

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.

BUJ 01 00:11:21.3-0.0,24°01'N,121°12'E,h18km,ML3.9/5
ASIES 01 00:11:22.8,23°95'N,121°09'E,h26km,MW3.5
IASPEI 01 00:11:23.0-0.8,23°96'N-0°01'-121°11'E,0.02,h28km,3km,
mb3.6/13,MS3.5/3,Error ellipse: s-maj=2.4km
s-min=1.8km az=117.3,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. <i>Seism. Res. Let.</i>,
80-46, 465-472, 2009**

TAP 01 00:11:22.2,23°96'N,121°09'E,h31km,ML4.4,B
JMA 01 00:11:22.0-0.1,23°95'N,121°06'E,h15km,4km,M3.9
IDC 01 00:11:24.1-4.4,23°97'N,121°31'E,h56km,41km,mb3.3/12,
mb1.3/4/4,mb1mx3.3/62,mbtmp3.6/14,ML3.0/2,MS3.1/4,
Ms1.3/1/4,ms1mx2.7/21,Error ellipse: s-maj=34.0km
s-min=15.5km az=64.0

ISC 01 00:11:20.8-0.5,23°97'N-0°01'-121°09'E,0.01,h10km,n159,
r1866/273,mb3.6/13,MS3.5/3,20C-37D,Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	ISC Pg	Time h m s	Res ISC
OWD	Renai	0.08	98	Op	ISC Pg	00 11 27.9	+4.6
OWD	baz=92			S		00 11 31.3	+6.2
CHGB	Renai	0.12	39	Op	ISC Pg	00 11 28.4	+4.4
CHGB	baz=46			S		00 11 33.2	+7.1
DPDB	Guoxing	0.16	294	Op	ISC Pg	00 11 28.7	+4.2
DPDB	baz=297			S		00 11 33.3	+6.3
SMLT	Sun Moon Lake	0.19	245	Op	ISC Pg	00 11 28.8	+3.8
SMLT	baz=239			S		00 11 33.5	+5.7
VWDT	VWDT	0.22	167	Op	ISC Pg	00 11 29.3	+4.0
VWDT	baz=166			S		00 11 33.9	+5.6
SSLB	Suangleung	0.22	215	Op	ISC Pg	00 11 28.8	+3.5
SSLB	baz=216			S		00 11 33.2	+4.8
TYC	Yuchr	0.22	254	Op	ISC Pg	00 11 29.0	+3.6
TYC	baz=249			S		00 11 33.7	+5.2
WHF	Hehuan Shan	0.24	42	Op	ISC Pg	00 11 29.8	+3.8
WHF	baz=42			S		00 11 34.9	+5.4
TDCB	Techi	0.29	12	Op	ISC Pb	00 11 30.0	+1.7
TDCB	baz=8.0			S		00 11 34.7	+1.4
TWT	Tachien	0.30	15	Op	ISC Pb	00 11 30.0	+1.6
TWT	baz=8.0			S		00 11 35.5	+2.0
WHP	Taichung City	0.34	337	Op	ISC Pb	00 11 30.9	+1.9
WHP	baz=342			S		00 11 36.8	+2.3
ESL	Shilin	0.35	116	Op	ISC Pb	00 11 30.7	+1.6
ESL	baz=107			S		00 11 36.4	+1.7
WJS	Zhushan	0.36	247	Op	ISC Pb	00 11 31.2	+1.9
WJS	baz=247			S		00 11 37.6	+2.5
WNT	Mingjian	0.38	257	Op	ISC Pb	00 11 31.6	+1.9
WNT	baz=257			S		00 11 38.3	+2.7
TCU	Taichung	0.42	296	Op	ISC Pb	00 11 32.3	+2.0
TCU	baz=296			S		00 11 39.4	+2.6
EGFH	Guangfu	0.43	134	Op	ISC Pb	00 11 31.8	+1.3
EGFH	baz=127			S		00 11 38.5	+1.5
ETLH	Xiulin Townshi	0.43	56	Op	ISC Pb	00 11 32.0	+1.4
ETLH	baz=47			S		00 11 38.3	+1.1
HWA	Hwaiien	0.47	89	Op	ISC Pb	00 11 33.0	+1.8
HWA	baz=94			S		00 11 40.1	+1.8
ENLB	Shoufeng	0.47	97	Op	ISC Pg	00 11 31.7	+1.6
ENLB	baz=97			S		00 11 39.1	+0.8
TWD	Chiawan	0.48	76	Op	ISC Pb	00 11 32.6	+1.3
TWD	baz=83			S		00 11 39.6	+1.2
TWQ1	Liyutan	0.48	323	Op	ISC Pb	00 11 33.3	+2.0
TWQ1	baz=324			S		00 11 41.1	+2.6
YUS	Yu-Shan	0.49	195	Op	ISC Pb	00 11 33.1	+1.3
YUS	baz=201			S		00 11 40.3	+1.0
WCHH	Zhanghua	0.50	283	Op	ISC Pb	00 11 33.3	+1.6
WCHH	baz=282			S		00 11 41.5	+2.5
EHY	Hungye	0.51	155	Op	ISC Pb	00 11 32.9	+1.1
EHY	baz=149			S		00 11 40.5	+1.3
NACB	Ninganchiao	0.51	66	Op	ISC Pb	00 11 32.8	+0.9
NACB	baz=73			S		00 11 40.1	+0.8
ALS	Alishan	0.52	210	Op	ISC Pb	00 11 33.5	+1.2
ALS	baz=210			S		00 11 41.4	+1.3
CHN5	Tsauling	0.53	226	Op	ISC Pb	00 11 33.5	+1.2
CHN5	baz=226			S		00 11 41.5	+1.5
NNSB	Datong	0.53	30	Op	ISC Pb	00 11 33.5	+1.1
NNSB	baz=27			S		00 11 41.0	+0.9
NNSH	Datong	0.53	30	Op	ISC Pb	00 11 33.5	+1.1
NNSH	baz=26			S		00 11 41.3	+1.1
NNS	Nan Shan	0.54	29	Op	ISC Pb	00 11 33.7	+1.2
NNS	baz=24			S		00 11 41.6	+1.3
NSY	Sanyi	0.54	326	Op	ISC Pb	00 11 34.5	+2.1
NSY	baz=327			S		00 11 43.5	+3.3
WGK	Gukeng	0.56	240	Op	ISC Pb	00 11 34.3	+1.6
WGK	baz=240			S		00 11 43.1	+2.4
WDJ	Dajia District	0.56	313	Op	ISC Pb	00 11 34.8	+2.0
WDJ	baz=314			S		00 11 43.5	+2.7
HGSD	Ruisui	0.56	147	Op	ISC Pb	00 11 34.2	+1.4
HGSD	baz=149			S		00 11 42.6	+1.8
WDLH	Douliu	0.58	241	Op	ISC Pb	00 11 34.7	+1.7
WDLH	baz=233			S		00 11 43.2	+2.0
PTSB	Yuanli	0.59	324	Op	ISC Pb	00 11 35.3	+1.9
PTSB	baz=324			S		00 11 45.0	+3.2
YULB	Yu-Hi	0.60	162	Op	ISC Pb	00 11 34.3	+0.9
YULB	baz=161			S			

YULB	baz=161			S			
NMLH	Miaoili	0.63	334	Op	ISC Pb	00 11 27.9	+4.6
NMLH	baz=334			S			
NMLH	baz=334			S			
TWF1	Yuli	0.64	163	Op	ISC Pb	00 11 35.1	+0.9
TWF1	baz=162			S			
NSTT	Nanjuang	0.67	353	Op	ISC Pb	00 11 36.2	+1.6
NSTT	baz=354			S			
NSTT	baz=354			S			
RLNB	Erin	0.67	264	Op	ISC Pg	00 11 35.8	+2.0
RLNB	baz=264			S			
LI0B	Emei	0.68	354	Op	ISC Pb	00 11 36.5	+1.6
LI0B	baz=354			S			
CHN2	Minshiang	0.71	233	Op	ISC Pb	00 11 36.7	+1.4
CHN2	baz=354			S			
NDT	Datong Townshi	0.74	31	Op	ISC Pb	00 11 37.1	+1.2
NDT	baz=27			S			
WTCT	Ta-cheng	0.75	262	Op	ISC Pg	00 11 36.7	+1.4
WTCT	baz=262			S			
NSK	Sanguang	0.75	19	Op	ISC Pb	00 11 37.3	+1.3
NSK	baz=30			S			
YHNB	Yeheng	0.75	20	Op	ISC Pg	00 11 37.1	+1.8
YHNB	baz=30			S			
ENA	Nanau	0.75	52	Op	ISC Pb	00 11 37.2	+1.2
ENA	baz=52			S			
CHN4	Tsushan	0.76	217	Op	ISC Pb	00 11 37.1	+1.5
CHN4	baz=217			S			
CHY	Chiayi	0.77	233	Op	ISC Pb	00 11 37.5	+1.2
CHY	baz=233			S			
ELDTW	Lidau	0.78	185	Op	ISC Pb	00 11 37.4	+0.9
ELDTW	baz=178			S			
FULB	Fuli	0.79	166	Op	ISC Pb	00 11 38.0	+1.3
FULB	baz=167			S			
TPUB	Ta-pu	0.79	213	Op	ISC Pg	00 11 37.3	+1.3
TPUB	baz=213			S			
ENTT	Nioudou	0.80	33	Op	ISC Pb	00 11 38.2	+1.3
ENTT	baz=33			S			
WMLT	Mailiao	0.81	259	Op	ISC Pb	00 11 37.9	+1.4
WMLT	baz=259			S			
SBCB	Hsinchun	0.83	353	Op	ISC Pb	00 11 48.5	+1.7
SBCB	baz=353			S			
WTP	Ta-pu	0.84	211	Op	ISC Pg	00 11 38.3	+1.2
WTP	baz=211			S			
HSN	Hsinchu	0.84	353	Op	ISC Pb	00 11 38.9	+1.8
HSN	baz=355			S			
STYT	Tauyuan	0.86	201	Op	ISC Pg	00 11 38.6	+1.3
STYT	baz=206			S			
WSF	Szhu	0.86	248	Op	ISC Pb	00 11 38.5	+1.1
WSF	baz=248			S			
WLGB	Puz	0.87	236	Op	ISC Pg	00 11 39.1	+1.5
WLGB	baz=237			S			
TKW	Hsinying	0.89	219	Op	ISC Pg	00 11 39.2	+1.2
TKW	baz=216			S			
NWLT	Wulai	0.89	25	Op	ISC Pg	00 11 39.7	+1.7
NWLT	baz=24			S			
WLTB	Daxi	0.90	9	Op	ISC Pb	00 11 40.0	+1.5
WLTB	baz=358			S			
CHKT	Chengkung	0.90	164	Op	ISC Pb	00 11 39.3	+1.2
CHKT	baz=151			S			
TWE	Neicheng	0.92	35	Op	ISC Pg	00 11 40.1	+1.6
TWE	baz=35			S			
SNST	Tainan City	0.92	216	Op	ISC Pg	00 11 39.7	+1.1
SNST	baz=217			S			
SLBB	Yuanshan	0.93	32	Op	ISC Pb	00 11 40.5	+1.4
SLBB	baz=39			S			
CHN1	Nanshi	0.93	214	Op	ISC Pg	00 11 40.0	+1.1
CHN1	baz=214			S			
TWC	baz=214			S			
TWC	baz=47			S			
SGST	Jiashian	0.99	208	Op	ISC Pg	00 11 40.2	+0.2
SGST	baz=208			S			
ILA	Ilan	1.00	37	Op	ISC Pb	00 11 41.9	+1.7
ILAN	baz=28			S			
NCUH	Zhongli	1.00	5	Op	ISC Pg	00 11 41.0	+0.9
NCUH	baz=4.0			S			
NCU	National Centr	1.00	5	Op	ISC Pg	00 11 41.1	+0.9
NCU	baz=5.0			S			
CHN8	Jiji	1.01	233	Op	ISC Pg	00 11 41.0	+0.6
CHN8	baz=233			S			
SLGT	Liuouli	1.05	203	Op	ISC Pg	00 11 41.9	+0.9
SLGT	baz=189			S			
TATO	Taipei	1.07	20	Op	ISC Pg	00 11 42.1	+0.7
TATO	baz=5.0			S			
NHHD	Xindian Distri	1.07	22	Op	ISC Pg	00 11 42.2	+0.8
NHHD	baz=7.0			S			
CHN3	Shinhua	1.11	217	Op	ISC Pb	00 11 42.6	+0.5
CHN3	baz=218			S			
EON3	EOS1	1.11	58	Op	ISC Pb	00 11 44.0	+1.6
EON3	baz=57			S			
TAP	Taipei	1.13	19	Op	ISC Pb	00 11 42.0	-0.6
TAP	baz=283			S			

TAP	baz=5.0			S			
SCLT	Jiali	1.14	226	Op	ISC Pb	00 11 43.1	+0.5
SCLT	baz=227			S			
TWG	Pinlang	1.14	181	Op	ISC Pb	00 11 42.8	+0.2
TWG	baz=175			S			
TWGBT	Beinan	1.14	180	Op	ISC Pb	00 11 43.5	+0.8
TWGBT	baz=175			S			
TWGS1	Kuangyinshan	1.17	15	Op	ISC Pb	00 11 43.6	+0.4
TWGS1	baz=358			S			
TIPB	Shuangxi	1.21	34	Op	ISC Pb	00 11 59.7	+0.9
TIPB	baz=18			S			
TTN	Taitung	1.21	178	Op	ISC Pg	00 11 45.8	+1.7
TTN	baz=178			S			
TAI1	Yung-kang	1.22	221	Op	ISC Pb	00 11 43.6	-0.2
TAI1	baz=221			S			
NTST	Danshui	1.24	15	Op	ISC Pb	00 11 44.0	-0.2
NTST	baz=359			S			
YM04	YM						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like JKRS Kuro-shima, JIJ Ishigaki jima, MHZQ Yeshan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IDC 01 00:18:28.2, 3.6, 62N; 141.82E, h0km, mb3.3/4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KEA 01 00:25:10.5, 0.36, 88N; 124.41E, h0km, ML2.9/4, Yellow Sea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like comp=N,163nm,0.4s, FETE, FETU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IDC 01 00:33:05.6, 3.1, 717S; 157.46E, h0km, mb3.6/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WEL 01 00:44:34.7, 0.34, 54N; 179E, h33km, M3.5/12, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include az=103.0, ISC 01 00:50:46.4, 1.1, 39.19N; 0.05:142.39E, 0.08, h27km, m27, etc.

IDC 01 01:12:35.3, 1.9, 17.83S; 178.51W, h566km, 23km, mb3.4/12, mb1 3.7/14, mb1mx3.5/32, mbtmp3.4/14, Error ellipse: s-maj=26.7km s-min=11.9km az=146.0, NEIC 01 01:12:35.8, 1.7, 18.0S; 0.1x178.4W; 0.1, h589km, 9km, mb4.3/45, Error ellipse: s-maj=21.4km s-min=16.8km az=136.0

ISC 01 01:12:35.4, 0.5, 18.0S; 0.1x178.32W, 0.09, h579km, n75, c1807/12, mb4.2/36, 1C, Fiji Islands region

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, MSVF Nonsavu, AFV Afiamalu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRIK, MAZI, DYBB, KOPPT, DAGI, etc.

ATA 01 03:27:51.8±1.1, 38°73'N×43°10'E, h9km±109km, ML1.8, MW2.5

DDA 01 03:27:53.9, 38°61'N×43°08'E, h7km±3km, ML1.6

ISC 01 03:27:53.9±1.3, 38°61'N×43°03'E, h11km±12km, n14, e0812/25, Turkey

Main table for the first section, listing station codes, names, coordinates, and seismic data.

IDC 01 03:45:41.2±7.0, 18°56'S×176°99'W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.5/19, mbtmp3.5/2, Error ellipse: s-maj=331.0km s-min=64.0km az=146.0, Fiji Islands region

Table for the IDC 01 03:45:41.2 event, listing station codes and data.

ISC 01 04:01:14.3±1.6, 51°48'N×0°07'16.01E±0.04, h0km, n17, e060/35, Poland

Main table for the second section, listing station codes, names, coordinates, and seismic data.

NIED 01 04:08:00.38±20N, 141°50'E, h59km, Mw4.3 Best double couple: M3 19000±1015 NP1±159 0000±82 0000±7.65 0000±0. NP2±52 0000±827 0000±1.161 0000±0

MOS 01 04:08:45.1±1.1, 38°27'N×141°16'E, h44km, mb4.6/13, Error ellipse: s-maj=8.9km s-min=5.1km az=85.4

NEIC 01 04:08:47.4±1.2, 38°21'N×106°14'16.0E±0.1, h54km±7km, mb4.6/77, Error ellipse: s-maj=12.2km s-min=7.2km az=114.0

JMA 01 04:08:47.4, 38°23'N×141°52'E, h49km±1km, M4.4 JMA Felt III J1

IDC 01 04:08:48.0±0.5, 38°19'N×141°53'E, h57km±4km, mb3.9/23, mb1 4.0/31, mb1mx3.9/55, mbtmp4.2/31, MS3.3/16, Ms1 3.3/16, ms1mx3.0/47, Error ellipse: s-maj=12.3km s-min=7.4km az=125.0

ISC 01 04:08:45.6±0.5, 38°18'N×104°14'17.0E±0.04, h36km±1km, n176, e1934/172, mb4.6/65, MS3.3/10, 11C, Near east

coast of eastern Honshu

Main table for the third section, listing station codes, names, coordinates, and seismic data.

Main table for the fourth section, listing station codes, names, coordinates, and seismic data.

K22A	baz=315	Casper	39.63	81	P	I	Amb	P	04 55 46.8	-1.1
K22A	comp=Z,7.4nm,0.8s	Casper	39.63	81	P	P			04 55 48.4	+0.5
H11N2	baz=25,slow=76,SNR=78	WAKE ISLAND Hy	39.96	223	T	T			05 38 31.8	
H11N3	baz=25,slow=76,SNR=78	WAKE ISLAND Hy	39.97	223	T	T			05 38 40.3	
H11N1	baz=25,slow=76,SNR=90	WAKE ISLAND Hy	39.98	223	T	T			05 38 41.2	
W13A	baz=25,slow=76,SNR=90	Hualapai Mount	40.12	96	P	P			04 55 49.4	-2.7
W13A	comp=Z,1.6nm,1.1s	White River Ci	40.16	86	P	P			04 55 52.0	-0.3
O20A	baz=309,SNR=8.0	White River Ci	40.16	86	P	P			04 55 54.4	
O20A	comp=Z,1.6nm,1.1s	White River Ci	40.16	86	P	P			04 55 53.1	+0.7
RSSD	baz=306	Black Hills	40.22	78	P	I	Amb	P	04 55 52.5	-0.3
RSSD	comp=Z,4.4nm,0.6s	Black Hills	40.22	78	P	P			04 55 53.5	+0.7
SWSC	baz=316	Sam W. Stewart	40.50	100	P	P			04 55 56.6	+1.7
PDMC	baz=314	Parker Dam,Lak	40.52	97	P	P			04 55 56.6	+1.6
Y12C	baz=315	Blythe	40.68	98	P	P			04 55 58.5	+2.1
N23A	baz=308	Red Feather La	41.05	83	P	P			04 56 00.4	+0.6
PV13	baz=312	Radium Mtn., P	41.09	88	P	I	Amb	P	04 55 59.6	-0.4
PV13	comp=Z,1.5nm,1.1s	Radium Mtn., P	41.09	88	P	I	Amb	P	04 56 02.0	
H11S1	baz=24,slow=76,SNR=25	WAKE ISLAND Hy	41.14	223	T	T			05 39 57.9	
H11S2	baz=24,slow=76,SNR=14	WAKE ISLAND Hy	41.16	223	T	T			05 40 04.8	
H11S3	baz=24,slow=76,SNR=18	WAKE ISLAND Hy	41.16	223	T	T			05 39 58.4	
PV01	baz=312	Paradox Valley	41.25	88	P	I	Amb	P	04 56 00.6	-0.8
PV01	comp=Z,6.5nm,1.2s	Paradox Valley	41.25	88	P	I	Amb	P	04 56 03.3	
WUAZ	baz=313	Wupatki	41.33	94	P	P			04 56 03.1	+1.1
ULM	comp=Z,1.6nm,0.8s,slow=3.9,SNR=3.9	Lac du Bonnet	41.41	65	P	P			04 56 01.5	-0.7
ULM	baz=314	Lac du Bonnet	41.41	65	P	P			04 56 02.2	0.0
MVCO	baz=312	Mesa Verde	41.90	89	P	P			04 56 07.5	+0.7
ISCO	baz=310	Idaho Springs	41.94	84	P	P			04 56 08.3	+1.2
S22A	baz=312	4UR Ranch, Cre	42.54	87	P	P			04 56 14.0	+2.0
214A	baz=316	Organ Pipe Nat	42.97	99	P	P			04 56 16.8	+1.6
OGNE	baz=309	Ogallala	43.33	80	P	P			04 56 19.3	+1.2
SDCO	baz=311	Great Sand Dun	43.34	86	P	P			04 56 16.4	-2.0
SDCO	comp=Z,3.1nm,0.2s,slow=5.5,SNR=3.7	Great Sand Dun	43.34	86	P	P			04 56 19.4	+1.0
TUC	baz=316	Tucson	43.91	96	P	P			04 56 24.8	+1.9
KSCO	baz=310	Kaye Shedlock'	44.22	83	P	P			04 56 24.8	-0.5
KSCO	comp=Z,2.0nm,0.2s,slow=5.5,SNR=3.7	Kaye Shedlock'	44.22	83	P	P			04 56 26.5	+1.2
T25A	baz=312,SNR=6.5	Trinidad	44.39	86	P	P			04 56 27.8	+1.0
ANMO	baz=313	Albuquerque	44.65	90	P	P			04 56 30.1	+1.2
ANMO	comp=Z,0.3nm,0.3s,slow=289,slow=1.0,SNR=5.1	Albuquerque	44.65	90	P	P			04 56 26.9	-2.0
ANMO	comp=Z,0.3nm,0.3s,slow=289,slow=1.0,SNR=5.1	Albuquerque	44.65	90	P	P			04 58 08.7	-2.2
ANMO	comp=Z,0.3nm,0.3s,slow=289,slow=1.0,SNR=5.1	Albuquerque	44.65	90	P	P			04 56 29.9	+1.1
ECSO	baz=313	EROS Data Cent	44.75	74	P	P			04 56 29.2	-0.2
ECSO	comp=Z,2.0nm,0.2s,slow=5.5,SNR=3.7	EROS Data Cent	44.75	74	P	P			04 56 29.1	-0.2
EYMN	baz=306	Ely	45.08	66	P	P			04 56 31.9	0.0
21N1	baz=315	Cookes Peak, D	45.51	77	P	P			04 56 34.7	+0.9
CBKS	baz=311	Cedar Bluff	46.05	81	P	P			04 56 40.7	+1.0
I37A	baz=311	Lemond, Waseca	46.40	71	P	S			04 56 40.4	-1.9
I37A	comp=Z,4.0nm,19.1s,slow=108,slow=59	Lemond, Waseca	46.40	71	P	S			05 03 29.6	+3.0
NR1K	baz=314	Noril'sk	46.56	332	LR	LR			05 18 24.3	
R32A	baz=314	Long Quarter,	46.91	81	P	P			04 56 45.1	-1.4
N35A	baz=314	Tabor	47.12	76	P	P			04 56 47.6	-0.4
MSX	baz=314	Muleshoe	47.52	88	P	P			04 56 52.1	+0.8
AMTX	baz=314	Amarillo	47.54	86	P	P			04 56 52.2	+0.7
MNTX	baz=314	Cornudas Mount	47.56	92	P	P			04 56 51.3	-0.2
MNTX	comp=Z,2.0nm,0.8s	Cornudas Mount	47.56	92	P	P			04 56 52.5	+1.0
KSU1	baz=311	Kansas State U	47.70	78	P	P			04 56 52.5	0.0
KSR5	baz=311	Korea Array	47.71	279	P	P			04 56 53.4	+0.8
KSR5	comp=Z,2.0nm,0.8s,slow=50,slow=6.5,SNR=11	Korea Array	47.71	279	P	P			04 56 53.2	+0.4
DAG	baz=310	Danmarks Havn	48.24	10	P	P			04 56 56.0	-0.2
SPITS	baz=310	Spitsbergen Ar	48.54	360	P	P			04 56 57.8	-0.7
SPITS	comp=Z,1.3nm,0.3s,slow=28,slow=6.5,SNR=24	Spitsbergen Ar	48.54	360	P	P			04 58 24.1	+0.5
N38A	baz=311	Joos South For	48.55	74	P	P			04 56 58.5	-0.6
JFWS	baz=311	Jewell Farm	48.88	70	P	P			04 57 01.8	+0.2
SUMG	baz=310	Summit	48.90	19	P	P			04 57 01.3	-0.5
SUMG	comp=Z,5.2nm,0.7s,slow=3.7,SNR=4.3	Summit	48.90	19	P	P			04 57 03.1	
P38A	baz=309	Dawn	49.15	76	P	P			04 57 03.3	-0.3
D46A	baz=310	Sault St. Mari	49.73	63	P	P			04 57 07.9	-0.2
O40A	baz=310	Paris	50.06	75	P	P			04 57 10.3	-0.4
D47A	baz=310	Chapleau	50.12	62	P	P			04 57 10.4	-0.7
TX31	baz=310	Lajitas Ar. Si	50.29	93	P	I	Amb	P	04 57 12.6	0.0
TX31	comp=Z,4.5nm,0.7s	Lajitas Ar. Si	50.29	93	P	I	Amb	P	04 57 14.1	
TX32	baz=310	Lajitas Ar.	50.29	93	P	I	Amb	P	04 57 12.2	-0.3
TX32	comp=Z,4.8nm,0.6s	Lajitas Ar.	50.29	93	P	I	Amb	P	04 57 14.0	
TXAR	baz=315	Lajitas Array	50.29	93	P	P			04 57 13.5	+1.0
TXAR	comp=Z,0.3nm,0.5s,slow=282,slow=0.8,SNR=1.1	Lajitas Array	50.29	93	P	P			04 58 31.6	+0.7
TXAR	comp=Z,0.3nm,0.5s,slow=282,slow=0.8,SNR=1.1	Lajitas Array	50.29	93	P	P			04 57 11.9	-0.7
TXAR	comp=Z,0.3nm,0.5s,slow=282,slow=0.8,SNR=1.1	Lajitas Array	50.29	93	P	P			04 58 30.4	-0.5
TUL1	baz=313	Leonard	50.33	81	P	P			04 57 12.7	0.0
ABTX	baz=313	Ablene, Hawle	50.33	87	P	P			04 57 13.6	+0.8
E47A	baz=310	Iron Bridge	50.41	63	P	P			04 57 12.0	-1.2
S39A	baz=310	Bolivar	50.56	78	P	P			04 57 12.5	-1.9
D48A	baz=310	Paudash Townsh	50.73	61	P	P			04 57 15.0	-0.6
U38A	baz=310	Gravette	50.79	80	P	I	Amb	P	04 57 15.8	-0.4
U38A	comp=Z,2.8nm,0.6s	Gravette	50.79	80	P	I	Amb	P	04 57 27.9	
HDIL	baz=312	Hopedale	50.96	72	P	P			04 57 17.5	+0.1
HDIL	comp=Z,2.8nm,0.6s	Hopedale	50.96	72	P	P			04 57 17.0	-0.3
H47A	baz=311	Mio	51.12	65	P	P			04 57 18.6	0.0
MATO	baz=310	Matagami	51.19	56	P	P			04 57 18.6	-0.4
P43A	baz=310	Skaggs, Pawnee	51.44	73	P	P			04 57 20.9	-0.1
F49A	baz=311	Sandfield	51.52	63	P	P			04 57 20.8	-0.7
CCM	baz=311	Cathedral Cave	51.52	76	P	P			04 57 19.5	-1.2
CCM	comp=Z,7.4nm,1.1s	Cathedral Cave	51.52	76	P	P			04 57 21.4	
CCM	comp=Z,7.4nm,1.1s	Cathedral Cave	51.52	76	P	P			04 57 20.6	-1.0
TLY	baz=313	Talaya	51.62	307	P	I	Amb	P	04 57 22.5	+0.2
TLY	comp=Z,4.0nm,0.7s	Talaya	51.62	307	P	I	Amb	P	04 57 26.3	

SLM	baz=315	Saint Louis	51.71	75	P	P			04 57 22.0	-1.0
U40A	comp=Z,4.0nm,0.7s	Yellville	51.75	78	P	I	Amb	P	04 57 22.5	-0.8
U40A	comp=Z,4.0nm,0.7s	Yellville	51.75	78	P	P			04 57 31.4	
D50A	baz=314,SNR=5.6	G1974 Best Tow	51.75	60	P	P			04 57 21.9	-1.5
JCT	baz=311	Junction City	51.76	89	P	P			04 57 22.7	-0.6
W39A	baz=312	Magazine	52.00	80	P	I	Amb	P	04 57 24.0	+0.4
W39A	comp=Z,3.4nm,0.8s	Magazine	52.00	80	P	I	Amb	P	04 57 25.0	-0.2
D51A	baz=311	Lot 18 Range I	52.05	60	P	P			04 57 25.1	-0.1
E51A	baz=311	G1948 Merrick	52.35	60	P	P			04 57 24.6	-0.8
ULN	baz=311	Ulaanbaatar	52.45	302	P	I	Amb	P	04 57 27.3	-0.4
ULN	comp=Z,5.3nm,0.9s	Ulaanbaatar	52.45	302	P	I	Amb	P	04 57 28.2	-0.4
M47A	baz=312	Cromwell	52.49	69	P	P			04 57 29.3	
MIAR	baz=314	Mount Ida	52.58	81	P	P			04 57 28.0	-0.8
N47A	baz=312	Urbana	52.77	69	P	P			04 57 29.7	+0.2
SONM	comp=Z,2.2nm,0.9s,slow=46,slow=7.6,SNR=14	Songino Array	52.80	302	P	P			04 57 30.3	-0.5
SONM	comp=Z,1.3nm,0.8s,slow=119,slow=1.3,SNR=5.8	Songino Array	52.80	302	P	P			04 57 30.6	-0.6
SCHG	baz=312	Schefferville	52.86	46	P	P			04 58 40.9	+0.9
SCHG	comp=Z,3.5nm,0.8s,slow=302,slow=5.7,SNR=7.6	Schefferville	52.86	46	P	P			04 57 31.4	+0.3
SCHG	comp=Z,4.1nm,1.0s	Schefferville	52.86	46	P	I	Amb	P	04 58 39.9	-0.2
OLIL	baz=312	Olney	52.87	73	P	P			04 57 31.5	+0.2
D53A	baz=312	Lac Vacie, Po	52.91	59	P	P			04 57 31.0	-0.3
F52A	baz=312	Sundridge	52.93	61	P	P			04 57 31.1	-0.9
E52A	baz=312	Mattawa	52.95	60	P	P			04 57 31.1	-0.9
L49A	baz=312	Millan	53.01	67	P	P			04 57 31.6	-0.5
M49A	baz=312	Liberty Center	53.32	68	P	P			04 57 32.2	-0.4
E53A	baz=312	Dumoine, Ponti	53.40	60	P	P			04 57 35.2	+0.3
WLAR	baz=312	White Oak Lake	53.45	81	P	P			04 57 35.4	0.0
ALGO	baz=312	Algonquin Park	53.48	60	P	P			04 57 35.6	-0.0
O48A	baz=312	Farnold	53.49	70	P	P			04 57 35.6	-1.4
833A	baz=317	Chaparral WMA,	53.57	91	P	P			04 57 35.4	-0.8
E54A	baz=317	Lac Daplat, Po	53.60	59	P	P			04 57 38.2	+1.3
G53A	baz=312	Haliburton	53.74	61	P	P			04 57 36.4	-0.5
P48A	baz=312	Milroy	53.89	71	P	P			04 57 37.8	-0.2
J52A	baz=313	Paris	54.03	64	P	P			04 57 38.0	-1.1
D55A	baz=313	Sainte-Anne-du	54.08	58	P	P			04 57 39.6	-0.5
W49A	baz=313	Mt. Univ. Ec	54.23	70	P	P			04 57 39.9	

1d 5h

2014 APR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzum, PPT Papeete, TBI Tubuai, etc.

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

Station information for IDC 01 04:56:38.0-2.1, 7.77S-127.42E, h0km, mb3.7/1, mb1 3.6/3, mb1mx3.4/29, mbmp3.4/3, ML3.4/2, Error ellipse: s-maj=285.2km s-min=31.7km az=63.0, Banda Sea

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

Station information for IDC 01 05:03:38.6-2.6, 48.19N-146.72E, h421km, 30km, mb2.9/8, mb1 3.1/10, mb1mx2.9/43, mbmp3.7/10, Error ellipse: s-maj=19.9km s-min=17.6km az=137.0, SKHL 01 05:03:43.6-0.4, 47.95N-146.30E, h513km, 10km, mb4.1/8, msh4.2/3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like YSS Yuzh-Sakhalins, KUR Kuril'sk, UGL Uglegorsk, etc.

Station information for JMA 01 05:05:08.4-0.1, 39.88N-142.17E, h47km, 1km, M3.7, JMA Feit 1/1, IDC 01 05:05:09.3-3.3, 39.87N-142.32E, h69km, 29km, mb3.3/4, mb1 3.4/6, mb1mx3.1/40, mbmp3.5/6, ML3.0/2, M3.0/1, Mb1 3.2/1, ms1mx2.4/23, Error ellipse: s-maj=50.2km s-min=25.1km az=87.0

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

Table with columns: JMK Ichinoseki, JTH Tenmabayashi, JAM Hinai, JRJ Rosaku, ASAJ Asakikawa, etc.

PGC 01 05:05:53.6-0.9, 48.92N-129.56W, h10km, ML5N4.0/43, Mw4.7/43, 250km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region, IDC 01 05:05:55.4-0.7, 49.09N-129.27W, h0km, mb4.1/16, mb1 4.4/28, mb1mx4.2/51, mbmp4.2/28, ML4.0/11, MS4.2/31, Ms1 4.2/31, ms1mx4.2/39, Error ellipse: s-maj=15.4km s-min=8.5km az=48.0, GCMT 01 05:05:57.0-0.4, 49.94N, 0.01-129.57W, 0.01, h16km, 1km, MW5.1/133, Moment Tensor Solution, s55, c72, M33, c211, Duration: 0. Moment tensor: Scale 10^16Nm; Mn-0.60z-13; Mw-4.41z-11; Mm5.01z-11; Mo-0.62z-34; Mw-1.88z-11; Mw0.15z-29; Best double couple: Mo5.11600x10^16 NP1.0z34.000000, 883.000000, lambda-4.000000, NP2.0z124.000000, 886.000000, lambda-173.000000, Principal axes: T 5.3830, Plg3.000000, Azm259.000000, N -0.5330, Plg82.000000, Azm151.000000; P -4.8500, Plg8.000000, Azm349.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=40s. Triangular moment-ratio function

NEIC 01 05:05:58.0, 49.22N-129.21W, h3km, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mr-0.68; Mw-0.92; Mw1.160; Mw0.08; Mw-0.40; Mw0.17; Fault plane solution: M1.460000, 1016 NP1.0z214.370000, 880.270000, lambda-15.520000, NP2.0z307.050000, 874.710000, lambda-169.900000, Principal axes: T 1.6761, Plg4.000000, Azm261.000000, N -0.6612, Plg72.000000, Azm3.000000, P -1.0148, Plg18.000000, Azm170.000000; NEIC 01 05:05:58.0, 49.22N-129.21W, 0.09, h10km, 1km, mb4.7/215, Mw4.7/23, Mw4.7/27, Error ellipse: s-maj=10.5km s-min=9.0km az=67.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KEMP NEPTUNE Canada, KEMP Brooks Peninsu, BPBC Brooks Peninsu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NCB9 ODP889, NCB9 ODP889, NCB9 ODP1027, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BBB Bella Bella, BBB Bella Bella, PFB Port Renfrew, etc.

Table with columns: HNBB Eldon, D03D Eldon, MBOB Moresby Island, MBOB Bonilla, etc.

Table with columns: BLOC Blue River, F07A Phinny Hill Vi, HAWA Hanford, I04A Tendick Farm, etc.

Table with columns: BESE Bessie Mountain, BESE Bessie Mountain, YBMT Yellow Bull Lakes, etc.

RLMT	Red Lodge	14.16	99	P	Pn	05 09 18.7 +0.8
YUK3	Moose Creek	14.18	338	P	Pn	05 09 17.9 -0.1
PTPK	Patty Peak	14.23	333	P	Pn	05 09 19.1 +0.3
YUK2	White River	14.28	337	P	Pn	05 09 19.7 +0.3
TIN	Tinena, Big	14.46	142	P	Pn	05 09 24.0 +2.0
YUK1	Sand Pete Hill	14.52	336	P	Pn	05 09 22.6 0.0
R11A	Troy Canyon, C	14.57	132	P	Pn	05 09 25.4 +1.9
DUG	Dugway, Tooele	14.67	121	P	Pn	05 09 27.5 +2.6
CWC	Cottonwood Cre	15.05	143	P	Pn	05 09 32.1 +2.0
BW06	Goulder Array	15.06	107	Iamb	Iamb	05 09 48.5
BW06	Boulder Array	15.06	107	P	Pn	05 09 31.6 +1.3
PD31	Pinedale Array	15.06	107	Iamb	Iamb	05 09 48.5
PDAR	Pinedale Array	15.06	107	Pn	Pn	05 09 32.4 +2.1
PDAR	Pinedale Array	15.06	107	LR	LR	05 15 34.9
PDAR	Pinedale Array	15.06	107	Pn	Pn	05 09 31.1 +0.9
VES	Vestal, Richgr	15.20	147	P	Pn	05 09 34.1 +2.2
FID	Port Fidalgo	15.24	326	Iamb	Iamb	05 09 45.6
SMMC	Simmler	15.37	150	P	P	05 09 36.4 -2.4
TPNV	Topopah Spring	15.39	137	Iamb	Iamb	05 09 52.3
TPNV	Topopah Spring	15.39	137	Pn	Pn	05 09 36.5 +2.0
FURC	Furnace Creek,	15.53	140	P	Pn	05 09 37.8 +1.7
GLI	Glacier Island	15.56	326	Iamb	Iamb	05 09 59.9
ISA	Isabella, Lake	15.59	146	Iamb	Iamb	05 09 45.4
ISA	Isabella, Lake	15.59	146	P	Pn	05 09 38.3 +1.4
BCAR	Beaver Creek A	15.60	338	Pn	Pn	05 09 34.8 -2.2
LAO	LASA Array	15.61	90	Iamb	Iamb	05 09 47.3
LAO	LASA Array	15.61	90	P	Pn	05 09 37.7 +0.5
MPMC	Manual Prospec	15.62	142	P	Pn	05 09 39.4 +1.8
YKA	Yellowknife Ar	15.68	26	Pn	Pn	05 09 36.2 -1.7
YKA	Yellowknife Ar	15.68	26	LR	LR	05 16 09.4
YKWI	Yellowknife Ar	15.70	26	P	Pn	05 09 37.1 -1.1
YKWI	Yellowknife Ar	15.73	26	P	Pn	05 09 37.7 -0.8
ARVC	Arvin	15.94	147	P	Pn	05 09 43.6 -1.4
DAWY	Dawson	15.97	344	P	P	05 09 43.8 -1.6
SHOC	Shoshone, Teco	16.26	139	P	Pn	05 09 48.0 -0.6
KDAK	Kodiak Island	16.33	311	Pn	Pn	05 09 46.0 -0.3
KDAK	Kodiak Island	16.33	311	LR	LR	05 15 00.6
KNK	Knik Glacier	16.41	326	Iamb	Iamb	05 10 03.4
BRLK	Bradley Lake	16.42	319	Iamb	Iamb	05 10 04.9
CNPM	China Pool	16.46	318	Iamb	Iamb	05 09 47.2 -0.8
CNPM	China Pool	16.46	318	Iamb	Iamb	05 10 04.6
EDW2	Edwards Air Fo	16.46	146	P	Pn	05 09 49.2 +1.0
DGMT	Dagmar	16.50	83	Iamb	Iamb	05 09 54.8
DGMT	Dagmar	16.50	83	P	Pn	05 09 48.9 +0.3
GSC	Goldstone, Bar	16.55	142	Iamb	Iamb	05 09 58.5
GSC	Goldstone, Bar	16.55	142	P	P	05 09 51.1 -0.9
TUQ	Turquoise Moun	16.80	139	P	Pn	05 09 54.0 -0.8
RIDG	Independent Ri	16.94	336	Iamb	Iamb	05 10 06.7
EGAK	Eagle	16.95	342	Iamb	Iamb	05 10 01.4
K22A	Casper	17.05	104	Iamb	Iamb	05 10 06.7
K22A	Casper	17.05	104	P	Pn	05 09 56.5 +0.8
RWWY	Rawlins	17.11	107	Iamb	Iamb	05 10 08.8
BFSC	Mount Baldy Ra	17.16	146	P	P	05 09 58.4 -0.3
O20A	White River Ci	17.38	113	P	Pn	05 10 00.5 +0.6
GMRC	Granite Mounta	17.47	140	P	Pn	05 10 02.0 -0.3
RSO	Redoubt South	17.58	319	P	Pn	05 10 01.9 -0.4
FFC	Flin Flon	17.66	61	P	Pn	05 10 01.3 -1.8
EPYK	Eagle Plains	17.74	350	Iamb	Iamb	05 10 08.7
EPYK	Eagle Plains	17.74	350	P	Pn	05 10 03.6 -0.5
MURC	Murrieta	17.90	146	P	P	05 10 07.1 +0.3
PV21	Cone Mtn., Par	17.96	118	Iamb	Iamb	05 10 23.9
RSSD	Black Hills	17.98	97	P	P	05 10 08.1 +0.3
RSSD	Black Hills	17.98	97	P	P	05 10 08.1 +0.3
SC12	San Clemente I	17.98	150	P	P	05 10 08.9 +1.2
BELC	Belle Mtn. Jos	18.01	142	P	P	05 10 09.7 +1.5
PV23	Carpenter Ridg	18.02	119	Iamb	Iamb	05 10 22.9
HDA	Harding Lake	18.04	335	P	Pn	05 10 07.6 -0.2
PV22	Blue Mesa, Par	18.09	118	Iamb	Iamb	05 10 23.0
PV20	West Nyswonger	18.12	119	Iamb	Iamb	05 10 16.5
PV04	Paradox Valley	18.12	119	Iamb	Iamb	05 10 16.6
PV19	Morning Glory	18.13	119	Iamb	Iamb	05 10 16.6
PV17	East Wray Mesa	18.16	119	Iamb	Iamb	05 10 17.0
PV16	Nyswonger Mesa	18.17	119	Iamb	Iamb	05 10 17.1
PFO	Pinyon Flats O	18.17	144	P	P	05 10 09.7 -0.2
PFO	Pinyon Flats O	18.17	144	LR	LR	05 16 36.9
PFO	Pinyon Flats O	18.17	144	P	P	05 10 10.9 +1.0
XPFO	Pion Flat	18.17	144	P	P	05 10 10.4 +0.4
PV18	Skein Mesa, Pa	18.21	119	Iamb	Iamb	05 10 17.6
IRM	Iron Mountain	18.23	140	P	P	05 10 12.1 +1.6
PV03	Paradox Valley	18.24	119	Iamb	Iamb	05 10 17.9
ILAR	Eielson Array	18.31	336	P	Pn	05 10 10.9 -0.1
ILAR	Eielson Array	18.31	336	PcP	PcP	05 14 43.1 +1.0
ILAR	Eielson Array	18.31	336	P	Pn	05 10 10.7 -0.3
PV13	Radium Mtn., P	18.32	119	Iamb	Iamb	05 10 18.8
N23A	Red Feather La	18.35	108	P	P	05 10 13.7 +1.7
WRH	Wood River Hill	18.42	334	Iamb	Iamb	05 10 15.7
PHWY	Pilot Hill	18.43	106	Iamb	Iamb	05 10 25.2
CCB	Clear Creek Bu	18.47	334	Iamb	Iamb	05 10 15.0
CCB	Clear Creek Bu	18.47	334	P	Pn	05 10 14.5 +0.4
PDMC1	Parker Dam, Lak	18.54	137	P	Pn	05 10 15.0 +1.0
PRP	Porcupine Dome	18.55	338	Iamb	Iamb	05 10 25.1
109C	Camp Elliot, M	18.57	146	P	Pn	05 10 16.1 +1.8

COLA	College	18.65	335	P	Pn	05 10 15.8 +0.6
COLA	College	18.65	335	Iamb	Iamb	05 10 22.0
TCOL	COGAF Yank	18.65	335	P	P	05 10 14.6 -0.3
DHRN	Dharma Camp	18.66	12	P	Pn	05 10 16.0 +0.8
PPLA	Purkeypile	18.70	326	P	Pn	05 10 16.4 +0.4
POKR	Poker Plat Res	18.72	336	P	Pn	05 10 15.4 -0.2
SMCO	Snowmass	18.74	114	P	PcP	05 14 45.0 +1.1
MONP2	Monument Peak	18.82	145	P	Pn	05 10 18.1 +0.4
MDM	Murphy Dome	18.82	335	Iamb	Iamb	05 10 19.6
Y12C	Blythe	18.84	139	P	Pn	05 10 19.4 +1.7
WUAZ	Wupatki	18.88	129	P	P	05 10 17.7 -0.1
SWSC	Sam W. Stewart	19.01	143	P	Pn	05 10 19.6 -0.2
SWV2	Sparrevohn	19.11	319	P	Pn	05 10 20.5 -0.2
IKP	In-Ko-Pah, Jac	19.15	144	P	Pn	05 10 22.2 +0.6
MVCO	Mesa Verde	19.17	121	Iamb	Iamb	05 10 38.7
MVCO	Mesa Verde	19.17	121	P	Pn	05 10 22.0 +0.1
ISCO	Idaho Springs	19.19	110	P	Pn	05 10 22.7 +0.5
GLA	Glacier	19.31	141	P	Pn	05 10 24.3 +0.9
INK	Inuvik	19.38	355	P	Pn	05 10 23.4 -0.5
INK	Inuvik	19.38	355	LR	LR	05 17 56.7
INK	Inuvik	19.38	355	Iamb	Iamb	05 10 23.6 -0.3
MLY	Manlie	19.61	332	Iamb	Iamb	05 10 36.2
MDND	Maddock	19.63	82	P	P	05 10 26.5 +0.7
S22A	4UP Ranch, Cre	19.76	117	P	Pn	05 10 28.5 -0.6
BRM	Burnt Mountain	19.96	343	P	P	05 10 29.6 +0.5
Q24A	Divide	19.98	111	P	Pn	05 10 30.8 -0.9
W18A	Petrified Fore	20.03	127	Iamb	Iamb	05 10 42.1
W18A	Petrified Fore	20.03	127	P	Pn	05 10 31.9 -0.3
KUKN	Kugluktuk, NWT	20.08	16	P	Pn	05 10 31.6 -0.6
X18A	Snowflake	20.38	128	Iamb	Iamb	05 10 42.6
C36M	Paulatuk	20.46	5	P	P	05 10 34.7 +0.2
C36M	Paulatuk	20.46	5	Iamb	Iamb	05 10 38.6
C36M	Paulatuk	20.46	5	P	Pn	05 10 34.5 -0.1
SDCO	Great Sand Dun	20.55	115	P	P	05 10 36.5 +0.4
OGNE	Ogivala	20.80	103	P	P	05 10 38.9 +0.4
COLD	Coldfoot	21.07	337	P	Pn	05 10 42.8 +1.7
COLD	Coldfoot	21.07	337	Iamb	Iamb	05 10 49.7
214A	Organ Pipe Nat	21.12	138	P	P	05 10 43.2 +1.2
IMAR	Indian Mountain	21.18	332	P	P	05 10 41.5 -0.9
KSCO	Kaye Sheddok	21.52	108	P	P	05 10 46.7 +0.4
ULM	Lac du Bonnet	21.52	74	P	Pn	05 10 46.4 +0.3
ULM	Lac du Bonnet	21.52	74	LR	LR	05 19 21.6
ULM	Lac du Bonnet	21.52	74	P	Pn	05 10 45.8 -0.4
ULM	Lac du Bonnet	21.52	74	P	P	05 10 46.0 -0.1
T25A	Trinidad	21.60	114	P	P	05 10 47.5 +0.1
TUC	Tucson	21.75	134	P	P	05 10 50.3 +1.6
TUC	Tucson	21.75	134	P	P	05 10 54.1 +1.6
ANMO	Albuquerque	21.94	122	P	Pn	05 10 51.8 +0.8
ANMO	Albuquerque	21.94	122	LR	LR	05 19 00.9
ANMO	Albuquerque	21.94	122	P	Pn	05 10 53.3 +2.3
ANMO	Albuquerque	21.94	122	Iamb	Iamb	05 11 06.0
ANMO	Albuquerque	21.94	122	P	P	05 10 52.8 +1.8
AGMN	Agassiz Nation	21.94	79	P	P	05 10 51.1 +0.4
TOLK	Toolik Lake Re	22.02	340	P	Pn	05 10 53.5 +2.1
TOLK	Toolik Lake Re	22.02	340	Iamb	Iamb	05 11 04.5
TOLK	Toolik Lake Re	22.02	340	P	P	05 10 51.7 +0.3
EPL0	Experimental L	22.99	75	P	P	05 11 01.8 -0.1
ECSD	EROS Data Cent	23.00	91	Iamb	Iamb	05 11 12.2
ECSD	EROS Data Cent	23.00	91	P	P	05 11 02.4 +0.3
A36M	Sachs Harbour	23.03	3	P	P	05 11 01.8 -0.2
121A	Cookes Peak, D	23.06	128	Iamb	Iamb	05 11 21.4
121A	Cookes Peak, D	23.06	128	P	P	05 11 02.9 +0.1
319A	Douglas	23.24	132	Iamb	Iamb	05 11 10.1
CBKS	Cedar Bluff	23.45	105	Iamb	Iamb	05 11 24.2
CBKS	Cedar Bluff	23.45	105	P	Pn	05 11 07.9 +1.2
SOLO	Sioux Lookout	23.96	74	P	P	05 11 11.3 -0.1
R32A	Long Quarter,	24.34	105	Iamb	Iamb	05 11 30.4
ATKO	Atikokan Iron	24.55	76	P	P	05 11 17.7 +0.9
MSTX	Muleshoe	24.75	118	P	P	05 11 20.4 +1.5
AMTX	Amarillo	24.75	115	Iamb	Iamb	05 11 32.7
AMTX	Amarillo	24.75	115	P	Pn	05 11 20.3 +1.4
PKLO	Pickle Lake	24.75	70	P	P	05 11 18.9 +0.2
EYMN	Ely	24.86	78	P	P	05 11 20.8 +1.1
EYMN	Ely	24.86	78	P	P	05 11 19.6 0.0
SPMN	Marine on St.	24.91	85	P	P	05 11 21.1 +0.9
MNTX	Cornudas Mount	24.98	125	P	P	05 11 22.0 +1.1
KSU1	Kansas State U	25.29	101	P	P	05 11 25.4 +1.7
TBO	Thunder Bay	25.99	76	P	P	05 11 31.2 +1.2
G40A	Rib Lake	26.60	83	Iamb	Iamb	05 11 55.7
WMOK	Wichita Mouna	26.61	111	Iamb	Iamb	05 11 45.0
WMOK	Wichita Mouna	26.61	111	P	P	05 11 36.0 +0.4
T35A	Sooner Cattle	26.63	105	Iamb	Iamb	05 11 48.4
I40A	Norwalk	26.68	86	Iamb	Iamb	05 11 57.7
OKCFA	Oklahoma City	26.98	109	Iamb	Iamb	05 11 45.2
P38A	Dawn	27.00	97	Iamb	Iamb	05 11 50.8
GTO	Geraldton	27.24	72	P	P	05 11 41.9 +0.7
ABTX	Abilene, Hawle	27.54	116	P	P	05 11 45.7 +1.6
JFWS	Jewell Farm	27.54	88	P	P	05 11 45.6 +1.6
TUL1	Leonard	27.71	106	Iamb	Iamb	05 11 47.8
TUL1	Leonard	27.71	106	P	P	05 11 46.4 +0.9
TXAR	Lajitas Array	27.75	126	P	P	

EEO	Eldee	33.24	75	P	P	05 12 34.7 +0.4
K51A	Iona Station	33.35	83	P	P	05 12 35.3 0.0
P50A	Jamestown	33.40	89	P	P	05 12 36.0 +0.3
F52A	Sundridge	33.42	76	P	P	05 12 36.1 +0.3
H52A	Wyevale	33.54	79	P	P	05 12 37.5 +0.6
M51A	Glyria	33.58	85	P	P	05 12 36.4 -0.8
ACSO	Alum Creek Sta	33.61	88	P	P	05 12 38.0 +0.5
E52A	Mattawa	33.65	75	P	P	05 12 37.7 -0.1
N51A	Ashland	33.66	86	P	P	05 12 37.9 0.0
Q50A	Georgetown	33.69	90	P	P	05 12 38.5 +0.3
VLDQ	Val d'Or	33.70	72	Iamb	Iamb	05 12 41.0
R50A	Paris	33.76	92	P	P	05 12 39.2 +0.4
J52A	Paris	33.79	81	P	P	05 12 39.0 0.0
K52A	Tillsonburg	33.84	82	P	P	05 12 39.5 0.0
O51A	Pataskalia	33.90	87	P	P	05 12 40.3 +0.2
D53A	Lac Vavie, Po	33.94	73	P	P	05 12 41.1 +0.8
P51A	Williamsport	33.95	89	P	P	05 12 40.5 0.0
SADO	Sadowa	33.97	78	Iamb	Iamb	05 12 42.7
LG4Q	La Grande 4	33.98	61	P	P	05 12 40.3 -0.3
Q51A	Peables	34.00	90	P	P	05 12 41.2 +0.5
M52A	Chesterland	34.02	84	P	P	05 12 41.2 +0.1
S50A	Richmond	34.05	92	P	P	05 12 41.8 +0.4
I53A	Kortright Cn E	34.09	80	P	P	05 12 42.4 +0.7
G53A	Haliburton	34.15	77	P	P	05 12 42.4 +0.2
N52A	McGinn's Farm,	34.16	86	P	P	05 12 43.3 +1.0
ALGO	Algonquin Park	34.17	75	P	P	05 12 42.0 -0.3
X48A	Hartselle	34.23	99	Iamb	Iamb	05 12 44.3
E53A	Dumoine, Ponti	34.24	75	P	P	05 12 43.3 +0.3
R51A	Hillsboro	34.24	91	P	P	05 12 43.5 +0.4
G54A	Lake Saint Pet	34.37	76	P	P	05 12 44.7 +0.6
H53A	Bolcaygeon	34.41	78	P	P	05 12 44.8 +0.3
O52A	Adamsville	34.42	87	P	P	05 12 45.2 +0.6
P52A	Corning	34.48	88	P	P	05 12 45.2 +0.1
M53A	WI Miller and	34.51	84	P	P	05 12 45.7 +0.3
E54A	Lac Daplat, Po	34.52	74	P	P	05 12 45.4 0.0
L53A	Girard	34.53	83	P	P	05 12 45.9 +0.3
D54A	Lac Fusel, La	34.57	73	P	P	05 12 46.1 +0.3
S51A	Beattyville	34.60	92	P	P	05 12 46.7 +0.6
ERPA	Erie	34.63	83	P	P	05 12 46.7 +0.3
N53A	Lisbon	34.72	85	Iamb	Iamb	05 12 49.0
N53A	Lisbon	34.72	85	P	P	05 12 47.5 +0.2
Q52A	Bidwell	34.75	89	P	P	05 12 47.3 -0.1
T51A	Gray	34.75	93	P	P	05 12 48.0 +0.5
O53A	New Philadelph	34.76	86	P	P	05 12 47.7 +0.2
R52A	Catlettsburg	34.84	90	P	P	05 12 48.4 +0.2
W50A	Signal Mountai	34.90	97	Iamb	Iamb	05 12 50.8
J54A	Appleton	34.96	80	P	P	05 12 49.1 -0.1
L54A	Sinclairville	35.01	82	P	P	05 12 49.8 +0.1
P53A	Whipple	35.04	88	P	P	05 12 50.3 +0.3
FPAL	Fort Paine	35.10	98	Iamb	Iamb	05 12 52.8
M54A	Oil Creek Stat	35.14	83	P	P	05 12 50.9 0.0
LRAL	Lakeview Retre	35.15	101	P	P	05 12 51.0 +0.1
I55A	Frankford	35.15	78	P	P	05 12 50.9 +0.1
N54A	Moraine State	35.20	84	P	P	05 12 50.8 -0.5
K54A	Basiliko Farm,	35.24	81	P	P	05 12 51.4 -0.2
TZTN	Tazewell	35.26	93	P	P	05 12 52.4 +0.6
F55A	Otter Lake	35.30	75	P	P	05 12 51.7 -0.4
T52A	Hallie	35.30	92	P	P	05 12 51.9 -0.4
G55A	Calabogie	35.31	76	P	P	05 12 51.9 -0.3
H55A	Tweed	35.32	77	P	P	05 12 52.5 +0.2
O54A	Avella	35.34	86	P	P	05 12 52.6 0.0
D55A	Sainte-Anne-du	35.36	72	P	P	05 12 52.8 +0.1
J55A	Hilton	35.50	80	Iamb	Iamb	05 12 55.5
J55A	Hilton	35.50	80	P	P	05 12 53.7 -0.1
X51A	Calhoun	35.58	97	P	P	05 12 55.3 +0.7
P54A	Burton	35.58	87	P	P	05 12 54.9 +0.2
K55A	Perry	35.59	81	P	P	05 12 53.8 -0.8
L55A	Hinsdale	35.61	82	P	P	05 12 54.7 -0.1
TKL	Tuckaleechee C	35.63	95	P	P	05 12 53.9 -1.1
TKL	Tuckaleechee C	35.63	95	Iamb	Iamb	05 12 59.9
V52A	Sevierville	35.63	94	Iamb	Iamb	05 12 56.9
T53A	Wise	35.67	92	P	P	05 12 55.8 +0.4
Q54A	Coxs Mills	35.68	88	P	P	05 12 56.0 +0.5
Z50A	Ashland	35.70	100	P	P	05 12 56.4 +0.6
Z50A	Ashland	35.70	100	Iamb	Iamb	05 12 58.1
Z50A	Ashland	35.70	100	P	P	05 12 55.3 +0.6
VABQ	Val Des Bois	35.74	74	P	P	05 12 56.9 0.0
M55A	Ridgway	35.75	83	P	P	05 12 56.3 +0.2
D56A	ZEC Mazanza, M	35.80	72	P	P	05 12 56.7 +0.3
E56A	St. Veronique	35.83	73	P	P	05 12 56.4 -0.3
H56A	Elgin	35.89	77	P	P	05 12 57.5 +0.3
GAC	Alen Almond	35.91	75	P	P	05 12 57.0 -0.3
N55A	Marion Center	35.95	84	P	P	05 12 58.3 +0.5
MCWV	Mont Chateau	35.97	86	P	P	05 12 58.2 +0.3
R54A	Victor	36.01	89	P	P	05 12 58.1 -0.2
S54A	Dingess, Beckl	36.01	90	P	P	05 12 58.7 +0.3
O55A	Ligonier	36.03	85	P	P	05 12 58.1 -0.4

P55A	Reedsville	36.06	86	P	P	05 12 58.5 -0.2
K56A	Middlesex	36.08	80	P	P	05 12 59.2 +0.3
J56A	Wolcott	36.11	79	P	P	05 12 58.8 -0.3
M56A	Emporium	36.12	82	P	P	05 12 59.2 0.0
Z51A	Franklin	36.15	99	Iamb	Iamb	05 13 18.1
Q55A	Buckhannon	36.16	87	P	P	05 12 59.7 0.0
TRQ	Moit Tremblant	36.27	73	P	P	05 13 00.9 +0.4
D57A	Chemin Vers le	36.35	72	P	P	05 13 01.1 0.0
U54A	Nelsons Funny	36.40	92	P	P	05 13 01.8 0.0
E57A	Chemin Saint G	36.44	73	P	P	05 13 01.9 0.0
G57A	Newington	36.48	75	P	P	05 13 02.5 +0.3
O56A	Blue Knob Stat	36.49	84	P	P	05 13 02.1 -0.3
H57A	Richville	36.51	76	P	P	05 13 02.3 -0.1
Y52A	Lilburn	36.53	97	Iamb	Iamb	05 13 05.0
Y52A	Lilburn	36.53	97	P	P	05 13 03.4 +0.6
R55A	Marlinton	36.53	88	P	P	05 13 03.2 +0.4
K57A	Scipio Center	36.59	80	P	P	05 13 03.6 +0.4
J57A	Williamstown	36.60	78	P	P	05 13 03.7 +0.4
X53A	Estanollee	36.63	96	P	P	05 13 04.1 +0.4
P56A	Dayton Farm, R	36.71	86	P	P	05 13 04.5 +0.2
Q56A	Snyor Ridge,	36.73	87	P	P	05 13 04.7 +0.2
L57A	Andrews Acres	36.73	81	P	P	05 13 04.8 +0.4
T55A	Pulaski	36.74	90	P	P	05 13 04.0 -0.6
V54A	Nebo	36.75	93	P	P	05 13 05.8 +1.1
I52A	Waverly Hall	36.85	100	Iamb	Iamb	05 13 07.3
M57A	Sunshine Farm,	36.88	82	P	P	05 13 06.1 +0.5
LATQ	La Tuque	36.89	71	P	P	05 13 06.0 +0.3
N57A	Milroy	36.90	83	P	P	05 13 05.8 -0.1
N57A	TA2, Sparta	36.92	91	P	P	05 13 06.6 +0.4
R56A	Bull Pasture M	36.93	88	P	P	05 13 06.1 -0.2
D58A	Chemin du LacG	36.95	71	P	P	05 13 06.4 +0.2
LONY	Lake Ozonia	36.95	76	P	P	05 13 06.2 -0.1
W54A	Cherokee Point	37.01	94	P	P	05 13 06.8 +0.1
G58A	Orms town	37.05	75	P	P	05 13 07.1 +0.1
J58A	Remsen	37.08	78	P	P	05 13 06.8 -0.6
O57A	Amberson	37.12	84	P	P	05 13 07.8 0.0
I58A	Old Forge	37.13	77	P	P	05 13 07.1 -0.7
K58A	Earville	37.14	79	P	P	05 13 08.1 +0.2
V55A	Taylorville	37.19	93	P	P	05 13 08.6 +0.2
BINY	Binghamton	37.19	80	P	P	05 13 08.0 -0.3
GOGA	Godfrey	37.20	98	Iamb	Iamb	05 13 10.8
GOGA	Godfrey	37.20	98	P	P	05 13 09.4 +1.0
X54A	Belton	37.21	95	P	P	05 13 08.2 -0.4
S56A	Natural Bridge	37.23	89	P	P	05 13 09.1 +0.4
Q57A	Strasburg	37.24	86	P	P	05 13 09.2 +0.5
P57A	Homestead Farm	37.26	85	Iamb	Iamb	05 13 13.5
P57A	Homestead Farm	37.26	85	P	P	05 13 09.1 +0.2
T56A	Roy Mit	37.29	90	P	P	05 13 09.0 -0.2
H58A	Gabriels	37.30	76	P	P	05 13 09.4 +0.1
L58A	Harry Jones Me	37.36	80	P	P	05 13 10.1 +0.4
N58A	Sunbury	37.40	82	P	P	05 13 10.3 +0.2
352A	Blakely	37.49	101	Iamb	Iamb	05 13 12.8
H59A	Cadyville	37.51	75	P	P	05 13 10.9 -0.1
KM5C	Kings Mountain	37.53	94	Iamb	Iamb	05 13 13.1
KM5C	Kings Mountain	37.53	94	P	P	05 13 11.3 0.0
J59A	Piesco	37.54	77	P	P	05 13 11.4 +0.2
R57A	Stardsville	37.57	87	P	P	05 13 12.4 +0.8
S57A	Dark Hollow, R	37.58	88	Iamb	Iamb	05 13 22.1
S57A	Dark Hollow, R	37.58	88	P	P	05 13 12.7 +1.0
DAQ	Lac Daran	37.60	69	P	P	05 13 13.1 +1.2
G59A	Clarenceville	37.63	74	P	P	05 13 12.8 +0.9
D59A	Sail Raymond	37.63	71	P	P	05 13 12.0 0.0
O58A	Lewisberry	37.64	84	P	P	05 13 12.8 +0.7
K59A	Cooperstown	37.64	79	P	P	05 13 11.7 -0.5
V56A	Mocksville	37.69	92	P	P	05 13 13.1 +0.5
P58A	Pank, Wackersv	37.72	85	P	P	05 13 12.0 -0.8
SCHO	Schefferville	37.73	57	P	P	05 13 12.3 -0.4
SCHO	Schefferville	37.73	57	Iamb	Iamb	05 29 03.4
SCHO	Schefferville	37.73	57	P	P	05 13 13.5 +0.8
SCHO	Schefferville	37.73	57	Iamb	Iamb	05 13 29.3
X55A	Gracelyn J Avo	37.74	95	P	P	05 13 13.3 +0.3
Q58A	Fox Den Farm,	37.77	86	P	P	05 13 13.2 0.0
M59A	Waymart	37.88	81	P	P	05 13 14.0 -0.2
R58A	Raplan	37.91	87	P	P	05 13 14.3 -0.1
Y55A	Saluda	37.92	96	P	P	05 13 15.2 +0.7
N59A	State Game Lan	37.98	82	Iamb	Iamb	05 13 17.4
N59A	State Game Lan	37.98	82	P	P	05 13 14.5 -0.5
O60A	Warwick	38.01	72	P	P	05 13 15.2 0.0
F59A	Robesonia	38.02	83	P	P	05 13 15.1 -0.2
W56A	Indian Trail	38.03	93	P	P	05 13 14.9 -0.6
X56A	White Oak	38.12	94	P	P	05 13 16.6 +0.4
R58B	Mineral	38.18	87	Iamb	Iamb	05 13 21.6
R58B	Mineral	38.18	87	P	P	05 13 17.0 +0.4
P59A	Jarrettsville	38.23	84	P	P	05 13 17.7 +0.6
D60A	Sail Jean D'O	38.24	70	P	P	05 13 17.1 0.0

J60A	Lant Hill Farm	38.34	77	P	P	05 13 18.6 +0.6
CBN	Corbin Frederi	38.37	86	P	P	05 13 17.9 -0.4
TIGA	Tifton	38.38	100	P	P	05 13 18.8 +0.4
BIRD	Birdtown, Kers	38.41	93	Iamb	Iamb	05 13 20.8
W57A	Gilead	38.41	92	P	P	05 13 19.1 +0.4
N60A	Cedar Hill Far	38.44	81	P	P	05 13 18.5 -0.4
M60A	Port Jervis	38.51	80	P	P	05 13 18.8 -0.6
O60A	Telford	38.52	82	P	P	05 13 19.2 -0.3
G61A	St-Isidore-de-	38.58	73	P	P	05 13 20.5 +0.4
V58A	Windy Hill, Pi	38.60	91	P	P	05 13 20.8 +0.5
Z56A	Williston	38.62	96	P	P	

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

NIED 01 05:19:00, 37.20N, 142.20E, h29km, Mw3.7 Best double couple: M3.72000x10^14 NP1.3347.00000, 880.00000, lambda 108.00000, NP2.305.00000, delta 20.00000, lambda 30.00000. JMA 01 05:19:55.0, 3.37, 22N, 142.16E, h37km, M3.9

ISC 01 05:19:57.3, 3.47, 20N, 142.17E, h43km, 35km, mb3.5/5, mb1 3.9/9, mb1mx3.5/43, mbtmp3.9/9, ML3.5/4, MS2.7, MS1 2.7/2, ms1mx2.5/29, Error ellipse: s-maj=30.3km, s-min=20.6km, az=64.0

ISC 01 05:19:54.2, 3.01, 37.17N, 105.142, 10E, 0.07, h15km, 12km, n29, c189/32, mb3.8/5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishiy, JMK Ichinosaki, etc.

ISC 01 05:19:13.7, 1.3, 47.59N, 156.39E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/38, mbtmp3.4/5, ML2.1/1, Error ellipse: s-maj=39.5km, s-min=26.2km, az=116.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PETK Petropavlovsk, H1S1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H1S2 WAKE ISLAND Hy, MKAR Makanchi Array, YKA Yellowknife Ar, etc.

ISC 01 06:13:11.0, 1.1, 33.41N, 137.67E, h273km, 26km, mb3.0/3, mb1 3.0/5, mb1mx2.7/53, mbtmp3.5/5, Error ellipse: s-maj=55.1km, s-min=14.5km, az=63.0

JMA 01 06:13:11.5, 0.4, 33.73N, 137.51E, h308km, M3.2

ISC 01 06:13:11.5, 0.4, 33.73N, 0.1, 138.5E, 0.2, h131km, 12km, n13, c0871/18, mb3.1/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHJ Hachijo jima 2, JOD2 Odawara 2, JYJ2 Shimob, etc.

ISC 01 06:18:17.6, 3.5, 4.04S, 102.12E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.4/34, mbtmp3.5/5, Error ellipse: s-maj=158.6km, s-min=24.0km, az=54.0

DJA 01 06:18:26.3, 0.8, 4.5, 10.2E, h37km, 14km, M4.0/8, MLV4.0/8

ISC 01 06:18:25.1, 2.4, 1.9S, 109.102, 06E, 0.07, h66km, 11km, n20, c0820/25, mb3.8/5, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSI Kapahiang, MNAI Mana, MDSI Maura Dua, etc.

GCG 01 06:30:10.8, 0.6, 15.21N, 93.48W, h35km, 999km, MD4.2

MEX 01 06:30:11.7, 0.5, 15.19N, 93.40W, h12km, 13km, MD4.0

ISC 01 06:30:06.7, 3.2, 15.3N, 0.1, 93.40W, 0.09, h1km, 20km, n7, c140/13, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like THIG Waki Yagi, TGIG Tegu, CCIG Comitan, etc.

ISC 01 06:32:41.0, 2.5, 2.05N, 127.62E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/5, mbtmp3.3/3, Error ellipse: s-maj=182.3km, s-min=28.4km, az=67.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, etc.

DSN 01 06:37:11.6, 2.0, 28.93N, 57.88E, h10km, ML5.1/7, Error ellipse: s-maj=29.6km, s-min=18.2km, az=110.0

MOS 01 06:37:17.0, 1.1, 28.03N, 57.75E, h10km, mb4.6/16, Error ellipse: s-maj=8.1km, s-min=5.0km, az=98.4

ISC 01 06:37:17.0, 1.1, 28.19N, 57.78E, h0km, mb4.2/26, mb1 4.3/33, mb1mx4.2/64, mbtmp4.2/33, ML4.1/6, MS3.4/13, MS1 3.4/13, ms1mx3.0/60, Error ellipse: s-maj=13.5km, s-min=11.9km, az=122.0

THR 01 06:37:18.0, 0.4, 28.11N, 57.66E, h15km, ML4.4

NEIC 01 06:37:19.1, 0.2, 28.13N, 57.73E, h0km, h10km, 1km, mb4.4/34, mb1.0/4, 4.1(EH), Error ellipse: s-maj=12.6km, s-min=9.2km, az=166.0

TEH 01 06:37:20.1, 28.18N, 57.80E, h17km, ML4.4

OMAN 01 06:37:22.4, 2.2, 28.17N, 57.93E, h25km, 15km, mb4.8/2, m4.4/15, ms2.8/1, Error ellipse: s-maj=24.3km, s-min=5.9km, az=281.0

ISC 01 06:37:19.4, 0.3, 28.18N, 0.03, 57.77E, 0.04, h10km, n247, c1888/259, mb4.4/62, MS3.4/12, SC-3D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KHNU Kahnooj, NIAN Nian, GENO Geno, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GENO Cheshme madani, CHMN Negar Kerman, NGRK Kerman, etc.

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SHME Shamm, SHME Shamm, BANOM Banah, etc.

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HATD Hatta, Dubai, HATD Hatta, Dubai, NAZ Nazwa, Dubai, etc.

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASHO Ashiyah, ASHO Ashiyah, FAQ Al Faqa, Dubai, etc.

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

ISC 01 06:38:24.1, 0.2, 28.18N, 57.80E, h17km, ML4.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARQ Wadi Sarin, WSAR Wadi Sarin, ICHK Chekchek, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PET, PETP, PETK, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like YKA, DGZ, GURM, etc.

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

DSN 01 06:40:17.2, 0.2, 28.45N-58.22E, h10km, ML4.9/7, Error ellipse: s-maj=69.2km s-min=11.7km az=133.0

NCEDC 01 06:41:34.6, 1.6, 36.59N-0.03-121.19W, 0.05, h7km, 5km, Mw=3.3, Error ellipse: s-maj=6.8km s-min=2.1km az=56.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KHNJ, KHNJ, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BPIM, BEHM, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like HERM Elkhorn Road, PCCM Crazy Canyon, PMPB Monarch Peak, etc.

RSNC 01 06:45:00.1, 1.8, 7N, 77.48W, h8km, 5km, ML2.4
UPA 01 06:45:08.3, 0.9, 8.3N, 77.81W, h16km, 5km, MW3.7

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ZARC comp=Z,7.9nm,0.7, PTBC PUERTO BERRIO, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LPZA comp=Z,1.9nm,0.8s, bazu=333, slow=8.6, SNR=6.3, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KKAR Karatay Array, ZALV Zalesovo Beam, etc.

PGC 01 07:10:33.9, 0.6, 48.92N x 129.59W, h10km, ML3.2/19.3, Mw3.5/1.3, 252km southwest of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KEMF NEPTUNE Canada, KEMF Paso Flores, etc.

IDC 01 07:12:19.0, 1.9, 8.74S, 122.23E, h0km, mb3.4/1, mb1 3.5/4, mb1mx3.3/33, mbtmpp3.4/2, ML3.3/3, Error ellipse: s-maj=156.7km s-min=28.2km az=59.0, Flores region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

INET 01 08:00:12.5, 12.52N, 87.81W, h70km, ML3.1, SNET 01 08:00:12.9, 0.8, 12.50N, 87.93W, h32km, 4km, ML3.4

IDC 01 08:00:16.3, 1.6, 13.13N, 87.64W, h93km, 30km, mb3.1/4, mb1 3.4/6, mb1mx3.2/37, mbtmpp3.5/6, MS2.9/1, Ms1 2.9/1, ms1mx2.4/18, Error ellipse: s-maj=60.3km s-min=13.6km az=40.0

ISC 01 08:00:10.8, 2.5, 12.5N, 0.2D, 87.76W, 0.09, h76km, 13km, n27, 0.95/39, mb3.3/4, 22, Near coast of Nicaragua region

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

IDC 01 08:03:41.4, 2.9, 8.37S, 147.16E, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.4/41, mbtmpp3.5/4, ML3.4/2, MS3.2/1, Ms1 3.2/1, ms1mx2.4/23, Error ellipse: s-maj=59.8km s-min=14.4km az=79.0, Eastern New Guinea region

1d 10h

Table with columns: Station Name, Frequency, Mode, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like Fox Glacier, Lake Benmore, Otahua Downs, etc.

2014 APR

Table with columns: Station Name, Frequency, Mode, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like Lanzhou, Kashi, Arces, etc.

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Table with columns: Station Name, Frequency, Mode, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like WVDW, TDCB, NWLW, etc.

TWH	baz=212	i	S	Sn	10 28 59.2 -1.6
WJS	baz=212 Zhusan	1.46 265	P	Pb	10 28 45.5 +1.0
WJS	baz=263	e	S	Sb	10 29 04.0 +1.4
TWQ1	baz=263 Liyutan	1.47 286	i	P	10 28 44.7 +0.2
TWQ1	baz=282	i	S	Sb	10 29 04.3 +1.5
TWY	baz=282 Chenhua	1.47 334	P	Pb	10 28 44.2 -0.4
TWY	baz=330	S	S	Sb	10 29 03.3 +0.4
SBCB	baz=330 Hsinchu	1.47 305	P	Pb	10 28 44.9 +0.3
SBCB	baz=300	e	S	Sb	10 29 03.3 +0.4
HSN	baz=300 Hsinchu	1.49 305	P	Pb	10 28 44.6 -0.4
HSN	baz=302	S	S	Sb	10 29 03.8 +0.3
NSY	baz=302 Sanyi	1.49 288	P	Pb	10 28 45.1 +0.1
NSY	baz=285	S	S	Sb	10 29 05.4 +1.8
WNT	baz=285 Mingjian	1.50 267	P	Pb	10 28 45.8 +0.8
WNT	baz=285	e	S	Sb	10 29 04.7 +1.1
NMLH	baz=285 Miaoqi	1.51 293	e	P	10 28 45.1 -0.1
NMLH	baz=289	e	S	Sb	10 29 05.7 +1.6
TCU	baz=289 Taichung	1.51 278	e	P	10 28 45.7 +0.3
TCU	baz=275	e	S	Sb	10 29 05.7 +1.5
CHNS	baz=275 Tsauling	1.54 257	P	Pb	10 28 45.8 -0.1
CHNS	baz=245	S	S	Sb	10 29 05.6 +0.5
PTSB	baz=245 Yuanli	1.55 289	P	Pb	10 28 46.3 +0.3
PTSB	baz=285	e	S	Sb	10 29 05.9 +0.6
JKRS	baz=285 Kuro-shima	1.57 79	P	Pb	10 28 46.2 -0.1
JKRS	baz=285	e	S	Sb	10 29 06.0 +0.3
WDJ	baz=285 Dajia District	1.58 285	P	Pb	10 28 46.1 -0.4
WDJ	baz=281	e	S	Sb	10 29 07.0 +0.9
TWGBT	baz=281 Beinan	1.60 225	P	Pn	10 28 44.9 +0.3
TWGBT	baz=237	S	S	Sn	10 29 03.6 -0.9
TTN	baz=237 Taitung	1.61 222	e	S	10 29 05.2 +0.7
TWG	baz=222 Pinlang	1.61 226	P	Pn	10 28 44.9 +0.2
TWG	baz=237	S	S	Sn	10 29 03.8 -0.7
TWG	baz=237 Pinlang	1.61 226	P	Pn	10 28 44.3 -0.3
TWG	baz=222	S	Sn	Sn	10 29 03.4 -1.1
WCHH	baz=272 Zhanghua	1.61 275	P	Pb	10 28 47.2 +0.2
WCHH	baz=272	e	S	Sn	10 29 06.1 +1.5
STYT	baz=272 Tuyuan	1.64 242	P	Pn	10 28 46.7 +1.7
STYT	baz=231	e	S	Sn	10 29 06.3 +1.1
WDLH	baz=231 Douliu	1.65 261	e	P	10 28 48.1 +0.5
WDLH	baz=259	e	S	Sn	10 29 07.3 +1.7
TPUB	baz=259 Ta-pu	1.68 248	e	P	10 28 47.2 +1.6
TPUB	baz=246	S	S	Sb	10 29 09.1 +0.2
TPUB	baz=246 Ta-pu	1.68 248	P	Pb	10 28 47.9 -0.3
TPUB	baz=246	S	Sn	Sn	10 29 07.4 +1.1
PCYT	baz=246 Pengchaiyu	1.68 352	e	P	10 28 45.6 0.0
CHN4	baz=246 Tsauhsan	1.69 250	P	Pb	10 28 48.6 +0.2
CHN4	baz=248	S	S	Sb	10 29 09.8 +0.5
WTP	baz=248 Ta-pu	1.71 246	P	Pn	10 28 48.1 +2.0
WTP	baz=245	S	S	Sb	10 29 10.2 +0.3
JJJ	baz=245 Ishigaki jima	1.72 76	P	Pb	10 28 47.3 +1.2
JJJ	baz=245	S	S	Sb	10 29 09.5 -0.4
CHN2	baz=245 Minshiang	1.74 256	e	S	10 29 10.5 -0.2
RLNB	baz=245 Erlin	1.79 268	P	Pb	10 28 49.3 -0.8
RLNB	baz=280	S	S	Sb	10 29 13.0 +0.9
CHY	baz=280 Chiayi	1.79 256	P	Pn	10 28 49.3 +2.1
CHY	baz=254	e	S	Sb	10 29 12.3 +0.1
SLGT	baz=254 Liugui	1.81 238	P	Pn	10 28 47.9 +0.5
SLGT	baz=229	e	S	Sn	10 29 11.6 +2.2
CHN1	baz=229 Nanshi	1.81 245	P	Pb	10 28 50.2 -0.2
CHN1	baz=244	S	S	Sn	10 29 10.9 +1.4
TKW	baz=244 Hsiyung	1.81 248	P	Pb	10 28 50.2 -0.3
SGST	baz=247 Jlashian	1.81 242	P	Pn	10 28 49.3 +1.8
SGST	baz=231	S	S	Sb	10 29 12.3 -0.4
SNST	baz=231 Tainan City	1.82 247	P	Pb	10 28 50.4 -0.2
SNST	baz=246	S	S	Sb	10 29 13.2 +0.2
ECL	baz=246 Taimali	1.84 223	P	Pn	10 28 47.9 +0.1
ECL	baz=223	S	S	Sn	10 29 09.1 -1.2
WTCT	baz=223 Ta-ch'eng	1.87 268	e	P	10 28 49.1 +0.9
WTCT	baz=265	e	S	Sb	10 29 15.1 +0.8
JISG	baz=265 Ishigakijimahi	1.92 70	P	Pn	10 28 49.9 +1.0
JISG	baz=259	S	S	Sn	10 29 13.9 +1.6
WSF	baz=259 Sshu	1.95 261	e	S	10 29 16.7 +0.2
SSD	baz=226 Sandimen	1.96 233	P	Pn	10 28 51.4 +1.9
SSD	baz=226	e	S	Sb	10 29 15.1 +1.9
CHN3	baz=226 Shinhua	2.00 244	e	S	10 29 19.5 +1.5
LAY	baz=244 Lan-yu	2.03 200	P	Pn	10 28 49.8 -0.7
LAY	baz=210	e	S	Sn	10 29 13.0 -2.0
MASBT	baz=210 Mashibuluo	2.05 230	e	P	10 28 52.4 +1.8
MASBT	baz=224	e	S	Sn	10 29 16.5 +1.1
EAST	baz=224 Anshuo	2.07 221	e	P	10 28 51.1 +0.2
EAST	baz=222	e	S	Sn	10 29 15.6 -0.4
SGLT	baz=222 Jiouru	2.08 234	e	P	10 28 53.0 +1.9
SSPT	baz=234 Xinbi	2.18 228	e	P	10 28 53.9 +1.5
SSPT	baz=223	e	S	Sn	10 29 20.4 +1.9
SCZT	baz=223 Fangliu	2.22 225	e	P	10 28 54.1 +1.1
SCZT	baz=219	e	S	Sn	10 29 20.9 +1.3
JTJ	baz=219 Tarama	2.28 72	P	Pb	10 28 55.6 +1.8
JTJ	baz=219	S	S	Sb	10 29 24.0 -2.1
TSEB	baz=219 Hengchuen, Pin	2.43 213	e	P	10 28 57.8 +1.9

TSEB	baz=215	e	S	Sn	10 29 26.1 +1.4
TWKBT	baz=215 Hengchun	2.44 215	e	P	10 28 56.4 +0.4
TWKBT	baz=216	e	S	Sn	10 29 25.7 +0.7
TWK1	baz=216 Hengchun	2.44 215	e	P	10 28 56.9 +0.8
TWK1	baz=216	e	S	Sn	10 29 25.0 0.0
WDGT	baz=216 Dungji	2.54 255	e	P	10 28 58.5 +1.2
WDGT	baz=242	e	S	Sn	10 29 28.2 +0.9
PHUB	baz=242 Peng-hu	2.56 261	e	P	10 28 59.2 +1.6
PHUB	baz=259	e	S	Sn	10 29 29.8 +2.0
PNG	baz=259 Penghu	2.56 262	e	P	10 28 58.7 +1.0
PNG	baz=260	e	S	Sn	10 29 29.8 +1.8
JIRB	baz=260 Irabujima	2.74 71	P	P	10 29 02.1 +1.9
JIRB	baz=260	S	S	Sn	10 29 35.2 +2.7
VCHM	baz=260 Qimei	2.75 255	e	P	10 29 02.4 +2.1
VCHM	baz=253	e	S	Sn	10 29 34.4 +1.7
PTTC	baz=253 Pingtan	2.78 304	e	P	10 29 01.3 +0.5
PTTC	baz=299	e	S	Sn	10 29 34.0 +0.5
VWUC	baz=299 WYUC	2.81 292	e	P	10 29 01.5 +0.4
JIKM	baz=290 Ikemajima	2.84 70	S	Sn	10 28 37.8 +2.9
JMJ2	baz=290 Miyako jima3	2.85 73	P	P	10 29 03.8 +2.1
JMJ2	baz=290	S	S	Sn	10 29 38.1 +2.8
JOGS	baz=290 Gusukube	2.93 73	e	S	10 29 39.2 +2.1
MATB	baz=310 Ma-tsu	3.07 316	e	P	10 29 04.5 -0.2
MATB	baz=310	e	S	Sn	10 29 40.7 +0.1
PTMZ	baz=310 Houxiangcun	3.11 291	e	P	10 29 05.7 +0.4
PTMZ	baz=287	e	S	Sn	10 29 42.3 +0.8
LYJJ	baz=287 Jianjiangzhen	3.47 319	e	P	10 29 10.2 0.0
LYJJ	baz=316	e	S	Sn	10 29 11.4 +0.3
XPSS	baz=316 Dashiqiu	3.53 327	e	P	10 29 11.4 +0.3
XPSS	baz=309	e	S	Sn	10 29 54.0 +2.0
KNM	baz=309 Kinmen	3.58 278	e	P	10 29 13.9 +2.3
KNM	baz=274	e	S	Sn	10 29 55.6 +2.5
KNMB	baz=274 Chin-men Tao	3.62 279	e	P	10 29 12.8 +0.5
KNMB	baz=275	e	S	Sn	10 29 53.3 -0.9
KNMB	baz=275 Chin-men Tao	3.62 279	P	Pn	10 29 13.3 +0.9
MHZO	baz=303 Yeshan	3.67 306	e	P	10 29 13.0 +0.1
AXDP	baz=303 Jialiang	4.07 284	e	P	10 29 19.0 +0.5
AXDP	baz=280	e	S	Sn	10 30 06.2 +0.9
ZPLA	baz=280 Ao Xicun	4.18 271	e	P	10 29 20.4 +0.4
ZPLA	baz=267	e	S	Sn	10 30 08.3 +0.3
KSR5	baz=267 Korea Array	14.29 18	P	P	10 31 43.1 -2.2
KSR5	comp=Z,5.6nm,18.7s,slow=154,slow=38	LR	LR	LR	10 37 20.3
ASAJ	baz=267 Asahikawa	26.08 35	LR	LR	10 43 42.4
ASAJ	comp=Z,4.2nm,20.6s,slow=128,slow=35	LR	LR	LR	10 44 35.9
KLR	baz=267 Kul'dur	26.30 14	LR	LR	10 44 35.9
KLR	comp=Z,5.6nm,18.4s,slow=186,slow=37	LR	LR	LR	10 33 55.2 -0.5
ULN	baz=267 Ulanbaatar	26.77 337	P	P	10 33 56.2
ULN	comp=Z,4.7nm,0.8s	I	Amb	I	10 33 56.2
SONM	baz=267 Songio Array	26.99 336	P	P	10 33 57.6 0.0
SONM	comp=Z,6.1nm,0.8s,slow=150,slow=10.0,SNR=34	P	P	P	10 45 49.6
SONM1	baz=267 Sonm	26.99 336	P	P	10 33 57.4 -0.2
SONM1	comp=Z,7.3nm,18.1s,slow=224,slow=36	LR	LR	LR	10 35 42.4 -1.6
MK31	baz=267 Makanochi Array	39.22 316	P	P	10 35 45.2
MK31	comp=Z,1.3nm,0.8s	I	Amb	I	10 35 44.7 +0.7
MKAR	baz=267 Makanochi Array	39.22 316	P	P	10 35 44.7 +0.7
MKAR	comp=Z,1.0nm,0.5s,slow=102,slow=10,SNR=16	LR	LR	LR	10 53 27.2
MKAR	baz=267 Makanochi Array	39.22 316	P	P	10 35 42.1 -1.9
MKAR	comp=Z,4.4nm,18.4s,slow=84,slow=38	LR	LR	LR	10 35 42.1 -1.3
ZAAO	baz=267 Zalesovo Array	41.00 327	P	P	10 35 58.7
ZAAO	comp=Z,3.3nm,0.9s	I	Amb	I	10 35 57.6 -0.9
ZALV	baz=267 Zalesovo Beam	41.00 327	P	P	10 35 57.6 -0.9
ZALV	comp=Z,3.1nm,0.6s,slow=119,slow=7.0,SNR=16	P	P	P	10 35 57.3 -1.3
WRA	baz=267 Warramung Arr	45.18 164	P	P	10 36 33.8 +1.1
WRA	comp=Z,0.9nm,0.6s,slow=346,slow=8.6,SNR=1.2	P	P	P	10 36 43.8 +1.3
KKAR	baz=267 Kararay Array	46.43 307	P	P	10 36 59.2 -0.6
AS31	baz=267 Alice Springs	48.66 166	P	P	10 37 02.5 +2.7
AS31	comp=Z,0.4nm,0.5s,slow=353,slow=13,SNR=13	P	P	P	10 37 00.2 +0.3
ASAR	baz=267 Alice Springs	48.66 166	P	P	10 37 41.8 -0.4
ASAR	comp=Z,0.6nm,0.6s,slow=322,slow=6.5,SNR=4.0	P	P	P	10 39 40.5 +0.5
FINES	baz=267 FINES Array B	72.16 330	P	P	10 39 39.3 -0.7
FINES	comp=Z,0.6nm,0.6s,slow=62,slow=6.5,SNR=4.0	P	P	P	10 39 48.2 -1.3
AKAS	baz=267 Malin Array Be	73.73 319	P	P	10 39 52.6 +0.2
AKAS	comp=Z,0.5nm,0.4s,slow=61,slow=6.3,SNR=4.8	P	P	P	10 39 52.5 +0.2
BR131	baz=267 Keskin Array S	74.14 307	P	P	10 39 52.5 +0.2
BR131	comp=Z,1.8nm,0.8s,slow=99,slow=6.6,SNR=9.4	P	P	P	10 39 52.3 -0.1
BRTR	baz=267 Keskin Array B	74.14 307	P	P	10 40 39.0 -0.4
BRTR	comp=Z,0.4nm,0.6s,slow=310,slow=4.5,SNR=9.9	P	P	P	10 40 44.9 +0.5
YKA	baz=267 Yellowknife Ar	82.78 207	P	P	10 40 44.9 +0.5
YKA	comp=Z,0.3nm,0.5s,slow=63,slow=5.8,SNR=3.9	P	P	P	10 47 54.2 +0.3
GERES	baz=267 GERES Array B	83.67 321	P	P	10 47 54.2 +0.3
GERES	comp=Z,0.3nm,0.5s,slow=63,slow=5.8,SNR=3.9	P	P	P	
SDV	baz=267 Santo Domingo	144.99 23	PKP	PKPdf	10 47 54.2 +0.3
SDV	comp=Z,2.4nm,0.6s,slow=292,slow=5.8,SNR=3.9	P	P	P	

ETLH	baz=328 Xiulin Townshi	0.84 290	P	Pg	10 30 11.0 +0.1
ETLH	baz=286	S	S	Sb	10 30 21.9 -0.1
ESL	baz=286 Shilin	0.85 263	i	P	10 30 11.8 +0.7
ESL	baz=256	S	S	Sn	10 30 22.8 -1.1
EGFH	baz=256 Guangfu	0.88 254	P	Pn	10 30 11.9 -0.3
EGFH	baz=247	S	S	Sn	10 30 24.7 0.0
HGSD	baz=247 Ruitai	0.95 243	S	S	10 30 26.6 +0.2
ILA	baz=237 Ilan	1.00 327	S	S	10 30 26.6 +0.2
ENTT	baz=328 Nioudou	1.01 315	i	P	10 30 14.0 -0.1
ENTT	baz=315	i	S	Sb	10 30 26.3 -0.5
WHF	baz=315 Hehuan Shan	1.02 283	i	P	10 30 14.0 -0.3
WHF	baz=279	i	S	Sb</	

V58A	baz=165 Windy Hill, Pi	32.79	8	P	P	10 44 05.2	0.0
V57A	baz=189 Coltrane Farms	32.80	7	P	P	10 44 05.7	+0.4
CLTN	baz=188 Cedars of Leba	32.80	357	P	Iamb	10 44 05.0	-0.3
CLTN	comp=Z,7.9nm,1.1s Wooly Hollow	32.80	348	P	Iamb	10 44 04.7	-0.7
WHAR	comp=Z,16nm,1.2s WHAR					10 44 06.0	
WVT	Waverly	32.95	355	P	P	10 44 05.8	-0.8
WVT	comp=Z,8.3nm,0.8s Waverly	32.95	355	P	P	10 44 06.5	-0.8
W39A	Magazine	33.06	346	P	P	10 44 07.6	+0.1
W39A	comp=Z,20nm,1.5s Magazine	33.06	346	P	Iamb	10 44 08.7	
U49A	Red Boiling Sp	33.19	358	P	P	10 44 07.0	-0.6
U49A	comp=Z,12nm,1.1s Tazewell	33.20	1	P	Iamb	10 44 08.6	-0.2
TZTN	comp=Z,16nm,1.1s Tazewell	33.20	1	P	Iamb	10 44 08.0	-0.8
TZTN	comp=Z,16nm,1.1s Tazewell	33.20	1	P	P	10 44 08.7	-0.1
U54A	Nelsons Funny	33.24	4	P	P	10 44 09.2	0.0
U54A	comp=Z,19nm,1.4s Nelsons Funny	33.24	4	P	Iamb	10 44 09.7	
U54A	TA2, Sparta	33.28	5	P	P	10 44 09.5	+0.2
U55A	baz=186 Lake Charles	33.34	350	P	P	10 44 09.5	-0.1
LCAR	U58A	33.46	8	P	P	10 44 09.5	-0.5
U58A	Oxford	33.46	8	P	P	10 44 10.5	-0.5
T51A	Gray	33.62	0	P	P	10 44 11.8	-0.6
T53A	baz=180 Wise	33.67	2	P	P	10 44 11.9	-0.1
T50A	baz=183 Nancy	33.67	359	P	P	10 44 12.5	-0.5
T50A	baz=179 Nancy	33.67	359	P	P	10 44 12.5	-0.5
X34A	Smith Ranch, M	33.72	340	P	P	10 44 13.6	+0.2
T47A	Sharon Grove	33.74	356	P	Iamb	10 44 13.1	-0.4
T47A	comp=Z,9.6nm,1.0s Edmonton	33.77	358	P	Iamb	10 44 14.3	
T49A	Edmonton	33.77	358	P	P	10 44 13.7	-0.1
T52A	baz=178 Hallie	33.77	2	P	P	10 44 14.1	+0.3
T54A	baz=182 Tazewell	33.80	4	P	P	10 44 13.9	-0.2
T56A	baz=185 Rocky Mt	33.90	6	P	P	10 44 15.1	+0.2
T55A	baz=188 Pulaski	33.91	5	P	P	10 44 15.2	+0.1
U40A	baz=186 Yellville	33.95	347	P	P	10 44 15.0	-0.4
U40A	comp=Z,10.0nm,0.9s Yellville	33.95	347	P	Iamb	10 44 16.1	
U40A	baz=164,SNR=7.6 Hurt	33.96	7	P	P	10 44 15.0	-0.4
T57A	baz=189 Santo Antonio	34.01	125	eP	P	10 44 15.2	-0.2
SALV	Double "B" Far	34.18	10	P	P	10 44 16.4	+0.4
T59A	baz=192 Van Buren	34.27	350	P	P	10 44 16.8	-0.5
T42A	comp=Z,11nm,0.9s Leonard	34.27	343	P	Iamb	10 44 17.6	-0.5
TUL1	Leonard	34.27	343	P	P	10 44 17.7	-0.5
S51A	baz=159 Beattyville	34.29	1	P	P	10 44 17.7	-0.5
S50A	baz=181,SNR=7.6 Richmond	34.33	360	P	P	10 44 18.0	-0.3
U38A	baz=180 Gravette	34.39	345	P	P	10 44 18.6	0.0
U38A	comp=Z,8.2nm,0.9s Springfield	34.39	345	P	Iamb	10 44 18.4	-0.8
S49A	baz=178 Lewisburg	34.45	359	P	P	10 44 19.2	-0.4
S55A	baz=186 Mountain Grove	34.59	5	P	P	10 44 19.4	+0.3
MGMO	S44A	34.60	349	P	P	10 44 21.2	+0.3
S44A	Carbondale	34.65	353	P	Iamb	10 44 20.9	-0.9
S44A	comp=Z,14nm,1.0s Cornudas Mount	34.65	327	P	Iamb	10 44 22.5	
MNTX	Cornudas Mount	34.65	327	P	Iamb	10 44 21.5	0.0
MNTX	comp=Z,8.1nm,1.0s Cornudas Mount	34.65	327	P	Iamb	10 44 22.6	
MNTX	baz=141,SNR=1.4 Southern Illin	34.66	353	Iamb	P	10 44 21.6	0.0
S19C	comp=Z,13nm,0.9s Wyandotte Cave	34.93	357	P	P	10 44 22.2	
WCI	Wyandotte Cave	34.93	357	P	P	10 44 23.1	-0.7
R50A	Paris	34.93	360	P	P	10 44 23.1	-0.7
R49A	baz=180 Shelbyville	34.95	359	P	P	10 44 23.3	-0.3
R51A	Hillsboro	34.95	1	P	P	10 44 23.7	-0.3
R54A	Victor	34.95	4	P	P	10 44 24.0	-0.0
R53A	baz=186 Hurricane	35.04	3	P	P	10 44 24.1	-0.6
R53A	baz=184 Hurricane	35.04	3	P	P	10 44 24.5	-0.2
MSTX	Muleshoe	35.17	333	P	P	10 44 25.7	-0.4
MSTX	comp=Z,6.5nm,1.0s Muleshoe	35.17	333	P	Iamb	10 44 27.4	
M31A	Muleshoe	35.17	333	P	P	10 44 26.0	0.0
CCM	Cathedral Cave	35.29	350	P	P	10 44 26.3	-0.6
CCM	baz=169 Cathedral Cave	35.29	350	P	P	10 44 27.1	+0.1
S39A	Bolivar	35.34	347	P	P	10 44 27.1	+0.1
AMTX	Amarillo	35.46	335	P	Iamb	10 44 28.6	-0.6
AMTX	comp=Z,9.3nm,0.8s Amarillo	35.46	335	P	Iamb	10 44 31.7	
Q50A	Georgetown	35.49	0	P	P	10 44 28.9	+0.4
Q50A	baz=180 Oliney	35.55	355	P	P	10 44 28.4	-0.2
OLIL	Q53A	35.59	4	P	P	10 44 28.6	-0.5
Q53A	Leroy	35.59	4	P	P	10 44 29.6	+0.2
Q52A	Bidwell	35.65	3	P	P	10 44 29.7	-0.3
Q49A	baz=183,SNR=6.1 Aurora	35.66	359	P	P	10 44 29.7	-0.3
Q51A	Peebles	35.68	1	P	P	10 44 29.5	-0.5
Q51A	baz=182,SNR=8.8 Peebles	35.68	1	P	P	10 44 29.4	-0.9
U32A	baz=182,SNR=8.8 Coxs Mills	35.73	339	P	P	10 44 30.6	-0.2
Q54A	Coxs Mills	35.76	5	P	P	10 44 30.8	-0.1
Q44A	Meyer Farm, Va	35.81	354	P	P	10 44 30.0	-0.4
Q55A	Buckhannon	35.84	6	P	P	10 44 32.0	+0.3
P48A	Milroy	36.12	358	P	P	10 44 32.9	-1.1
P51A	Williamsport	36.14	2	P	P	10 44 32.9	-1.1
P53A	Whipple	36.22	4	P	P	10 44 33.1	-0.1
P50A	Jamestown	36.26	1	P	P	10 44 34.8	-0.3
P52A	Corning	36.33	3	P	P	10 44 34.8	-0.3
P55A	Reedsville	36.37	6	P	P	10 44 35.2	-0.6
P54A	baz=187 Burton	36.41	5	P	P	10 44 35.9	-0.9
AQDB	Aquidauana	36.56	131	eP	P	10 44 35.5	-0.9
121A	Cookes Peak, D	36.61	326	P	Iamb	10 44 37.3	-1.2
121A	comp=Z,7.0nm,0.8s Cookes Peak, D	36.61	326	P	Iamb	10 44 40.8	
319A	Douglas	36.65	323	P	P	10 44 40.0	+1.5
O50A	Cable	36.69	1	P	P	10 44 37.1	-1.7
O51A	Pataskala	36.82	2	P	P	10 44 39.0	-0.7
O52A	Adamsville	36.82	3	P	P	10 44 38.6	-1.4
O52A	Adamsville	36.82	3	P	P	10 44 39.6	-0.4
O49A	baz=184 Covington	36.83	360	P	P	10 44 39.3	-0.8
P40A	baz=180 Alum Creek Sta	36.87	350	P	P	10 44 38.4	-1.9
ACSO	Alum Creek Sta	36.89	2	P	P	10 44 39.8	-0.8
ACSO	Alum Creek Sta	36.89	2	P	P	10 44 39.9	-0.8
O48A	Farmland	36.91	359	P	P	10 44 39.8	-0.9
O53A	New Philadelphia	36.99	4	P	P	10 44 40.8	-0.7
SFIN	Lafayette	37.11	356	P	P	10 44 41.1	-1.3
SFIN	comp=Z,11nm,0.8s Lafayette	37.11	356	P	Iamb	10 44 41.9	
SFIN	Lafayette	37.11	356	P	P	10 44 41.3	-1.1
ARAG	Araguiana, MT	37.16	121	eP	P	10 44 43.0	-0.2
O58A	Lewisberry	37.36	9	P	P	10 44 44.0	-0.5
HDIL	Hopedale	37.48	354	P	P	10 44 44.7	-0.9
KSU1	Kansas State U	37.48	344	P	P	10 44 45.6	0.0
N52A	McGinn's Farm,	37.53	3	P	P	10 44 45.0	-0.9
N49A	Columbus Grove	37.56	0	P	P	10 44 45.8	-0.5
N53A	Lisbon	37.57	4	P	P	10 44 45.5	-0.9
N51A	Ashland	37.60	2	P	P	10 44 46.2	-0.3
O59A	Robsonia	37.66	10	P	P	10 44 46.2	-0.3
N55A	Marion Center	37.72	7	P	P	10 44 47.0	-0.2
N55A	baz=188 Marion Center	37.72	7	P	P	10 44 47.0	-0.2
ANMO	Albuquerque	37.74	329	P	P	10 44 47.8	+0.1
ANMO	comp=Z,7.8nm,0.9s Albuquerque	37.74	329	P	Iamb	10 44 50.3	
ANMO	Albuquerque	37.74	329	P	P	10 44 49.3	+1.2
C25B	Chapado do Su	37.83	126	eP	P	10 44 49.3	+0.5
CBKS	Cedar Bluff	38.17	340	P	P	10 44 52.2	+0.7
CBKS	Cedar Bluff	38.17	340	P	P	10 44 52.4	+0.8
M53A	Wi Miller and	38.22	4	P	P	10 44 51.0	-0.8
N59A	State Game Lan	38.33	10	P	P	10 44 51.7	-1.0
M55A	Ridgway	38.43	7	P	P	10 44 53.3	-0.2
M56A	Emporium	38.51	7	P	P	10 44 53.8	-0.5
T25A	Trinidad	38.54	334	P	P	10 44 56.2	+1.4
L53A	baz=147 Girard	38.76	5	P	P	10 44 56.2	+1.4
L44A	Lake County Fo	38.96	356	P	P	10 44 58.4	+0.4
L54A	Sinclairville	39.12	6	P	P	10 44 59.2	-0.2
L55A	Hinsdale	39.17	7	P	P	10 45 00.0	+0.2
L57A	Andrews Acres	39.20	9	P	P	10 45 00.0	+0.2
CPUP	Villa Florida	39.22	140	LR	LR	11 03 00.3	
CPUP	comp=Z,247nm,20.0s, baz=329,slow=39 Villa Florida	39.22	140	LR	LR	11 03 00.3	
X18A	Snowflake	39.30	326	Iamb	P	10 45 00.5	-0.7
X18A	comp=Z,10nm,1.1s Vermontville	39.32	359	P	Iamb	10 45 03.5	
K47A	Vermontville	39.32	359	P	P	10 45 03.5	-0.7
KSC0	Kaye Shedlock'	39.40	337	P	P	10 45 01.4	-0.5
KSC0	Kaye Shedlock'	39.40	337	P	Iamb	10 45 03.4	
KSC0	comp=Z,11nm,0.8s Kaye Shedlock'	39.40	337	P	P	10 45 02.5	+0.6
L58A	Harry Jones Me	39.41	10	P	P	10 45 01.9	+0.2
SDCO	Great Sand Dun	39.53	333	P	P	10 45 01.9	+0.2
K55A	Perry	39.75	7	P	P	10 45 04.7	+0.1
JFWS	Jewell Farm	39.92	353	P	P	10 45 05.1	-0.9
X16A	Lo Mia Camp, P	40.08	324	P	P	10 45 09.8	+1.3
S22A	4JR Ranch, Cre	40.15	332	P	P	10 45 09.2	+0.9
TRCB	Terra Rica</						

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S3 Diego Garcia H, H08S1 Diego Garcia H, MKAR Marakanchi Array, etc.

IDC 01 11:48:59.0;10.0,14.83N-104.90W,h0km,mb3.2/4, mb1 3.7/5, mb1mx3.5/25, mbtmpp3.3/5, ML3.1/1, MS3.2/7, Ms1 3.1/7, ms1mx2.9/16, Error ellipse: s-maj=288.2km s-min=92.6km az=115.0, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, LPIG La Paz, TXAR Lajitas Array, etc.

KEA 01 12:03:10.9;0.0,40.60N;122.47E,h0km,ML2.3/2, Northeastern China

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SUJ Sinuiju, PYS Pyongsong, KGE Kanggye.

THE 01 12:05:08.8;38.18N;20.40E,h14km,1km,ML2.5/1, Error ellipse: s-maj=1.3km s-min=0.6km az=236.0

ATH 01 12:05:08.8;38.18N;20.42E,h14km,2km,ML2.4/1, Error ellipse: s-maj=2.2km s-min=1.4km az=202.0

ISC 01 12:05:08.5;2.1,38.18N;0.05;20.41E;0.07,h16km,gkm,n17,r0521/32,Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHV1 Chavriata, KEF3 Kipouria, ARG2 Argostoli, etc.

ROM 01 12:29:41.6;0.0,43.489N;0.003;12.386E;0.003,h10km,ML1.4/6,1C, Error ellipse: s-maj=0.2km s-min=0.2km az=10.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATPI Pietralunga, BADI Badiali, CDCA Citt' di Caste, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PIEI, ATMI Monte Migliano, ATFO Monte Focce, etc.

BUC 01 12:31:13.1;0.5,44.42N;21.95E,h2km,m11.6/4, Error ellipse: s-maj=3.7km s-min=2.2km az=63.0

BE0 01 12:31:14.7;0.4,44.43N;22.01E,h0km,ML1.5/5,10C-15D, Mining explosion,, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDVR Moldovita, HERR Herculan, BOVS Bovan, etc.

VIE 01 12:36:42.2;0.3,48.26N;14.97E,h0km,mb1.4/2,m11.6/5, Error ellipse: s-maj=3.2km s-min=2.7km az=157.0 7 km WSW of Ysper in Yspertal Suspected Mining explosion,, Austria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOA Molin, CONA Conrad Observa, ARSA Arzberg, etc.

BUC 01 12:38:16.5;0.3,45.96N;25.30E,h2km,m12.4/9,24C-12D, Error ellipse: s-maj=3.2km s-min=2.0km az=163.0, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DOPR Dopca, KRUC Moravsky, WRAC Vranov, etc.

NSSP 01 12:39:17.3;38.63N;43.10E,h10km,Ms3.3, Error ellipse: s-maj=18.7km s-min=14.1E,h5km,ML3.5/25

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VANB Van, AKDM Akdamar-Van, GEVA Gevas, etc.

MUSM Mu-Merkez, EATA Eleskirt, EATA Eleskirt, EATA Eleskirt

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VRTB Varto-Mus, VRTB Varto-Mus, CUKT Cukurca, etc.

IDC 01 12:43:10.8;2.0,13.74S;167.40E,h184km,14km, mb3.9/17,mb1 4.1/17,mb1mx3.9/32,mbtmpp4.4/17, Error ellipse: s-maj=26.2km s-min=13.1km az=131.0

NEIC 01 12:43:18.9;1.6,13.73S;0.10;167.3E;0.1,h260km,Tkm, mb4.4/43, Error ellipse: s-maj=19.2km s-min=14.0km az=83.0

ISC 01 12:43:18.5;0.5,13.69S;0.06;167.25E;0.09,h250km,n86,r167/96,mb4.4/39,Vanuatu Islands

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

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
MJB9	Matsu-Tunnel	3.20	268	Pn	Pn	13 39 21.6	+0.1
JHJ2	Mitsune	4.08	209	Pn	Pn	13 39 30.1	-3.3
JHJ1	Hachioji jima 2	4.09	209	Pn	Pn	13 39 30.0	-0.6
JHJ	48nm,0.3s,baz=351,slow=19,SNR=2.5			Sn	Sn	13 40 16.6	-3.5
ERM	Erimo	5.35	8	Pn	Pn	13 39 49.3	-1.6
ERM	Erimo	5.35	8	Pn	Pn	13 39 49.3	-1.6
JKA	Kamikawa-asahi	7.41	2	Pn	Sn	13 40 17.8	-1.4
JKA	Kamikawa-asahi	7.41	2	Pn	Sn	13 40 17.8	-1.1
ASAJ	Asahikawa	7.41	2	Pn	Sn	13 40 17.8	-1.4
ASAJ	1.5nm,0.3s,baz=216,slow=8.9,SNR=23			Sn	Sn	13 41 40.7	-1.2
YUK	Yuzh-Kuril'sk	7.84	20	P	Pn	13 40 26.2	+1.2
KUR	Kuril'sk	9.54	25	P	Sm	13 40 51.8	+3.5
KUR	Kuril'sk			S	Sm	13 42 28.0	-6.1
JNU	comp=E,25nm,0.5s			Pn	Pn	13 40 51.0	-3.1
JNU	Nakatsu	9.95	252	Pn	LR	13 44 53.1	
JNU	comp=E,0.1nm,0.3s,baz=54,slow=16,SNR=2.3			LR	LR	13 44 53.1	
JNU	comp=E,92nm,18.9s,baz=36,slow=39			Pn	Pn	13 40 54.8	+0.8
JNU	Nakatsu	9.95	252	Pn	Pn	13 40 54.8	+0.8
YSS	Yuzh-Sakhalins	10.25	2	Pn	Pn	13 40 56.5	-1.5
YSS	comp=Z,10.0nm,1.0s			Pn	Pn	13 40 56.6	-1.5
YSS	Yuzh-Sakhalins	10.25	2	Pn	Pn	13 40 56.6	-1.5
USRK	Ussuriysk Ar.	10.78	317	Pn	LR	13 41 03.8	-1.5
USRK	comp=Z,135,slow=31,SNR=2.0			LR	LR	13 44 54.9	
USRK	Ussuriysk Ar.	10.78	317	Pn	Pn	13 41 08.2	+2.9
USRK	Ussuriysk Ar.	10.78	317	Pn	Pn	13 41 08.2	+2.9
USRK	Korea Array	11.41	278	Pn	Pn	13 41 08.2	+2.9
KSR5	comp=Z,0.2nm,0.3s,baz=89,slow=14,SNR=6.7			LR	LR	13 45 28.2	
KSR5	Korea Array	11.41	278	Pn	LR	13 45 28.2	
MDJ	comp=Z,184nm,19.5s,baz=92,slow=37			Pn	Pn	13 41 27.2	-0.1
MDJ	Mudanjiang	12.39	313	P	P	13 41 32.7	-6.2
MDJ	comp=Z,8.0nm,2.6s			S	Sn	13 43 49.7	+5.7
MDJ	comp=Z,110nm,4.0s			LR	LR	13 44 00.4	
MDJ	comp=N,270nm,5.4s			LR	LR	13 44 00.4	
MDJ	comp=E,210nm,5.1s			LR	LR	13 44 00.4	
MDJ	comp=Z,310nm,5.1s			LR	LR	13 44 00.4	
KLR	Kul'da 332	14.64	332	Pn	Pn	13 41 58.4	+0.4
KLR	comp=Z,0.1nm,0.3s,baz=80,slow=17,SNR=1.6			LR	LR	13 47 28.9	
ZEA	Zeya	19.94	333	eP	Pmax	13 43 02.0	-0.3
ZEA	comp=Z,128nm,18.1s,baz=142,slow=37			Pmax	Pmax	13 43 02.0	-0.3
GUMO	Guam	23.15	173	LR	LR	13 52 50.2	
HHC	Hu-ho-hao-te	24.16	289	P	Pmax	13 43 46.0	-0.5
HHC	comp=Z,3.0nm,0.9s			Pmax	Pmax	13 43 46.0	-0.5
HHC	comp=Z,71nm,6.6s			Pmax	Pmax	13 43 46.0	-0.5
YAK	Yakutsk	26.52	347	P	P	13 44 08.0	+0.4
YAK	comp=Z,5.5nm,0.4s,baz=160,slow=18,SNR=4.8			Pmax	Pmax	13 44 07.6	+0.1
YAK	Yakutsk	26.52	347	eP	P	13 44 07.6	+0.1
YAK	comp=Z,12nm,1.0s			Iamb	Iamb	13 44 08.6	
YAK	Yakutsk	26.52	347	Iamb	Iamb	13 44 08.6	
SEY	Seymchan	27.00	10	P	P	13 44 12.2	+0.4
SEY	comp=Z,1.7nm,0.7s,baz=202,slow=8.8,SNR=8.6			P	P	13 44 11.5	-0.3
SEY	Seymchan	27.00	10	P	P	13 44 11.5	-0.3
H1N2	WAKE ISLAND Hy	27.45	121	T	T	13 41 43.8	
H1N1	WAKE ISLAND Hy	27.46	121	T	T	13 41 40.6	
H1N3	WAKE ISLAND Hy	27.47	121	T	T	13 41 42.3	
ULN	Ulanbaatar	28.05	305	eP	Pmax	13 44 21.1	-0.5
ULN	comp=Z,4.0nm,1.3s			Pmax	Pmax	13 44 21.1	-0.5
BOD	Bodaibo	28.13	328	eP	Pmax	13 44 21.1	-0.9
BOD	comp=Z,4.0nm,1.7s			Pmax	Pmax	13 44 21.1	-0.9
H1S1	WAKE ISLAND Hy	28.17	123	T	T	13 44 31.7	
H1S3	WAKE ISLAND Hy	28.17	124	T	T	13 44 32.6	
H1S2	WAKE ISLAND Hy	28.18	123	T	T	13 44 31.7	
SOM1	Somgino Array	28.48	304	P	P	13 44 25.8	+0.4
SOM1	comp=Z,4.4nm,0.8s,baz=96,slow=8.7,SNR=22			Pmax	Pmax	13 44 25.0	-0.4
SOM1	Somgino Array	28.48	304	P	P	13 44 25.0	-0.4
SOM1	comp=Z,3.0nm,0.8s			Pmax	Pmax	13 44 25.0	-0.4
SOM1	Somgino Array	28.48	304	P	P	13 44 25.0	-0.4
LZH	Lanzhou	30.73	280	P	P	13 44 44.5	-1.0
LZH	comp=Z,4.4nm,0.8s,baz=96,slow=8.7,SNR=22			pP	pP	13 44 55.1	-0.1
LZH	Lanzhou	30.73	280	P	P	13 44 55.1	-0.1
LZH	comp=Z,1.2nm,1.1s			pP	pP	13 44 59.7	+2.3
LZH	Lanzhou	30.73	280	P	P	13 45 47.2	+1.3
LZH	comp=Z,4.9nm,5.0s			Pmax	Pmax	13 44 48.6	+1.0
LZH	Talaya	31.01	311	eP	Pmax	13 44 48.6	+1.0
TLY	comp=Z,5.0nm,1.1s			MLR	MLR	13 44 47.8	+0.2
TLY	Talaya	31.01	311	P	Iamb	13 44 48.8	
TLY	comp=Z,238nm,15.0s			Iamb	Iamb	13 44 48.8	
TLY	Talaya	31.01	311	P	Iamb	13 44 48.8	
GTA	Gaotai	33.25	288	eP	P	13 45 07.7	+0.2
GTA	comp=Z,5.2nm,1.4s			pP	pP	13 45 16.1	-1.2
GTA	Gaotai	33.25	288	eP	Pmax	13 45 19.9	+0.3
GTA	comp=Z,4.0nm,0.9s			Pmax	Pmax	13 45 19.9	+0.3
GTA	Gaotai	33.25	288	eP	Pmax	13 45 19.9	+0.3
GTA	comp=Z,130nm,5.9s			LR	LR	13 45 19.9	+0.3
GTA	Gaotai	33.25	288	eP	LR	13 45 19.9	+0.3
GTA	comp=N,63nm,17.8s			LR	LR	13 45 19.9	+0.3
GTA	Gaotai	33.25	288	eP	LR	13 45 19.9	+0.3
GTA	comp=E,81nm,12.7s			LR	LR	13 45 19.9	+0.3
GTA	Gaotai	33.25	288	eP	LR	13 45 19.9	+0.3
BILL	Bilibino	34.17	161	eP	P	13 45 19.6	+4.6
BILL	comp=Z,39nm,16.5s			Pmax	Pmax	13 45 39.1	
BILL	Bilibino	34.17	161	eP	Pmax	13 45 39.1	
TIXI	Tiksi	35.69	353	iP	Pmax	13 45 27.6	-0.4
TIXI	comp=Z,2.0nm,1.2s			Pmax	Pmax	13 45 27.6	-0.4
TIXI	Tiksi	35.69	353	iP	Pmax	13 45 27.6	-0.4
TIXI	comp=Z,1.0nm,0.9s			Pmax	Pmax	13 46 18.5	+0.9
CMAR	Chiang Mai Arr	42.01	266	LR	LR	14 05 54.6	
CMAR	comp=Z,26nm,20.3s,baz=145,slow=39			LR	LR	14 05 54.6	
ZAO1	Zalovo Array	42.59	313	P	P	13 46 24.8	-1.1
ZALV	Zalovo Beam	42.59	313	P	P	13 46 25.7	-0.2
ZALV	comp=Z,2.4nm,0.8s,baz=97,slow=6,SNR=9.6			LR	LR	13 46 25.7	-0.2
ZALV	Zalovo Beam	42.59	313	P	P	13 46 25.7	-0.2
ZALV	comp=Z,4.3nm,19.8s,baz=342,slow=37			P	P	13 46 24.7	-1.2
ZALV	Zalovo Beam	42.59	313	P	P	13 46 24.7	-1.2
MK31	Makanchi Array	44.81	303	P	Pmax	13 46 43.7	-0.3
MK31	comp=Z,2.0nm,0.9s			Pmax	Pmax	13 46 43.7	-0.3
MK31	Makanchi Array	44.81	303	P	P	13 46 43.7	-0.3
MK31	comp=Z,2.2nm,0.8s			Iamb	Iamb	13 46 43.6	-0.3
MKAR	Makanchi Array	44.81	303	P	P	13 46 43.6	-0.3
MKAR	comp=Z,1.1nm,0.8s,baz=82,slow=9.2,SNR=9.6			P	P	13 46 43.5	-0.4
MKAR	Makanchi Array	44.81	303	P	P	13 46 43.5	-0.4
MKAR	Kurchatov	46.62	308	eP	Pmax	13 46 57.4	-0.7
MKAR	comp=Z,8.0nm,1.7s			Pmax	Pmax	13 46 57.4	-0.7
MKAR	Kurchatov	46.62	308	eP	Iamb	13 46 57.4	-0.7
MKAR	Kurchatov	46.62	308	eP	Iamb	13 46 57.4	-0.7
RAMN	Ramite	47.64	275	eP	P	13 47 07.5	+0.8
JIRI	Jiri	47.66	276	eP	P	13 47 08.0	+1.0
GUN	Gumba	47.80	276	eP	P	13 47 09.6	+1.5
GUN	comp=Z,2.9nm,0.3s			P	P	13 47 09.6	+1.5

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
PKI	Pulchoki	48.32	276	eP	P	13 47 11.6	-0.5
PKK	Pulchoki	48.32	276	eP	P	13 47 11.2	-0.9
PKN	Kakani	48.33	277	eP	P	13 47 11.5	-0.5
DMN	Dann	48.55	276	eP	P	13 47 13.2	-0.5
GKN	Garkys	48.75	277	eP	P	13 47 14.1	-1.1
DANN	Dangsing	49.30	278	eP	P	13 47 17.1	-2.4
ILAR	Eielson Array	49.44	32	P	P	13 47 20.5	+0.8
BRVK	Borovoye	51.30	313	eP	Pmax	13 47 33.9	0.0
BRVK	comp=Z,5.0nm,2.5s			Pmax	Pmax	13 47 33.9	0.0
WRA	Warramunga Arr	56.83	189	P	P	13 48 14.1	-0.5
WRA	comp=Z,0.2nm,0.4s,baz=14,slow=7.3,SNR=2.1			P	P	13 48 14.5	-1.0
WRA	Arti	57.01	319	iP	P	13 48 14.5	-1.0
ARU	ARU			S	S	13 48 22.8	-4.4
ARU	ARU			S	S	13 48 22.8	-4.4
ARU	ARU			S	S	13 49 58.7	-6.8
ABKAR	Abkual array	58.62	310	P	P	13 48 26.4	-0.5
ASAR	Alice Springs	60.56	189	P	P	13 48 40.4	0.0
KIRV	Kirov	60.88	323	eP	P	13 48 42.3	+0.1
YKA	Yellowknife Ar	63.78	30	P	P	13 49 03.0	+1.4
YKA	comp=Z,0.2nm,0.7s,baz=298,slow=5.8,SNR=2.1			P	P	13 49 03.0	+1.4
YKA	Yellowknife Ar	63.78	30	P	P	13 49 03.0	+1.4
ARCES	ARCES Array B	64.52	340	LR	LR	13 49 14.5	
FINES	FINES			LR	LR	13 49 37.5	+0.2
FINES	comp=Z,3.5nm,0.9s,baz=28,slow=8.6,SNR=4.6			LR	LR	13 49 37.5	+0.2
FINES	FINES			LR	LR	13 49 37.5	+0.2
FINES	comp=Z,3.1nm,18.1s,baz=172,slow=37			LR	LR	13 49 37.5	+0.2
KBZ	Khabaz	71.58	310	P	P	13 49 51.4	+0.4
KBZ							

HGSD Ruisui	0.60 174 eP	Pn	16 09 54.2 -0.7
HGSD Xinyi Township	0.61 230 eP	Pn	16 09 55.3 +0.2
TCU Taichung	0.63 276 eP	Pn	16 09 55.2 0.0
TCU Nanjuang	0.63 329 eP	Pn	16 09 55.1 -0.2
NSY Sanyi	0.64 301 eP	Pn	16 09 55.5 +0.1
LI0B Emei	0.64 330 fP	Pn	16 09 56.4 0.0
WNT Mingjian	0.65 252 jP	Pn	16 09 55.8 +0.3
TWC Suao	0.68 40 eP	Pn	16 09 56.4 +0.5
NMLH Miaoili	0.69 311 eP	Pn	16 09 55.8 -0.1
TWE Neicheng	0.69 24 eP	Pn	16 09 56.5 +0.6
YULB Yu-Hi	0.69 185 jP	Pn	16 09 54.6 -1.4
PTSB Yuanli	0.70 301 eP	Pn	16 09 56.0 0.0
NWLTL Wuai	0.70 11 eP	Pn	16 09 56.6 +0.5
YUS Yu-Shan	0.70 212 eP	Pn	16 09 57.0 +0.4
WDJ Dajia District	0.71 292 jP	Pn	16 09 56.2 +0.1
SLBB Yuanshan	0.71 21 eP	Pn	16 09 57.0 +0.8
TWF1 Yuli	0.73 185 eP	Pn	16 09 55.8 -0.7
WCHH Zhonghua	0.73 270 eP	Pn	16 09 56.6 +0.2
ILA ilan	0.76 27 eP	Pn	16 09 57.4 +0.7
ALS Alishan	0.77 222 jP	Pn	16 09 57.4 +0.2
WLTB Daxi	0.77 353 eP	Pn	16 09 57.5 +0.7
SBCB Hsinchu	0.78 334 eP	Pn	16 09 57.3 +0.3
CHN5 Tsauling	0.79 232 eP	Pn	16 09 57.3 +0.1
HSN Hsinchu	0.80 333 eP	Pn	16 09 57.1 0.0
WGK Gukeng	0.83 242 eP	Pn	16 09 57.8 +0.2
EOS1 EOS1	0.84 57 eP	Pn	16 09 58.7 +1.1
WDLH Douliu	0.85 242 eP	Pn	16 09 58.1 +0.3
NHDH Xindian Distri	0.88 10 eP	Pn	16 09 59.0 +0.8
FULB Fuli	0.89 184 eP	Pn	16 09 57.5 -0.7
NCUH Zhongli	0.89 350 eP	Pn	16 09 58.4 +0.1
TATO Taipei	0.89 7 eP	Pn	16 09 59.0 +0.7
NCU National Centr	0.89 350 eP	Pn	16 09 58.5 +0.2
TWA Mucha	0.91 13 eP	Pn	16 09 59.4 +0.9
RLNB Erlin	0.94 258 eP	Pn	16 09 58.7 -0.1
ELDTW Lidau	0.95 200 eP	Pn	16 09 59.1 0.0
TAP Taipei	0.96 8 eP	Pn	16 09 58.4 -0.6
TIPB Shuangxi	0.98 26 eP	Pn	16 09 60.0 +0.6
CHN2 Minshiang	0.98 236 eP	Pn	16 10 00.2 +0.8
CHK2 Chengkung	0.98 180 eP	Pn	16 09 58.8 -0.7
TWS1 Kuangyinshan	1.01 3 eP	Pn	16 10 00.4 +0.7
TWS1 Ta-cheng	1.01 258 eP	Pn	16 09 59.4 -0.3
CHN4 Tsauhsan	1.02 224 eP	Pn	16 10 00.1 +0.2
TPUB Ta-pu	1.03 221 eP	Pn	16 10 00.1 +0.1

TPUB Chaiyi	1.04 236 P	Pn	16 10 14.1 0.0
CHY Chaiyi	1.05 21 eP	Pn	16 10 00.2 +0.1
NWF Wu-fen Shan	1.05 21 eP	Pn	16 10 00.9 +0.5
WFSB Wu-fen Shan	1.05 21 eP	Pn	16 10 14.8 +0.2
YM01 YM01	1.07 10 P	Pn	16 10 01.2 +0.9
YM04 YM04	1.07 8 P	Pn	16 10 14.2 -0.3
STYT Tsuyuan	1.07 211 eP	Pn	16 10 00.9 +0.4
NTST Danshui	1.07 4 eP	Pn	16 10 15.1 0.0
WMLT Mailiao	1.08 255 eS	Sn	16 10 00.0 +0.3
YM10 YM10	1.08 10 eP	Pn	16 10 14.0 -1.1
TWB1 Santiao Chiao	1.08 32 eP	Pn	16 10 01.1 +0.5
WTP Ta-pu	1.08 219 eP	Pn	16 10 17.5 +2.4
YM05 YM05	1.09 10 iP	Pn	16 10 00.9 +0.4
YM11 YM11	1.09 10 P	Pn	16 10 16.3 +1.2
YM03 YM03	1.10 8 eP	Pn	16 10 16.2 +1.1
ANP Anpu	1.10 7 eP	Pn	16 10 01.1 +0.4
WSF Szu	1.14 247 P	Pn	16 10 01.1 +0.4
WTK Hsinying	1.14 225 eP	Pn	16 10 15.3 +0.1
WLBG Puzi	1.15 238 eP	Pn	16 10 14.3 -0.9
SNST Tainan City	1.17 223 eP	Pn	16 10 00.8 +0.1
SNST Nanshi	1.18 221 eP	Pn	16 10 15.5 +0.2
CHN1 Chinshui	1.23 216 eP	Pn	16 10 15.0 +0.2
SGST Jiashian	1.23 216 eP	Pn	16 10 01.4 +0.5
SLGT Liugui	1.27 211 eP	Pn	16 10 15.2 -0.4
CHN8 Yiju	1.29 235 eP	Pn	16 10 01.2 +0.2
TWG Pinlang	1.29 192 eP	Pn	16 10 17.1 -1.0
TTN Taitung	1.34 188 eP	Pn	16 10 01.1 0.0
CHN3 Shinhua	1.36 222 eP	Pn	16 10 01.3 0.0
TWH Lutao	1.38 176 eP	Pn	16 10 16.9 +0.5
SCLT Jiali	1.40 230 eS	Sn	16 10 01.6 +0.1
JYNG Yonangunijimaku	1.49 76 P	Pn	16 10 01.6 +0.1
SSD Sandimen	1.49 207 eP	Pn	16 10 17.9 +0.5
TWM1 Sheohan	1.52 215 eP	Pn	16 10 03.3 +0.7
ECL Taimali	1.53 194 eP	Pn	16 10 28.3 +3.5
YOJ Yonaguni jima	1.55 76 eP	Pn	16 10 06.9 +0.4
YOJ Yonaguni jima	1.55 76 P	Pn	16 10 06.9 +0.2
MASBT Mashbuluo	1.61 205 eP	Pn	16 10 05.8 -0.7
PNG Penghu	1.73 253 P	Pn	16 10 06.5 -0.3
PHUB Peng-hu	1.74 251 eP	Pn	16 10 26.4 +0.3
SSPT Xinbi	1.75 205 eP	Pn	16 10 06.4 +0.3
EAST Anshuo	1.76 196 eP	Pn	16 10 08.0 +0.4
WDGT Dungji	1.76 243 eP	Pn	16 10 31.5 +3.9
WDGT Fangliu	1.84 202 eP	Pn	16 10 08.2 -1.0
SCZT Penghu	1.96 298j eP	Pn	16 10 28.3 -2.2
VVUC VVUC	1.96 298j eP	Pn	16 10 08.1 -1.1
VCHM Gimei	1.98 244 eP	Pn	16 10 08.1 -1.1
PYTC Pingtan	2.02 315 eP	Pn	16 10 28.0 -2.5
LAY Lan-yu	2.05 175 eP	Pn	16 10 28.0 -2.5
IRIF Iriomote-Funau	2.18 83 P	Pn	16 10 28.0 -2.5
HATJ Hateruma jima	2.23 90 P	Pn	16 10 28.0 -2.5
PTMZ Houxiangcun	2.25 295 eP	Pn	16 10 28.0 -2.5
JKRS Kuro-shima	2.42 86 P	Pn	16 10 28.0 -2.5
MATB Ma-tsu	2.42 328 eP	Pn	16 10 28.0 -2.5
JJY Ishigaki jima	2.55 83 P	Pn	16 10 28.0 -2.5

KNM Kinmen	2.69 278 eP	Pn	16 10 12.6 +0.5
JJSG Ishigakijimahi	2.74 79 P	Pn	16 10 22.4 -0.3
KNMB Chin-men Tao	2.74 278 eS	Pn	16 10 53.6 -1.1
LYJJ Jianjiangzhen	2.85 330 eP	Pn	16 10 21.3 -1.5
MHZQ Yeshan	2.91 314 eP	Pn	16 10 22.9 -1.4
XPSS Dashiju	3.02 340 eP	Pn	16 10 23.8 -0.8
JTJ Tarama	3.10 79 P	Pn	16 10 27.8 +0.2
AXDP Jialang	3.19 285 eP	Pn	16 11 03.1 -0.4
ZPLA Ao Xicun	3.31 268 eP	Pn	16 10 28.0 -0.9
JIRB Irabujima	3.55 77 P	Pn	16 10 29.4 -1.1
JIKM Ikemajima	3.64 76 P	Pn	16 10 34.1 +0.3
JMK Miyako jima 2	3.66 78 eP	Pn	16 11 15.0 +0.4
JMJJ Miyako jima3	3.67 79 P	Pn	16 10 35.4 +0.4
JOGS Gusuokube	3.75 79 P	Pn	16 11 16.7 0.0
	3.75 79 P	Pn	16 10 36.3 +1.0
	3.75 79 P	Pn	16 10 36.2 +0.7
	3.75 79 P	Pn	16 10 38.0 +1.5

SOME 01 16:36:27.8, 48:02N-84:05E, h0km
 NNC 01 16:36:28.9, 1.4, 48:00N-84:45E, h0km, mb3.5, mpv3.1,
 Error ellipse: s-maj=12.4km s-min=5.6km az=68.0
 ASRS 01 16:36:30.9, 0.8, 48:01N-84:45E, h1km, MLh3.2/10,
 smi.org/gfz-potsdam.de/geofon/lcasat_earthModellID
 ISC 01 16:36:35.7, 0.9, 48:03N, 0:05-83.91E, 0:06, h10km, n22,
 c219/29, 3C-7D, Eastern Kazakhstan

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
				h m s	ISC	
ZSN	Zaisan	0.87 132 eP	Op	Pg	16 36 39.7	-13
ZSN	Zaisan	0.87 132 P	S	Pg	16 36 39.7	-13
ZSN	Zaisan	0.87 132 P	S	Pg	16 36 39.7	-13
MK31	Makanchi Array	1.66 222 Pn		Pn	16 37 02.6	-2.2
MAKZ	Makanchi	1.80 228 fPn		Pn	16 37 05.0	-1.8
MAKZ	Makanchi	1.80 228 fPn		Pn	16 37 05.0	-1.8
TUNR	Tungur	2.66 36 P	Pg	Pb	16 37 14.9	-3.7
DGZ	Jazzator, Alta	2.86 53 P	Pg	Pb	16 37 48.2	-2.6
UKR	Ust-Kan	2.96 11 P	Pg	Pb	16 37 51.2	-4.8
CHBI	Chibit, Altay	3.28 45 P	Pg	Pb	16 37 57.9	-0.5
AKAR	Aktash	3.34 45 P	Pg	Pb	16 37 28.4	+0.4
SLNR	Muhor-Tarhata,	3.47 58 P	Pg	Pb	16 38 06.6	-1.2
SLNR	Muhor-Tarhata,	3.47 58 P	Pg	Pb	16 38 06.6	-1.2
CUR	Chagan-Uzun	3.58 53 P	Pg	Pb	16 38 10.8	-0.4
ULGR	Ulagan, Altay	3.71 44 P	Pg	Pb	16 37 35.1	+2.1
ULGR	Ulagan, Altay	3.71 44 P	Pg	Pb	16 37 35.1	+2.1
KAPL	Kapalarasan	4.17 230 eP		Pn	16 38 18.6	+2.9
KAPS	Kapalarasan	4.17 230 eP		Pn	16 38 18.6	+2.9
KAPS	Kapalarasan	4.17 230 P	Pg	Pb	16 37 49.6	+0.4
KAPS	Kapalarasan	4.17 230 P	Pg	Pb	16 37 49.6	+0.4
ARTR	Artybashi	4.35 29 P	Pg	Pb	16 37 49.2	-3.0
KURBB	Kurchatov Arra	4.37 308 fPn		Pn	16 37 29.1	-0.9
KURBB	Kurchatov Arra	4.37 308 fPn		Pn	16 37 40.3	-1.7
KURBB	Kurchatov Arra	4.37 308 fPn		Pn	16 37 40.3	-1.7
KURK	Kurchatov	4.38 310 fPn		Pn	16 37 39.8	-2.3
KURK	Kurchatov	4.38 310 fPn		Pn	16 37 39.8	-2.3
KURK	Kurchatov	4.38 310 fPn		Pn	16 37 53.0	+0.4
KURK	Kurchatov	4.38 310 fPn		Pn	16 37 53.0	+0.4
DJR	Jarkent	4.68 219 eP		Pb	16 37 55.5	-2.3
DJR	Jarkent	4.68 219 eP		Pb	16 37 55.5	-2.3
DJR	Jarkent	4.68 219 P	Pg	Sb	16 38 58.0	+3.7
DJR	Jarkent	4.68 219 P	Pg	Sb	16 38 58.0	+3.7
DJR	Jarkent	4.68 219 P	Pg	Sb	16 37 58.3	+0.5
DJR	Jarkent	4.68 219 P	Pg	Sb	16 37 58.3	+0.5
TASR	Tashtagol	5.37 27 P	Pg	Pb	16 38 04.0	+8.2
TASR	Tashtagol	5.37 27 P	Pg	Pb	16 38 04.0	+8.2
ELT	Eltsovka	5.44 15 P	Pg	Sb	16 39 19.6	+3.7
PDGK	Podgornoye	5.63 215 fPn		Pn	16 37 59.1	-0.4
PDGK	Podgornoye	5.63 215 fPn		Pn	16 37 59.1	-0.4
PDGK	Podgornoye	5.63 215 fPn		Pn	16 37 59.1	-0.4
PDGK	Podgornoye	5.63 215 fPn		Pn	16 37 59.1	-0.4
PDGK	Podgornoye	5.63 215 fPn		Pn	16 39 34.8	

THE 01 16:37:46.3, 38:40N-20:47E, h9km, ML2.8/9, Error ellipse:
 s-maj=1.0km s-min=0.3km az=275.0
 ATH 01 16:37:46.1, 38:40N-20:45E, h10km, 2km, ML2.8/9, Error
 ellipse: s-maj=3.0km s-min=0.7km az=167.0
 ISC 01 16:37:45.4, 0.8, 38:41N, 0:02-20:42E, 0:03, h13km, 5km,
 n47, c093/83, Greece

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
				h m s	ISC	
VSK1	VASILIKIADES	0.12 89 P	Op	Pg	16 37 48.2	-0.5
KONA	Konidatara, Ke	0.12 82 P	P	Pg	16 37 48.4	-0.4
KONA	Konidatara, Ke	0.12 82 P	P	Pg	16 37 50.4	+0.7
FSK	Fiskardo	0.12 66 P	S	Pg	16 37 48.5	-0.3
FSK	Fiskardo	0.12 66 P	S	Pg	16 37 50.5	-0.6
FSK	Fiskardo	0.12 66 P	S	Pg	16 37 48.4	-0.3
KEF1	Kardakata, Kep	0.14 162 P	S	Pg	16 37 49.0	+0.1
KEF1	Kardakata, Kep	0.14 162 P	S	Pg	16 37 51.4	0.0
KEF4	Livadi, Keph	0.15 178 P	S	Pg	16 37 49.3	+0.2
AGT1	Agia Thekli	0.16 189 P	S	Pg	16 37 52.1	+0.4
LXR1	Lixouri, Cepha	0.21 175 P	S	Pg	16 37 52.5	+0.6
LXR1	Lixouri, Cepha	0.21 175 P	S	Pg	16 37 50.5	+0.5
LXR1	Lixouri, Cepha	0.21 176 P	S	Pg	16 37 54.2	+1.1
LXR1	Lixouri, Cepha	0.21 176 P	S	Pg	16 37 54.2	+1.1
KEF3	Kipouria, Keph	0.21 195 P	S			

1d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Anninata, LK2D, TSoukalades, L, etc.

KRSC 01 16:53:03.8-0.9,54.72N;160.26E, h142km, 12km, ML4.8
MOS 01 16:53:04.3-0.9,54.82N;159.87E, h146km, h4.0/0.9, Error ellipse: s-maj=8.9km s-min=3.5km az=75.5

NEIC 01 16:53:05.8-1.9,54.90N;159.87E:0.1, h141km,5km, mb4.6/1.96, Error ellipse: s-maj=12.6km s-min=10.1km az=141.0

IDC 01 16:53:06.1-1.1,54.96N;159.67E, h141km,9km, mb3.8/3.4, mb1.4/0.38, mb1mx3.9/5.9, mbtmp4.3/3.8, MS3.1/8, Ms1.3/1.8, ms1mx2.4/4.2, Error ellipse: s-maj=12.1km s-min=7.1km az=147.0

ISC 01 16:53:05.1-0.4,54.77N;160.00E:0.03, h140km,3km, m427.0/s133/51.9, mb4.5/143.7C-4D, Near east coast of Kamchatka Peninsula

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KZV, TUMD, TUMR, KAMN, etc.

2014 APR

Main station list table with columns: Code, Station Name, Time, Res. Includes stations like KOK, Koryaka, UGLR, Ugllovaya, etc.

Main station list table with columns: Code, Station Name, Time, Res. Includes stations like UNV, Unalaska Valle, ANM, Nome, etc.

GLB	comp=Z,18nm,1.0s	29.56	54	P	P	16 58 57.2 +0.9
GLB	Gilahina Butte			I	Amb	16 59 58.0
VRDI	comp=Z,25nm,1.9s	29.78	54	P	P	16 58 58.9 +0.5
VRDI	Verde Repeater			I	Amb	16 59 46.0
JNU	comp=Z,16nm,1.5s	29.79	235	P	P	16 59 00.3 +1.8
JNU	Nakatsue			I	Amb	16 58 59.9 +1.4
JNU	comp=Z,2.1nm,0.3s,baz=47,slow=2.5,SNR=11	29.79	235	P	P	16 59 59.7
JNU	Nakatsue			I	Amb	16 59 59.7
MCARA	comp=Z,14nm,1.3s	29.95	54	P	P	16 59 00.5 +0.9
MCARA	McCarthy VSAT			I	Amb	16 59 04.6
CRQM	comp=Z,7.9nm,0.9s	30.04	55	P	P	16 59 02.0 +1.3
CRQM	Cirque			I	Amb	16 59 04.2
EGAK	comp=Z,18nm,1.2s	30.12	47	P	P	16 59 00.9 -0.1
EGAK	Eagle			I	Amb	16 59 02.4
BCAR	comp=Z,10nm,1.0s	30.15	50	P	P	16 59 02.4 +0.9
BALM	Beaver Creek A			I	Amb	16 59 04.7 +1.4
BALM	Baldy			I	Amb	16 59 12.6
BARN	comp=Z,21nm,1.8s	30.66	54	P	P	16 59 07.5 +1.3
BARN	Barnard Glad			I	Amb	17 00 08.2
CTGM	comp=Z,18nm,1.7s	30.84	54	P	P	16 59 09.1 +1.4
CTGM	Chitina Glad			I	Amb	16 59 47.4
DAWY	comp=Z,15nm,1.4s	31.00	48	P	P	16 59 10.1 +1.1
BJI	Dawson			I	Amb	16 59 23.5 +0.9
BJI	Beijing			I	Amb	16 59 23.5 +0.9
INK	comp=Z,10.0nm,0.5s	32.58	39	P	P	16 59 23.4 +0.9
INK	Inuvik			I	Amb	17 05 35.6 -0.2
INK	comp=Z,1.0nm,0.5s,baz=288,slow=7.1,SNR=6.6	32.58	39	P	P	17 05 35.6 -0.2
INK	Inuvik			I	Amb	16 59 23.4 +0.9
HYT	comp=Z,1.0nm,0.6s,baz=295,slow=11,SNR=4.2	32.58	39	P	P	16 59 23.9 +0.7
HYT	Haines Junctio			I	Amb	16 59 26.8
SOMM	comp=Z,14nm,1.6s	33.52	281	P	P	16 59 30.3 -0.9
SOMM	Songino Array			I	Amb	17 02 08.5 0.0
SOMM	comp=Z,1.9nm,0.6s,baz=56,slow=8.3,SNR=11	33.52	281	P	P	17 02 08.5 0.0
SOMM	Songino Array			I	Amb	17 05 39.6 -0.1
SOMM	comp=Z,2.5nm,0.6s,baz=62,slow=1.5,SNR=13	33.52	281	P	P	16 59 31.4 +0.2
SOMM	Songino Array			I	Amb	17 02 08.5 0.0
SOMM	comp=Z,2.4nm,0.7s,baz=77,slow=2.8,SNR=13	33.52	281	P	P	17 05 39.6 -0.1
SOMM	Songino Array			I	Amb	16 59 31.4 +0.2
SOMM	Whitehorse			I	Amb	17 05 40.0 +0.3
WHY	comp=Z,3.5nm,0.5s,baz=100,slow=4.2,SNR=4.4	33.53	53	P	P	16 59 36.2 +1.5
WHY	Why			I	Amb	17 02 10.9 +0.1
NRK	comp=Z,2.3nm,0.5s,baz=100,slow=4.2,SNR=4.4	34.53	323	P	P	17 02 10.9 +0.1
NRK	Norik's			I	Amb	17 15 06.4
HHC	comp=Z,54nm,19.3s,baz=160,slow=39	34.57	267	P	P	16 59 42.0 +0.9
HHC	Hu-ho-hao-te			I	Amb	16 59 42.0 +0.9
HHC	comp=Z,6.0nm,0.8s	35.70	36	P	P	16 59 50.0 +0.6
HHC	Hu-ho-hao-te			I	Amb	16 59 50.9
C36M	comp=Z,34nm,6.6s	35.70	36	P	P	16 59 50.0 +0.6
C36M	Paulatuk			I	Amb	16 59 50.9
NJ2	comp=Z,12nm,0.7s	36.80	249	eP	P	16 59 59.0 -0.2
NJ2	Nanjing			I	Amb	16 59 59.0 -0.2
DIB	comp=Z,13nm,0.5s	38.33	64	P	P	17 00 13.6 +1.8
DIB	Dawson Inlet			I	Amb	17 00 49.5
RES	comp=Z,19nm,1.1s	41.78	23	P	P	17 00 45.0 +0.4
RES	Resolute Bay			I	Amb	17 02 33.8 +0.4
RES	comp=Z,1.8nm,0.6s,baz=317,slow=8.0,SNR=11	41.78	23	P	P	17 02 33.8 +0.4
RES	Resolute Bay			I	Amb	17 06 09.2 -0.9
RES	comp=Z,1.9nm,0.8s,baz=310,slow=2.4,SNR=5.2	41.78	23	P	P	17 00 40.4 +0.4
RES	Resolute Bay			I	Amb	17 00 39.0 -1.9
ZAAO	comp=Z,1.2nm,0.8s,baz=328,slow=6.1,SNR=4.6	41.86	301	P	P	17 00 38.6 -2.3
ZAAO	Zalesovo Beam			I	Amb	17 02 17.6 -2.7
ZALV	comp=Z,0.5nm,0.4s,baz=64,slow=6.6,SNR=3.6	41.86	301	P	P	17 02 17.6 -2.7
ZALV	Zalesovo Beam			I	Amb	17 06 09.0 -1.9
ZALV	comp=Z,1.2nm,0.6s,baz=52,slow=9.6,SNR=4.5	41.86	301	P	P	17 06 09.0 -1.9
ZALV	Zalesovo Beam			I	Amb	17 00 38.2 -2.7
ZALV	comp=Z,0.4nm,0.3s,baz=49,slow=6.7,SNR=3.9	41.86	301	P	P	17 00 38.2 -2.7
ZALV	Zalesovo Beam			I	Amb	17 00 38.2 -2.7
ZALV	comp=Z,1.0nm,0.6s	41.86	301	P	P	17 00 38.2 -2.7
ZALV	Zalesovo Beam			I	Amb	17 00 42.8 +1.1
YKA	comp=Z,4.3nm,0.7s,baz=299,slow=7.6,SNR=6.1	41.96	44	P	P	17 02 34.6 +0.5
YKA	Yellowknife Ar			I	Amb	17 06 10.6 -0.5
YKA	comp=Z,0.5nm,0.4s,baz=306,slow=3.0,SNR=8.8	41.96	44	P	P	17 06 10.6 -0.5
YKA	Yellowknife Ar			I	Amb	17 00 46.0 +0.7
LZH	comp=Z,0.5nm,0.7s,baz=298,slow=3.7,SNR=6.8	42.34	268	P	P	17 01 16.2 -0.2
LZH	Lanzhou			I	Amb	17 01 31.6 -0.6
LZH	comp=Z,23nm,1.3s	42.34	268	P	P	17 02 28.7 +2.7
LZH	Lanzhou			I	Amb	17 00 44.8 -1.0
GTA	comp=Z,120nm,5.4s	42.41	274	eP	P	17 01 18.6 +1.7
GTA	Gaotai			I	Amb	17 01 32.9 +0.1
GTA	comp=Z,1.0nm,0.6s	42.41	274	eP	P	17 02 40.0 +3.8
GTA	Gaotai			I	Amb	17 06 15.4 +1.9
GTA	comp=Z,0.5nm,0.4s,baz=306,slow=3.0,SNR=8.8	42.41	274	eP	P	17 06 36.4 +7.9
GTA	Gaotai			I	Amb	17 10 31.8 -0.6
LLLB	comp=Z,5.0nm,0.8s	45.22	61	P	P	17 01 09.0 +1.1
LLLB	Lillooet			I	Amb	17 01 10.5
TULEG	comp=Z,21nm,1.6s	45.33	14	P	P	17 01 07.9 -0.5
CD2	Thule			I	Amb	17 01 13.9 -1.4
CD2	Chengdu			I	Amb	17 01 18.2 +0.9
WMQ	comp=Z,10.0nm,0.5s	46.40	288	eP	P	17 01 18.2 +0.9
WMQ	Urumqi			I	Amb	17 01 18.2 +0.9
WMQ	comp=Z,17nm,0.7s	46.40	288	eP	P	17 01 18.2 +0.9
WMQ	Urumqi			I	Amb	17 01 18.2 +0.9
KURK	comp=Z,58nm,4.3s	46.84	300	P	P	17 01 18.2 -2.3
KURK	Kurchatov			I	Amb	17 01 18.2 -2.3
KURK	comp=Z,10.0nm,1.1s	46.84	300	P	P	17 01 18.2 -2.3
KURK	Kurchatov			I	Amb	17 01 54.0
MK31	comp=Z,10.0nm,1.1s	47.42	294	P	P	17 01 22.6 -2.5
MK31	Makanchi Array			I	Amb	17 01 22.8 -2.3
MK31	comp=Z,2.0nm,0.6s	47.42	294	P	P	17 01 22.8 -2.3
MK31	Makanchi Array			I	Amb	17 01 25.2 +0.1
MKAR	comp=Z,2.8nm,0.6s,baz=59,slow=7.6,SNR=23	47.42	294	P	P	17 01 25.2 +0.1
MKAR	Makanchi Array			I	Amb	17 01 22.6 -2.5
MKAR	comp=Z,3.0nm,0.6s	47.42	294	P	P	17 01 22.6 -2.5
MKAR	Makanchi Array			I	Amb	17 01 30.1 +1.2
BOBA	comp=Z,4.9nm,0.7s,baz=356,slow=6.1,SNR=7.5	47.92	62	P	P	17 01 37.6 -2.3
BRVK	comp=Z,3.0nm,0.7s	49.36	307	P	P	17 01 37.6 -2.3
BRVK	Borovoye			I	Amb	17 01 45.5 +2.4
HUMO	comp=Z,3.0nm,0.7s	49.36	307	P	P	17 01 45.5 +2.4
HUMO	Hull Mountain			I	Amb	17 02 16.6
KRMB	comp=Z,32nm,1.9s	49.98	72	P	P	17 01 47.0 +2.2
WALA	Red Mountain			I	Amb	17 01 47.7 +1.3
WALA	Waterton Lakes			I	Amb	17 01 48.7
YBH	comp=Z,7.2nm,0.9s	50.49	71	P	P	17 01 51.2 +2.6
YBH	Yreka Blue Hor			I	Amb	17 01 53.3 +1.7
JTMT	comp=Z,4.5nm,0.7s,baz=356,slow=6.1,SNR=7.5	50.89	60	P	P	17 01 54.1
JTMT	Jette			I	Amb	17 01 55.9 +1.4
BMO	comp=Z,11nm,0.9s	51.28	65	P	P	17 01 55.9 +1.4
BMO	Blue Mountains			I	Amb	17 03 05.9 +1.4
BMO	comp=Z,2.0nm,0.9s	51.28	65	P	P	17 03 05.9 +1.4
BMO	Blue Mountains			I	Amb	17 01 59.8 +2.1
ARCES	comp=Z,3.1nm,0.9s,baz=46,slow=3.5,SNR=5.8	51.69	341	P	P	17 02 00.7
ARCES	ARCES Array B			I	Amb	17 02 00.7
MOD	comp=Z,3.1nm,0.9s,baz=46,slow=3.5,SNR=5.8	51.69	341	P	P	17 02 00.7
MOD	Modoc Plateau			I	Amb	17 02 00.7

FFC	comp=Z,6.2nm,0.7s	51.89	47	P	P	17 01 59.8 +1.0
FFC	Flin Flon			I	Amb	17 01 59.8 +1.0
FFC	comp=Z,3.0nm,1.0s	51.89	47	P	P	17 01 59.8 +1.0
FFC	Flin Flon			I	Amb	17 02 59.2 -1.4
ARU	comp=Z,6.0nm,1.1s	52.15	316	P	P	17 02 33.0 +0.1
ARU	Arti			I	Amb	17 07 03.7
ARU	Summit			I	Amb	17 09 15.1 +1.3
ARU	Summit			I	Amb	17 12 49.7 -2.4
ARU	Summit			I	Amb	17 01 58.8 -1.9
ARU	Summit			I	Amb	17 02 01.7 -0.3
SUMG	comp=Z,11nm,0.9s	52.30	7	P	P	17 02 01.7 -0.3
SUMG	Summit			I	Amb	17 02 02.8
SUMG	Summit			I	Amb	17 02 06.1 +1.4
ORV	comp=Z,11nm,0.9s	52.66	72	P	P	17 02 06.1 +1.4
ORV	Oroville			I	Amb	17 02 06.1 +1.4
ORV	comp=Z,6.0nm,0.9s	52.66	72	P	P	17 02 07.1
ORV	Oroville			I	Amb	17 02 08.6 +1.1
MFID	comp=Z,6.2nm,0.8s	53.04	65	P	P	17 02 12.5
MFID	Camas Ranch			I	Amb	17 02 09.8 +1.9
MFID	Beckworth			I	Amb	17 02 10.8
BEKR	comp=Z,11nm,1.1s	53.38	72	P	P	17 02 12.2 +2.2
BEKR	Beckworth			I	Amb	17 02 12.8 +1.0
AFDM	comp=Z,11nm,1.1s	53.62	62	P	P	17 02 14.1 +1.5
AFDM	Forest Hills D			I	Amb	17 02 15.7
MCMT	comp=Z,11nm,1.1s	53.72	71	P	P	17 02 17.4 +2.4
MCMT	McKenzie Canyo			I	Amb	17 02 19.1 +2.1
FAHR	comp=Z,11nm,1.1s	54.04	71	P	P	17 02 19.1 +2.1
FAHR	Pah Rah Range			I	Amb	17 02 20.3
PNTR	comp=Z,11nm,0.9s	54.31	71	P	P	17 02 16.5 -0.9
YERR	comp=Z,11nm,0.9s	54.31	71	P	P	17 02 16.5 -0.9
YERR	Yerrington			I	Amb	17 02 17.5 +0.6
LSA	comp=Z,4.0nm,0.6s	54.32	295	P	P	17 02 17.4 +0.6
LSA	Lhasa			I	Amb	17 02 19.3 +1.4
LSA	comp=Z,3.8nm,0.6s	54.32	295	P	P	17 02 19.3 +1.4
LSA	Lhasa			I	Amb	17 02 19.9 +1.6
AAK	comp=Z,3.0nm,0.8s	54.42	295	P	P	17 02 20.3 +1.8
AAK	Ala-Archa			I	Amb	17 02 21.2 +1.7
AAK	Ala-Archa			I	Amb	17 02 21.2 +1.7
AAK	Ala-Archa			I	Amb	17 02 23.1 +2.0
YHL	comp=Z,13nm,1.1s	54.42	295	P	P	17 02 23.1 +2.0
YHL	Yeghen Lake			I	Amb	17 02 23.1 +2.0
YHB	comp=Z,13nm,1.1s	54.50	61	P	P	17 02 23.1 +2.0
YHB	Yeghen Lake			I	Amb	17 02 25.2 +1.9
GCMT	comp=Z,13nm,1.1s	54.59	59	P	P	17 02 25.2 +1.9
GCMT	Greycliff			I	Amb	17 02 25.2 +1.9
YHH	comp=Z,13nm,1.1s	54.65	61	P	P	17 02 25.2 +1.9
YHH	Holmes Hill			I	Amb	17 02 25.2 +1.9
YMR	comp=Z,13nm,1.1s	54.67	61	P	P	17 02 25.2 +1.9
YMR	Madison River			I	Amb	17 02 25.2 +1.9
KVN	comp=Z,13nm,1.1s	54.88	70	P	P	17 02 25.2 +1.9
KVN	Kaiserville			I	Amb	17 02 25.2 +1.9
KVN	comp=Z,13nm,1.1s	54.88	70	P	P	17 02 25.2 +1.9
KVN	Kaiserville			I	Amb	17 02 23.0 +1.7
YNE	comp=Z,13nm,1.1s	54.92	60	P	P	17 02 23.0 +1.7
YNE	Yellowstone No			I	Amb	17 02 23.0 +1.7
RYN	comp=Z,8.8nm,1.0					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like Moraine State, M55A, M55A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like ROSF, Rostrenen, ROSF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like DANN, Dangsing, DANN, etc.

IDC 01 17:16:11.2,2.9,35.5,81N,140.82E, h0km, mb3.3/3, mb1 3.5/5, mb1mx3.3/28, mbtm3.3/4,5, ML3.3/2, Error ellipse: s-maj=66.2km s-min=23.3km az=52.0

IDC 01 17:37:29.9,3.1,57.36N,33.27W, h0km, mb3.2/5, mb1 3.5/5, mb1mx3.3/28, mbtm3.3/2/5, MS3.0/6, Ms1 3.0/6, ms1mx2.7/23, Error ellipse: s-maj=84.3km s-min=36.3km az=164.0, Reykjanis Ridge

IDC 01 17:16:21.4,1.1,35.49N,140.11E, h0km, mb2.2km, M2.8, n16, c1917/18, mb3.5/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like JCN, Nagara, JCN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like BORG, Borgarnes, BORG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like XAN, Xian, XAN, etc.

NDI 01 17:45:02.1,1.8,26.11N,93.10E, h33km, mb4.6, mb4.4(NEIC)

NEIC 01 17:45:04.7,1.9,26.23N,0.0793,00E,0.09, h41km, 8km, mb4.4/47, Error ellipse: s-maj=12.9km s-min=8.7km az=64.0

BUI 01 17:45:04.7,0.0,26.29N,92.91E, h55km, mb4.5/31, mb4.3/35, ML3.8/6, Ms3.7/11, Ms7.3/5/10

IDC 01 17:45:06.0,0.6,26.21N,92.81E, h42km, 5km, mb3.8/15, mb1 4.0/16, mb1mx3.7/41, mbtm4.1/16, ML4.7/2, MS3.9/5, Ms1 3.0/5, ms1mx2.6/44, Error ellipse: s-maj=15.7km s-min=9.0km az=80.0

DMN 01 17:45:05.2,0.5,26.77N,92.99E, h10km, M5.0/6, Error ellipse: s-maj=43.2km s-min=9.4km az=9.0

ISC 01 17:45:04.0,0.4,26.23N,0.0492,78E,0.04, h35km, n120, c185/138, mb4.4/39, MS3.0/3, 6C-3D, Northeastern India

STR 01 17:29:07.0,0.4,49.1N,2.2E, h9km, 5km, MLV2.2/2, smi:scs/0.6/LOC SAT earthModelID

LDG 01 17:29:07.4,0.1,48.69N,2.15W, h5km, M2.2, 7/5, M2.7/19, Error ellipse: s-maj=1.9km s-min=0.9km az=174.0

BGS 01 17:29:07.3,0.5,48.76N,2.18W, h8km, 99km, ML1.8, ISC 01 17:29:05.7,1.1,48.73N,0.003,2.08W,0.02, h12km, 10km, n34, c124/72, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like JDC, Jersey Dam, JDC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like BRDH, Bariadhala, BRDH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like TIA, Tain, TIA, etc.

ASAJ	Asahikawa	43.75 53 LR	LR	18 14 26.4
KIV	Kislovodsk	49.93 307 P	IAMB	17 53 07.7 +0.1 17 53 12.3
ERM	Erimo	43.94 56 P	P	17 53 06.2 -1.4
BR131	Keskin Array S	50.57 301 P	P	17 54 00.8 +1.3
BRTR	Keskin Array B	50.57 301 P	P	17 54 00.5 +1.0
BRTR	Keskin Array B	50.57 301 P	P	17 54 00.7 +1.3
AKASG	Malin Array Be	53.59 315 P	P	17 54 22.1 +0.6
AKASG	Malin Array Be	53.59 315 P	P	17 54 21.9 +0.4
AKBB	Malin Array Si	53.59 315 P	IAMB	17 54 22.7 +0.8
KNRA	Kununurra	54.40 136 P	P	17 54 28.2 +0.4
FITZ	Fitzroy Cross	54.42 141 P	IAMB	17 54 27.9 0.0 17 55 11.3
PETK	Petrovskovsk-V	54.53 42 P	P	17 54 28.7 +0.4
VRI	Vrionciosa	55.30 309 P	P	17 54 36.4 +2.3
PLOR	Plostinia	55.36 309 P	P	17 54 36.5 +2.0
BIZ	Bicz	55.69 310 P	P	17 54 38.2 +1.4
MLR	Muntele Rosu	55.88 309 P	P	17 54 40.4 +2.0
MLR	Muntele Rosu	55.88 309 P	P	17 54 40.2 +1.9
MLR	Muntele Rosu	55.88 309 P	IAMB	17 54 41.7
OZUR	Ozur	55.95 309 P	P	17 54 40.8 +2.1
FI1A	FINESS Array S	56.20 328 P	P	17 54 40.9 +0.7
FINES	FINESS Array B	56.21 328 P	P	17 54 41.1 +0.9
FINES	FINES	56.21 328 P	P	17 54 53.6 -1.4
FINES	FINESS Array B	56.21 328 P	P	17 54 41.4 +1.2
BURAR	Bucovina Array	56.25 311 P	P	17 54 42.0 +1.1
BURAR	Bucovina Array	56.25 311 P	P	17 54 41.4 +0.4
BUR08	Bucovina Arr. S	56.26 311 P	P	17 54 42.4 +1.4
BUR08	Bucovina Arr. S	56.26 311 P	IAMB	17 55 17.2
VOIR	Santorini	56.51 309 P	P	17 54 44.1 +1.3
SANT	Santorini	56.58 298 P	IAMB	17 54 49.2 +0.2
ARCS	ARCESS Array B	57.55 337 P	P	17 54 53.3 +2.2
ARCES	ARCESS Array B	57.55 337 P	P	17 54 51.7 +0.6
KWP	Kalwaria Pacia	57.79 314 P	P	17 54 52.6 +0.9
VTS	Vitosha	58.11 305 P	IAMB	17 54 55.3 +1.1
MDVR	Moldovita	58.93 308 P	P	17 55 01.6 +1.8
WRA	Warramunga Arr	61.10 135 P	P	17 55 15.8 +0.9
WRA	Warramunga Arr	61.10 135 P	P	17 55 28.2 -1.5
WRA	Warramunga Arr	61.10 135 P	P	17 55 15.1 +0.2
WRAB	Tennant Creek	61.10 135 P	IAMB	17 55 29.1
WB2	Warramunga Arr	61.11 135 P	P	17 55 15.1 +0.1
WB2	Warramunga Arr	61.11 135 P	IAMB	17 55 28.8
WR0	Warramunga Arr	61.24 134 P	P	17 55 15.9 +0.1
WR0	Warramunga Arr	61.24 134 P	IAMB	17 55 30.1
SPITS	Spitsbergen Arr	61.73 347 P	P	17 55 19.8 +1.5
VRAC	Vranov	61.79 314 P	P	17 55 21.1 +1.9
NC405	NORSAR Array S	63.13 327 P	P	17 55 28.7 +0.8
NC303	NORSAR Array S	63.28 328 P	P	17 55 29.2 +0.3
NB201	NORSAR Subarray	63.38 327 P	P	17 55 29.9 +0.6
NB2	NORSAR Subarray	63.38 327 P	P	17 55 30.3 +0.7
NOA	NORSAR Array B	63.38 327 P	P	17 55 29.9 +0.3
NOA	NORSAR Array B	63.38 327 P	P	17 55 43.0 -1.5
NA001	NORSAR Array S	64.56 327 P	P	17 55 29.8 -1.0
NC204	NORSAR Array S	63.57 328 P	P	17 55 31.6 +0.7
AS31	Alice Springs	63.58 138 P	P	17 55 32.0 +0.6
ASAR	Alice Springs	63.59 138 P	P	17 55 32.4 +1.0
ASAR	Alice Springs	63.59 138 P	P	17 55 44.8 -1.5
GE2C	GERESS Array B	63.74 314 P	IAMB	17 55 33.0 +0.7
GE2C	GERESS Array B	63.74 314 P	IAMB	17 55 34.5
GERES	GERESS Array B	63.74 314 P	P	17 55 33.9 +1.5
NRCA	Norcia	65.40 307 P	IAMB	17 55 44.0 +0.8
NRCA	Norcia	65.40 307 P	IAMB	17 55 46.4
STKA	Stephens Creek	74.21 138 P	P	17 56 37.2 -0.1

TWK1	Hengchun	0.47 305 P	Sb	18 24 20.4 +1.0
HEN	Hengchun	0.47 305 P	Sb	18 24 13.5 -1.3
HEN	Hengchun	0.47 305 P	S	18 24 22.5 +0.9
LAY	Lan-yu	0.48 50 eP	Pb	18 24 13.8 -1.0
LAY	Lan-yu	0.48 50 eP	Sb	18 24 23.1 +1.3
TAW	Tawu	0.67 339 eP	Pb	18 24 15.7 -2.2
EAZT	Anasao	0.71 336 eP	Pb	18 24 16.4 -2.2
SCST	Fangliu	0.81 322 eP	Pb	18 24 18.7 -1.6
SCZT	Fangliu	0.81 322 eP	Sb	18 24 33.0 +2.2
ECLT	Taimali	0.88 348 eP	Pn	18 24 18.2 -2.7
SSPT	Xinbi	0.92 324 eP	Pn	18 24 21.4 -0.2
SSPT	Xinbi	0.92 324 eP	S	18 24 37.5 +3.8
WLCH	Liuqiu	0.95 311 eP	Pn	18 24 20.4 -1.5
WLCH	Liuqiu	0.95 311 eP	Sb	18 24 35.5 +0.7
TWP	Hsiao-liuchiu	0.95 310 eS	Sb	18 24 35.1 +0.1
MASBT	Masubuluo	1.00 331 eP	S	18 24 21.2 -1.4
MASBT	Masubuluo	1.00 331 eP	S	18 24 38.1 +2.5
TWH	Lutao	1.02 17 eP	Pn	18 24 20.7 -2.2
YOJ	Yonaguni jima	3.21 32 P	Pn	18 24 52.8 -0.2
HATJ	Hateruma jima	3.37 46 P	Pn	18 24 56.3 +1.2
IRIF	Iriomote-Funau	3.51 42 eS	Pn	18 25 34.4 +0.4
IRIF	Iriomote-Funau	3.51 42 eS	Pn	18 25 58.8 +1.1
JKRS	Kuro-shima	3.62 46 P	Pn	18 24 59.6 +0.9
JKRS	Kuro-shima	3.62 46 P	S	18 25 40.8 +0.4
JJ	Ishigaki jima	3.80 46 eS	Pn	18 25 01.4 +0.3
JJ	Ishigaki jima	3.80 46 eS	S	18 25 44.3 -0.5
JISG	Ishigakijimah	4.06 45 eS	Pn	18 24 44.6 -0.1
JISG	Ishigakijimah	4.06 45 eS	S	18 25 52.0 +0.7
JTJ	Tarama	4.36 48 eP	Pn	18 25 02.7 +0.3
JTJ	Tarama	4.36 48 eP	S	18 25 58.5 -0.1

NCEDC 01 18:25:56.3.1.5.36:59N:0.03:121.19W:0.04,h7km,7km, M2,6/139, Error ellipse: s-maj=6.7km s-min=2.3km

NEIC 01 18:25:56.2.2.5.36:58N:0.04:121.29W:0.06,h18km,4km, Error ellipse: s-maj=8.7km s-min=2.9km az=53.0, Central California

BJOM	Mount Johnson	0.05 339 P	Pg	18 25 58.8 -0.8
BLM	Lewis Ranch	0.09 311 P	Pg	18 25 59.1 -0.8
BLM	Lewis Ranch	0.09 311 P	Pg	18 25 59.0 -0.8
SCZ	Santa Cruz	0.09 280 P	Sg	18 25 59.9 0.0
WR0	Warramunga Arr	0.13 49 P	Pg	18 26 02.4 +0.1
BEHM	Elkhorn Ranch	0.13 49 P	Pg	18 25 59.1 +0.4
BCGM	Cienega Road	0.13 342 P	Pg	18 26 00.1 -0.2
BEHM	Elkhorn Ranch	0.18 63 P	Pg	18 25 59.8 -0.3
BEHM	Elkhorn Ranch	0.18 63 P	Pb	18 25 59.5 -0.7
BNNM	San Benito	0.19 112 P	Pg	18 25 59.6 -1.0
BVYM	Vineyard	0.20 330 P	Pg	18 26 01.3 +0.1
BBGB	Big Mountain B	0.20 91 P	Pg	18 25 60.0 -1.0
BSFM	Salinas Radio	0.20 295 P	Pg	18 26 01.8 +0.5
BSFM	Salinas Radio	0.22 73 P	Pg	18 26 00.0 -1.2
SAO	San Andreas Ge	0.22 325 P	Pg	18 26 01.7 +0.2
BSMM	Soledad Missio	0.23 209 P	Pg	18 26 02.1 +0.4
FRP	Frement Peak	0.23 317 P	Pg	18 26 02.0 +0.2
LRV	Little Rabbit	0.27 125 P	Pg	18 26 02.1 -1.1
BPNC	Pine Canyon	0.27 268 P	Pg	18 26 03.2 -1.0
HAST	Hastings Reser	0.28 228 P	Pg	18 26 02.2 +0.4
HAST	Hastings Reser	0.28 228 P	Sb	18 26 08.0 +0.9
HJGM	San Juan Grade	0.31 314 P	Pg	18 26 03.4 +0.1
HBTM	San Juan Bauti	0.34 322 P	Pg	18 26 04.1 +0.4
BCWM	Chews Ridge	0.35 219 P	Pg	18 26 05.4 +0.4
HTJM	Holmes Ranch	0.37 311 P	Pg	18 26 07.1 +0.5
ANZ	Anzar Road	0.39 322 P	Pg	18 26 04.7 +0.1
PBWM	Bitterwater Cr	0.40 132 P	Pg	18 26 03.2 -1.2
HERM	Elkhorn Road	0.40 303 P	Pg	18 26 05.7 +0.9
BMSM	Mercy Hot Spring	0.41 307 P	Pg	18 26 03.9 -0.8
PHRM	Hernandez Vall	0.43 119 P	Pg	18 26 04.1 -1.0
CMR	Comstock Peak	0.43 328 P	Pg	18 26 06.8 +0.4
HCOM	Corn Cob Canyon	0.45 312 P	Pg	18 26 06.4 +0.7
CDC	Canada Road	0.47 341 P	Pg	18 26 06.8 +0.9
SFJWR	San Luis Fatjo	0.48 11 P	Pg	18 26 05.9 0.0
BPCM	Pacheco Lake	0.48 1 P	Pg	18 26 06.3 +0.2
HAPM	Anderson Peak	0.50 215 P	Pg	18 26 07.0 +0.5
SLD	San Luis Dam	0.49 6 P	Pg	18 26 06.1 +0.1
PCCM	Crazy Canyon	0.50 178 P	Pg	18 26 06.3 -0.1
HCOM	Monterey	0.51 262 P	Pg	18 26 07.6 -0.9
BPOM	Post Ranch	0.52 228 P	Pg	18 26 07.5 +0.7
GHS	Gilroy Hot Spr	0.55 346 P	Pg	18 26 07.8 +0.7
PHM	Phonon Peak	0.55 339 P	Pg	18 26 08.1 +0.4
PMPB	Monarch Peak	0.54 133 P	Pg	18 26 06.0 -1.0
JELB	Ellicott, Sant	0.55 309 P	Pn	18 26 08.3 -0.9
HSPM	Sheep	0.56 341 P	Pn	18 26 08.4 -0.9
CADM	Anderson Res.	0.64 335 P	Pn	18 26 09.9 -0.5
PSAM	San Ardo	0.64 149 P	Pg	18 26 08.1 -0.1
JTM	Trogl Gulch Ro	0.65 314 P	Pg	18 26 09.1 +0.2
PAPM	Alder Peak	0.67 185 P	Pg	18 26 09.6 +0.2
JLAB	Laurel Hill	0.67 328 P	Pn	18 26 10.6 -0.3
JHLM	Holstrom Ranch	0.68 321 P	Pn	18 26 10.6 -0.5
JHLM	Holstrom Ranch	0.71 310 P	Pn	18 26 10.8 -0.5
AMC	Amador	0.73 322 P	Pg	18 26 11.2 -0.4
CCOB	Corn Ranch Numb	0.74 336 P	Pn	18 26 12.5 +0.7
JSTM	Santa Teresa H	0.74 327 P	Pg	18 26 11.7 -0.1
JJMM	Mount Umunhum	0.76 320 P	Pg	18 26 11.5 +0.4
PHSB	Hesperia Broad	0.78 166 P	Pg	18 26 10.9 -0.3
ARNS	Arnold Ranch	0.79 346 P	Pg	18 26 12.5 0.0
MHC	Mount Hamilton	0.81 340 P	Pg	18 26 10.2 +0.2
PARM	Anticline Ridge	0.83 113 P	Pg	18 26 12.1 -0.1
PANM	San Antonio Re	0.86 159 P	Pb	18 26 12.3 -0.3
PKD	Bear Valley Ra	0.88 136 P	Pb	18 26 11.9 -1.0
JBNB	Ben Lomond Mou	0.88 308 P	Pg	18 26 13.8 +0.1
CMVM	Mount Mocho	0.89 350 P	Pg	18 26 14.1 +0.2
PPO	Portuguese Can	0.90 142 P	Pg	18 26 12.8 -0.5
PSK	Portuguese Can	0.90 142 P	Pg	18 26 13.2 -1.0
PHCM	Hearst Castle	0.90 173 P	Pg	18 26 13.5 +0.1
PHCM	Hearst Castle	0.90 173 P	Pg	18 26 12.4 -1.0
CMLM	Mount Lewis	0.94 342 P	Pg	18 26 15.1 +0.5
PWKI	Wark Ranch	0.95 337 P	Pg	18 26 15.0 0.0
RAMR	Ranch Ramon	1.00 160 P	Pg	18 26 15.0 0.0
CTM	Castle Mountai	1.01 130 P	Pn	18 26 15.4 -0.1
CMJM	Mission San Joy	1.05 334 P	Pn	18 26 16.3 +0.3
PCMM	Cholame Hills	1.05 137 P	Pg	18 26 15.3 -0.6
JJRM	Joaquin Road	1.05 317 P	Pg	18 26 16.4 -0.3
JJF	Joaquin Road	1.06 317 P	Pg	18 26 16.5 -0.1
MYLM	Yosemite Lake	1.06 41 P	Pg	18 26 15.3 -0.8
GHC	Gold Hill	1.07 134 P	Pg	18 26 15.4 -0.7
PSBM	Cambria	1.08 170 P	Pg	18 26 16.7 +0.3
JCFB	Stanford Teles	1.08 319 P	Pg	18 26 17.5 +0.3
PKEM	Kettleman Hill	1.09 116 P	Pg	18 26 16.8 +0.3
BLDC	Black Mountain	1.11 363 P	Pg	18 26 17.0 +0.1
BLDC	Black Mountain	1.09 163 P	Pg	18 26 16.8 +0.2
PSRM	Scobie Ranch	1.09 131 P	Pg	18 26 16.2 -0.4
PKLM	Kerr Lake	1.11 136 P	Pg	18 26 16.4 -0.5
CVLM	Valecchio	1.13 337 P	Pg	18 26 18.2 +0.1
PSNM	Stone Corral	1.13 134 P	Pg	18 26 16.7 -0.4
BGH	Bear Gulch	1.13 312 P	Pg	18 26 17.9 -0.2
ARDC	Alexander Ranch	1.14 167 P	Pg	18 26 17.1 -0.2

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like H11S3 WAKE ISLAND and MKAR Makanchi Array.

KEA 01 19:41:15.9,0.0,40.81N,122:55E,h0km,ML2.4/3, Northeastern China

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like SUJ Sinuiju and PYS Pyongsong.

IDC 01 19:43:07.9,2.7,6.43S,130.88E,h86km,26km,mb3.8/12, mb1.4/1.6,mb1mx3.9/33,mbtmp4.3/16,Error ellipse: s-maj=22.6km s-min=12.1km az=81.0

NEIC 01 19:43:10.2,3.6,3.63S,108.130.87E,0.08,h112km,6km, mb4.5/06,Error ellipse: s-maj=12.1km s-min=8.2km az=82.0

DJA 01 19:43:09.4,0.2,6.5,2.13E, h120km,5km, M4.8/16, mb4.7/16,mb5.3/11,MLV4.9/14,Mv(mb)4.7/11

ISC 01 19:43:08.5,0.4,6.43S,104.130.93E,0.05,h100km,n109, s=193/118,mb4.5/33,1D,Banda Sea

Main table on the left side containing station data for various stations including SAUI, BNDI, FAKI, etc.

Main table in the middle containing station data for various stations including CHTO, ENH, MJAR, etc.

Main table on the right side containing station data for various stations including APZ9, APAT, etc.

1d 20h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like GHHM Hull Mountain, YBH Yreka Blue Hor, GVV Valley View, etc.

NEIC 01 20:31:31.7±1.9, 5.60S; 0.07x151.7E±0.1, h93km±10km, mb4.7/16, Error ellipse: s-maj=20.0km s-min=9.2km az=100.0

IDC 01 20:31:32.5±1.2, 5.43S; 151.43E, h86km±13km, mb3.6/7, mb1 3.8/8, mb1mx3.5/6, mbtmp3.9/8, Error ellipse: s-maj=41.8km s-min=14.3km az=121.0

ISC 01 20:31:28.8±0.6, 5.65S; 0.07x151.6E±0.1, h57km, n34, r1979/34, mb4.4/14, 1C-2Z, New Britain region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like KRVT Keravat (AS076), RABL Rabaul, PMG Port Moresby, etc.

IDC 01 20:32:12.6±1.0, 3.37S; 146.94E, h0km, mb4.1/11, mb1 4.2/13, mb1mx4.0/36, mbtmp4.1/13, ML3.2/2, MS3.4/8, MS1 3.4/8, mb1mx3.2/20, Error ellipse: s-maj=29.0km s-min=16.7km az=82.0

NEIC 01 20:32:17.5±1.5, 3.47S; 0.10x146.9E±0.1, h35km±6km, mb4.7/23, Error ellipse: s-maj=18.6km s-min=13.6km az=71.0

DJA 01 20:32:39.7±3.1, 5°S; 15°14'6E±1°5', h102km±33km, M4.4/7, mb4.4/7, mb4.4/1, Mw(mb)3.5/1

ISC 01 20:32:16.0±0.7, 3.43S; 0.08x146.9E±0.1, h25km, n54, r1942/44, mb4.2/14, MS3.5/4, Bismarck Sea

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

15 APR

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, SANI Sanana, etc.

ATA 01 20:32:28.9±2.3, 39.31N; 40.05E, h26km±7km, ML1.7, MW4.2

ISK 01 20:32:29.7, 39.29N; 40.11E, h7km, ML2.3/17

DDA 01 20:32:29.9, 39.34N; 40.02E, h4km±1km, ML1.9

ISC 01 20:32:30.1±1.0, 39.34N; 0.02x40.09E±0.02, h10km±gkm, n40, r121/59, Turkey

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like YEDI Yedisu-Bingol, ERZN Erzincan, ERZN Uzumlu, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h, m, s, ISC. Includes stations like GURO Guroymak-BITLI, ESPY Espiye-Giresun, MAZI Mazidag, etc.

IDC 01 20:51:19.1±1.7, 41.24N; 116.48W, h0km, mb1 2.7/2, mb1mx2.6/30, mbtmp2.2/2, ML2.7/2, Error ellipse: s-maj=15.7km s-min=6.6km az=168.0

NEIC 01 20:51:22.1±2.7, 40.91N; 0.03x116.41W±0.04, h0km±2km, ML2.9/38, Error ellipse: s-maj=6.6km s-min=3.1km az=311.0

ISC 01 20:51:19.8±1.0, 41.03N; 0.04x116.50W±0.04, h0km±n25, r180/24, Nevada

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

IDC 01 20:51:39.0±0.9, 28.06N; 101.65E, h0km, mb3.6/8, mb1 3.8/9, mb1mx3.6/36, mbtmp3.6/9, ML3.9/1, MS3.1/3, CD2 MS1 3.2/3, ms1mx2.7/33, Error ellipse: s-maj=31.5km s-min=17.2km az=83.0

NEIC 01 20:51:40.8±1.3, 27.98N; 0.08x101.63E±0.09, h14km±4km, mb4.3/11, Error ellipse: s-maj=13.8km s-min=10.2km az=225.0

BUI 01 20:51:40.8±0.0, 27.91N; 101.39E, h8km, mb3.6/6, ML3.6/14, MS3.6/9, MS7.3/4/7

ISC 01 20:51:40.6±0.6, 27.91N; 0.05x101.46E±0.06, h10km±n46, r198/44, mb4.1/12, Sichuan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include VRAC Vranov, VRAC Moravsky, KRUC Novy Kostel, KNC Kasperske Hory.

IDC 01 23:41:08.0.1.0, 13:84N-121:26E, h152km, 6km, mb3.1/5, mb1.3/4.6, mb1mx3.1/36, mbmt3.7/6, Error ellipse: s-maj=47.3km s-min=16.5km az=59.0

MAN 01 23:41:08.8, 13:52N-120:69E, h125km, mb4.7, ML3.6, MS3.5

ISC 01 23:41:08.6-0.8, 13:53N-120:04-120:77E, h142km, 6km, n27, r121/37, mb3.5/5, 2C-1D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PGP Puerto Galera, LUBP Lubang, TGy Tagaytay City, BOAC Boac, SJMP San Jose, BAMP San Manuel, ENPP Enid, ENPP Bolinao, KAPI Kappang, CMAR Chiang Mai, TAPN Taplejung, ODAN Odare, RAMN Ramite, JIRN Jiri, GUN Gumba, PKI Pulchoki, PKIN Pulchoki, WRA Warramunga, DANN Dangsing, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam.

UPA 01 23:46:30.2.3.2, 21:87S-66:32W, h10km, 379km, MW8.1

IDC 01 23:46:44.9.0.3, 19:35S-70:51W, h0km, mb5.5/29, mb1.5/5.3/2, mb1mx5.5/34, mbmt5.4/32, ML4.5/3, MS8.0/25, Ms1.7/25, ms1mx7.7/34, Error ellipse: s-maj=14.4km s-min=9.6km az=79.0

MOS 01 23:46:44.7.1.1, 19:45S-70:75W, h10km, mb6.9/7, MS7.9/1, Error ellipse: s-maj=18.0km s-min=6.0km az=92.4, Broca's fault plane solution: P waves. NP1: 0.283, 0.0000; 0.812, 0.0000; 0.31, 0.0000; NP2: 0.213, 0.0000; 0.84, 0.0000; 0.101, 0.0000; Principal axes: T P1g50.0000; Azm85.0000; N P1g11.0000; Azm342.0000; P P1g38.0000; Azm243.0000;

GUC 01 23:46:45.5.0.9, 19:57S-70:91W, h39km, 8km, MW8.2

SOME 01 23:46:47.0.0.0, 19:60S-70:95W, h20km, MS7.1/2

NEIC 01 23:46:47.3.1.4, 19:61S-70:05-70:77W, 0.6, h25km, 1km, mb7.1/505, Ms 20.8/0.7, Mwcb.1/28, MW6.2, Mwcb.1(GCMT), Error ellipse: s-maj=10.2km s-min=7.5km az=294.0

BUI 01 23:46:48.2.0.0, 19:62S-70:75W, h20km, mb7.6/42, MS8.2/85, Ms7.8/280

VAO 01 23:46:49.2.1.4, 19:46S-70:52W, h34km, 10km, mb6.9

SJA 01 23:46:51.2.9.1, 19:57S-70:91W, h39km, ML2.7, MW7.0

NEIC 01 23:47:19.77S-70:98W, h2km, Moment Tensor Solution. Moment tensor: Scale 10^21 Nm; Mr0.94; Mw0.04; Mw0.90; Mw0.59; Mw0.20; Mw1.27; Fault plane solution: Mo1.690000; 10^21 NP1.157.000000; 0.73.000000; 0.84.000000; NP2.357.000000; 0.18.000000; 1.09.000000; Principal axes: T 1.7024, Plg61.0000; Azm58.0000; N -0.242, Plg6.0000; Azm159.0000; P -1.6792, Plg28.0000; Azm252.0000

NEIC 01 23:47:19.77S-70:98W, h2km, Moment Tensor Solution. Moment tensor: Scale 10^21 Nm; Mr0.87; Mw0.01; Mw0.87; Mw0.75; Mw0.18; Mw1.20; Fault plane solution: Mo2.350000; 10^21 NP1.156.000000; 0.79.000000; 0.87.000000; NP2.358.000000; 0.11.000000; 1.07.000000; Principal axes: T 2.3388, Plg56.0000; Azm66.0000; N 0.0188, Plg3.0000; Azm161.0000; P -2.3576, Plg34.0000; Azm253.0000;

GCMT 01 23:47:31.3.0.1, 19:70S-01:70-81W, 0.1, h22km, MW8.1/70, Moment Tensor Solution. s166.0407; s170.702; Duration: 280; Moment tensor: Scale 10^21 Nm; Mr0.92; Mw0.04; Mw0.90; Mw0.59; Mw0.20; Mw1.27; Fault plane solution: Mo1.690000; 10^21 NP1.157.000000; 0.73.000000; 0.84.000000; NP2.357.000000; 0.18.000000; 1.09.000000; Principal axes: T 1.7024, Plg61.0000; Azm58.0000; N -0.242, Plg6.0000; Azm159.0000; P -1.6792, Plg28.0000; Azm252.0000

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PSGC Pisagua, PSGC Pisagua, PSGCX Pisagua, PSGCX Pisagua.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB11 IPOC Station P, PB11 IPOC Station P, PB11 IPOC Station P, PB11 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PB12 IPOC Station P, PB12 IPOC Station P, PB12 IPOC Station P, PB12 IPOC Station P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AP01 Chacalluta, AP01 Chacalluta, AP01 Chacalluta, AP01 Chacalluta.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ROC1 El Roble, UTMN Universidad Te, PEL Feldehue, PIL Pelileo, PIL Pajar, AAGR Agrelo, MRA San Martin, MRA MRA, CPUP Villa Florida, CPUP Villa Florida.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AQDB Aquidauana, AQDB Aquidauana, ATAH Atahualpa, ATAH Atahualpa, SALV Santo Antonio, SALV Santo Antonio, YCA YACRETA, YCA YACRETA, GO05 Huala, GO05 Huala, I14CL ROBINSON CRUSO, I14CL ROBINSON CRUSO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include I14CL ROBINSON CRUSO, I14CL ROBINSON CRUSO, I14CL ROBINSON CRUSO, I14CL ROBINSON CRUSO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include I14CL ROBINSON CRUSO, I14CL ROBINSON CRUSO, I14CL ROBINSON CRUSO, I14CL ROBINSON CRUSO.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include I14CL ROBINSON CRUSO, I14CL ROBINSON CRUSO, I14CL ROBINSON CRUSO, I14CL ROBINSON CRUSO.

UPA	Univ. de Panam	29.70 342	eP	P	23 53 06.0 +13
UPA			eS	S	23 58 24.4 +36
NANC3	Nancito, Chiri	29.71 338	eP	P	23 53 09.9 +17
REME3	Remedios, Chir	29.73 338	eP	P	23 53 11.0 +18
PML3	Paraiso	29.76 342	eP	P	23 53 09.5 +16
CHPO	Chopo Panama	29.76 343	eP	P	23 53 09.5 +17
ZANG	Zanguenga, Cho	29.77 342	eP	P	23 53 09.4 +16
MAD3	Madden Dam	29.94 342	eP	P	23 53 07.6 +13
BCIP	Isla Barro Col	29.96 342	eP	P	23 52 55.4 +0.4
BCIP	Isla Barro Col	29.96 342	eP	P	23 53 12.2 +17
BCIP	Isia Barro Col	29.96 342	eP	P	23 52 58.0 +0.6
BCIP			pmax	pmax	23 52 54.4 -0.6
BCIP	comp-Z,4um,1.5s			MLR	MLR
BCIP	comp-Z,4176um,22.0s				
BCIP	Isia Barro Col	29.96 342	eP	P	23 52 57.5 +2.6
BCIP	Isia Barro Col	29.96 342	eP	P	23 52 54.4 -0.6
BCIP			Iamb	Iamb	23 53 51.2
BCIP	comp-Z,4um,1.4s			IAMS_20	IAMS_20
FRJ	El Hiral	29.98 342	eP	P	23 53 11.2 +16
MLR	Monte Lirio	30.04 342	eP	P	23 53 11.2 +16
CHIR3	Chiriqui UPA,	30.07 337	eP	P	23 53 13.9 +18
PEDE3	Pedregal, Chir	30.09 337	eP	P	23 53 14.2 +18
PINA	Piña, Castillo Ab	30.11 342	eP	P	23 53 12.7 +16
LOC03	Loma Colorada,	30.12 337	eP	P	23 53 14.2 +18
LOMA3	Las Lomas, Chi	30.13 337	eP	P	23 53 12.6 +16
DVD	David	30.15 337	eP	P	23 53 15.0 +18
BAGA3	Bagala, Chiriqu	30.21 336	eP	P	23 53 17.0 +20
SBA3	San Bartolo, C	30.21 336	eP	P	23 53 16.0 +19
PCRV	Puerto La Cruz	30.22 12	P	P	23 52 55.3 -2.0
PCRV	comp-Z,32nm,0.6s,baz=197,slow=5.4,SNR=15			LR	LR
PCRV	comp-Z,5849um,20.2s,slow=40				
LESP	La Esperanza,	30.25 336	eP	P	23 53 16.1 +18
DABV	Dabajuro	30.35 30	eP	P	23 52 54.5 -3.9
MDP	Montagnes des	30.37 38	eP	P	23 52 55.6 -3.1
MDP	comp-Z,60nm,0.5s,baz=215,slow=8.8,SNR=22				
MDP	comp-Z,1342um,18.5s,baz=214,slow=40			LR	LR
BC02	Palмира	30.44 337	eP	P	23 53 13.2 +14
PIRO	Carate, Puerto	30.47 335	eP	P	23 53 15.8 +16
CHGR2	Aguaicate	30.50 337	eP	P	23 53 17.9 +18
BRU2	Volcan	30.57 336	eP	P	23 53 19.3 +19
BRU2			eS	S	23 53 18.2 +17
BRU2	Volcan	30.57 336	eP	P	23 53 05.2 +4.6
PTJ1	Puerto Jimenez	30.57 335	eP	P	23 53 21.7 +21
MLR3	Monte Lirio, C	30.62 336	eP	P	23 53 18.2 +17
SMRC	Santa Marta, M	30.78 353	eP	P	23 52 58.6 -3.5
BUAY	Buenos Aires,	30.87 18	eP	P	23 53 12.7 +16
ALNG	Atlantic LNG	31.02 18	eP	P	23 53 02.2 +1.4
CN12	El Pinalme, Bo	31.07 337	eP	P	23 53 23.2 +18
TPP	Pointe-a-Pierre	31.14 18	eP	P	23 53 05.7 +0.3
URIC	Uribia, Colomb	31.15 358	eP	P	23 53 06.9 +1.5
GUVI	Guiría	31.24 16	eP	P	23 53 07.7 -2.6
RGMO	Gandoca	31.27 337	eP	P	23 53 26.9 +2.0
RGMO			eS	S	23 53 56.9 +4.4
TBH	Brigand Hill	31.41 19	eP	P	23 53 07.8 0.0
TRN	Trinidad (W)	31.46 18	eP	P	23 53 05.9 -2.3
GO09	Cerro Castillo	31.61 182	P	P	23 53 07.0 -2.3
GO09	Cerro Castillo	31.61 182	P	P	23 53 14.4 +5.2
HDC	Heredia	32.23 335	eP	P	23 53 32.7 +18
HDC			eS	S	23 59 14.5 +4.7
HDC	Heredia	32.23 335	eP	P	23 53 19.3 +4.1
TOSP	Speyside	32.34 19	eP	P	23 53 14.2 -1.7
TOSP	Speyside	32.34 19	eP	P	23 53 14.2 -1.7
SRA1	San Ramn	32.45 334	eP	P	23 53 20.1 +3.0
GRGR	Grenville	32.81 17	eP	P	23 53 01.1
GRGR	Grenville	32.81 17	eP	P	23 53 20.1 +0.1
GTBY	Grenville	32.81 17	IAMS_20	IAMS_20	00 07 52.2
JTS	Las Juntas de	32.83 334	LR	LR	00 07 04.1
JTS	comp-Z,377um,21.0s,slow=37				
JTS	Las Juntas de	32.83 334	eP	P	23 53 37.7 +17
JTS	Las Juntas de	32.83 334	eP	P	23 53 21.3 +1.0
JTS			pmax	pmax	
JTS	comp-Z,496nm,1.1s			MLR	MLR
JTS	comp-Z,4202um,21.0s				
JTS	Las Juntas de	32.83 334	eP	P	23 53 22.5 +2.1
JTS	Las Juntas de	32.83 334	eP	P	23 53 19.0 -1.4
ARE1	Arenal 1	32.89 334	eP	P	23 53 26.3 +5.5
SAUTS	Sauteurs	32.93 334	eP	P	23 53 19.0 +0.9
CEDE	Laguna Cedeo	32.91 334	eP	P	23 53 24.5 +3.5
GRSS	Sisters	32.98 17	eP	P	23 53 23.4 +1.9
GUAI	GUAI	33.05 333	eP	P	23 53 26.8 +4.6
PLVR	Palo Verde	33.05 333	eP	P	23 53 27.8 +5.3
PTEN	Parque Tenorio	33.23 334	eP	P	23 53 27.7 +4.9
CUI	Cuipilapa	33.25 334	eP	P	23 53 27.8 +3.7
COLC	Colonia	33.28 334	eP	P	23 53 29.0 +4.8
LM1	Limalon	33.33 333	eP	P	23 53 27.9 +3.2
NY14	Universidad de	33.40 333	eP	P	23 53 29.8 +4.6
LAPC	Finca la Perla	33.47 333	eP	P	23 53 29.6 +3.7
GO10	Punta Arenas	33.47 180	Iamb	Iamb	23 53 23.3 -2.1
GO10			Iamb	Iamb	23 54 05.3
GO10	Punta Arenas	33.47 180	eP	P	23 53 34.3 +8.7
BUEV	Buena Vista	33.48 333	eP	P	23 53 30.6 +4.6
GBS3	Finca Las Dams	33.49 333	eP	P	23 53 31.1 +4.0
EFI	East Falkland	33.52 166	eP	P	23 53 26.3 +0.4
EFI			pmax	pmax	
EFI	comp-Z,3um,1.5s			MLR	MLR
EFI	comp-Z,3879um,20.0s				
EFI	East Falkland	33.52 166	P	P	23 53 23.8 -2.1
EFI			Iamb	Iamb	23 54 19.4
SVB	Belmont	34.01 17	eP	P	23 53 29.3 -1.2
SVB	Belmont	34.01 17	eP	P	23 53 29.3 -1.2
SVCV	St. Vincent, C	34.03 17	eP	P	23 53 30.9 +0.2
BCHC	Barbados, Cave	34.35 20	eP	P	23 53 39.7 +6.2
BBSF	Saint Philip	34.38 20	eP	P	23 53 41.2 +7.5
BGGH	Gun Hill	34.38 20	eP	P	23 53 34.4 +0.7
BBGH	Gun Hill	34.38 20	eP	P	23 53 32.4 -1.4
BBGH			IAMS_20	IAMS_20	00 09 44.0
PRVC	Isla de Provid	34.40 342	eP	P	23 53 31.9 -2.1
ACON	Acopya	34.44 335	eP	P	23 53 33.0 -1.3
MCLT	Moutie a Chique	34.51 17	eP	P	23 53 33.2 -1.6
SLBT	Saint Lucia, B	34.80 17	eP	P	23 53 41.5 +8.9
USHA	Ushuaia	35.20 178	P	P	23 53 42.5 +2.1
USHA	comp-Z,76nm,0.8s,baz=328,slow=4.5,SNR=20				
USHA			LR	LR	00 09 00.6
USHA	Ushuaia	35.20 178	eP	P	23 53 43.7 +3.3
FDF	Fort de France	35.43 16	eP	P	23 53 38.8 -4.1
CNGN	Cerro Negro	35.56 333	eP	P	23 53 47.5 +3.5
DPMT	Pointe Michel	35.88 16	eP	P	23 53 53.0 +6.4
CRIN	Crine-Daniel	35.89 332	eP	P	23 53 48.9 +2.1
MIEN	Miemo-Daniel	35.93 16	eP	P	23 53 41.9 +6.5
RPN	Rapa Nui	36.06 251	P	P	23 53 50.4 +2.2
RPN	comp-Z,221nm,1.1s,baz=72,slow=6.6,SNR=4.8			LR	LR
RPN			LR	LR	00 05 27.7
RPN	Rapa Nui	36.06 251	P	P	23 53 45.7 -2.5
RPN			pmax	pmax	
RPN	comp-Z,9um,1.7s				
RPN	Rapa Nui	36.06 251	eP	P	23 53 45.7 -2.5
CSGN	Cosiguina Volc	36.36 332	Iamb	Iamb	23 53 49.4 -1.5
CSGN			Iamb	Iamb	23 54 34.8
RCBR	Riachuelo	36.59 73	P	P	23 53 51.2 -1.7
RCBR	comp-Z,224nm,1.0s,baz=239,slow=9.4,SNR=33			LR	LR
RCBR					00 10 34.7
RCBR	Riachuelo	36.59 73	P	P	23 53 51.6 -1.3
RCBR			pmax	pmax	
RCBR	comp-Z,5um,1.4s			MLR	MLR
RCBR	comp-Z,3755um,18.0s				
RCBR	Riachuelo	36.59 73	P	P	23 53 51.6 -1.3
RCBR			Iamb	Iamb	23 54 14.4
RCBR	comp-Z,5um,1.3s				
RCBR	Riachuelo	36.59 73	eP	P	23 53 49.9 -3.0
MLYT	Lee's Yard	37.09 14	eP	P	23 53 54.8 -2.2
NVDO	Nevis, Disaste	37.38 13	eP	P	23 54 00.9 +1.5
BPA	Boggy Peak	37.48 14	eP	P	23 53 57.1 -3.2
SKI	Saint Kitts	37.56 13	eP	P	23 53 58.0 -3.0
SKI	Saint Kitts	37.56 13	eP	P	23 53 58.0 -3.0
SKI			pmax	pmax	

SKI	Saint Kitts	37.56 13	P	P	23 53 58.0 -3.0
SKI	Saint Kitts	37.56 13	Iamb	Iamb	23 54 46.1
CDVI	comp-Z,4um,1.0s				
CDVI	St. Croix	37.61 9	Iamb	Iamb	23 55 22.2
PCBJ	Portland Cotta	37.65 350	iP	P	23 54 08.8 +7.1
OBIP	Obispado Ponce	37.65 7	Iamb	Iamb	23 54 40.1
JAKH	Jacmel	37.66 357	P	P	23 54 00.8 -1.0
JAKH	Jacmel	37.66 357	P	P	23 54 49.3
JAKH	Jacmel	37.66 357	iP	P	23 53 58.8 -3.0
SEUS	St. Eustatius	37.67 12	eP	P	23 54 03.2 +1.3
PDPR	Patillas Dam,	37.70 7	P	P	23 54 03.9 -2.8
PDPR			Iamb	Iamb	23 54 33.3
YHJ	Yallahs	37.70 351	iP	P	23 54 14.9 +1.3
SABA	Saba	37.74 12	eP	P	23 54 03.9 +1.4
SABA	Saba	37.74 12	P	P	23 54 03.9 +1.4
SNET	Serv Nac Est T	37.75 330	IAMS_20	IAMS_20	00 08 33.6
MPR	Mayaguez	37.77 6	Iamb	Iamb	23 54 34.2
MPR	Mayaguez	37.77 6	iP	P	23 54 00.1 -2.5
MPR	Mayaguez	37.77 6	IAML	IAML	23 54 28.3
SJG	San Juan	37.77 7	P	P	23 54 00.1 -2.6
SJG	comp-Z,58nm,0.5s,baz=215,slow=1.2,SNR=11				
SJG	San Juan	37.77 7	P	P	23 53 59.2 -3.5
SJG	San Juan	37.77 7	P	P	23 54 01.2 -1.5
SJG			pmax	pmax	
SJG	comp-Z,2um,0.9s			MLR	MLR
SJG	comp-Z,2063um,20.0s				
SJG	San Juan	37.77 7	P	P	23 54 01.1 -1.5
SJG			Iamb	Iamb	23 54 33.3
SJG	comp-Z,2um,0.9s				
SJG	San Juan	37.77 7	IAMS_20	IAMS_20	00 12 15.4
HUMP	Col San Antonio	37.84 8	Iamb	Iamb	23 54 27.6
MDD	Santo Domingo	37.85 1	iP	P	23 54 00.1 -3.2
SJJ	Santo Domingo	37.92 349	iP	P	23 54 14.1 +1.0
MCJ	Malvern	37.92 349	iP	sP	23 54 26.8 +1.6
AOPR	Arecibo Observ	37.94 6	Iamb	Iamb	23 54 41.9
PCDR	Punta Gorda, DR	37.97 4	iP	P	23 54 03.0 -1.3
GCRP	Grenville	37.97 7	Iamb	Iamb	23 55 11.9
AGPR	Aguadilla, PR	38.02 6	Iamb	Iamb	23 54 44.5
AGPR	Aguadilla, PR	38.02 6	iP	P	23 54 00.1 -4.7
AGPR			IAML	IAML	23 56 22.4
AGPR	comp-Z,3um,0.3s				
Culebra, Puert		38.08 8	Iamb	Iamb	23 54 35.7
EMPR	comp-Z,2um,0.9s				
EMPR	Esperanza - Ma	38.09 7	Iamb	Iamb	23 54 31.3
ANWB	Willy Bob	38.10 14	eP	P	23 53 52.0 -1.3
ANWB	Willy Bob	38.10 14	P	P	23 54 03.1 -2.4
ANWB			Iamb	Iamb	23 54 48.8
BBJ	Bamboo Saint 1s	38.30 350	iP	P	23 54 17.1 +1.0
NEJ	Negri	38.36 348	iP	P	23 54 21.7 +1.4
SDDR	Presla de Saban	38.37 359	P	P	23 54 06.6 -1.2
SDDR	Presla de Saban	38.37 359	iP	P	23 54 05.4 -2.4
SDDR			IAML	IAML	23 55 15.4
APG	El Apazote,	39.48 329	P	P	23 54 17.9 +0.5
APG	comp-Z,1.1nm,0.5s,baz=184,slow=5.0,SNR=9.2			LR	LR
APG					00 09 46.9
GTBY	Guantanamo Bay	39.53 354	iP	P	23 54 17.4 -0.1
CCIG	Comitan	41.39 328	Iamb	Iamb	23 55 53.2
TEIG	Tejupilco	41.93 336	LR	LR	00 13 06.4
TEIG	comp-Z,302um,22.0s,baz=327,slow=37				
TEIG	Tejupilco	41.93 336	P	P	23 54 46.4 -0.8
PMSA	Palmer Station	45.35			

JCT	comp=Z,653nm,0.9s		pmax	pmax					
JCT		MLR	MLR						
JCT	comp=Z,442um,20.0s								
Junction City	57.10 330	P	P	23 56 31.6	-1.4				
JCT	57.10 330	P	P	23 56 31.3	-1.8				
V48A	Smith Brothers	57.12 344	IAMB	IAMB	23 57 23.3				
V48A	comp=Z,4um,1.4s		IAMS_20	IAMS_20	00 22 05.5				
X43A	Marvell	57.13 340	P	P	23 56 32.1	-0.9			
Tazewell	57.15 348	IAMS_20	IAMS_20	00 22 32.3					
TZTN	Tazewell	57.15 348	P	P	23 56 31.0	-2.1			
S61A	Accomac	57.18 355	IAMS_20	IAMS_20	00 21 17.1				
S61A	comp=Z,1183um,22.0s								
T55A	Pulaski	57.21 350	P	P	23 56 31.7	-2.0			
BLA	Blacksburg	57.25 351	IAMS_20	IAMS_20	00 23 32.9				
BLA	Blacksburg	57.25 351	P	P	23 56 32.3	-1.6			
S60A	Water	57.28 354	P	P	23 56 32.0	-2.1			
T54A	Tazewell	57.29 350	P	P	23 56 32.2	-2.1			
CLTN	Cedars of Lebanon	57.33 345	IAMB	IAMB	23 57 24.7				
CLTN	comp=Z,2um,1.1s		IAMS_20	IAMS_20	00 22 34.9				
WHTX	Lake Whitney	57.33 333	P	P	23 56 33.0	-1.6			
S58A	Poland Farm, P	57.33 353	IAMB	IAMB	23 57 11.4				
S58A	Poland Farm, P	57.33 353	P	P	23 56 32.6	-1.8			
T53A	Wise	57.38 349	P	P	23 56 32.5	-2.4			
S59A	Mechanicsville	57.40 354	P	P	23 56 32.8	-2.1			
Z38A	Mt. Pleasant	57.44 336	IAMB	IAMB	23 57 35.8				
T52A	Hallie	57.58 348	IAMS_20	IAMS_20	00 21 37.9				
T52A	Hallie	57.58 348	P	P	23 56 34.1	-2.1			
S56A	Natural Bridge	57.59 352	P	P	23 56 35.3	-1.0			
S57A	Dark Hollow, R	57.59 352	IAMS_20	IAMS_20	00 23 28.8				
S57A	Dark Hollow, R	57.59 352	P	P	23 56 35.2	-1.1			
U49A	Red Boiling Sp	57.60 346	IAMB	IAMB	23 57 40.6				
U15A	Gray	57.63 348	P	P	23 56 34.9	-1.7			
R58B	Mineral	57.66 353	IAMS_20	IAMS_20	00 25 09.9				
R58B	Mineral	57.66 353	P	P	23 56 35.6	-1.2			
WVT	Waverly	57.74 344	P	P	23 56 35.2	-2.2			
WVT	comp=Z,1um,0.8s		pmax	pmax					
WVT	Waverly	57.74 344	MLR	MLR					
WVT	Waverly	57.74 344	P	P	23 56 35.2	-2.2			
WVT	Waverly	57.74 344	IAMB	IAMB	23 57 26.1				
WVT	Waverly	57.74 344	P	P	23 56 35.0	-2.4			
SACV	Santiago Islan	57.75 57	P	P	23 56 36.7	-1.2			
SACV	Santiago Islan	57.75 57	IAMB	IAMB	23 57 01.3				
SACV	Santiago Islan	57.75 57	IAMS_20	IAMS_20	00 19 44.5				
X40A	Basin Creek Fa	57.75 338	P	P	23 56 35.2	-2.2			
R61A	Willards	57.80 356	P	P	23 56 36.0	-1.7			
S55A	Lewisburg	57.81 351	P	P	23 56 36.3	-1.6			
R59A	King George, V	57.82 354	P	P	23 56 36.5	-1.4			
R60A	Leonardtown, M	57.84 355	P	P	23 56 36.6	-1.4			
UALR	University of	57.85 339	IAMB	IAMB	23 57 56.8				
CBN	Corbin Frederi	57.85 354	IAMB	IAMB	23 57 23.2				
CBN	comp=Z,2um,1.1s		IAMS_20	IAMS_20	00 23 43.8				
CBN	Corbin Frederi	57.85 354	P	P	23 56 36.0	-2.1			
T50A	Nancy	57.87 347	P	P	23 56 36.3	-2.0			
S54A	Dingess, Beckl	57.96 350	IAMB	IAMB	23 57 39.7				
S54A	Dingess, Beckl	57.96 350	P	P	23 56 37.0	-1.9			
S53A	Williams	57.98 349	P	P	23 56 36.9	-2.3			
R58A	Rapidan	58.01 353	P	P	23 56 37.4	-1.8			
MIAR	Mount Ida	58.06 338	IAMB	IAMB	23 57 31.4				
MIAR	Mount Ida	58.06 338	P	P	23 56 37.4	-2.3			
R57A	Stanardsville	58.06 353	P	P	23 56 37.8	-1.8			
TXAR	Lajitas Array	58.09 326	P	P	23 56 38.9	-1.2			
TXAR	Lajitas Array	58.09 326	P	P	23 56 38.4	-1.7			
T49A	Edmonton	58.11 346	P	P	23 56 37.9	-2.0			
S52A	Salyersville	58.16 349	P	P	23 56 38.3	-1.9			
LNXT	Lenox	58.18 342	IAMS_20	IAMS_20	00 23 47.6				
W41B	Gary Mavity, V	58.18 339	P	P	23 56 38.3	-2.2			
S51A	Beattyville	58.21 348	IAMS_20	IAMS_20	00 21 12.6				
S51A	Beattyville	58.21 348	P	P	23 56 38.7	-1.9			
R55A	Marlinton	58.26 351	IAMS_20	IAMS_20	00 23 53.6				
R55A	Marlinton	58.26 351	P	P	23 56 39.4	-1.6			
R56A	Bull Pasture M	58.28 352	P	P	23 56 39.9	-1.3			
R54A	Victor	58.29 351	P	P	23 56 39.4	-1.8			
PEBM	Pemiscott Bayo	58.30 342	IAMS_20	IAMS_20	00 24 01.8				
WHAR	Woolly Hollow	58.30 339	IAMS_20	IAMS_20	00 25 11.8				
Q61A	Milford	58.34 356	P	P	23 56 39.5	-2.0			
T47A	Sharon Grove	58.37 345	IAMS_20	IAMS_20	00 23 16.7				
S50A	Richmond	58.41 347	P	P	23 56 39.8	-2.2			
Q59A	Harwood	58.43 355	P	P	23 56 39.8	-2.4			
Q60A	Greensboro	58.50 355	P	P	23 56 41.5	-1.1			
PVMO	Portageville	58.53 342	IAMS_20	IAMS_20	00 24 09.0				
PENMO	Penman	58.54 342	IAMS_20	IAMS_20	00 24 09.3				
R53A	Hurricane	58.59 350	IAMB	IAMB	23 57 29.0				
R53A	Hurricane	58.59 350	P	P	23 56 41.7	-1.6			
Q58A	Fox Den Farm,	58.61 354	P	P	23 56 41.3	-2.1			
LCAR	Lake Charles	58.65 341	P	P	23 56 42.3	-1.4			
S49A	Springfield	58.71 347	P	P	23 56 42.1	-2.0			
R52A	Cattlettsburg	58.71 349	P	P	23 56 42.1	-2.1			
W39A	Magazine	58.72 338	P	P	23 56 41.4	-2.9			

Q57A	Strasburg	58.78 353	P	P	23 56 43.1	-1.5			
ABTX	Abilene, Hawle	58.83 332	P	P	23 56 42.5	-2.6			
R51A	Hill	58.85 348	P	P	23 56 42.9	-2.2			
Q56A	Snyder Ridge,	58.88 352	P	P	23 56 43.4	-1.9			
Q55A	Buckhannon	58.95 352	P	P	23 56 43.9	-1.9			
R50A	Paris	58.98 348	IAMS_20	IAMS_20	00 22 57.9				
R50A	Paris	58.98 348	P	P	23 56 43.4	-2.6			
Q53A	Leroy	59.03 350	P	P	23 56 43.9	-2.5			
Q54A	Coxs Mills	59.05 351	IAMB	IAMB	23 58 00.0				
Q54A	Coxs Mills	59.05 351	IAMS_20	IAMS_20	00 24 29.6				
Q54A	Coxs Mills	59.05 351	P	P	23 56 44.3	-2.2			
PBMO	Poplar Bluff	59.08 342	IAMB	IAMB	23 57 29.1				
P61A	Hammonton	59.10 356	P	P	23 56 45.2	-1.5			
P58A	Pank, Wackers	59.11 354	P	P	23 56 45.1	-1.8			
P59A	Jarrettsville	59.16 355	P	P	23 56 45.4	-1.8			
R49A	Shelbysville	59.17 347	P	P	23 56 45.2	-2.1			
P57A	Homestead Farm	59.18 353	IAMS_20	IAMS_20	00 26 15.4				
P57A	Homestead Farm	59.18 353	P	P	23 56 45.5	-1.8			
Q52A	Bladwell	59.26 350	P	P	23 56 45.7	-2.2			
P60A	Greenville	59.29 356	IAMB	IAMB	23 57 57.1				
P60A	Greenville	59.29 356	P	P	23 56 46.7	-1.4			
P56A	Dayton Farm, R	59.29 353	P	P	23 56 45.7	-2.4			
WCI	Wyandotte Cave	59.36 346	P	P	23 56 45.9	-2.7			
WCI	Wyandotte Cave	59.36 346	pmax	pmax					
WCI	Wyandotte Cave	59.36 346	MLR	MLR					
WCI	Wyandotte Cave	59.36 346	IAMB	IAMB	23 57 57.9				
WCI	Wyandotte Cave	59.36 346	P	P	23 56 46.3	-2.3			
PSUB	Penn St - Bra	59.40 356	IAMB	IAMB	23 57 33.6				
P55A	Reedsville	59.42 352	P	P	23 56 47.2	-1.9			
Q50A	Georgetown	59.45 348	P	P	23 56 46.4	-2.8			
U40A	Yellville	59.45 339	IAMS_20	IAMS_20	00 24 46.4				
U40A	Yellville	59.45 339	P	P	23 56 46.2	-3.1			
O61A	Allentown	59.51 357	P	P	23 56 47.7	-1.9			
Q51A	Peebles	59.51 349	IAMB	IAMB	23 58 01.7				
Q51A	Peebles	59.51 349	IAMS_20	IAMS_20	00 24 02.8				
Q51A	Peebles	59.51 349	P	P	23 56 47.8	-1.9			
T42A	Van Buren	59.51 341	IAMB	IAMB	23 58 09.1				
MVL	Millersville	59.53 355	IAMB	IAMB	23 58 05.1				
MCWV	Mont Chateau	59.57 352	IAMB	IAMB	23 57 59.7				
MCWV	Mont Chateau	59.57 352	P	P	23 56 47.9	-2.1			
P54A	Burton	59.60 351	P	P	23 56 48.5	-1.8			
SIUC	Southern Illin	59.61 343	P	P	23 56 48.7	-1.6			
P53A	Whipple	59.63 351	P	P	23 56 48.0	-2.5			
O58A	Lewisberry	59.71 355	P	P	23 56 48.9	-2.1			
HHAR	Hobbs	59.76 338	IAMB	IAMB	23 57 55.3				
O60A	Telford	59.78 356	P	P	23 56 50.0	-1.4			
PAGS	Pennsylvania G	59.79 355	IAMB	IAMB	23 57 55.3				
PAGS	Pennsylvania G	59.79 355	IAMS_20	IAMS_20	00 23 10.2				
Q49A	Aurora	59.80 347	P	P	23 56 49.4	-2.2			
O59A	Robesonia	59.83 355	P	P	23 56 50.7	-1.2			
O57A	Amerson	59.86 354	P	P	23 56 51.2	-0.8			
P52A	Corning	59.89 350	P	P	23 56 49.8	-2.5			
Q48A	North Vernon	59.90 347	P	P	23 56 50.0	-2.3			
P51A	Williamsport	59.90 349	IAMS_20	IAMS_20	00 24 15.1				
P51A	Williamsport	59.90 349	P	P	23 56 49.4	-3.0			
O56A	Blue Knob Stat	60.02 353	IAMS_20	IAMS_20	00 26 41.0				
O56A	Blue Knob Stat	60.02 353	P	P	23 56 50.7	-2.5			
O55A	Ligonier	60.04 352	P	P	23 56 51.2	-2.1			
U38A	Gravette	60.05 338	IAMB	IAMB	23 58 00.6				
TUL1	Leonard	60.09 337	P	P	23 56 52.2	-1.5			
TUL1	Leonard	60.09 337	P	P	23 56 51.4	-2.3			
BRNJ	Basking Ridge	60.09 357	IAMB	IAMB	23 57 38.6				
BRNJ	Basking Ridge	60.09 357	IAMS_20	IAMS_20	00 23 53.3				
N61A	South Mountain	60.15 357	P	P	23 56 51.4	-2.6			
O54A	Aveila	60.16 352	IAMB	IAMB	23 57 54.1				
O54A	Aveila	60.16 352	P	P	23 56 51.7	-2.4			
P50A									

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, 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.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, 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.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, 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.

F51A	Arnst	65.76	353	P	P	23 57 29.2	-2.0
G45A	Suttons Bay	65.76	348	Iamb	Iamb	23 58 47.4	
G45A	Suttons Bay	65.76	348	P	P	23 57 30.4	-0.9
E63A	Oxbow	65.76	2	Iamb	Iamb	23 58 08.0	
E63A	Oxbow	65.76	2	P	P	23 57 31.4	+0.2
I40A	Norwalk	65.76	344	IAMS_20	IAMS_20	00 30 49.4	
E64A	Bridgewater	65.78	2	P	P	23 57 30.0	-1.3
E57A	Chemin Saint G	65.79	357	P	P	23 57 30.6	-0.8
E59A	St. Maurice	65.80	359	P	P	23 57 31.9	+0.5
W18A	Petrified Fore	65.81	326	Iamb	Iamb	23 58 21.5	
W18A	Petrified Fore	65.81	326	P	P	23 57 31.5	-0.5
BGNE	Belgrade	65.81	338	IAMS_20	IAMS_20	00 29 47.6	
BGNE	Belgrade	65.81	338	P	P	23 57 30.4	-1.3
F49A	Sandfield	65.87	351	P	P	23 57 31.0	-0.9
G46A	Potosky	65.88	349	P	P	23 57 30.7	-1.4
E55A	Montclair	65.93	356	P	P	23 57 31.8	-0.5
E56A	St. Veronique	65.96	357	P	P	23 57 33.2	+0.7
E52A	Mattawa	65.98	354	P	P	23 57 32.7	+0.1
E53A	Dumoine, Ponti	65.98	355	P	P	23 57 32.4	-0.2
E54A	Lac Daplat, Po	66.00	355	P	P	23 57 31.2	-1.5
F48A	Evansville	66.01	351	P	P	23 57 31.3	-1.6
PQI	Presque Isle	66.02	2	Iamb	Iamb	23 58 22.8	
PQI	Presque Isle	66.02	2	P	P	23 57 34.2	-1.1
X16A	Lo Mia Camp, P	66.21	324	IAMS_20	IAMS_20	00 24 36.5	
D60A	Saint Jean D'O	66.22	360	P	P	23 57 33.7	-0.4
E51A	G1948 Merrick	66.31	353	P	P	23 57 33.7	-1.0
D59A	Saint-Raymond	66.32	359	P	P	23 57 34.9	+0.1
I13A	Mohawk Valley	66.34	321	Iamb	Iamb	23 58 27.6	
F45A	CMU Biological	66.35	349	P	P	23 57 33.2	-1.8
S22A	4UR Ranch, Cre	66.37	329	P	P	23 57 34.7	-1.1
D57A	Chemin Vers le	66.38	358	P	P	23 57 34.4	-0.8
D63A	Stockholm	66.39	2	P	P	23 57 35.1	-0.1
D62A	Allapoint, All	66.41	1	P	P	23 57 34.2	-1.1
D62A	Allapoint, All	66.41	1	P	P	23 57 35.5	+0.1
D58A	Chemin du Lac G	66.43	358	P	P	23 57 34.1	-1.4
D56A	ZEC Mazanza	66.45	357	P	P	23 57 34.7	-1.0
D55A	Sainte-Anne-du	66.46	357	P	P	23 57 33.7	-2.0
D61A	St Aubert, Com	66.51	0	P	P	23 57 35.0	-1.0
Q24A	Divide	66.57	331	P	P	23 57 35.0	-2.0
E48A	Lockeey	66.59	351	P	P	23 57 35.0	-1.6
I37A	Lemond, Waseca	66.63	342	Iamb	Iamb	23 58 31.2	
D54A	Lac Fusel, L	66.67	356	P	P	23 57 35.0	-2.0
D53A	Lac Vachic, Po	66.68	355	Iamb	Iamb	23 58 31.2	
D53A	Lac Vachic, Po	66.68	355	P	P	23 57 36.1	-1.0
LATQ	La Tuque	66.71	359	P	P	23 57 37.4	+0.2
BATG	Bathurst New B	66.72	4	Iamb	Iamb	23 58 40.7	
E47A	Iron Bridge	66.73	351	P	P	23 57 36.2	-1.2
Y14A	Wickenburg	66.74	323	Iamb	Iamb	23 58 30.1	
MVCO	Mesa Verde	66.77	328	Iamb	Iamb	23 58 47.4	
MVCO	Mesa Verde	66.77	328	P	P	23 57 36.3	-1.9
E46A	Sault Ste Mari	66.80	350	Iamb	Iamb	23 58 26.6	
D51A	Lot 18 Range I	66.85	354	P	P	23 57 38.2	+0.1
OGNE	Ogallala	66.88	335	P	P	23 57 37.9	-0.8
OGNE	Ogallala	66.88	335	P	P	23 57 38.4	-0.3
F42A	Maple Grove Fa	66.95	347	Iamb	Iamb	23 58 28.2	
G40A	Rib Lake	66.95	345	Iamb	Iamb	23 58 28.6	
D50A	G1974 Best Tow	66.97	353	P	P	23 57 38.1	-0.8
WUAZ	Wupatki	66.99	325	Iamb	Iamb	23 58 29.4	
WUAZ	Wupatki	66.99	325	P	P	23 57 38.9	-0.6
GLA	Glamis	67.17	321	P	P	23 57 40.2	-0.4
D48A	Paudash Townsh	67.22	352	P	P	23 57 39.7	-0.9
D49A	Beulah Townshi	67.26	352	P	P	23 57 39.8	-1.0
D46A	Sault St. Mari	67.27	350	P	P	23 57 38.8	-2.1
D47A	Chapleau	67.29	351	P	P	23 57 39.5	-1.5
E43A	Lone Tree Farm	67.30	348	IAMS_20	IAMS_20	00 29 44.0	
E44A	Grand Marais A	67.33	349	IAMS_20	IAMS_20	00 29 40.8	
E44A	Grand Marais A	67.33	349	P	P	23 57 39.4	-1.8
ECSD	EROS Data Cent	67.35	340	Iamb	Iamb	23 58 29.0	
ECSD	EROS Data Cent	67.35	340	IAMS_20	IAMS_20	00 29 27.3	
ECSD	EROS Data Cent	67.35	340	P	P	23 57 39.8	-1.7
ISCO	Idaho Springs	67.46	332	Iamb	Iamb	23 58 31.6	
ISCO	Idaho Springs	67.46	332	P	P	23 57 42.8	+0.2
Y12C	Blythe	67.49	321	P	P	23 57 42.1	-0.5
PV01	Paradox Valley	67.53	328	Iamb	Iamb	23 58 31.6	
PV01	Paradox Valley	67.53	328	IAMS_20	IAMS_20	00 32 39.3	
SPMN	Marine on St.	67.58	343	Iamb	Iamb	23 58 32.0	
SPMN	Marine on St.	67.58	343	P	P	23 57 41.2	-1.7
SMCO	Snowmass	67.58	330	IAMS_20	IAMS_20	00 29 26.7	
PV15	Paradox Valley	67.64	329	IAMS_20	IAMS_20	00 30 17.4	
PDMCI	Parker Dam, Lak	67.66	322	P	P	23 57 43.5	-0.1
PV13	Radium Mtn., P	67.67	328	IAMS_20	IAMS_20	00 26 18.2	

IKP	In-Ko-Pah, Jac	67.67	320	P	P	23 57 42.0	-1.8
VLDD	Val d'Or	67.68	355	Iamb	Iamb	23 58 37.9	
SW5A	Sam W. Stewart	67.69	320	P	P	23 57 44.2	+0.4
TAOE	Nuku Hiva Isla	67.70	268	eP	P	23 57 48.8	+4.3
TAOE	Nuku Hiva Isla	67.70	268	eLR	LR	00 18 10.2	
TAOE	Nuku Hiva Isla	67.70	268	eT	T	01 11 14.7	
TAOE	Nuku Hiva Isla	67.70	268	IAMS_20	IAMS_20	00 19 53.1	
PV05	Paradox Valley	67.75	328	IAMS_20	IAMS_20	00 26 18.9	
PV03	Paradox Valley	67.76	328	IAMS_20	IAMS_20	00 26 20.4	
PV18	Skein Mesa, Pa	67.78	328	IAMS_20	IAMS_20	00 26 21.1	
PV12	Saucer Basin	67.78	328	IAMS_20	IAMS_20	00 32 47.1	
PV07	Paradox Valley	67.80	329	Iamb	Iamb	23 58 34.1	
PV07	Paradox Valley	67.80	329	IAMS_20	IAMS_20	00 32 56.4	
PV11	David Mesa, Pa	67.80	328	IAMS_20	IAMS_20	00 26 32.7	
PV17	East Wray Mesa	67.83	328	IAMS_20	IAMS_20	00 26 22.4	
PV16	Nyswonger Mesa	67.83	328	IAMS_20	IAMS_20	00 26 22.5	
PV20	West Nyswonger	67.88	328	IAMS_20	IAMS_20	00 26 24.9	
PV14	Lion Creek, Pa	67.94	328	IAMS_20	IAMS_20	00 26 26.1	
PV10	Paradox Valley	67.95	328	IAMS_20	IAMS_20	00 26 23.6	
PV22	Blue Mesa, Pa	67.95	329	Iamb	Iamb	23 58 34.9	
BC3	Big Chuckawall	67.97	321	P	P	23 57 46.3	+0.6
PV23	Carpenier Ridg	67.99	328	IAMS_20	IAMS_20	00 26 27.6	
MONP2	Monument Peak	68.03	320	P	P	23 57 45.4	-0.8
BAR	Barrett	68.04	319	Iamb	Iamb	23 58 38.5	
PV21	Cone Mtn., Par	68.06	328	Iamb	Iamb	23 58 35.6	
PV21	Cone Mtn., Par	68.06	328	IAMS_20	IAMS_20	00 26 40.5	
W13A	Hualapai Mount	68.08	323	Iamb	Iamb	23 58 41.4	
IRM	Iron Mountain	68.14	321	P	P	23 57 46.5	-0.2
U15A	North Rim	68.16	325	Iamb	Iamb	23 58 37.2	
NEE2	Needles Arrior	68.26	322	P	P	23 57 46.6	-0.8
I09C	Camp Elliot, M	68.44	319	P	P	23 57 47.9	-0.7
N23A	Red Feather L	68.50	332	P	P	23 57 48.4	-0.7
BELC	Belle Mtn, Jos	68.53	321	P	P	23 57 48.3	-1.1
E38A	The Farm, Brul	68.54	345	Iamb	Iamb	23 58 40.6	
XPFO	Pion Flat	68.54	320	IAMS_20	IAMS_20	00 23 48.3	-1.0
XPFO	Pion Flat	68.54	320	IAMS_20	IAMS_20	00 23 15.4	
PFO	Pinyon Flats O	68.54	320	P	P	23 57 48.3	-1.1
PFO	Pinyon Flats O	68.54	320	P	P	23 57 48.3	-1.1
PFO	Pinyon Flats O	68.54	320	P	P	23 57 48.3	-1.1
PFO	Pinyon Flats O	68.54	320	P	P	23 57 48.5	-0.8
PHWV	Pilot Hill	68.61	333	Iamb	Iamb	23 58 38.6	
SUSD	Miller	68.76	339	Iamb	Iamb	23 58 37.8	
SUSD	Miller	68.76	339	IAMS_20	IAMS_20	00 30 37.6	
SUSD	Miller	68.76	339	P	P	23 57 49.0	-1.3
GMRC	Granite Mounta	68.88	321	P	P	23 57 52.0	+0.6
O20A	White River Ci	68.94	330	Iamb	Iamb	23 58 56.6	
O20A	White River Ci	68.94	330	P	P	23 57 52.0	+0.3
MURC	Murietta	68.98	320	P	P	23 57 51.8	-0.2
NVL	N'lazarevskaya	69.20	159	eP	P	23 57 51.9	-0.9
NVL	N'lazarevskaya	69.20	159	eS	S	00 00 25.8	
NVL	N'lazarevskaya	69.20	159	ePmax	Pmax	00 07 02.1	+4.4
NVL	N'lazarevskaya	69.20	159	MLR	MLR		
BBRO	Big Bear Solar	69.27	320	P	P	23 57 53.8	-0.2
HEC	Hector,Ludlow	69.31	321	P	P	23 57 53.9	-0.2
MATQ	Matagami	69.33	355	P	P	23 57 53.5	-0.2
H07S1	FLORES T-PHASE	69.36	32	eP	P	23 57 54.5	+0.2
SCI2	San Clemente I	69.40	318	P	P	23 57 54.1	-0.5
TUQ	Turquoise Moun	69.49	322	P	P	23 57 55.5	+0.3
DRLN	Deer Lake	69.58	9	Iamb	Iamb	23 58 57.8	
LIC	Lamto	69.58	75	eP	P	23 57 53.7	-2.4
H07N1	FLORES T-PHASE	69.66	32	eP	P	23 57 57.2	+1.2
BFSC	Mount Baldy Ra	69.70	320	P	P	23 57 56.7	+0.2
RWWV	Rawlins	69.70	332	Iamb	Iamb	23 58 45.5	
FMP	Fort Macarthur	69.73	319	P	P	23 57 57.8	+1.3
RRX	Edison Barstow	69.73	321	P	P	23 57 56.2	-0.4
TIC	Toumoudi	69.76	75	eP	P	23 57 54.3	-2.9
EYMN	Ely	69.77	345	P	P	23 57 55.2	-1.4
KIC	Kisan Boka	69.90	75	eP	P	23 57 55.2	-2.9
GSC	Goldstone, Bar	69.92	321	Iamb	Iamb	23 58 50.3	
GSC	Goldstone, Bar	69.92	321	IAMS_20	IAMS_20	00 24 57.7	
GSC	Goldstone, Bar	69.92	321	P	P	23 57 57.8	0.0
DBIC	Dimbokro	69.92	75	P	P	23 57 55.7	-2.4
DBIC	Dimbokro	69.92	75	LR	LR	00 28 01.4	
DBIC	Dimbokro	69.92	75	P	P	23 57 56.4	-1.7
DBIC	Dimbokro	69.92	75	Pmax	Pmax		
DBIC	Dimbokro	69.92	75	Iamb	Iamb	23 57 56.4	-1.7
DBIC	Dimbokro	69.92	75	Iamb	Iamb	23 58 23.2	
I17C1	DIMBOKRO INFRA	69.92	75	P	P	23 58 02.1	+3.9
PASC	Pasadena Art C	69.97	319	Iamb	Iamb	23 58 50.5	
SHOC	Shoshone, Teco	70.02	322	P	P	23 57 58.2	-0.2
PCAN	Candelaria	70.09	34	eP	P	23 57 57.9	-0.8
PCED	Cedros	70.10	34	eP	P	23 57 57.4	-1.3
DECC	Green Verdugo	70.12	319	P	P	23 57 58.7	-0.3
PICO	Pico	70.15	34	eP	P	23 57 58.5	-0.6
K22A	Casper	70.17	333	Iamb	Iamb	23 59 08.1	
K22A	Casper	70.17	333	P	P	23 57 59.1	-0.2

SNCC	San Nicolas Is	70.19	318	P	P	23 57 60.0	+0.6
EDW2	Edwards Air Fo	70.34	320	P	P	23 58 00.4	+0.1

LAO	baz=142,SNR=135	73.34	335	P	P	23 58 17.1	-1.1
LAO	LASA Array			Iamb	Iamb	23 59 22.2	
LAO	comp=Z,2um,1.4s	73.34	335	P	P	23 58 17.6	-0.6
LAO	LASA Array			Iamb	Iamb	23 59 33.9	
H17A	Grant Village	73.35	331	Iamb	Iamb	23 58 17.5	-1.0
H17A	comp=Z,3um,2.0s	73.35	331	P	P	23 58 17.5	-1.0
H17A	Grant Village			Iamb	Iamb	00 30 13.3	
WAKR	Walker	73.64	322	IAMS_20	IAMS_20	00 30 13.3	
WAKR	comp=Z,698um,21.0s	73.64	322	IAMS_20	IAMS_20	00 30 13.3	
YNR	Norris Junction	73.64	332	P	P	23 58 18.4	-1.9
SAO	San Andreas Ge	73.68	320	P	P	23 58 18.9	-1.4
SAO	comp=Z,1um,1.4s			pmax	pmax		
SAO	San Andreas Ge	73.68	320	P	P	23 58 18.9	-1.4
TVO	Taravao	73.68	257	eP	P	23 58 25.1	+4.3
TVO	comp=Z,383nm,1.4s						
TVO	Taravao	73.68	257	eT	T	01 18 47.1	
TVO	comp=Z,14nm,0.2s						
PMPST	Porto Santo, M	73.81	45	eP	P	23 58 26.3	+5.2
PMPST	comp=Z,6um,1.5s						
TIAR	Tiarei	73.83	257	eP	P	23 58 26.1	+4.4
TIAR	comp=Z,94nm,1.0s						
TIAR	Tiarei	73.83	257	eT	T	01 18 58.2	
TIAR	comp=Z,44nm,0.2s						
YERR	Yerington	73.85	323	Iamb	Iamb	23 59 06.2	
YERR	comp=Z,2um,1.3s			IAMS_20	IAMS_20	00 27 05.9	
YERR	comp=Z,721um,22.0s	73.97	331	P	P	23 58 21.7	-0.5
YHHL	Hebgen Lake	73.97	331	P	P	23 58 21.7	-0.5
PAE	Paea	74.02	257	eP	P	23 58 27.0	+4.3
PAE	comp=Z,221nm,1.2s						
PAE	Paea	74.02	257	eT	T	01 19 12.2	
PAE	comp=Z,3.8nm,0.2s						
PPTF	Pamatal, Papee	74.02	257	IAMS_20	IAMS_20	00 23 05.3	
PPTF	comp=Z,722um,21.0s						
PPT2	Papeete2	74.03	257	eP	P	23 58 27.5	+4.6
PPT2	comp=Z,997nm,1.4s			eS	S	00 07 54.2	-1.1
PPT2	comp=Z,698um,28.2s						
PPT2	Papeete2	74.03	257	eLR	LR	00 21 05.9	
PPT2	comp=Z,3327um,25.0s,ba						
PPT2	Papeete2	74.03	257	eT	T	01 19 12.4	
PPT2	comp=Z,10nm,0.2s						
PPT	Papeete	74.04	257	LR	LR	00 23 27.2	
PPT	comp=Z,662um,21.0s						
DGMT	Dagmar	74.06	338	Iamb	Iamb	23 59 17.4	
DGMT	comp=Z,2um,1.0s						
DGMT	Dagmar	74.06	338	P	P	23 58 21.9	-0.4
DGMT	baz=147,SNR=49						
PNTR	Pine Nut	74.13	322	IAMS_20	IAMS_20	00 28 00.2	
PNTR	comp=Z,913um,22.0s						
SCHO	Schefferville	74.23	2	P	P	23 58 20.9	-2.1
SCHO	comp=Z,20nm,0.8s,ba						
SCHO	comp=Z,426um,18.8s,ba						
SCHO	Schefferville	74.23	2	P	P	23 58 21.5	-1.5
SCHO	comp=Z,1um,1.0s			Iamb	Iamb	23 59 06.2	
VCNR	Virginia City	74.30	323	IAMS_20	IAMS_20	00 28 06.6	
PAHR	Pat Rih Range	74.42	323	Iamb	Iamb	23 59 30.4	
PAHR	comp=Z,1um,1.0s						
RUBR	Rubicon Trail	74.42	322	IAMS_20	IAMS_20	00 30 38.0	
RUBR	comp=Z,773um,20.0s						
BEKR	Beckwith	75.08	323	IAMS_20	IAMS_20	00 28 32.5	
BEKR	comp=Z,736um,22.0s						
MFID	Camas Ranch	75.12	328	Iamb	Iamb	23 59 13.3	
MFID	comp=Z,3um,1.4s						
MFID	comp=Z,941um,21.0s			IAMS_20	IAMS_20	00 33 50.3	
LRM	Limekiln Ridge	75.29	331	P	P	23 58 28.7	-1.1
ORV	Oroville	75.54	322	Iamb	Iamb	23 59 37.3	
ORV	comp=Z,3um,1.5s						
EGMT	Eagleton	75.84	334	IAMS_20	IAMS_20	00 34 34.3	
EGMT	comp=Z,41um,21.0s						
EGMT	Eagleton	75.84	334	P	P	23 58 31.4	-1.2
EGMT	comp=Z,142,SNR=53						
WVOR	Wild Horse Val	75.88	326	IAMS_20	IAMS_20	00 31 02.5	
WVOR	comp=Z,91um,20.0s						
O03E	Paynes Creek	76.20	322	P	P	23 58 34.0	-0.8
O03E	baz=131,SNR=35						
MOD	Modoc Plateau	76.42	324	Iamb	Iamb	23 59 20.4	
MOD	comp=Z,2um,1.4s			IAMS_20	IAMS_20	00 32 20.8	
MOD	comp=Z,784um,22.0s						
J08A	Circle Bar Ran	76.44	326	IAMS_20	IAMS_20	00 31 36.2	
J08A	comp=Z,926um,20.0s						
O02D	Mt. Diablo Me	76.69	322	P	P	23 58 37.5	-0.2
O02D	baz=130,SNR=6.5						
M50	Missoula	76.73	331	IAMS_20	IAMS_20	00 34 30.8	
M50	comp=Z,760um,22.0s						
M50	Missoula	76.73	331	P	P	23 58 37.3	-0.5
M50	baz=139,SNR=86						
KCPM	Cahto Peak	77.65	321	IAMS_20	IAMS_20	00 30 01.3	
KCPM	comp=Z,634um,22.0s						
BMO	Blue Mountains	76.89	328	P	P	23 58 37.3	-1.4
BMO	comp=Z,984nm,1.1s			pmax	pmax		
BMO	Blue Mountains	76.89	328	P	P	23 58 37.3	-1.4
BMO	comp=Z,803um,22.0s			IAMS_20	IAMS_20	00 35 05.2	
N02D	Trinity Center	77.16	322	P	P	23 58 39.2	-1.1
N02D	comp=Z,803um,22.0s						
M04C	Macdoel	77.20	323	P	P	23 58 40.4	-0.2
M04C	baz=131,SNR=13						
KMRM	Mali Ridge	77.26	321	IAMS_20	IAMS_20	00 32 12.9	
KMRM	comp=Z,746um,22.0s						
I55U	WINDLESS BIGH	77.27	193	P	P	23 58 51.7	+1.1
I55U	baz=89,SNR=9.2,SNR=5						
M02C	Callahan	77.52	321	P	P	23 58 41.4	-0.9
M02C	baz=131,SNR=10						
JTMT	Jette	77.57	332	IAMS_20	IAMS_20	00 33 23.1	
JTMT	comp=Z,697um,22.0s						
F10A	Beach Ranch, E	77.65	329	IAMS_20	IAMS_20	00 35 19.3	
F10A	comp=Z,593um,20.0s						
YBH	Yreka Blue Hor	77.66	323	IAMS_20	IAMS_20	00 32 23.6	
YBH	comp=Z,771um,22.0s						
KHMM	House Mountain	77.69	322	P	P	23 58 41.6	-1.7
KHMM	comp=Z,641um,22.0s						
K04D	Chiloquin, OR	77.70	324	P	P	23 58 43.1	-0.2
K04D	baz=132,SNR=8.9						
L04D	Klamath Falls	77.74	323	P	P	23 58 43.6	0.0
L04D	baz=131,SNR=9.7						
J05D	Fort Rock, OR	77.86	325	P	P	23 58 44.9	+0.7
J05D	baz=132,SNR=45						
G08A	Pilot Rock	78.03	327	IAMS_20	IAMS_20	00 35 29.4	
G08A	comp=Z,771um,20.0s						
PINE	Pine Mountain	78.04	325	Iamb	Iamb	23 59 55.7	
PINE	comp=Z,2um,1.4s			IAMS_20	IAMS_20	00 33 43.7	
J04E	Umpqua Nations	78.31	324	P	P	23 58 47.1	+0.3
J04E	baz=131,SNR=31						
VNDA	Vanda	78.38	190	P	P	23 58 49.8	+3.3
VNDA	comp=Z,15nm,0.7s,ba						
VNDA	Vanda	78.38	190	P	P	23 58 46.1	-0.4
VNDA	comp=Z,3um,1.7s			Iamb	Iamb	23 59 29.2	
VNDA	comp=Z,3um,1.7s						
WALA	Wateron Lakes	78.39	333	IAMS_20	IAMS_20	00 32 38.9	
WALA	comp=Z,746um,22.0s						
L02E	Cave Junction	78.44	323	P	P	23 58 46.9	-0.4
L02E	baz=130,SNR=8.9						
E09A	Wood Farm, Sta	78.49	329	IAMS_20	IAMS_20	00 35 44.4	
E09A	comp=Z,628um,20.0s						
I05D	Terrebonne, OR	78.62	326	P	P	23 58 48.3	0.0
I05D	baz=132,SNR=38						
FFC	Flin Flin	78.70	342	P	P	23 58 47.1	-1.3
FFC	comp=Z,827nm,1.3s			pmax	pmax		
FFC	Flin Flin	78.70	342	P	P	23 58 47.1	-1.3
FFC	comp=Z,705um,20.0s						
K02D	Willamette Mer	78.82	323	P	P	23 58 50.2	+0.7
K02D	baz=130,SNR=14						
I04A	Tendick Farm	78.84	325	P	P	23 58 49.4	-0.1
I04A	baz=131,SNR=15						
G06A	Carlson Farm,	78.86	327	Iamb	Iamb	23 59 34.2	
G06A	comp=Z,3um,1.9s						

G06A	comp=Z,896um,20.0s			IAMS_20	IAMS_20	00 32 52.2	
SYO	Syowa Base	78.87	160j	eP	P	23 58 45.0	-4.3
SYO	Dider Farm, El	78.92	328	IAMS_20	IAMS_20	00 36 28.8	
F07A	Phinny Hill Vi	78.94	327	Iamb	Iamb	23 59 40.0	
F07A	comp=Z,4um,2.0s			IAMS_20	IAMS_20	00 32 35.5	
HAWA	Hanford	79.09	328	Iamb	Iamb	23 59 36.6	
HAWA	comp=Z,2um,1.4s						
G05D	Wamic, OR	79.21	326	P	P	23 58 52.4	+0.9
G05D	baz=132,SNR=30						
NEW	Newport	79.25	331	IAMS_20	IAMS_20	00 36 48.4	
NEW	comp=Z,564um,21.0s						
NEW	Newport	79.25	331	P	P	23 58 51.2	-0.5
J01E	Myrtle Point	79.27	323	P	P	23 58 51.4	-0.4
J01E	baz=136,SNR=44						
I03D	Drain, OR	79.29	324	P	P	23 58 51.8	0.0
I03D	baz=130,SNR=11						
H04A	Detroit Lake	79.30	325	IAMS_20	IAMS_20	00 32 11.0	
H04A	comp=Z,682um,22.0s						
H07A	Sunnyside	79.36	328	IAMS_20	IAMS_20	00 36 30.5	
H07A	comp=Z,874um,20.0s						
C09A	Chrisman Ranch	79.46	330	IAMS_20	IAMS_20	00 37 38.0	
C09A	comp=Z,676um,20.0s						
H04D	Lebanon	79.49	325	P	P	23 58 52.4	-0.6
H04D	baz=131,SNR=9.3						
F05D	White Salmon	79.72	327	P	P	23 58 54.5	+0.3
F05D	baz=132,SNR=13						
I02D	Swisscomb	79.83	324	P	P	23 58 54.8	0.0
I02D	baz=130,SNR=5.9						
C09A	Corvallis	79.84	325	IAMS_20	IAMS_20	00 33 51.3	
C09A	comp=Z,748um,22.0s						
AVE	Averroes	80.13	49j	eP	S	23 58 56.8	+0.1
AVE	comp=Z,682um,22.0s						
G03D	McMinnville, O	80.23	325	P	P	23 58 56.3	-0.6
G03D	baz=131,SNR=13						
LTY	Liberty	80.25	328	Iamb	Iamb	23 59 45.0	
LTY	comp=Z,5um,2.0s						
B08A	Collie Reser	80.36	330	IAMS_20	IAMS_20	00 34 00.8	
B08A	comp=Z,670um,21.0s						
F04D	Rainier, OR	80.66	326	P	P	23 58 58.7	-0.6
F04D	baz=131						
E04D	Cinebar	80.74	327	P	P	23 58 59.3	-0.4
E04D	baz=132,SNR=13						
C06D	Leavenworth	80.81	328	P	P	23 58 59.9	-0.1
C06D	baz=133						
F05A	Seaside	80.85	326	IAMS_20	IAMS_20	00 35 46.0	

TXAR	Lajitas Array	58.50 326	P	P	00 07 25.7	0.0
MIAR	Mount Ida	58.51 338	P	P	00 07 25.8	+0.2
Q56A	Snyder Ridge	59.34 352	P	P	00 07 31.7	+0.3
M55A	Ridgway	61.69 353	P	P	00 07 47.5	+0.2
M54A	Oil Creek Stat	61.83 352	P	P	00 07 48.1	-0.2
N45A	Columnus Grove	62.01 352	P	P	00 07 48.5	-0.6
L59A	Walton	62.09 356	P	P	00 07 50.3	+0.3
BNY	Binghamton	62.16 356	P	P	00 07 50.7	+0.2
WVNY	West Valley, N	62.60 353	P	P	00 07 53.2	-0.2
P38A	Dawn	63.10 340	P	PcP	00 08 31.3	-3.1
SNA4	Sanae	64.17 161	P	P	00 08 03.8	+0.2
comp=Z,31nm,1.1s,baz=259,slow=8.3,SNR=2.8						
SNA4	Sanae	64.17 161	P	P	00 08 03.9	+0.2
SNA4			Iamb	Iamb	00 08 04.5	
comp=Z,22nm,0.9s						
G62A	West of Eustis	64.99 0	P	P	00 08 09.1	0.0
SADO	Sadowa	64.99 353	P	P	00 08 08.2	-0.9
LMN	Caledonia Moun	65.84 5	P	P	00 08 13.8	-0.8
LMN			Iamb	Iamb	00 08 26.4	
comp=Z,8.0nm,0.8s						
W13A	Hualapai Mount	66.47 323	P	P	00 08 34.3	+2.5
PFO	Pinyon Flats O	66.92 320	P	P	00 08 36.3	+1.7
PFO			Iamb	Iamb	00 08 48.3	
comp=Z,8.1nm,1.0s						
SRU	San Rafael Swe	69.66 328	P	P	00 08 40.1	+1.0
CCUT	Cedar City	69.97 325	P	P	00 08 43.2	+2.2
ORL	Deer Creek	70.00 326	P	P	00 08 40.6	0.6
MSU	Marysville	70.05 320	P	P	00 08 42.8	+1.2
QSPA	South Pole Qui	70.10 180	P	P	00 08 42.5	+1.0
SHPR	Sheep Range	70.20 323	P	P	00 08 44.6	+2.1
SHPR			Iamb	Iamb	00 08 44.8	
comp=Z,5.4nm,0.8s						
TPNV	Topopah Spring	72.13 323	P	P	00 08 49.4	+1.3
ISA	Isabella, Lake	71.54 321	P	P	00 08 53.0	+2.5
HWUT	Hardware Ranch	72.08 329	P	P	00 08 54.3	+0.5
HWUT			Iamb	Iamb	00 09 00.8	
comp=Z,15nm,0.9s						
YNE	Yellowstone No	74.00 332	P	P	00 09 05.9	+0.7
PAHR	Pah Rah Range	74.81 323	P	P	00 09 10.9	+1.1
PAHR			Iamb	Iamb	00 09 12.2	
comp=Z,10nm,0.9s						
ORV	Vanda	75.92 322	P	P	00 09 17.6	+1.5
VNDA	Vanda	77.94 190	P	P	00 09 28.0	+1.1
SUR	Sutherland	80.78 121	P	P	00 09 43.5	0.0
comp=Z,19nm,0.9s,baz=138,slow=18,SNR=2.4						
SUR	Sutherland	80.78 121	P	P	00 09 44.0	+0.5
Tsumeb		82.10 108	P	P	00 09 50.0	-0.6
comp=Z,10nm,0.9s,baz=244,slow=6.3,SNR=6.2						
TSMU	Tsumeb	82.63 108	P	P	00 09 49.6	-1.0
BOSA	Bosho	85.10 119	P	P	00 10 08.5	0.0
BOSA			Iamb	Iamb	00 10 14.8	
comp=Z,5.8nm,0.8s						
TAM	Tamanrasset	85.73 64	P	P	00 10 08.8	-0.3
TAM			Iamb	Iamb	00 10 12.2	
comp=Z,2.1nm,1.0s						
LBTB	Lobatsse	87.17 115	P	P	00 10 16.4	+0.2
LBTB			Iamb	Iamb	00 10 16.7	
comp=Z,7.8nm,0.8s						
YKA	Yellowknife Ar	89.29 341	P	P	00 10 24.9	-0.2
comp=Z,19nm,1.0s,baz=135,slow=5.3,SNR=6.3						
YKA	Yellowknife Ar	89.29 341	P	P	00 10 24.9	-0.2
KSMZ	Kasama	97.45 104	P	Pdf	00 11 11.6	+6.6
CLL	Collin	101.62 40	P	PKIKP	00 15 11.0	-2.1
CLL	Collin	101.62 40	esPP		00 16 08.0	
WRA	Warramunga Arr	133.24 213	PKP	PKP	00 16 46.2	0.0
comp=Z,4.3nm,0.7s,baz=164,slow=1.6,SNR=1.7						
WRA	Warramunga Arr	133.24 213	PKP	PKP	00 16 46.2	0.0
ZALV	Zalesovo Beam	141.37 23	PKP	PKP	00 16 59.5	-0.5
comp=Z,7.6nm,0.6s,baz=328,slow=2.1,SNR=4.2						
ZALV	Zalesovo Beam	141.37 23	PKP	PKP	00 16 59.5	-0.5
MK31	Makanchi Array	145.45 33	PKP	PKP	00 17 07.7	-0.8
MKAR	Makanchi Array	145.45 33	PKP	PKP	00 17 07.2	-0.3
comp=Z,3.7nm,0.8s,baz=312,slow=4.2,SNR=1.7						
MKAR	Makanchi Array	145.45 33	PKP	PKP	00 17 07.2	-0.3
KLR	Kul'dur	145.80 333	PKP	PKP	00 17 08.8	0.0
comp=Z,13nm,0.7s,baz=256,slow=6.6,SNR=6.6						
KLR	Kul'dur	145.80 333	PKP	PKP	00 17 08.8	0.0
USRK	Ussuriysk Ar	149.39 327	PKP	PKP	00 17 17.2	-1.3
comp=Z,33nm,1.1s,baz=49,slow=0.8,SNR=5.0						
USRK	Ussuriysk Ar	149.39 327	PKP	PKP	00 17 17.2	-1.3
MJAR	Matsushiro Arr	149.85 309	PKP	PKP	00 17 20.0	+0.1
comp=Z,3.9nm,0.6s,baz=121,slow=1.5,SNR=6.3						
MJAR	Matsushiro Arr	149.85 309	PKP	PKP	00 17 20.0	+0.1
BHPL	Bhopal	150.28 78	PKP	PKP	00 17 31.1	+3.5
HYB	Hyderabad	150.83 90	PKP	PKP	00 17 32.2	+2.2
SOMM	Songino Array	152.22 4	PKP	PKP	00 17 25.2	-0.1
comp=Z,25,slow=2.2,SNR=5.8						
SOMM	Songino Array	152.22 4	PKP	PKP	00 17 25.2	-0.1
BOK	Bokaro	158.02 76	PKP	PKP	00 17 26.6	-0.5
LZH	Lanzhou	163.37 15	PKP	PKP	00 17 40.7	+8.0

PB12	IPOC Station P	1.49 26	Pn		23 58 17.9	-5.5
MNMC	Minye Minye	1.57 59	eP		23 58 27.1	+0.2
MNMC			eS		23 58 48.5	+1.2
MNMC	Minye Minye	1.57 59	eP		23 58 30.2	+5.2
AO1	Chacalluta	1.71 22	eS		23 58 21.8	-2.9
AP01	Chacalluta	1.71 22	eS		23 58 49.0	-2.5
AP01	Chacalluta	1.71 22	eS		23 58 34.8	+5.5
PB02	IPOC Station P	1.71 142	eP		23 58 29.1	-0.3
PB02			iS		23 58 21.7	+0.1
G001	IPOC Station P	1.71 142	eP		23 58 30.4	+0.4
PB02			eS		23 58 32.2	+1.5
G001	Chusmiza	1.74 81	eP		23 58 30.2	+0.2
G001			eS		23 58 53.4	+0.7
G001	Chusmiza	1.74 81	eP		23 58 33.3	+3.3
G001			eS		23 58 55.7	+3.1
PB08	IPOC Station P	1.76 96	eS		23 58 29.7	-0.7
PB08			iS		23 58 40.7	+0.7
PB08	IPOC Station P	1.76 96	eP		23 58 33.3	+2.9
PB08			iS		23 58 54.4	+1.1
PB01	IPOC Station P	1.79 127	eP		23 58 26.3	-1.2
PB01			eS		23 58 51.5	-0.5
PB01	IPOC Station P	1.79 127	eP		23 58 32.2	+1.3
PB01			eS		23 58 52.9	-1.4
PB07	IPOC Station P	2.05 149	eP		23 59 01.9	-0.6
PB07			iS		23 59 35.5	-0.4
PB07	IPOC Station P	2.05 149	eP		23 59 01.9	-0.6
PB07			iS		23 59 28.1	-3.1
PB16	IPOC Station P	2.16 42	iS		23 58 41.4	+3.2
PB16			eS		23 58 41.2	+3.2
PB16	IPOC Station P	2.16 42	eS		23 59 10.6	+4.6
PB16			iS		23 58 32.0	-1.0
PB03	IPOC Station P	2.39 151	eP		23 58 37.4	-2.3
PB03			iS		23 59 13.1	-2.0
PB09	IPOC Station P	2.47 138	eP		23 59 09.9	+0.6
PB09			eS		23 58 36.9	0.0
PB04	IPOC Station P	2.50 161	eP		23 58 42.3	+0.8
PB04			eS		23 59 11.7	-0.6
PB04	IPOC Station P	2.50 161	eP		23 58 39.0	+1.7
PB05	IPOC Station P	2.98 132	eP		23 58 32.7	+1.4
LVC	Limon Verde	3.29 144	Pn		23 58 48.3	-0.1
LVC			Pn		23 59 28.6	+0.9
comp=Z,1um,0.3s,baz=131,slow=20,SNR=2.7						
LVC			Lg		23 59 39.6	
LVC	Limon Verde	3.29 144	Pn		23 58 47.5	-0.8
LVC			Pb		23 58 55.0	-0.1
PB10	IPOC Station P	3.56 173	Pn		23 58 51.0	-0.8
LPAZ	La Paz	4.57 37	Pn		23 59 12.6	-4.6
LPAZ			LR		00 01 11.0	
comp=Z,1000um,18.2s,baz=270,slow=44						
LPAZ	La Paz	4.57 37	Pn		23 58 57.7	-8.6
LPAZ			Pn		23 58 57.8	-8.5
LPAZ	La Paz	4.57 37	eP		23 59 10.3	+4.1
PB14	IPOC Station P	4.68 173	Pn		23 59 04.5	-2.9
GO02	Minna Guanaco	5.34 166	Pn		23 59 17.5	+0.9
NNA	Nana	9.71 324	Pn		00 00 18.7	+2.4
comp=Z,6.0nm,0.3s,baz=127,slow=17,SNR=2.2						
NNA			Sn		00 02 00.1	-5.3
NNA			Sn		00 00 15.6	-0.7
NNA	Nana	9.71 324	Pn		00 00 15.6	-0.7
SIV	San Ignacio	10.25 69	Pn		00 00 27.5	+3.7
comp=Z,24nm,0.3s,baz=257,slow=10,SNR=4.4						
SIV			Sn		00 00 12.9	-5.9
comp=Z,10.0m,0.3s,baz=232,slow=19,SNR=0.8						
ROC1	El Roble	12.96 180	Pn		00 01 02.8	+1.8
SAM	Samuel	13.31 36	Pn		00 01 02.5	-3.1
SAM	Samuel	13.31 36	Pn		00 01 02.5	-3.1
SAM	Samuel	13.31 36	eP		00 01 10.2	-5.2
CPUP	Villa Florida	14.09 119	eP		00 01 16.2	0.0
AODB	Aquidauana	14.95 95	Pn		00 01 18.9	+1.7
G005	Huala	15.01 183	Pn		00 01 28.4	-0.3
SALV	Santo Antonio	15.13 77	eP		00 01 27.9	-2.5
C2SB	Chapadao do Su	17.20 89	eP		00 01 54.2	-2.8
CLSD	Colider	17.22 61	eP		00 01 57.1	-0.1
TRCB	Terra Rica	17.35 103	eP		00 01 56.9	-2.1
PCMB	Pacaba	18.55 98	eP		00 02 13.8	+3.3
ITAB	Concordia	18.75 116	eP		00 02 16.8	+0.6
ARAG	Araguaiana, MT	18.76 80	eP		00 02 13.9	-2.0
ARAG	Cacapava Do Su	18.86 127	eP		00 02 00.5	+1.7
ITRB	Iturama	19.44 93	eP		00 02 22.6	-0.7
PLTB	Pedras Altas	19.56 115	eP		00 02 25.1	+1.8
GO06	Cururrehue	19.56 181	Pn		00 02 25.5	-0.3
GO06			Iamb	Iamb	00 02 51.2	
comp=Z,3um,2.0s						
FRTB	Fartura	20.22 103	eP		00 02 32.2	+0.4
OGAU	Algu	20.34 138	eP		00 02 38.3	+3.3
CNLA	Canela	20.52 121	eP		00 02 37.9	+0.5
PLCA	Paso Flores	20.71 179	Pn		00 02 36.2	-0.8
PLCA	Paso Flores	20.71 179	Pn		00 02 36.2	-0.8
BB19B	Bedbedouro	21.09 97	eP		00 02 41.4	+0.1
PTGA	Pitinga	21.96 31	eP		00 02 57.3	+6.7
SPBA	Sao Paulo	22.19 104	eP		00 02 58.1	+1.1
VAO	Valhinhos	22.58 102	eP		00 02 58.4	+1.1
BSCB	Mon Sucesso	24.60 97	eP		00 03 20.1	+3.0
JANB	Januaria	25.92 83	eP		00 03 31.2	+2.1
JTS	Las Juntas de	33.05 334	Pn		00 04 35.5	+3.2
comp=Z,1.4nm,1.0s,baz=194,slow=19,SNR=1.7						
JTS	Las Juntas de	33.05 334	iP		00 04 32.6	+0.3
JTS			pmax	pmax		
comp=Z,32nm,0.9s						
GRGR	Grenville	33.20 17	Pn		00 04 31.1	-2.5
EFI	East Falkland	33.24 165	iP		00 04 37.1	+3.5
EFI			pmax	pmax		
comp=Z,1.41nm,1.0s						
EFI	East Falkland	33.24 165	Pn		00 04 34.7	+1.1
USHA	Ushuaia					

H58A	Gabriels	64.13	357	P	P	00 08 31.1 +0.3
ANMO	Albuquerque	64.15	328	i P	p max	00 08 32.2 +0.8
ANMO	Albuquerque	64.15	328	P	P	00 08 33.3 +1.9
I55A	Frankford	64.15	355	P	P	00 08 31.3 +0.4
J47A	Summer	64.16	349	P	P	00 08 31.0 0.0
H61A	Lyndonville	64.19	359	P	P	00 08 31.8 +0.6
H62A	Milan	64.22	360	P	P	00 08 31.3 -0.1
WVL	Waterville	64.22	1	I Amb	I Amb	00 08 54.9
H57A	Richville	64.23	357	P	P	00 08 32.9 +1.4
I52A	Shelburne	64.27	353	P	P	00 08 33.4 +1.6
H64A	Troy	64.31	1	P	P	00 08 32.2 +0.3
H63A	New Sharon	64.31	1	P	P	00 08 32.6 +0.6
H59A	Cadyville	64.34	358	P	P	00 08 32.6 +0.4
LONY	Lake Ozonia	64.35	357	P	I Amb	00 08 28.1 -4.2
LONY	Lake Ozonia	64.35	357	P	P	00 08 33.2 +0.9
CBKS	Cedar Bluff	64.37	335	P	P	00 08 32.0 -0.6
CBKS	Cedar Bluff	64.37	335	P	I Amb	00 08 31.9 -0.6
CBKS	Cedar Bluff	64.37	335	P	I Amb	00 09 00.6
CBKS	Cedar Bluff	64.37	335	P	P	00 08 33.8 +1.3
SNA	Sanae	64.37	161	P	P	00 08 33.5 +1.3
SNA	Sanae	64.37	161	P	P	00 08 32.6 +0.4
SNA	Sanae	64.37	161	i P	p max	00 08 33.7 +1.5
SNA	Sanae	64.37	161	P	I Amb	00 08 29.9 -2.3
SNA	Sanae	64.37	161	P	I Amb	00 09 09.5
H65A	Eastbrook	64.39	2	P	P	00 08 32.6 +0.1
H56A	Elgin	64.42	356	P	P	00 08 33.7 +1.0
TUC	Tucson	64.42	323	P	P	00 08 36.7 +3.6
EMMW	East Machias	64.44	3	P	I Amb	00 08 29.7 -3.1
EMMW	East Machias	64.44	3	P	I Amb	00 08 56.6
H55A	Tweed	64.44	355	P	P	00 08 33.1 +0.3
I49A	Point Hope	64.50	351	P	P	00 08 33.9 +0.6
H66A	Whiting	64.52	3	P	P	00 08 33.3 -0.1
FRNY	Flat Rock	64.52	358	I Amb	I Amb	00 08 57.3
H63A	Solovaygeon	64.59	354	P	P	00 08 34.6 +0.8
G50A	Masonville	64.75	359	P	P	00 08 36.1 +1.2
G59A	Clarenceville	64.76	358	P	P	00 08 35.3 +0.5
G63A	Kingsbury	64.77	1	P	P	00 08 35.6 +0.6
H52A	Weyvale	64.80	353	P	P	00 08 36.0 +0.9
SADO	Sadowa	64.84	354	I Amb	I Amb	00 08 59.1
G57A	Newington	64.85	357	P	P	00 08 36.5 +1.0
G58A	Ormsdown	64.86	358	P	P	00 08 36.4 +0.9
I47A	Gladwin	64.86	349	P	P	00 08 37.9 +2.3
G62A	West of Eustis	64.87	0	P	P	00 08 36.3 +0.7
GGN	Saint George	64.88	3	I Amb	I Amb	00 08 56.0
I48A	Sherman Twp	64.88	350	P	P	00 08 35.6 -0.1
SCIA	State Center	64.89	342	P	P	00 08 36.8 +0.9
G65A	Princeton	64.92	3	I Amb	I Amb	00 08 59.8
G65A	Princeton	64.92	3	P	P	00 08 36.9 +0.9
PKME	Peaks-Kenny Pk	64.93	1	P	I Amb	00 08 35.6 -0.4
PKME	Peaks-Kenny Pk	64.93	1	P	I Amb	00 08 59.3
PKME	Peaks-Kenny Pk	64.93	1	P	P	00 08 36.2 +0.2
G61A	St-Isidore-de-	64.93	360	P	P	00 08 36.4 +0.3
G64A	Maxfield	64.93	2	P	P	00 08 37.0 +1.0
I46A	Reed City	64.95	349	P	P	00 08 36.6 +0.4
JFWS	Jewell Farm	65.02	345	P	P	00 08 37.4 +0.7
G55A	Calabogie	65.11	356	P	P	00 08 38.2 +1.1
G53A	Haliburton	65.14	354	P	P	00 08 37.8 +0.4
H48A	Harrisville	65.32	350	P	P	00 08 38.9 +0.3
214A	Organ Pipe Nat	65.33	321	P	P	00 08 41.9 +3.0
G54A	Lake Saint Pet	65.36	355	P	P	00 08 40.4 +1.5
F63A	Nahmakanta, Br	65.37	1	P	P	00 08 39.9 +1.0
H46A	Fife Lake	65.48	349	P	P	00 08 40.4 +0.8
F59A	Saint Guillaume	65.52	359	P	P	00 08 40.7 +0.9
F64A	Sherman	65.56	2	P	I Amb	00 08 39.1 -0.9
F64A	Sherman	65.56	2	P	I Amb	00 09 03.4
F64A	Sherman	65.56	2	P	P	00 08 40.6 +0.6
F60A	Warwick	65.62	359	P	P	00 08 40.9 +0.4
F61A	St Evariste	65.62	0	P	P	00 08 41.2 +0.7
GLMI	Grayling	65.66	349	P	P	00 08 40.3 -0.5
F55A	Otter Lake	65.66	356	P	P	00 08 40.6 -0.1
KSCO	Kaye Shedlock	65.71	333	P	P	00 08 42.7 +1.3
H45A	Beulah	65.72	348	P	P	00 08 42.8 +1.6
LMN	Caledonia Moun	65.74	5	P	I Amb	00 08 40.9 -0.4
LMN	Caledonia Moun	65.74	5	P	I Amb	00 09 05.1
G47A	Hillman	65.87	350	P	P	00 08 43.6 +1.5
F52A	Sundridge	65.88	354	P	P	00 08 43.4 +1.2
ALGO	Algonquin Park	65.91	355	P	P	00 08 43.5 +1.2
SDCO	Great Sand Dun	65.94	331	P	P	00 08 46.8 +3.7
W18A	Petrified Fore	65.96	326	P	P	00 08 46.5 +3.3
E60A	Ste Agathe de	65.92	360	P	P	00 08 43.4 +0.4
BGNE	Belgrade	66.04	338	P	P	00 08 44.9 +1.5
E58A	La Victoria	66.05	358	P	P	00 08 43.7 +0.5
F51A	Arnstein	66.07	353	P	P	00 08 45.5 +2.1
E61A	Lac Etchemin	66.08	0	P	P	00 08 43.8 +0.3
E63A	Oxbow	66.11	2	P	P	00 08 44.2 +0.6
E57A	Chemin Saint G	66.12	358	P	P	00 08 43.4 -0.3
E64A	Bridgewater	66.13	2	P	P	00 08 43.9 +0.2

E59A	St. Maurice	66.14	359	P	P	00 08 44.6 +0.8
G46A	Potoskey	66.18	349	P	P	00 08 45.3 +1.2
E55A	Montcerf-Lyto	66.26	356	P	P	00 08 45.6 +1.1
E56A	St. Veronique	66.29	357	P	P	00 08 45.8 +1.0
E52A	Mattawa	66.29	354	P	P	00 08 44.8 0.0
E54A	Lac Duplat, Po	66.32	355	P	P	00 08 45.3 +0.3
F48A	Evansville	66.32	351	P	P	00 08 47.6 +2.7
PQI	Presque Isle	66.37	2	P	I Amb	00 08 44.8 -0.5
PQI	Presque Isle	66.37	2	P	I Amb	00 09 05.7
S22A	4UR Ranch, Cre	66.56	330	P	P	00 08 48.8 +1.7
D60A	Saint Jean D'O	66.56	0	P	P	00 08 48.1 +1.6
E51A	C1948 Merrick	66.62	354	P	P	00 08 48.6 +1.7
F45A	CMU Biological	66.65	349	P	P	00 08 48.7 +1.6
D59A	Saint-Vers	66.66	359	P	P	00 08 48.4 +1.2
D57A	Chemin Raymond	66.71	358	P	P	00 08 48.4 +0.9
D63A	Stockholm	66.74	2	P	P	00 08 47.0 -0.6
D62A	Allapoint, All	66.75	1	P	P	00 08 47.6 -0.1
D58A	Chemin du LacG	66.76	359	P	P	00 08 48.5 +0.7
D56A	ZEC Mazanra, M	66.78	357	P	P	00 08 48.5 +0.6
D55A	Sainte-Anne-du	66.79	357	P	P	00 08 48.2 +0.2
D61A	St Albert, Com	66.85	1	P	P	00 08 49.5 +1.2
E48A	Lockeys	66.89	352	P	P	00 08 49.7 +1.0
MVCO	Mesa Verde	66.95	328	P	P	00 08 51.0 +1.5
D54A	Lac Fusel, La	66.99	356	P	P	00 08 50.8 +1.5
D53A	Lac Vacive, Po	67.00	355	P	P	00 08 50.4 +1.1
E47A	Iron Bridge	67.03	351	P	P	00 08 50.2 +0.7
LATQ	La Tuque	67.05	359	P	P	00 08 50.9 +1.3
BATG	Sathurst New B	67.07	4	P	I Amb	00 08 49.4 -0.3
BATG	Sathurst New B	67.07	4	P	I Amb	00 09 00.2
OGNE	Ogallala	67.10	335	P	P	00 08 52.7 +2.5
WUAG	Wupatki	67.14	325	P	P	00 08 52.5 +1.8
D51A	Lot 18 Range I	67.16	354	P	P	00 08 50.4 +0.1
D50A	C1974 Best Tow	67.29	353	P	P	00 08 52.0 +0.9
GLA	Glamis	67.30	321	P	P	00 08 54.6 +3.0
D48A	Pausash Townsh	67.53	352	P	P	00 08 52.9 +0.2
D46A	Sault St. Mari	67.57	350	P	P	00 08 54.2 +1.2
D47A	Chapleau	67.59	351	P	P	00 08 54.5 +1.4
ECSD	EROS Data Cent	67.59	340	P	P	00 08 53.4 +0.2
Y12C	Blythe	67.62	322	P	P	00 08 56.1 +2.6
ISCO	Idaho Springs	67.66	332	P	P	00 08 55.6 +1.6
IKP	In-Ko-Pah, Jac	67.79	320	P	P	00 08 57.8 +3.0
PDCCI	Parker Dam, Lak	67.79	322	P	P	00 08 56.4 +1.8
SPWS	Sam W. Stewart	67.81	320	P	P	00 08 56.6 +1.9
SWMN	Marine on St.	67.84	344	P	P	00 08 55.5 +0.8
VLDQ	Val d'Or	68.01	355	I Amb	I Amb	00 09 19.8
BC3	Big Chutekwall	68.10	321	P	P	00 08 59.6 +2.9
MONP2	Monument Peak	68.15	320	P	P	00 08 59.6 +2.4
IRM	Iron Mountain	68.27	322	P	P	00 09 00.2 +2.5
U15A	North Rim	68.31	325	P	P	00 08 56.4 -1.9
109C	Camp Elliot, M	68.56	319	P	P	00 09 02.2 +2.7
BELC	Belle Mtn. Jos	68.66	321	P	P	00 09 02.7 +2.4
PFO	Pinyon Flats O	68.67	320	P	p max	00 08 01.4 +1.1
PFO	Pinyon Flats O	68.67	320	P	p max	00 09 02.8 +2.5
N23A	Red Feather La	68.69	332	P	P	00 09 02.9 +2.4
NVL	N'Azarevskaya	68.96	159	eP	S	00 09 01.9 +0.5
NVL	N'Azarevskaya	68.96	159	eP	S	00 18 02.9 -2.8
SUSD	Miller	69.00	339	P	P	00 09 03.9 +1.9
GMRC	Granite Mounta	69.01	322	P	P	00 09 04.5 +2.0
MURC	Murrieta	69.10	320	P	P	00 09 04.9 +2.0
O20A	White River Ci	69.12	330	P	P	00 09 04.1 +1.0
LCMT	Little Creek M	69.26	325	P	P	00 09 01.9 -2.1
HEC	Hector, Ludlow	69.44	321	P	P	00 09 09.1 +4.1
SC12	San Clemente I	69.51	319	P	P	00 09 10.5 +5.1
TUQ	Turquoise Moun	69.63	322	P	P	00 09 09.5 +3.2
MATO	Mataamii	69.66	355	P	P	00 09 08.7 +2.8
MSU	Marysvalle	69.81	327	P	P	00 09 07.1 -0.3
MSU	Marysvalle	69.81	327	P	P	00 09 07.1 -0.3
BFSC	Mount Baldy Ra	69.82	320	P	P	00 09 11.6 +4.1
RRX	Edison Barstow	69.86	321	P	P	00 09 13.0 +5.4
DRLN	Deer Lake	69.95	9	P	P	00 09 07.2 -0.5
GSC	Goldstone, Bar	70.05	321	P	P	00 09 11.6 +2.9
MWC	Mount Wilson	70.05	320	P	p max	00 09 10.5 +1.6
MWC	Mount Wilson	70.05	320	P	p max	00 09 12.7 +3.3
DBIC						

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like J59A Plesco, J57A Williamstown, J55A Hilton, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like E55A Montcerf-Lytto, E56A St. Veronique, E53A Dumoine, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Station Type, Time, and Res. Includes stations like PSGC Pisagua, PSGB Pisagua, TA01 Diego Aracena, etc.

Technical notes and coordinates:
IDC 02 00:03:10.3z.0.4, 19:73S:70:65W, h0km, mb5.3/16,
mb1 5.4/17, mb1mx5.2/29, mbtmp5.3/17, ML5.2/1, Error
ellipse: s-maj=21.1km s-min=13.0km az=64.0
BUI 02 00:03:10.6z.0.0, 19:82S:70:66W, h10km, mb6.1/1,
Ms6.1/1, Ms7.5/9/1
MOS 02 00:03:11.0z.1.1, 19:68S:70:65W, h10km, mb5.9/7, Error
ellipse: s-maj=16.7km s-min=11.4km az=126.3
GUC 02 00:03:13.3z.0.7, 19:84S:70:93W, h22km, 10km, ML5.9,
ML1.1
NEIC 02 00:03:13.7z.1.2, 19:78S:0:04:72W, 0:06, h21km, 1km,
s-min=7.141, ML5.4(GUC), Error ellipse: s-maj=8.8km,
s-min=6.0km az=85.0
ISC 02 00:03:12.7z.1.1, 19:81S:0:03:70:85W, 0:05, h15km, 6km,
n667, 09/94/636, mb5.7/84, SC-4D, Near coast of

H64A	Troy	64.16	1	P	P	00 13 46.7 +0.2	D54A	Lac Fusel, La	66.86	356	P	P	00 14 03.3 -0.6	comp=Z,22nm,0.9s,baz=154,slow=6.9,SNR=11	NVAR	Mina Array Bea	73.05	324	P	P	00 14 43.2 +0.6
H63A	New Sharon	64.16	1	P	P	00 13 47.4 +0.9	D53A	Lac Vacive, Po	66.86	355	P	P	00 14 03.8 -0.2	comp=Z,44nm,1.1s,baz=162,slow=6.5,SNR=5.1	ULM	Lac du Bonnet	70.18	344	P	P	00 14 41.7 -1.0
H59A	Cadyotte	64.19	358	P	P	00 13 46.9 +0.1	MVCO	Mies Verde	66.90	328	P	P	00 14 04.7 -0.1	comp=Z,130nm,1.5s	ULM	Lac du Bonnet	73.18	344	P	P	00 14 41.2 -1.5
LONY	Lake Ozonia	64.21	357	P	P	00 13 46.7 -0.2	LATQ	La Tuque	66.90	359	P	P	00 14 04.1 -0.1	comp=Z,130nm,1.5s	ULM	Lac du Bonnet	73.18	344	P	P	00 14 41.2 -1.5
H65A	Eastbrook	64.24	2	P	P	00 13 47.6 +0.6	E47A	Iron Bridge	66.91	351	P	P	00 14 03.4 -0.9	comp=Z,130nm,1.5s	ULM	Walker	73.48	333	P	P	00 14 43.6 -0.5
H56A	Elgin	64.28	356	P	P	00 13 47.2 -0.1	BATG	Bathurst New B	66.91	4	P	P	00 14 04.5 +0.2	comp=Z,130nm,1.5s	RLMT	Red Lodge	73.48	333	P	P	00 14 44.9 0.0
CBKS	Cedar Bluff	64.30	335	P	P	00 13 47.7 +0.1	BATG					00 14 05.3	H17A	Grant Village	73.49	331	P	P	00 14 46.9 +1.9		
CBKS	Cedar Bluff	64.30	335	I	Amb	00 13 49.0	OGNE	Ogallala	67.03	335	P	P	00 14 05.5 +0.2	comp=Z,44nm,1.1s	LAO	LASA Array	73.49	335	P	P	00 14 44.9 +0.2
H55A	Tweed	64.31	355	P	P	00 13 47.0 -0.5	D51A	Lot 18 Range I	67.03	354	P	P	00 14 04.6 -0.5	comp=Z,73nm,1.0s	LKWY	Lake	73.54	332	I	Amb	00 14 47.9
H66A	Whiting	64.36	3	P	P	00 13 48.0 +0.2	WUAZ	Wupatki	67.11	325	P	P	00 14 07.3 +1.3	comp=Z,25nm,0.9s,baz=159,slow=3.7,SNR=4.2	WAKR	Walker	73.75	322	I	Amb	00 14 58.5
I49A	Point Hope	64.38	350	P	P	00 13 46.6 -1.4	D50A	G1974 Best Tow	67.16	353	P	P	00 14 05.5 -0.3	comp=Z,75nm,1.4s	YERR	Yerington	73.97	323	I	Amb	00 14 50.9
TUC	Tucson	64.40	323	P	P	00 13 48.6 +0.1	GLA	Glamis	67.28	321	P	P	00 14 08.1 +1.1	comp=Z,89nm,1.3s	DGMT	Dagmar	74.22	338	P	P	00 14 49.4 +0.5
H53A	Bobcaygeon	64.46	354	P	P	00 13 48.2 -0.3	D49A	Beulah Townshi	67.44	352	P	P	00 14 06.9 -0.8	comp=Z,54nm,1.0s	PNTR	Pine Nut	74.24	323	I	Amb	00 14 51.9
SNA4	Sanae	64.46	161	P	P	00 13 48.3 -0.1	D47A	Chapleau	67.47	351	P	P	00 14 07.3 -0.5	comp=Z,54nm,1.0s	VCNR	Virginia City	74.41	323	I	Amb	00 14 53.5
SNA4	Sanae	64.46	161	P	P	00 13 48.3 -0.1	ECSD	ERR Data Cent	67.51	340	P	P	00 14 07.4 -0.8	comp=Z,25nm,0.9s,baz=152,slow=3.7,SNR=5.3	SCHO	Schefferville	74.42	2	P	P	00 14 49.0 -0.9
SNA4	Sanae	64.46	161	I	Amb	00 13 48.9	ECSD	EROS Data Cent	67.51	340	I	Amb	00 14 09.2	comp=Z,25nm,0.9s,baz=152,slow=3.7,SNR=4.2	SCHO	Schefferville	74.42	2	I	Amb	00 14 50.2
G60A	Masonville	64.61	359	P	P	00 13 50.2 +0.7	Y12C	Blythe	67.60	322	P	P	00 14 09.6 +0.7	comp=Z,44nm,1.1s	PAHR	Pah Rah Range	74.54	323	I	Amb	00 14 53.5
G59A	Clarenceville	64.61	358	P	P	00 13 49.5 +0.1	ISCO	Idaho Springs	67.60	332	P	P	00 14 09.3 +0.1	comp=Z,99nm,1.0s	BEKR	Beckworth	75.20	323	I	Amb	00 15 06.4
G63A	Kingsbury	64.62	1	P	P	00 13 49.9 +0.3	SPMN	Marine on St.	67.74	343	P	P	00 14 08.8 -0.8	comp=Z,69nm,1.2s	MFID	Camas Ranch	75.25	328	I	Amb	00 14 57.4
H52A	Wyevale	64.67	353	P	P	00 13 49.2 -0.6	PDMCI	Parker Dam,Lak	67.77	322	P	P	00 14 10.7 +0.7	comp=Z,80nm,1.1s	ORV	Oroville	75.65	322	I	Amb	00 14 59.6
G57A	Newington	64.71	357	P	P	00 13 50.1 0.0	IKP	In-Ko-Pah, Jac	67.78	320	P	P	00 14 11.1 +0.9	comp=Z,110nm,1.1s	EGMT	Eagleton	75.99	334	P	P	00 14 59.2 0.0
G58A	Ormstown	64.71	357	P	P	00 13 50.2 +0.1	SWSC	Sam W. Stewart	67.79	320	P	P	00 14 11.0 +0.8	comp=Z,143,slow=2.0,SNR=3.9	O03E	Paynes Creek	76.31	322	P	P	00 15 01.1 -0.1
G62A	West of Eustis	64.72	0	P	P	00 13 50.8 +0.6	BC3	Big Chukawall	68.08	321	P	P	00 14 13.1 +1.0	comp=Z,131,SNR=5.4	O02D	Mt. Diablo Mer	76.81	322	P	P	00 15 04.4 +0.4
GGN	Saint George	64.72	3	I	Amb	00 13 52.3	MONP2	Mount Peak	68.13	320	P	P	00 14 13.4 +0.8	comp=Z,131,SNR=5.4	MSO	Missoula	76.87	331	P	P	00 15 04.5 +0.2
I47A	Gladwin	64.74	349	P	P	00 13 49.1 -1.2	BAR	Barrett	68.14	319	P	P	00 14 13.0 +0.6	comp=Z,139	N02D	Trinity Center	77.27	322	P	P	00 15 06.7 0.0
I48A	Sherman Twp	64.76	350	P	P	00 13 49.2 -1.2	IRM	Iron Mountain	68.25	321	P	P	00 14 14.1 +1.0	comp=Z,45nm,1.0s	M04C	Macdoel	77.31	323	P	P	00 15 07.5 +0.6
G65A	Princeton	64.77	3	P	P	00 13 50.8 +0.3	U15A	North Rim	68.28	325	I	Amb	00 14 15.9	comp=Z,132,SNR=6.4	KMRM	Mail Ridge	77.37	321	I	Amb	00 15 09.7
PKME	Peaks-Kenny Pk	64.78	1	P	P	00 13 50.7 +0.2	NEE2	Needles Airpor	68.38	322	P	P	00 14 14.5 +0.7	comp=Z,80nm,1.2s	M02C	Callian	77.63	323	P	P	00 15 08.5 -0.1
G64A	Maxfield	64.78	2	P	P	00 13 50.9 +0.3	N23A	Red Feather L	68.64	332	P	P	00 14 16.4 +0.8	comp=Z,131	K04D	Chiloquin, OR	77.82	324	P	P	00 15 10.5 +0.8
G61A	St-Isidore-de-	64.78	359	P	P	00 13 51.4 +0.8	BELC	Bell Mtn. Jos	68.64	321	P	P	00 14 16.8 +1.1	comp=Z,132	L04D	Klamath Falls	77.86	324	P	P	00 15 10.5 +0.5
SCIA	State Center	64.80	342	P	P	00 13 50.2 -0.6	XPFO	Pion Flat	68.65	320	P	P	00 14 17.2 +1.5	comp=Z,132,SNR=7.4	J05D	Fort Rock, OR	77.98	325	P	P	00 15 11.2 +0.6
I46A	Reed City	64.84	348	P	P	00 13 49.6 -1.4	XPFO					00 14 23.2	VNDA	Vanda	78.18	190	P	P	00 15 12.2 +1.1		
T25A	Trinidad	64.88	331	P	P	00 13 52.0 +0.3	PFO	Pinyon Flats O	68.65	320	P	P	00 14 17.2 +1.5	comp=Z,9.6nm,1.0s,baz=145,slow=2.0,SNR=3.9	VNDA	Vanda	78.18	190	P	P	00 15 12.6 +1.5
JFWS	Jewell Farm	64.92	344	P	P	00 13 50.4 -1.2	PFO					00 14 16.9 +1.1	VNDA	Vanda	78.18	190	P	P	00 15 13.6 +0.4		
G55A	Calabogie	64.97	355	P	P	00 13 51.4 -0.5	PFO	Pinyon Flats O	68.65	320	P	P	00 14 17.2 +1.5	comp=Z,16nm,1.1s	VNDA	Vanda	78.18	190	P	P	00 15 12.6 +1.5
G53A	Haliburton	65.01	354	P	P	00 13 51.5 -0.6	PFO					00 14 23.2	J04D	Umpqua Nationa	78.43	324	P	P	00 15 13.6 +0.4		
H48A	Harrisville	65.20	350	P	P	00 13 52.1 -1.2	SUSD	Miller	68.91	339	P	P	00 14 16.5 -0.5	L02E	Cave Junction	78.55	323	P	P	00 15 14.2 +0.6	
F63A	Nahmakanta, Br	65.22	1	P	P	00 13 53.7 +0.3	GMRC	Granite Mounta	68.99	322	P	P	00 14 18.7 +0.9	SYO	Syowa Base	78.71	160	I	P	00 15 12.0 -2.1	
G54A	Lake Saint Pet	65.23	354	P	P	00 13 53.3 -0.2	NVL	N'zarevskaya	69.05	159	eP	P	00 14 16.9 -0.6	SYO	Syowa Base	78.71	160	I	P	00 15 19.7 +1.6	
H47A	Micro	65.25	350	P	P	00 13 53.7 0.0	NVL					00 14 16.9 -0.6	I05D	Terrebonne, OR	78.74	326	P	P	00 15 15.6 +0.9		
214A	Organ Pipe Nat	65.31	321	P	P	00 13 55.1 +0.7	O20A	White River Ci	69.07	330	P	P	00 14 18.5 +0.2	K02D	Willamette Mer	78.94	323	P	P	00 15 16.5 +0.7	
F59A	Saint Guillaume	65.37	359	P	P	00 13 53.9 -0.5	MURC	Murrieta	69.09	320	P	P	00 14 19.1 +0.8	I04A	Tendick Farm,	78.96	325	P	P	00 15 16.3 +0.4	
F64A	Sherman	65.40	2	P	P	00 13 54.7 +0.1	HEC	Hector,Ludlow	69.42	321	P	P	00 14 21.7 +1.3	G05D	Wamic, OR	79.34	326	P	P	00 15 18.7 +0.7	
F61A	St Evariste	65.47	360	P	P	00 13 54.9 -0.2	MATO	Matagami	69.52	355	P	P	00 14 19.7 -0.9	J01E	Heo Point	79.38	323	P	P	00 15 19.1 +1.0	
F60A	Warwick	65.47	359	P	P	00 13 55.0 -0.1	DRLN	Deer Lake	69.78	9	P	P	00 14 21.7 -0.5	NEW	Newport	79.38	331	P	P	00 15 18.6 +0.5	
F55A	Otter Lake	65.52	356	P	P	00 13 55.2 -0.2	BFSC	Mount Baldy Ra	69.81	320	P	P	00 14 23.8 +0.9	I03D	Drain, OR	79.41	324	P	P	00 15 18.6 +0.4	
LMN	Caledonia Moun	65.58	5	P	P	00 13 55.1 -0.7	SHPR	Sheep Range	69.92	323	P	P	00 14 25.1 +1.5	C09A	Chrisman Ranch	79.59	330	I	Amb	00 15 20.9	
KSC0	Kaye Shedlock	65.64	333	P	P	00 13 57.0 +0.5	GBC	Goldstone, Bar	70.03	321	P	P	00 14 25.2 +1.1	F05D	White Salmon	79.85	327	P	P	00 15 21.5 +0.9	
F52A	Sundridge	65.75	354	P	P	00 13 56.3 -0.5	DISC	Dismokro	70.03	75	P	P	00 14 22.1 -2.5	I02D	Swishhome	79.95	324	P	P	00 15 22.3 +1.2	
ALGO	Algonquin Park	65.78	355	P	P	00 13 56.3 -0.7	DBIC	Dimbokro	70.03	75	I	Amb	00 14 23.9	G03D	McMinnville, O	80.35	325	P	P	00 15 24.7 +1.4	
E60A	Ste Agathe de	65.87	360	P	P	00 13 57.5 -0.1	MWC	Mount Wilson	70.04	320	P	P	00 14 25.7 +1.3	F04A	Amboy	80.38	326	I	Amb	00 15 24.9	
SDCO	Great Sand Dun	65.88	330	P	P	00 13 58.7 +0.5	MWC					00 14 25.7 +1.3	F04D	Rainier, OR	80.78	326	P	P	00 15 27.0 +1.4		
SDCO	Great Sand Dun	65.88	330	I	Amb	00 13 59.8	PASC	Pasadena Art C	70.08	320	P	P	00 14 26.0 +1.6	E04D	Casimio, Conde	80.87	327	P	P	00 15 26.2 -0.1	
E58A	La Victoria	65.91	358	P	P	00 13 57.8 0.0	PASC					00 14 26.8	D05A	Enunclaw	80.99	327	I	Amb	00 15 28.1		
W18A	Petrified Fore	65.93	326	P	P	00 13 58.6 +0.1	SHOC	Shoshone, Teco	70.13	322	P	P	00 14 26.1 +1.4	SUR	Sutherland	81.00	121	P	P	00 15 27.1 -0.5	
E61A	Lao Etchemin	65.93	0	P	P	00 13 58.6 +0.6	DECC	Green Verdugo	70.23	320	P	P	00 14 26.6 +1.3	SUR				00 15 29.1			
G45A	Suttons Bay	65.94	349	P	P	00 13 56.6 -1.5	N3CC	San Nicolas Is	70.29	318	P	P	00 14 26.9 +1.1	comp=Z,58nm,1.1s	E03A	Lebam	81.38	326	I	Amb	00 15 30.6
F51A	Arnstein	65.94	353	P	P	00 13 57.3 -0.8	K22A	Casper	70.31	333	P	P	00 14 26.5 +0.6	comp=Z,55nm,0.9s	D04E	Lakeby	81.39	327	P	P	00 15 29.6 +0.8
E63A	Oxbow	65.96	2	P	P	00 13 58.6 +0.4	EDW2	Edwards Air Fo	70.44	320	P	P	00 14 27.3 +0.5	comp=Z,132	MORF	Marquette	81.56	45	eP	P	00 15 30.9 +0.8
E63A	Oxbow	65.96	2	I	Amb	00 13 59.4	RSSD	Black Hills	70.50	335	P	P	00 14 27.3 +0.2	comp=Z,278nm,1.7s	B05A	Bryant	81.77	328	P	P	00 15 30.6 -0.2
BGNE	Belgrade	65.96	338	P	P	00 13 58.5 +0.1	BLG	Laguna Peak, P	70.58	319	P	P	00 14 28.2 +0.7	comp=Z,132,SNR=6.6	D03D	Eldon	81.78	327	P	P	00 15 31.4 +0.5
E64A	Bridgewater																				

X59A	McDuffie Farm, baz=171	54.52 352	P	P	00 16 12.4 +0.6
X58A	Rowland baz=170	54.60 351	P	P	00 16 13.1 +0.7
Z50A	Ashland baz=162	54.63 345	P	P	00 16 11.8 -0.9
LRAL	Lakeview Retre baz=168	54.70 343	P	P	00 16 13.4 +0.2
X56A	White Oak baz=168	54.80 350	P	P	00 16 14.4 +0.6
342A	Flagon Creek P baz=168	54.84 338	P	IAMB	00 16 14.5 +0.3
BIRD	Birdtown, Kers comp=Z,68nm,1.1s	54.86 350	P	IAMB	00 16 25.1
BIRD					00 16 13.9 -0.4
X55A	Gracelyn & Ava comp=Z,41nm,0.9s	54.88 349	P	P	00 16 15.1 +0.7
W60A	Pink Hill baz=172	54.89 353	P	P	00 16 15.4 +0.9
W58A	Raeferd baz=170	55.05 352	P	P	00 16 16.2 +0.6
W59A	Clinton baz=171	55.09 350	P	P	00 16 16.3 +0.4
X54A	Belton baz=167	55.09 348	P	P	00 16 16.8 +0.8
W57A	Gilead baz=170	55.28 351	P	P	00 16 18.0 +0.7
W56A	Indian Trail baz=169	55.36 350	P	P	00 16 18.1 +0.2
KMSC	Kings Mountain baz=168	55.49 350	P	P	00 16 19.1 +0.2
V60A	Jim Taylor Roa baz=173	55.55 354	P	P	00 16 19.9 +0.7
W54A	Cherokee Point baz=167	55.58 349	P	P	00 16 19.9 +0.3
X51A	Calhoun baz=164	55.63 346	P	P	00 16 20.1 +0.2
V59A	Middlesex baz=170	55.65 353	P	P	00 16 20.3 +0.4
V58A	Windy Hill, Pi baz=171	55.79 352	P	IAMB	00 16 20.5 -0.5
V58A	Windy Hill, Pi comp=Z,44nm,1.0s	55.97 351	P	P	00 16 22.7 +0.4
V57A	Coltrane Farms baz=170	56.01 351	P	P	00 16 23.2 +0.7
U61A	Possum Corner baz=174	56.03 355	P	P	00 16 23.1 +0.5
V55A	Taylorville baz=168	56.16 350	P	P	00 16 24.2 +0.6
U59A	Littleton baz=172	56.18 353	P	P	00 16 24.4 +0.6
V54A	Nebo baz=167	56.21 349	P	P	00 16 24.6 +0.5
U58A	Oxford baz=171	56.31 353	P	P	00 16 25.3 +0.6
U57A	Blanch baz=170	56.45 352	P	P	00 16 25.7 0.0
U56A	King baz=169	56.51 351	P	P	00 16 26.5 +0.3
V52A	Sevierville baz=166	56.59 348	P	P	00 16 26.8 0.0
Z41A	Richland Creek baz=155	56.72 338	P	P	00 16 28.3 +0.6
Z37A	Washetta, Mont comp=Z,65nm,1.1s	56.73 335	IAMB	IAMB	00 16 38.8
T59A	Double "B" Far baz=172	56.77 354	P	P	00 16 28.3 +0.4
T58A	Grand View Acr baz=171	56.85 353	P	P	00 16 28.8 +0.3
T60A	Surry baz=173	56.85 354	P	P	00 16 28.8 +0.3
U54A	Nelsons Funny baz=168	56.92 350	P	P	00 16 29.5 +0.4
U54A	Nelsons Funny comp=Z,50nm,0.9s	56.92 350	P	IAMB	00 16 27.9 -1.2
T57A	Hurt baz=170	57.00 352	P	P	00 16 29.9 +0.4
T55A	Pulaski baz=169	57.33 351	P	P	00 16 32.9 +0.9
WHTX	Lake Whitney, baz=150	57.40 333	P	P	00 16 33.8 +1.2
S60A	Water View baz=174	57.41 355	P	P	00 16 33.2 +0.8
S58A	Poland Farm, P baz=172	57.46 353	P	P	00 16 33.4 +0.6
T53A	Wise baz=167	57.49 349	P	P	00 16 33.6 +0.4
S59A	Mechanicsville baz=173	57.52 354	P	P	00 16 33.9 +0.6
T52A	Halle baz=166	57.70 349	P	P	00 16 34.5 0.0
S56A	Natural Bridge baz=170	57.70 352	P	P	00 16 35.5 +0.9
T51A	Gray baz=165	57.74 348	P	P	00 16 35.1 +0.3
R58B	Mineral baz=172	57.78 353	P	P	00 16 35.9 +0.8
S55A	Lewisburg baz=169	57.93 351	P	P	00 16 37.0 +0.8
R58A	Rapidan baz=172	58.13 353	P	P	00 16 38.4 +0.9
TXAR	Lajitas Array comp=Z,3.3nm,1.0s,baz=138,slow=6.9,SNR=2.6	58.15 326	P	P	00 16 39.2 +1.2
MIAR	Mount Ida baz=155	58.15 338	P	P	00 16 38.3 +0.5
R57A	Stanardsville baz=172	58.19 353	P	P	00 16 38.9 +1.0
T49A	Edmonton baz=164,SNR=5.6	58.22 346	P	P	00 16 37.8 -0.4
R54A	Victor baz=169	58.40 351	P	P	00 16 39.9 +0.4
S50A	Richmond baz=165	58.52 347	P	P	00 16 40.3 -0.1
Q58A	Fox Den Farm, baz=172	58.73 354	P	P	00 16 42.4 +0.6
ABTX	Abilene, Hawle baz=148	58.90 332	P	P	00 16 43.6 +0.5
Q57A	Strasburg baz=172	58.90 353	P	P	00 16 44.0 +1.1
R51A	Hillsboro baz=166	58.96 348	P	P	00 16 43.5 +0.2
Q56A	Snyder Ridge, baz=171	59.00 352	P	P	00 16 44.0 +0.4
Q55A	Buckhannon baz=170	59.07 352	P	P	00 16 44.6 +0.5
Q54A	Coxs Mills baz=169	59.17 351	P	P	00 16 44.9 +0.2
P58A	Pank, Wackersv baz=173	59.24 354	P	P	00 16 45.5 +0.3
P57A	Jarrettsville baz=174	59.28 355	P	P	00 16 45.9 +0.4
P59A	Homestead Farm baz=172	59.30 354	P	P	00 16 46.7 +1.0
P60A	Greenville baz=175	59.42 356	P	P	00 16 46.7 +0.2
WCI	Wyandotte Cave baz=163	59.46 346	P	P	00 16 46.8 0.0
Q51A	Peebles baz=186	59.62 349	P	P	00 16 48.1 +0.2
OC1A	Allentown baz=176	59.63 357	P	P	00 16 48.3 +0.3
MCWV	Mont Chateau baz=170	59.69 352	P	P	00 16 49.0 +0.7
P54A	Burton baz=170	59.72 351	P	P	00 16 49.0 +0.4
P53A	Whipple baz=168	59.74 351	P	P	00 16 48.9 +0.2
Q58A	Lewisberry baz=173	59.83 355	P	P	00 16 50.1 +0.8
Q49A	Aurora baz=165	59.90 347	P	P	00 16 49.9 +0.1
O57A	Amberson baz=173	59.98 354	P	P	00 16 50.9 +0.5
P52A	Corning baz=168	60.01 350	P	P	00 16 50.2 -0.4
O56A	Blue Knob Stat baz=172	60.14 353	P	P	00 16 52.0 +0.5
O55A	Ligonier baz=171	60.16 353	P	P	00 16 52.3 +0.6
TUL1	Leonard baz=153	60.17 337	P	P	00 16 52.2 +0.4
N61A	South Mountain baz=176	60.28 357	P	P	00 16 53.0 +0.7
P49A	Miami Univ. Ec baz=165	60.38 348	P	P	00 16 52.4 -0.7
SSPA	Standing Stone baz=172	60.43 354	P	P	00 16 53.5 +0.1
PAL	Palisades baz=177	60.51 357	P	P	00 16 54.5 +0.6
N57A	Milroy baz=173	60.52 354	P	P	00 16 54.8 +0.8
N58A	Sunbury baz=175	60.52 355	P	P	00 16 54.7 +0.7
N59A	State Game Lan baz=175	60.53 356	P	P	00 16 55.3 +1.2
N55A	Marion Center baz=171,SNR=5.6	60.69 353	P	P	00 16 55.5 +0.3
ACSO	Alum Creek Sta baz=167	60.73 349	P	P	00 16 55.7 +0.2
N56A	West Decatur baz=178	60.75 354	P	P	00 16 56.0 +0.4
M62A	Hamden baz=178	60.91 358	P	P	00 16 57.3 +0.7
O49A	Covington baz=165	60.94 348	P	P	00 16 57.4 +0.6
N53A	Lisbon baz=169	60.95 351	P	P	00 16 56.8 -0.2
N54A	Moraine State baz=170	60.99 352	P	P	00 16 57.8 +0.6
M58A	Price's Panora baz=173	61.03 355	P	P	00 16 58.4 +0.9
M57A	Sunshine Farm, baz=173	61.05 355	P	P	00 16 58.8 +1.1
M59A	Waymart baz=173	61.13 356	P	P	00 16 58.5 +0.3
O48A	Farmland baz=165	61.16 348	P	P	00 16 58.2 -0.2
N50A	Nevada baz=167	61.28 349	P	P	00 16 58.9 -0.3
M56A	Emporium baz=172	61.30 354	P	P	00 16 59.5 +0.2
L63A	North Scituate baz=179	61.31 359	P	P	00 16 59.9 +0.6
M55A	Ridgway baz=172,SNR=5.7	61.35 353	P	P	00 16 60.0 +0.3
L64A	Middleborough baz=180	61.38 0	P	P	00 16 59.8 0.0
M54A	Oil Creek Stat baz=171	61.49 353	P	P	00 17 00.7 +0.1
M53A	WJ Miller and baz=169	61.55 352	P	P	00 17 00.9 -0.1
N49A	Columbus Grove baz=166	61.62 349	P	P	00 17 01.5 0.0
L58A	Harry Jones Me baz=175,SNR=6.6	61.66 356	P	P	00 17 02.3 +0.5
N48A	Decatur baz=165	61.72 348	P	P	00 17 01.6 -0.6
L52A	Chesterland baz=169	61.75 351	P	P	00 17 02.5 +0.1
M59A	Walton baz=176,SNR=6.7	61.75 357	P	P	00 17 03.3 +0.9
BINY	Binghamton baz=174	61.82 356	P	P	00 17 03.7 +0.9
N47A	Urbana baz=164	61.87 347	P	P	00 17 02.8 -0.4
M50A	Fremont baz=173	61.88 350	P	P	00 17 03.1 -0.1
L56A	Greenwood baz=173	61.89 354	P	P	00 17 03.6 +0.3
L61B	Northampton baz=171	61.91 359	P	P	00 17 04.0 +0.6
HRV	Adam Dzielonski baz=179	61.95 359	P	P	00 17 03.8 +0.1
L53A	Girard baz=170,SNR=6.1	62.01 352	P	P	00 17 04.2 +0.1
L55A	Hinsdale baz=172	62.02 354	P	P	00 17 04.8 +0.6
M49A	Liberty Center baz=166	62.11 349	P	P	00 17 04.1 -0.6
ERPA	Erie baz=170,SNR=6.5	62.13 352	P	P	00 17 04.8 -0.1
ERPA	Erie baz=177	62.13 352	P	P	00 17 04.2 -0.7
K61A	Williamstown baz=171	62.15 358	P	P	00 17 05.2 +0.2
L54A	Sincclairville baz=171,SNR=9.6	62.17 353	P	P	00 17 05.5 +0.3
K59A	Cooperstown baz=176,SNR=8.3	62.32 357	P	P	00 17 06.8 +0.5
K58A	Carlisle baz=175	62.36 356	P	P	00 17 07.2 +0.8
K57A	Scipio Center baz=174	62.39 355	P	P	00 17 07.0 +0.3
K56A	Middlesex baz=173	62.42 355	P	P	00 17 07.4 +0.5
K54A	Basiliko Farm, baz=172,SNR=5.9	62.47 354	P	P	00 17 07.6 +0.5
K55A	Perry baz=172	62.52 354	P	P	00 17 07.9 +0.3
L49A	Milan baz=166	62.89 349	P	P	00 17 08.6 -0.1
J61A	Chester baz=178	62.81 359	P	P	00 17 10.2 +0.8
K52A	Tilkesburg baz=170	62.88 352	P	P	00 17 10.0 +0.2
K51A	Iona Station baz=169	62.93 351	P	P	00 17 10.3 +0.1
J56A	Wolcott baz=174	62.96 355	P	P	00 17 10.4 +0.1
J56A	Wolcott comp=Z,59nm,1.1s	62.96 355	P	IAMB	00 17 11.2
J59A	Piesco baz=176,SNR=7.0	62.99 357	P	P	00 17 11.1 +0.4
J59A	Piesco baz=177	62.99 357	P	P	00 17 11.0 +0.3
J57A	Williamstown baz=174,SNR=5.3	63.03 356	P	P	00 17 11.0 +0.2
J55A	Hilton baz=173	63.03 354	P	P	00 17 11.9 +0.1
J54A	Appleton baz=172	63.12 354	P	P	00 17 11.8 +0.4
K50A	Casco baz=168	63.15 350	P	P	00 17 11.7 +0.1
I58A	Old Forge baz=176,SNR=5.4	63.24 357	P	P	00 17 11.9 -0.5
I59A	Olmsteadville baz=177,SNR=5.8	63.30 358	P	P	00 17 13.0 +0.4
J52A	Paris baz=170,SNR=8.3	63.30 352	P	P	00 17 12.4 -0.3
I62A	Tamworth baz=179	63.32 360	P	P	00 17 13.7 +0.9
I60A	Shoreham baz=177	63.32 358	P	P	00 17 13.5 +0.7
I61A	Oroboro, Fairl baz=165	63.38 359	P	P	00 17 13.9 +0.7
NCB	Newcomb comp=Z,53nm,1.4s	63.48 357	IAMB	IAMB	00 17 14.5
I63A	Otisfield baz=180	63.49 0	P	P	00 17 14.5 +0.6
I57A	Carthage baz=175	63.53 356	P	P	00 17 14.3 +0.1
PECO	Prince Edward comp=Z,54nm,1.1s	63.62 355	IAMB	IAMB	00 17 16.4
LBNH	Lisbon baz=179	63.69 359	P	P	00 17 16.3 +1.0
LBNH	Lisbon baz=179	63.69 359	P	P	00 17 15.9 +0.6
J49A	Marlette baz=167	63.80 350	P	P	00 17 14.5 -1.5
J48A	Bridgette Port baz=166	63.85 350	P	P	00 17 15.3 -1.0
I51A	Listowel baz=169,SNR=5.3	63.92 352	P	P	00 17 16.3 -0.5
H58A	Gabriels baz=176,SNR=5.3	63.93 357	P	P	

2d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DGMT Dagmar, SCHO Schefferville, SVO Sivo, PAB Pab, TAM Tam, TAM Tam, CKA Yellowknife Arr, CLC Collim, NWAO Narrogin (SRO), ASAR Alice Springs, WSAR Wadi Sarin, WRA Warramunga Arr, BVAR Borovoye Array, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, KSH Kashi, KLR Kul'dur, USRK Ussuriysk Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, WNIQ Urumqi, SONM Sogingo Array, KSRs Korea Arr, GTA Gota, HHC Hu-ho-hao-te, LZH Lanzhou, LZH LZH, LZH LZH, NJ2 Nanjing, CD2 Chengdu, CMAR Chiang Mai Arr.

IDC 02 00:08:34.1,2,2,2,01:15:70.71W,h0km,mb4.8/2, mb1 4.9/2,mb1mx4.3/29,mbtmp4.8/2, Error ellipse: s-maj=106.2km s-min=52.4km az=178.0,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RCBR Riachuelo, YKA Yellowknife Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, SONM Sogingo Array, IDC 02 00:09:16.9,1,2,2,01:05:50.88W,h0km,mb4.7/3, mb1 5.0/5,mb1mx4.5/32,mbtmp4.8/5,ML5.0/2, Error ellipse: s-maj=53.5km s-min=24.2km az=50.0, ISC 02 00:09:18.2,0,8,20:26S:01:07:11W,0.1,h10km,n12, c#305/13,mb4.8/3,Off coast of northern Chile

IDC 02 00:10:33.1,7,5,20:56S:70:77W,h0km,mb4.3/1, mb1 4.7/1,mb1mx4.0/31,mbtmp4.3/1, Error ellipse: s-maj=409.7km s-min=146.1km az=35.0,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC Limon Verde, LPAZ La Paz, NNA Nana, SIV San Ignacio, TEIG Tepich, TXAR Lajitas Array, YKA Yellowknife Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, USRK Ussuriysk Arr, MJAR Matsushiro Arr, SONM Sogingo Array, IDC 02 00:11:18.1,2,0,19:25S:70:48W,h0km,mb4.7/2, mb1 4.8/3,mb1mx4.2/33,mbtmp4.8/3,ML4.7/1, Error ellipse: s-maj=80.5km s-min=39.4km az=62.0, NEIC 02 00:11:20.5,1,4,19:61S:01:04:70:93W,0.07,h22km,5km, mb5.1/15, Error ellipse: s-maj=9.7km s-min=6.0km az=69.0, ISC 02 00:11:20.5,0,1,19:62S:01:05:70:88W,0.09,h22km,n27, c#1500/25,mb5.0/6,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 456A Hilliard, BRAL Brewton, Y58A Scranton, T47A Sharon Grove, Z35A Perchaven, San, USIN University of, S44A Carbondale, SIUC Southern Illin, SMCO Snowmass, DBIC Dimbokro, DBIC Dimbokro, YKA Yellowknife Arr, MKAR Makanchi Array.

IDC 02 00:13:39.6,1,3,20:01S:70:76W,h0km,mb3.9/2, mb1 4.4/4,mb1mx4.1/36,mbtmp4.2/4,ML4.1/1, Error ellipse: s-maj=53.5km s-min=32.8km az=48.0, ISC 02 00:13:41.6,1,0,20:26S:01:09:70W,0.2,h10km,n9, c#281/10,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC Limon Verde, LPAZ La Paz, SIV San Ignacio, TXAR Warramunga Arr, YKA Yellowknife Arr, WRA Warramunga Arr, MKAR Makanchi Array, KLR Kul'dur, SONM Sogingo Array.

IDC 02 00:14:19.5,0,7,19:85S:70:91W,h0km,mb4.6/10, mb1 4.8/10,mb1mx4.5/32,mbtmp4.6/10, Error ellipse: s-maj=30.6km s-min=19.6km az=36.0, NEIC 02 00:14:20.9,1,6,19:96S:01:07:00W,0.05,h10km,1km, mb5.3/40, Error ellipse: s-maj=9.05km s-min=7.0km az=325.0, ISC 02 00:14:21.5,0,4,19:91S:01:05:71:02W,0.06,h10km,n82, c#1566/70,mb5.1/21,2D,Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSCGX Pisagua, PB11 IPOC Station P, PB12 IPOC Station P, MNMC Minye Minye, GOOI Chuzmisza, PBIF Brasilia, LVC Limon Verde, LVC Limon Verde, PB15 IPOC Station P, LPAZ La Paz, LPAZ La Paz, NNA Nana, SIV San Ignacio, PTGA Curarrehue, GO06 Pilinga, BDFB Brasilia, BDFB Brasilia, RCBR Riachuelo, TEIG Tepich, PMSA Palmer Station, 456A Hilliard, ZAIG Zacatecas, Y7SA Sumter, Z50A Zsoda, BIRD Birdtown, NATX Nacogdoches, NATX Nacogdoches, YKA Yellowknife Arr, V52A Seville, Y52A Double "B" Far, WLAR White Oak Lake, TXAR Lajitas Array, MIAR Mount Ida, MIAR Mount Ida, Z35A Perchaven, San, TUL1 Tullahoma, FVM French Village, T35A Sooner Centre, L59A Walton, WNY West Valley, N, SNAA Snaae, FRNY Flat Rock, DBIC Dimbokro, ISA Isabella, Lake, ISA Isabella, Lake, PDAR Pinedale Array, NVAR Mina Array, NVAR Mina Array, ULM Lac du Bonnet, IMW Indian Meadow, LAO Lasa Arr, GCMT Greycliff, DGMT Dagmar, SCHO Schefferville, SCHO Schefferville, PAHR Pah Rah Range, BRV Borovoye Array, ORO Blue Mountains, SYO Syowa Base, SYO Syowa Base, FFC Film Fun, H04A Detroit Lake, H04A Longmire, CART Cartagena, YKA Yellowknife Arr, YWZ Tuamarina, KBZ Khabaz, SEY Seymchan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARU Arti, AKTO Aktuybinsk, AKSA Alice Springs, ABKAR Akbulak array, WRA Warramunga Arr, BVAR Borovoye Array, KURBB Kurchatov Arr, KURBB Kurchatov Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KLR Kul'dur, USRK Ussuriysk Arr, USRK Ussuriysk Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, SONM Sogingo Array, SONM Sogingo Array, SONM Sogingo Array.

IDC 02 00:17:52.3,2,1,19:70S:70:86W,h0km,mb4.1/1, mb1 4.4/1,mb1mx3.8/33,mbtmp4.1/1, Error ellipse: s-maj=158.5km s-min=95.6km az=92.0,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YKA Yellowknife Arr, ASAR Alice Springs, MKAR Makanchi Array, PSCGX Pisagua, PB11 IPOC Station P, PB12 IPOC Station P, MNMC Minye Minye, GOOI Chuzmisza, PBIF Brasilia, LVC Limon Verde, LVC Limon Verde, PB15 IPOC Station P, LPAZ La Paz, LPAZ La Paz, NNA Nana, SIV San Ignacio, PTGA Curarrehue, GO06 Pilinga, BDFB Brasilia, BDFB Brasilia, RCBR Riachuelo, TEIG Tepich, PMSA Palmer Station, 456A Hilliard, ZAIG Zacatecas, Y7SA Sumter, Z50A Zsoda, BIRD Birdtown, NATX Nacogdoches, NATX Nacogdoches, YKA Yellowknife Arr, V52A Seville, Y52A Double "B" Far, WLAR White Oak Lake, TXAR Lajitas Array, MIAR Mount Ida, MIAR Mount Ida, Z35A Perchaven, San, TUL1 Tullahoma, FVM French Village, T35A Sooner Centre, L59A Walton, WNY West Valley, N, SNAA Snaae, FRNY Flat Rock, DBIC Dimbokro, ISA Isabella, Lake, ISA Isabella, Lake, PDAR Pinedale Array, NVAR Mina Array, NVAR Mina Array, ULM Lac du Bonnet, IMW Indian Meadow, LAO Lasa Arr, GCMT Greycliff, DGMT Dagmar, SCHO Schefferville, SCHO Schefferville, PAHR Pah Rah Range, BRV Borovoye Array, ORO Blue Mountains, SYO Syowa Base, SYO Syowa Base, FFC Film Fun, H04A Detroit Lake, H04A Longmire, CART Cartagena, YKA Yellowknife Arr, YWZ Tuamarina, KBZ Khabaz, SEY Seymchan.

IDC 02 00:18:48.5,0,8,19:97S:70:90W,h0km,mb4.6/5, mb1 4.7/7,mb1mx4.3/33,mbtmp4.7/7,ML4.8/2, Error ellipse: s-maj=34.0km s-min=21.7km az=40.0, NEIC 02 00:18:51.5,1,6,19:92S:01:04:70W,0.04,h17km,3km, mb5.1/7, Error ellipse: s-maj=7.1km s-min=4.8km az=137.0, ISC 02 00:18:51.2,0,6,19:91S:01:05:70:72W,0.07,h10km,n42, c#170/37,mb4.8/6,1D,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSCGX Pisagua, PB11 IPOC Station P, PB12 IPOC Station P, MNMC Minye Minye, GOOI Chuzmisza, PBIF Brasilia, LVC Limon Verde, LVC Limon Verde, PB15 IPOC Station P, LPAZ La Paz, LPAZ La Paz, NNA Nana, SIV San Ignacio, PTGA Curarrehue, GO06 Pilinga, BDFB Brasilia, BDFB Brasilia, RCBR Riachuelo, TEIG Tepich, PMSA Palmer Station, 456A Hilliard, ZAIG Zacatecas, Y7SA Sumter, Z50A Zsoda, BIRD Birdtown, NATX Nacogdoches, NATX Nacogdoches, YKA Yellowknife Arr, V52A Seville, Y52A Double "B" Far, WLAR White Oak Lake, TXAR Lajitas Array, MIAR Mount Ida, MIAR Mount Ida, Z35A Perchaven, San, TUL1 Tullahoma, FVM French Village, T35A Sooner Centre, L59A Walton, WNY West Valley, N, SNAA Snaae, FRNY Flat Rock, DBIC Dimbokro, ISA Isabella, Lake, ISA Isabella, Lake, PDAR Pinedale Array, NVAR Mina Array, NVAR Mina Array, ULM Lac du Bonnet, IMW Indian Meadow, LAO Lasa Arr, GCMT Greycliff, DGMT Dagmar, SCHO Schefferville, SCHO Schefferville, PAHR Pah Rah Range, BRV Borovoye Array, ORO Blue Mountains, SYO Syowa Base, SYO Syowa Base, FFC Film Fun, H04A Detroit Lake, H04A Longmire, CART Cartagena, YKA Yellowknife Arr, YWZ Tuamarina, KBZ Khabaz, SEY Seymchan.

IDC 02 00:20:58.1,0,9,19:93S:70:76W,h0km,mb4.2/7, mb1 4.4/9,mb1mx4.2/32,mbtmp4.3/9,ML4.5/2, Error ellipse: s-maj=26.8km s-min=16.9km az=48.0, GUC 02 00:21:02.0,6,0,8,20:06S:71:02W,h2km,10km,ML5.1, NEIC 02 00:21:08.0,2,2,19:61S:01:02:70W,0.05,h29km,4km, mb4.9/15,ML5.2(GUC), Error ellipse: s-maj=7.3km s-min=1.3km az=114.0, ISC 02 00:21:03.5,1,1,19:94S:01:02:70:44W,0.04,h18km,6km, n91,c#193/91,mb4.7/13,2D,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB11 IPOC Station P, MNMC Minye Minye, GO01 Chuzimia, etc.

2014 APR

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PSCX Pisagua, PB11 IPOC Station P, PB08 IPOC Station P, etc.

2d 0h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Y55A Saluda, X60A Albert Glenn T, X59A McDuffie Farm, etc.

O49A	Aurora	60.10 347	P	P	00 34 53.9 +0.8
O59A	Robesonia	60.13 355	P	P	00 34 54.2 +0.8
O57A	Amberson	60.16 354	P	P	00 34 54.7 +1.1
O56A	Blue Knob Stat	60.32 353	P	P	00 34 55.9 +1.2
O55A	Ligonier	60.34 352	P	P	00 34 56.1 +1.2
TUL1	Leonard	60.38 337	P	P	00 34 55.9 +0.7
N61A	South Mountain	60.45 357	P	P	00 34 56.8 +1.3
SSPA	Standing Stone	60.61 354	P	P	00 34 57.8 +1.2
P48A	Milroy	60.65 347	P	P	00 34 56.5 -0.4
N57A	Milroy	60.69 354	P	P	00 34 58.0 +0.8
N58A	Sunbury	60.70 355	P	P	00 34 58.3 +1.1
N59A	State Game Lan	60.70 356	P	P	00 34 58.7 +1.5
O51A	Pataksala	60.77 350	P	P	00 34 59.2 +1.4
N55A	Marion Center	60.87 353	P	P	00 34 59.2 +0.8
ACSO	Alum Creek Sta	60.92 349	P	P	00 34 58.4 -0.3
N56A	West Decatur	60.93 353	P	P	00 34 59.8 +1.0
MNTX	Cornudas Mount	61.14 326	P	P	00 34 59.9 -0.5
N54A	Moraine State	61.17 352	P	P	00 35 01.5 +1.0
M58A	Price's Panora	61.21 355	P	P	00 35 02.2 +1.5
M57A	Sunshine Farm,	61.23 355	P	P	00 35 01.4 +0.6
M59A	Waymart	61.30 356	P	P	00 35 01.9 +0.6
L63A	North Scituate	61.47 359	P	P	00 35 03.5 +1.1
M56A	Emporium	61.48 354	P	P	00 35 04.4 +1.9
M55A	Ridgway	61.53 353	P	P	00 35 03.4 +0.6
M54A	Oil Creek Stat	61.67 352	P	P	00 35 04.8 +1.0
L60A	Shokan	61.68 357	P	P	00 35 04.9 +1.1
N49A	Columbus Grove	61.80 348	P	P	00 35 06.1 +1.5
L58A	Harry Jones Me	61.83 356	P	P	00 35 06.4 +1.5
L57A	Andrews Acres	61.86 355	P	P	00 35 06.6 +1.5
SFIN	Lafayette	61.89 346	P	P	00 35 04.9 -0.4
L59A	Walton	61.92 356	P	P	00 35 07.9 +2.3
M52A	Chesterland	61.93 351	P	P	00 35 06.6 +1.0
BINY	Binghamton	61.99 356	P	P	00 35 07.5 +1.5
L56A	Greenwood	62.06 354	P	P	00 35 07.9 +1.4
M50A	Fremont	62.07 350	P	P	00 35 06.6 +0.1
HRV	Adam Dzewonsk	62.12 359	P	P	00 35 07.8 +1.1
VNA3	Neumayer Olymp	62.12 161	P	P	00 35 08.8 +2.3
L53A	Girard	62.19 352	P	P	00 35 07.4 +0.1
L55A	Hinsdale	62.20 354	P	P	00 35 07.9 +0.6
ERPA	Erie	62.31 352	P	P	00 35 09.1 +1.0
ERPA	Erie	62.31 352	P	P	00 35 07.4 -0.7
K61A	Williamstown	62.32 358	P	P	00 35 07.8 -0.3
VNA1	Neumayer-Stat	62.34 161	P	P	00 35 09.3 +1.3
L54A	Sinclairville	62.35 353	P	P	00 35 09.3 +0.9
K59A	Cooperstown	62.49 357	P	P	00 35 10.5 +1.2
K58A	Earlville	62.53 356	P	P	00 35 10.6 +1.0
K57A	Scipio Center	62.56 355	P	P	00 35 09.9 +0.2
K56A	Middlesex	62.60 355	P	P	00 35 11.1 +1.0
K54A	Basillio Farm,	62.65 353	P	P	00 35 11.4 +1.0
K55A	Perry	62.70 354	P	P	00 35 12.2 +1.5
VNA2	Neumayer-Watz	62.70 161	P	P	00 35 12.5 +2.1
J60A	Lant Hill Farm	62.90 358	P	P	00 35 13.0 +1.1
J61A	Chester	62.97 359	P	P	00 35 14.4 +2.0
319A	Douglas	63.00 323	P	Iamb	00 35 13.0 0.0
319A	comp=Z,19nm,0.9s				00 35 21.7
121A	Cookes Peak, D	63.06 325	P	P	00 35 14.1 +0.6
J58A	Reimsen	63.10 356	P	P	00 35 14.4 +1.1
J56A	Wolcott	63.13 355	P	P	00 35 15.0 +1.6
J59A	Plesco	63.16 357	P	P	00 35 14.7 +0.9
J57A	Williamstown	63.20 356	P	P	00 35 15.0 +1.1
J55A	Hilton	63.21 354	P	P	00 35 16.0 +2.0
J54A	Appleton	63.30 354	P	P	00 35 15.7 +1.1
I58A	Old Forge	63.41 357	P	P	00 35 16.0 +0.6
I59A	Olmsteadville	63.47 357	P	P	00 35 16.4 +0.6
J52A	Paris	63.48 352	P	P	00 35 16.4 +0.6
I60A	Shoreham	63.49 358	P	P	00 35 18.8 +2.9
I61A	Ororobo, Fairl	63.55 359	P	P	00 35 18.7 +2.4
I57A	Carthage	63.70 356	P	P	00 35 18.8 +1.5
PECO	Prince Edward	63.80 355	P	P	00 35 17.8 0.0
LBNH	Lisbon	63.85 359	P	P	00 35 18.5 +0.2
LBNH	comp=Z,81nm,1.2s				00 35 20.3 +2.0
LBNH	Lisbon	63.85 359	P	P	00 35 18.5 +0.2
J48A	Bridge Port	64.04 349	P	P	00 35 18.3 -1.2
H58A	Gabriels	64.10 357	P	P	00 35 21.0 +1.1
I51A	Listowel	64.11 352	P	P	00 35 20.6 +0.6
I55A	Frankford	64.14 354	P	P	00 35 20.7 +0.6
H61A	Lyndonville	64.15 359	P	P	00 35 21.3 +1.1
J47A	Summer	64.17 349	P	P	00 35 20.5 +0.1
H60A	Morristown	64.19 358	P	P	00 35 22.0 +1.5
H57A	Richville	64.21 356	P	P	00 35 21.2 +0.7
ANMO	Albuquerque	64.25 328	i	P	00 35 18.7 -2.7
H63A	New Sharon	64.27 1	P	P	00 35 22.1 +1.1
H59A	Cadyville	64.31 358	P	P	00 35 22.8 +1.5
LONY	Lake Ozonia	64.32 357	P	P	00 35 21.7 +0.4
SNA4	Sanae	64.33 161	P	P	00 35 21.4 +0.2
SNA4	comp=Z,64nm,1.3s				00 35 21.4 +0.2

H56A	Elgin	64.39 356	P	P	00 35 23.4 +1.6
H55A	Tweed	64.42 355	P	P	00 35 23.6 +1.6
TUC	Tucopon Spring	64.55 323	P	P	00 35 24.3 +1.1
H53A	Bobcaygeon	64.58 354	P	P	00 35 23.3 +0.3
G60A	Masonville	64.72 359	P	P	00 35 26.4 +2.4
G59A	Clarenceville	64.72 358	P	P	00 35 25.9 +2.0
H52A	Wyevale	64.79 353	P	P	00 35 25.5 +1.1
G62A	West of Eustis	64.82 0	P	P	00 35 25.8 +1.2
G62A	West of Eustis	64.82 0	P	P	00 35 23.4 -1.2
G57A	Newington	64.82 357	P	P	00 35 25.3 +0.7
G58A	Ormstown	64.82 357	P	P	00 35 26.2 +1.6
G65A	Princeton	64.87 2	P	P	00 35 27.3 +2.5
G64A	Maxfield	64.88 2	P	P	00 35 26.1 +1.1
PKMC	Peaks-Kenny Pk	64.88 1	P	P	00 35 26.5 +1.6
I48A	Sherman Twp	64.89 350	P	P	00 35 24.3 -0.7
G61A	St-Isidore-de-	64.89 359	P	P	00 35 25.7 +0.6
SCIA	Star Center	64.94 342	P	P	00 35 25.9 +0.4
JFWS	Jewell Farm	65.05 344	P	P	00 35 26.7 +0.5
G55A	Calabogie	65.08 355	P	P	00 35 27.9 +1.5
G53A	Haliburton	65.12 354	P	P	00 35 27.0 +0.4
G54A	Lake Saint Pet	65.34 354	P	P	00 35 29.1 +1.1
214A	Organ Pipe Nat	65.46 321	P	P	00 35 30.2 +1.1
F64A	Sherman	65.50 2	P	P	00 35 30.6 +1.6
F61A	St Evariste	65.58 360	P	P	00 35 31.5 +2.0
F60A	Warwick	65.58 359	P	P	00 35 31.1 +1.6
F52A	Sandridge	65.86 353	P	P	00 35 31.5 +0.2
ALGO	Algonquin Park	65.89 354	P	P	00 35 31.7 +0.2
E58A	La Victoria	66.02 358	P	P	00 35 32.5 +0.2
SDCO	Great Sand Dun	66.03 330	P	P	00 35 33.4 +0.4
SDCO	Great Sand Dun	66.03 330	Iamb	Iamb	00 35 48.9
E61A	Lac Etchemin	66.03 0	P	P	00 35 34.4 +2.0
F51A	Arnstein	66.06 353	P	P	00 35 33.7 +1.1
I40A	Norwalk	66.06 344	Iamb	Iamb	00 35 35.9
W18A	Petrified Fore	66.08 326	P	P	00 35 34.3 +1.1
E57A	Chemin Saint G	66.09 357	P	P	00 35 32.1 -0.7
BGNE	Belgrade	66.10 338	P	P	00 35 33.8 +0.8
BGNE	Belgrade	66.10 338	P	P	00 35 32.9 -0.1
F49A	Sandfield	66.17 351	P	P	00 35 33.5 +0.2
E55A	Montcerf-Lytto	66.23 356	P	P	00 35 33.5 -0.2
E56A	St. Veronique	66.26 357	P	P	00 35 34.5 +0.7
E52A	Mattawa	66.28 354	P	P	00 35 34.6 +0.6
E53A	Dumoine, Ponti	66.28 355	P	P	00 35 34.7 +0.6
E54A	Lac Daplat, Po	66.30 355	P	P	00 35 34.8 +0.6
F48A	Evansville	66.32 351	P	P	00 35 33.5 -0.7
E51A	G1948 Merrick	66.61 353	P	P	00 35 37.2 +1.1
D57A	Chemin Vers le	66.68 358	P	P	00 35 37.2 +0.6
D62A	Allappont, All	66.70 1	P	P	00 35 38.2 +1.6
D58A	Chemin du LacG	66.73 358	P	P	00 35 37.6 +0.8
D56A	ZEC Mazanza, M	66.75 357	P	P	00 35 36.3 -0.7
D55A	Sainte-Anne-du	66.76 356	P	P	00 35 36.4 -0.7
D61A	St Aubert, Com	66.81 0	P	P	00 35 38.0 +0.7
Q24A	Divide	66.86 331	P	P	00 35 39.4 +1.1
D54A	Lac Fusel, La	66.97 356	P	P	00 35 38.6 +0.2
D53A	Lac Vacive, Po	66.98 355	P	P	00 35 39.5 +1.1
LA7Q	La Tuque	67.01 358	P	P	00 35 39.8 +1.1
E47A	Iron Bridge	67.03 351	P	P	00 35 38.9 +0.2
D51A	Lot 18 Range I	67.15 354	P	P	00 35 39.7 +0.2
D50A	G1974 Best Tow	67.27 353	P	P	00 35 40.5 +0.2
ISCO	Idaho Springs	67.74 332	P	P	00 35 43.6 -0.3
ISCO	comp=Z,4.0nm,0.9s				00 35 45.4 +1.6
ISCO	Idaho Springs	67.74 332	P	P	00 35 43.6 -0.3
SPMN	Marine on Sts	67.78 343	P	P	00 35 43.3 -0.8
BC3	Big Chuckwall	68.23 321	P	P	00 35 47.8 +1.0
MONP2	Monument Peak	68.28 320	P	P	00 35 48.6 +1.2
IRM	Iron Mountain	68.40 321	P	P	00 35 48.4 +0.6
XPFO	Pion Flat	68.80 320	P	Iamb	00 35 49.8 -0.7
XPFO	comp=Z,15nm,1.1s				00 36 03.3
PFO	Pinyon Flats O	68.80 320	P	P	00 35 51.1 +0.7
PFO	comp=Z,20nm,1.2s				00 35 51.8 +1.4
PFO	Pinyon Flats O	68.80 320	P	Iamb	00 35 51.1 +0.7
NVL	N'Azarevskaya	68.91 159	eP	P	00 35 51.4 +1.0
GMRC	Granite Mounta	69.14 322	P	P	00 35 53.1 +0.5
O20A	White River Ci	69.22 330	P	P	00 35 53.3 +0.3
CCUT	Cedar City	69.84 325	P	P	00 35 56.6 -0.3
DRLN	Deer Lake	69.86 9	P	P	00 35 57.0 +0.6
DBIC	Dimbokro	69.95 75	P	P	00 35 52.6 -5.2
DBIC	Dimbokro	69.95 75	P	P	00 35 58.8 +1.0
DBIC	Dimbokro	69.95 75	P	P	00 35 56.9 -0.9
DBIC	comp=Z,9.0nm,0.9s				00 35 56.9 -0.9
BFSC	Mount Baldy Ra	69.95 320	P	P	00 35 58.0 +0.5
GSC	Goldstone, Bar	70.18 321	P	P	00 35 59.9 +1.0
MWC	Mount Wilson	70.19 320	P	P	00 35 58.6 -0.5
MWC	comp=Z,45nm,1.5s				00 35 58.6 -0.5
MWC	Mount Wilson	70.19 320	Iamb	Iamb	00 35 58.6 -0.5
QSPA	South Pole Qui	70.26 180	P	P	00 35 58.7 -0.3
EDW2	Edwards Air Fo	70.60 320	P	P	00 36 01.5 +0.1

TPNV	Topopah Spring	71.00 323	P	P	00 36 04.4 +0.4
TPNV	comp=Z,15nm,0.9s				00 36 04.0 +0.1
TPNV	Topopah Spring	71.00 323	P	P	00 36 04.4 +0.4
TPNV	Topopah Spring	71.00 323	P	Iamb	00 36 11.0
FURC	Furnace Creek,	71.02 322	P	P	00 36 04.1 +0.3
MPMC	Manual Prospect	71.10 321	P	P	00 36 05.0 +0.4
ISA	Isabella, Lake	71.41 321	P	P	00 36 06.7 +0.4
ISA	comp=Z,24nm,1.2s				00 36 06.5 +0.1
ISA	Isabella, Lake	71.41 321	P	P	00 36 06.7 +0.4
ISA	Isabella, Lake	71.41 321	P	Iamb	00 36 18.5
DUG	Dugway, Tootle	71.50 327	P	P	00 36 08.0 +1.2
AGMN	Agassiz Nation	71.53 343	P	P	00 36 05.8 -0.9
AGMN	Agassiz Nation	71.53 343	P	Iamb	00 36 06.1 -0.6
AGMN	comp=Z,19nm,1.1s				00 36 09.6 +1.9
R11A	Troy Canyon, C	71.62 324	Iamb	Iamb	00 36 14.6
R11A	Troy Canyon, C	71.62 324	Iamb	Iamb	00 36 08.7 +0.5
CWC	Cottonwood Cre	71.71 321	P	P	00 36 09.3 0.0
PDAR	Pinedale Army	71.90 331	P	P	00 36 09.4 +0.2
VES	Vestal, Richgr	71.90 320	P	P	00 36 11.5 +1.0
SMMC	Simmler	72.10 319	P	P	00 36 11.9 +0.8
MNDN					

558A	Poland Farm, P baz=172,SNR=6.1	57.90 353	P	P	00 43 37.3	0.0	P51A	Williamsport baz=167	60.46 349	P	P	00 43 54.2	-0.9	HD1L	Hopedale Middlesex	62.85 344	P	P	00 44 09.6	-1.6
558B	Poland Farm, P comp=Z,35nm,1.3s	57.90 353	Iamb	Iamb	00 43 38.9		O56A	Blue Knob Stat baz=172,SNR=17	60.58 353	P	P	00 43 56.2	+0.3	K54A	Basile Farm, baz=172,SNR=7.5	62.91 353	P	P	00 44 11.9	+0.4
T53A	Wise baz=167	57.94 349	P	P	00 43 37.3	-0.4	O55A	Ligonier baz=171,SNR=10	60.61 352	P	P	00 43 55.9	-0.2	K55A	Perry baz=172,SNR=5.7	62.96 354	P	P	00 44 12.3	+0.4
Z38A	Mt. Pleasant comp=Z,40nm,1.0s	57.98 336	Iamb	Iamb	00 43 54.2		TUL1	Leonard baz=183,SNR=7.5	60.63 337	P	P	00 43 55.9	-0.4	L48A	N Adams baz=166	63.10 349	P	P	00 44 12.0	-0.8
S56A	Natural Bridge baz=170,SNR=5.4	58.15 352	P	P	00 43 38.9	-0.2	TUL1	Leonard comp=Z,46nm,1.1s	60.63 337	Iamb	Iamb	00 43 58.0		L49A	Milan baz=177	63.14 349	P	P	00 44 12.7	-0.3
S57A	Dark Hollow, R baz=171,SNR=7.1	58.15 352	P	P	00 43 39.3	+0.2	N61A	South Mountain baz=176	60.71 357	P	P	00 43 56.5	-0.2	J60A	Lant Hill Farm baz=166	63.16 358	P	P	00 44 13.8	+0.7
S57A	Dark Hollow, R comp=Z,54nm,1.0s	58.15 352	Iamb	Iamb	00 43 40.8		O54A	Avella baz=170	60.72 352	P	P	00 43 56.4	-0.4	P38A	Dawn comp=Z,16nm,0.8s	63.20 340	Iamb	Iamb	00 44 24.9	
T51A	Gray baz=165,SNR=6.1	58.20 348	P	P	00 43 38.9	-0.5	O54A	Avella comp=Z,20nm,0.8s	60.72 352	Iamb	Iamb	00 44 11.3		J61A	Chester baz=178	63.23 358	P	P	00 44 14.6	+1.0
R58B	Mineral baz=172,SNR=8.5	58.22 353	P	P	00 43 39.7	+0.1	P50A	Jamestown baz=166,SNR=5.3	60.72 348	P	P	00 43 55.8	-1.0	121A	Cookes Peak, D baz=141	63.29 325	P	P	00 44 14.5	0.0
WVW	Waverly comp=Z,36nm,1.1s	58.30 344	P	P	00 43 38.6	-1.6	P49A	Miami Univ. Ec baz=165,SNR=5.2	60.83 348	P	P	00 43 56.5	-1.0	J56A	Wolcott baz=174	63.39 355	P	P	00 44 14.8	+0.1
WVW	Waverly baz=161	58.30 344	P	P	00 43 39.3	-0.9	SSPA	Standing Stone baz=172	60.87 354	P	P	00 43 58.2	+0.4	J59A	Wolcott baz=176,SNR=7.4	63.42 357	P	P	00 44 15.5	+0.5
WVW	Waverly baz=161	58.30 344	P	P	00 43 38.6	-1.6	SSPA	Standing Stone comp=Z,56nm,1.2s	60.87 354	Iamb	Iamb	00 43 59.7		J57A	Williamstown baz=174,SNR=5.6	63.46 356	P	P	00 44 15.5	+0.3
WVW	Waverly comp=Z,36nm,1.1s	58.30 344	P	P	00 43 39.3	-0.9	O52A	Adamsville baz=172	60.87 350	P	P	00 43 57.7	-0.2	J57A	Williamstown baz=177,SNR=5.1	63.46 356	Iamb	Iamb	00 44 17.1	
S55A	Lewisburg baz=169,SNR=5.5	58.38 351	P	P	00 43 40.8	+0.1	P48A	Milroy baz=164	60.91 347	P	P	00 43 56.7	-1.4	I58A	Old Forge baz=176	63.67 357	P	P	00 44 16.8	+0.2
UALR	University of comp=Z,53nm,1.4s	58.40 339	Iamb	Iamb	00 43 55.0		PAL	Palisades baz=164	60.94 357	P	P	00 43 58.3	0.0	I59A	Olmsteadville baz=177,SNR=5.3	63.72 357	P	P	00 44 17.4	+0.5
T50A	Nancy baz=164	58.43 347	P	P	00 43 40.4	-0.7	N57A	Milroy baz=173,SNR=8.0	60.95 354	P	P	00 43 58.4	0.0	I62A	Tamworth baz=179	63.74 359	P	P	00 44 17.6	+0.7
S54A	Dingess, Beckl baz=168	58.53 350	P	P	00 43 41.1	-0.7	N58A	Sunbury baz=174,SNR=7.6	60.96 355	P	P	00 43 58.5	+0.1	J52A	Paris baz=170,SNR=7.5	63.74 352	P	P	00 44 17.4	+0.4
S54A	Dingess, Beckl comp=Z,33nm,0.9s	58.53 350	Iamb	Iamb	00 43 55.2		N59A	State Game Lan baz=175	60.96 356	P	P	00 43 58.6	+0.2	I60A	Shoreham baz=177,SNR=5.1	63.75 358	P	P	00 44 17.7	+0.7
S53A	Williamson baz=167	58.55 349	P	P	00 43 41.4	-0.5	O51A	Pataskala baz=167	61.03 350	P	P	00 43 58.7	-0.2	I61A	Oroboro, Fairl baz=178,SNR=6.1	63.81 359	P	P	00 44 18.1	+0.7
R58A	Raplan baz=172,SNR=6.5	58.57 353	P	P	00 43 42.1	+0.1	ODNJ	Ogdenburg comp=Z,42nm,1.4s	61.05 357	Iamb	Iamb	00 44 00.6		K48A	Perry baz=166,SNR=5.8	63.88 349	P	P	00 44 17.1	-0.8
TXAR	Lajitas Array comp=Z,6.4nm,1.0s,baz=143,slow=11,SNR=8.3	58.60 326	P	P	00 43 42.6	+0.1	CCM	Cathedral Cave CCM	61.06 342	P	P	00 43 59.0	-0.2	K47A	Vermontville baz=165	63.91 348	P	P	00 44 17.7	-0.4
MIAR	Mount Ida baz=155,SNR=6.5	58.61 338	P	P	00 43 42.4	0.0	CCM	Cathedral Cave baz=158	61.06 342	P	P	00 43 59.3	+0.1	I63A	Otisfield baz=180	63.91 0	P	P	00 44 18.2	+0.1
MIAR	Mount Ida comp=Z,30nm,0.9s	58.61 338	Iamb	Iamb	00 43 54.4		CCM	Cathedral Cave CCM	61.06 342	P	P	00 43 59.0	-0.2	NCB	Newcomb comp=Z,47nm,1.4s	63.91 357	Iamb	Iamb	00 44 19.8	
R57A	Stanardsville baz=171,SNR=11	58.63 353	P	P	00 43 42.8	+0.4	CCM	Cathedral Cave CCM	61.06 342	P	P	00 44 00.9		R32A	Long Quarter, comp=Z,35nm,1.1s	63.95 336	Iamb	Iamb	00 44 19.9	
T49A	Edmonton baz=164,SNR=7.0	58.67 346	P	P	00 43 42.6	-0.2	N55A	Marion Center baz=171,SNR=12	61.13 353	P	P	00 43 59.7	0.0	I57A	Carthage baz=175	63.96 356	P	P	00 44 18.7	+0.2
W41B	Gary Mavity, V baz=156	58.73 339	P	P	00 43 42.6	-0.5	ACSO	Alum Creek Sta baz=167,SNR=9.7	61.18 349	P	P	00 43 59.4	-0.5	PECO	Prince Edward comp=Z,42nm,1.1s	64.06 355	Iamb	Iamb	00 44 35.1	
S51A	Beattyville baz=166	58.78 348	P	P	00 43 43.5	0.0	N56A	West Decatur baz=172,SNR=9.9	61.19 353	P	P	00 44 00.3	+0.3	SNA4	Sanae comp=Z,21nm,1.2s,baz=314,slow=3.8,SNR=6.5	64.07 161	P	P	00 44 19.5	+0.5
R55A	Marlinton baz=170	58.82 351	P	P	00 43 44.4	+0.5	O50A	Cable baz=166	61.21 349	P	P	00 44 00.0	-0.1	SNA4	Sanae comp=Z,37nm,1.2s	64.07 161	P	P	00 44 19.5	+0.5
R55A	Marlinton comp=Z,35nm,1.1s	58.82 351	Iamb	Iamb	00 43 59.5		Q44A	Meyer Farm, Va comp=Z,43nm,1.0s	61.23 344	Iamb	Iamb	00 44 00.2		SNA4	Sanae comp=Z,37nm,1.2s	64.07 161	P	P	00 44 33.4	
WHAR	Woolly Hollow comp=Z,35nm,1.1s	58.85 339	Iamb	Iamb	00 43 57.9		M63A	Gales Ferry baz=179	61.28 359	P	P	00 44 00.9	+0.4	SNA4	Sanae comp=Z,37nm,1.2s	64.07 161	Iamb	Iamb	00 44 33.4	
S50A	Richmond baz=165,SNR=6.2	58.98 347	P	P	00 43 44.5	-0.4	M60A	Port Jervis baz=169	61.30 357	P	P	00 44 00.6	-0.1	LBNH	Lisbon baz=179,SNR=5.7	64.11 359	P	P	00 44 20.1	+0.7
R53A	Hurricane baz=168	59.15 350	P	P	00 43 46.1	0.0	MNTX	Cornudas Mount baz=143	61.37 326	P	P	00 44 00.4	-1.0	J49A	Mariette baz=167	64.25 350	P	P	00 44 19.6	-0.7
Q58A	Fox Den Farm, baz=172,SNR=6.0	59.17 354	P	P	00 43 46.6	+0.4	MNTX	Cornudas Mount O49A	61.37 326	P	P	00 44 01.2	-0.3	J48A	Bridge Port baz=169	64.30 349	P	P	00 44 19.9	-0.7
LCAR	Lake Charles comp=Z,29nm,1.2s	59.20 341	P	P	00 43 45.6	-0.8	O49A	Covington baz=165	61.38 348	P	P	00 44 00.5	-0.8	H58A	Gabriels baz=176,SNR=5.5	64.36 357	P	P	00 44 21.5	+0.4
LCAR	Lake Charles comp=Z,29nm,1.2s	59.20 341	Iamb	Iamb	00 43 59.9		O49A	Covington comp=Z,29nm,1.1s	61.38 348	Iamb	Iamb	00 44 01.5		I51A	Listowel baz=169	64.37 352	P	P	00 44 20.8	-0.3
S49A	Springfield baz=164	59.27 347	P	P	00 43 45.5	-1.4	N53A	Lisbon baz=169	61.40 351	P	P	00 44 01.3	-0.1	I55A	Frankford baz=173,SNR=5.9	64.40 354	P	P	00 44 21.4	+0.1
W39A	Magazine baz=155,SNR=8.6	59.27 338	P	P	00 43 47.3	+0.3	N54A	Moraine State baz=170,SNR=7.7	61.44 352	P	P	00 44 02.2	+0.5	H61A	Lyndonville baz=179	64.41 359	P	P	00 44 22.6	+1.2
W39A	Magazine comp=Z,39nm,1.1s	59.27 338	Iamb	Iamb	00 43 48.3		M58A	Price's Panora baz=174,SNR=7.1	61.47 355	P	P	00 44 02.3	+0.4	J47A	Sumner baz=165	64.43 349	P	P	00 44 21.1	-0.4
R52A	Cattlettsburg baz=167	59.28 349	P	P	00 43 46.1	-0.8	M57A	Sunshine Farm, baz=173	61.49 354	P	P	00 44 02.1	+0.1	J47A	Sumner comp=Z,35nm,0.9s	64.43 349	Iamb	Iamb	00 44 37.5	
Q57A	Strasburg baz=172,SNR=12	59.34 353	P	P	00 43 48.1	+0.7	N52A	McGinn's Farm, baz=168	61.53 351	P	P	00 44 02.1	-0.2	H57A	Richville comp=Z,35nm,0.9s	64.47 356	P	P	00 44 22.2	+0.5
ABTX	Ablene, Hawle baz=148	59.36 332	P	P	00 43 47.8	+0.2	M59A	Wheat baz=175,SNR=9.3	61.56 356	P	P	00 44 03.3	+0.7	ANMO	Albuquerque comp=Z,30nm,1.0s	64.49 328	i P	P	00 44 23.1	+0.7
ABTX	Ablene, Hawle comp=Z,35nm,1.1s	59.36 332	Iamb	Iamb	00 44 02.2		KSPA	Keystone Colle comp=Z,48nm,1.3s	61.60 356	Iamb	Iamb	00 44 04.7		ANMO	Albuquerque comp=Z,30nm,1.0s	64.49 328	P	P	00 44 23.1	+0.7
R51A	Hillsboro baz=165,SNR=5.0	59.41 348	P	P	00 43 47.6	-0.2	O48A	Farmland baz=165	61.62 347	P	P	00 44 02.1	-0.8	H64A	Troy baz=182	64.52 1	P	P	00 44 23.1	+1.0
Q56A	Snyder Ridge, baz=171,SNR=12	59.44 352	P	P	00 43 48.4	+0.4	KSC2	Kent School, K comp=Z,38nm,1.2s	61.64 358	Iamb	Iamb	00 44 04.7		H63A	New Sharon baz=181	64.53 1	P	P	00 44 23.1	+1.1
Q55A	Buckhannon baz=170	59.52 352	P	P	00 43 48.6	0.0	L63A	North Scituate baz=169	61.73 359	P	P	00 44 03.5	-0.1	H59A	Cadyville baz=177,SNR=7.5	64.56 358	P	P	00 44 22.7	+0.3
R50A	Paris baz=165	59.54 348	P	P	00 43 48.2	-0.6	N50A	Nevada baz=167	61.73 349	P	P	00 44 03.2	-0.4	LONY	Lake Ozonia baz=176,SNR=5.3	64.58 357	P	P	00 44 23.3	+0.8
R50A	Paris comp=Z,32nm,1.2s	59.54 348	Iamb	Iamb	00 43 49.4		M56A	Emporium baz=172,SNR=8.5	61.74 354	P	P	00 44 03.9	+0.2	H56A	Elgin baz=174	64.66 356	P	P	00 44 23.5	+0.6
Q53A	Leroy baz=168	59.60 350	P	P	00 43 48.7	-0.4	N51A	Ashland baz=168	61.74 350	P	P	00 44 03.2	-0.5	H55A	Frankford baz=173	64.69 355	P	P	00 44 23.7	+0.6
Q54A	Coxs Mills baz=169	59.61 351	P	P	00 43 48.6	-0.6	M55A	Ridgway baz=171,SNR=11	61.79 353	P	P	00 44 04.4	+0.4	CBKS	Cedar Bluff baz=150	64.69 335	P	P	00 44 23.9	+0.5
Q54A	Coxs Mills comp=Z,31nm,1.1s	59.61 351	Iamb	Iamb	00 43 50.8		T35A	Sooner Cattle comp=Z,31nm,1.0s	61.79 337	Iamb	Iamb									

2d 0h

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like F51A Arnstein, E64A Bridgewater, E57A Chemin Saint G, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like R11A Troy Canyon, GRAC Grapevine Rang, PKM Mcherson Peak, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MTE Manteigas, PVRL Vila Real, PCAB Gabriel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Rows include stations like Urumqi, JAGI, SOMM, SONM, KSAR, etc.

IDC 02 00:35:10.7±2.2, 19:68Sx70:42W, h0km, mb5.0/2, mb1 5.2/2, mb1mx4.1-1.41, mbtmp5.1/2, Error ellipse: s-maj=134.6km s-min=49.1km az=121.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Rows include stations like PTGA, YKA, ASAR, MKAR.

IDC 02 00:37:46.1±0.4, 19:88Sx70:37W, h0km, mb4.8/33, mb1 4.9/35, mb1mx4.8/42, mbtmp4.8/35, ML4.6/2, MS6.7/1, MS1 6.7/1, ms1mx5.4/34, Error ellipse: s-maj=17.2km s-min=10.1km az=71.0

SJA 02 00:37:47.3±0.6, 20:12Sx70:84W, h156km, 19km, ML4.8/33, mb1 4.9/35, mb1mx4.8/42, mbtmp4.8/35, ML4.6/2, MS6.7/1, Error ellipse: s-maj=15.2km s-min=7.9km az=116.8

NEIC 02 00:37:49.1±1.5, 19:98Sx0:05W, h20km, 3km, mb5.4/23, ML5.0(GUC), Error ellipse: s-maj=11.1km s-min=7.5km az=89.0

GUC 02 00:37:51.2±0.3, 20:03Sx70:52W, h34km, 1km, ML5.1, MW5.1

ISC 02 00:37:49.1±0.5, 19:98Sx0:03W, h20km, 4km, n722, ±180/639, mb5.3/133, 7C-4D, Near coast of northern Chile

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Rows include stations like PISAGUA, DIEGO ARACENA, IPOC STATION P, etc.

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Rows include stations like BIRD, W60A, X55A, W61A, HKT, etc.

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Rows include stations like BIRD, W60A, X55A, W61A, HKT, etc.

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Table with columns: WVT, Waverly, 58.14 344, P, P, 00 47 40.1 -1.3, etc. Lists various locations and their associated data points.

Table with columns: 052A, Adamsville, 60.70 350, P, P, 00 47 58.7 -0.3, etc. Lists various locations and their associated data points.

Table with columns: K51A, Iona Station, 63.20 351, P, P, 00 48 15.5 -0.2, etc. Lists various locations and their associated data points.

F51A	Arnstein	66.14	353	P	P	00 48 34.9	0.0
SDCO	Great Sand Dun	66.14	330	P	P	00 48 36.9	+1.5
SDCO	Great Sand Dun	66.14	330	Iamb	Iamb	00 48 48.2	
G45A	Suttons Bay	66.15	348	P	P	00 48 34.5	-0.5
E57A	Chemin Saint G	66.16	357	P	P	00 48 34.5	-0.5
G46A	Potoskey	66.27	349	P	P	00 48 35.1	-0.6
E55A	Montfer-Lytto	66.31	356	P	P	00 48 35.9	0.0
E56A	St. Veronique	66.33	357	P	P	00 48 36.2	+0.1
E52A	Dumoine, Ponti	66.35	355	P	P	00 48 35.6	-0.7
E53A	Mattawa	66.36	354	P	P	00 48 36.2	0.0
E54A	Lac Duplat, Po	66.37	355	P	P	00 48 36.2	-0.1
E51A	G1948 Merrick	66.69	353	P	P	00 48 38.6	+0.2
F45A	CMU Biological	66.74	349	P	P	00 48 37.9	-0.8
D63A	Stockholm	66.74	2	P	P	00 48 39.2	+0.5
D57A	Chemin Vers le	66.75	358	P	P	00 48 39.1	+0.3
D62A	Allapoint, All	66.77	1	P	P	00 48 39.4	+0.5
D62A	Allapoint, All	66.77	1	P	P	00 48 39.4	+0.5
D58A	Chemin du LacG	66.80	358	P	P	00 48 39.4	+0.3
D56A	ZEC Mazanza, M	66.82	357	P	P	00 48 39.1	-0.1
D55A	Sainte-Anne-du	66.83	356	P	P	00 48 39.3	0.0
Q24A	Divide	66.97	331	P	P	00 48 41.6	+0.9
D45A	Lac Fusel, La	67.04	356	P	P	00 48 39.8	-0.8
D53A	Lac Vacive, Po	67.05	355	P	P	00 48 40.2	-0.5
D53A	Lac Vacive, Po	67.05	355	Iamb	Iamb	00 48 59.0	
LATQ	La Tuque	67.08	358	P	P	00 48 40.5	-0.3
E47A	Iron Bridge	67.11	351	P	P	00 48 40.1	-0.9
D51A	Lot 18 Range I	67.22	354	P	P	00 48 41.9	+0.1
D50A	G1974 Best Tow	67.35	353	P	P	00 48 43.0	+0.4
D48A	Paudash Townsh	67.60	352	P	P	00 48 44.1	0.0
D49A	Beulah Townshi	67.64	352	P	P	00 48 43.9	-0.5
D47A	Chapleau	67.67	351	P	P	00 48 44.1	-0.5
ECSD	EROS Data Cent	67.74	340	P	P	00 48 44.4	-0.8
ECSD	EROS Data Cent	67.74	340	Iamb	Iamb	00 48 56.0	
ISCO	Idaho Springs	67.85	332	P	Pmax	00 48 47.3	+1.0
ISCO	Idaho Springs	67.85	332	P	P	00 48 46.9	+0.6
ISCO	Idaho Springs	67.85	332	P	P	00 48 47.3	+1.0
PV01	Paradox Valley	67.92	328	Iamb	Iamb	00 48 59.4	
SPMN	Marine on St.	67.97	343	P	P	00 48 46.5	0.0
SPMN	Marine on St.	67.97	343	Iamb	Iamb	00 48 56.8	
SPMN	Snowmass	67.98	330	Iamb	Iamb	00 48 59.8	
PV15	Paradox Valley	68.04	329	Iamb	Iamb	00 49 00.8	
IKP	In-Ko-Pah, Jac	68.05	320	P	P	00 48 49.1	+1.7
PV02	Paradox Valley	68.06	328	Iamb	Iamb	00 49 00.7	
VLQD	Val d'Or	68.06	325	Iamb	Iamb	00 48 58.5	
PV13	Radium Mtn., P	68.06	328	Iamb	Iamb	00 49 00.0	
SWSC	Sam W. Stewart	68.06	320	P	P	00 48 49.0	+1.6
BC3	Big Chuckwall	68.35	321	P	P	00 48 51.0	+1.7
MONP2	Monument Peak	68.41	320	P	P	00 48 50.9	+1.1
IRM	Iron Mountain	68.52	321	P	P	00 48 52.1	+1.8
D41A	Chassel	68.67	347	Iamb	Iamb	00 49 01.6	
NVL	N'Wazarevskaya	68.81	159	eP	Pmax	00 48 51.3	-0.2
N23A	Red Feather La	68.89	332	P	P	00 48 54.5	+1.8
PFO	Pinyon Flats O	68.92	320	P	P	00 48 53.1	+0.2
PFO	Pinyon Flats O	68.92	320	P	P	00 48 54.3	+1.4
GMRC	Granite Mounta	69.26	321	P	P	00 48 56.7	+1.7
O20A	White River Ci	69.33	330	P	P	00 48 56.2	+0.8
HEC	Hector Ludlow	69.69	321	P	P	00 48 58.9	+1.3
MATO	Matagami	69.71	355	P	P	00 48 57.2	0.0
DBIC	Dimbokro	69.86	75	P	P	00 48 56.8	-2.2
DBIC	Dimbokro	69.86	75	P	P	00 48 56.8	-2.2
P17A	Butcher Ranch,	70.03	328	P	P	00 49 00.4	+0.7
BFSO	Mount Baldy Ra	70.08	320	P	P	00 49 01.1	+1.0
EYMN	Ely	70.17	345	P	P	00 48 59.7	-0.5
QSPA	South Pole Qui	70.20	180	P	P	00 49 01.4	+1.0
GSC	Goldstone, Bar	70.30	321	P	P	00 49 03.3	+1.9
EDW2	Edwards Air Fo	70.72	320	P	P	00 49 04.8	+0.9
RSSD	Black Hills	70.75	335	P	Pmax	00 49 05.1	+1.0
RSSD	Black Hills	70.75	335	P	P	00 49 05.0	+1.0
RSSD	Black Hills	70.75	335	P	P	00 49 05.1	+1.0
TPNV	Topopah Spring	71.12	323	P	P	00 49 08.1	+1.7
FURC	Furnace Creek,	71.14	322	P	P	00 49 08.2	+1.9
MPMC	Manual Prospec	71.22	321	P	P	00 49 08.8	+1.7
ISA	Isabella, Lake	71.54	320	P	P	00 49 10.6	+1.8
DUG	Dugway, Tooele	71.62	327	P	P	00 49 11.3	+2.0
DUG	Dugway, Tooele	71.62	327	Iamb	Iamb	00 49 22.4	
AGMN	Agassiz Nation	71.63	343	P	P	00 49 08.9	-0.1
AGMN	Agassiz Nation	71.63	343	P	P	00 49 08.8	-0.2
R11A	Troy Canyon, C	71.74	324	P	P	00 49 12.0	+1.8
GRAC	Grapevine Rang	71.80	322	P	P	00 49 11.9	+1.6
CWC	Cottonwood Cre	71.83	321	P	P	00 49 12.4	+1.7
PKM	McPherson Peak	71.83	319	P	P	00 49 12.5	+1.7
BW06	Boulder Array	72.01	331	P	P	00 49 12.8	+1.1
PDAR	Pinedale Array	72.01	331	P	P	00 49 12.2	+0.5
PDAR	Pinedale Array	72.01	331	P	P	00 49 22.4	+1.1
PDAR	Pinedale Array	72.01	331	P	P	00 49 11.8	+0.1

YES	Vestal, Richgr	72.02	320	P	P	00 49 13.6	+1.9
HWUT	Hardware Ranch	72.06	329	Iamb	Iamb	00 49 26.0	
SMMC	Simmer	72.22	319	P	P	00 49 14.7	+1.8
MDND	Maddock	72.36	340	P	P	00 49 14.2	+0.8
AHID	Auburn Hatcher	72.72	330	Iamb	Iamb	00 49 28.5	
ELK	Elko	73.28	326	P	P	00 49 20.1	+0.8
ELK	Elko	73.28	326	P	P	00 49 31.2	+1.2
ELK	Elko	73.28	326	P	P	00 49 20.1	+0.8
NVAR	Mina Array Be	73.32	323	P	P	00 49 21.1	+1.5
NVAR	Mina Array Be	73.32	323	P	P	00 49 31.5	+1.2
ULM	Lac du Bonnet	73.41	343	P	P	00 49 18.8	-0.8
ULM	Lac du Bonnet	73.41	343	P	P	00 49 29.2	+1.0
ULM	Lac du Bonnet	73.41	343	P	P	00 49 18.8	-0.8
ULM	Lac du Bonnet	73.41	343	Iamb	Iamb	00 49 29.9	
IMW	Indian Meadow	73.52	331	Iamb	Iamb	00 49 33.2	
FLWY	Flagg Ranch	73.56	331	Iamb	Iamb	00 49 34.1	
RLMT	Red Lodge	73.73	333	P	P	00 49 23.2	+1.3
RLMT	Red Lodge	73.73	333	P	P	00 49 22.8	+0.9
RLMT	Red Lodge	73.73	333	Iamb	Iamb	00 49 34.6	
LAO	LASA Array	73.74	335	P	P	00 49 22.7	+1.0
LAO	LASA Array	73.74	335	Iamb	Iamb	00 49 33.7	
H17A	Grant Village	73.74	331	P	P	00 49 23.7	+1.7
LKMW	Lake	73.80	332	Iamb	Iamb	00 49 36.2	
DGMT	Dagmar	74.46	338	P	P	00 49 26.9	+1.1
DGMT	Dagmar	74.46	338	Iamb	Iamb	00 49 38.0	
QLMT	Earthquake Lak	74.47	331	P	P	00 49 38.8	-1.8
SCHO	Schefferville	74.58	2	P	P	00 49 26.3	-0.1
SCHO	Schefferville	74.58	2	P	P	00 49 36.2	+1.0
AFDM	Forest Hills D	75.21	332	P	P	00 49 43.3	-0.5
DLMT	Dillon	75.20	331	Iamb	Iamb	00 49 44.4	
MFID	Camas Ranch	75.51	328	Iamb	Iamb	00 49 45.8	
LRM	Limekiln Ridge	75.69	331	P	P	00 49 45.1	-0.9
ORV	Oroville	75.92	322	Iamb	Iamb	00 49 37.4	
EGMT	Eagleton	76.24	334	P	P	00 49 37.3	+1.2
EGMT	Eagleton	76.24	334	Iamb	Iamb	00 49 48.4	
O03E	Paynes Creek	76.58	322	P	P	00 49 39.1	+0.9
O02D	Mt. Diablo Mer	77.08	322	P	P	00 49 42.5	+1.4
MSO	Missoula	77.12	331	P	P	00 49 43.0	+1.8
MSO	Missoula	77.12	331	P	P	00 49 53.7	+1.8
N02D	Trinity Center	77.55	322	P	P	00 49 44.9	+1.2
M04C	Moose	77.58	323	P	P	00 49 45.2	+1.3
M02C	Callahan	77.90	323	P	P	00 49 47.2	+1.6
YBH	Yreka Blue Hor	78.04	323	P	P	00 49 46.2	-0.2
YBH	Yreka Blue Hor	78.04	323	P	P	00 49 46.2	-0.2
VNDA	Vanda	78.06	190	P	P	00 49 47.3	+1.4
VNDA	Vanda	78.06	190	P	P	00 49 57.5	+1.2
VNDA	Vanda	78.06	190	Pmax	Pmax	00 49 47.1	+1.2
VNDA	Vanda	78.06	190	P	P	00 49 47.1	+1.2
J05D	Fort Rock, OR	78.25	325	P	P	00 49 49.2	+1.7
SYO	Syowa Base	78.47	160	eP	P	00 49 50.2	+1.9
J04D	Umpqua Nationa	78.69	324	P	P	00 49 51.7	+1.6
WALA	Waterton Lakes	78.79	333	Iamb	Iamb	00 50 02.6	
I05D	Terrebonne, OR	79.01	326	P	P	00 49 53.3	+1.7
K02D	Willamette Mer	79.20	323	P	P	00 49 54.3	+1.6
I04A	Tendick Farm,	79.22	325	P	P	00 49 54.1	+1.3
G05D	Wamic, OR	79.60	326	P	P	00 49 56.7	+1.8
NEW	Newport	79.60	330	P	P	00 49 54.9	-0.1
NEW	Newport	79.64	330	P	P	00 49 54.9	-0.1
LTY	Liberty	80.64	328	Iamb	Iamb	00 50 02.6	
F04A	Amboy	80.64	326	Iamb	Iamb	00 50 02.4	
D05A	Enumclaw	81.26	327	Iamb	Iamb	00 50 05.5	
B06A	Marblemont	81.90	329	P	P	00 50 07.6	+0.6
TSUM	Tsumeb	82.01	107	P	P	00 50 08.1	-0.4
B05A	Bryant	82.03	328	P	P	00 50 08.2	+0.5
D03D	Eldon	82.05	327	P	P	00 50 09.3	+1.5
FRB	Frobisher Bay	83.47	1	P	P	00 50 14.1	-0.7
FRB	Frobisher Bay	83.47	1	P	P	00 50 14.1	-0.7
LLLB	Lillooet	83.50	330	Iamb	Iamb	00 50 16.9	
BOSA	Boshof	85.57	119	P	P	00 50 26.1	-0.5
BOSA	Boshof	85.57	119	P	P	00 50 26.1	-0.5
BOSA	Boshof	85.57	119	Iamb	Iamb	00 50 43.4	
TAM	Tamanrasset	85.58	64	P	Pmax	00 50 26.4	-0.3
TAM	Tamanrasset	85.58	64	P	P	00 50 26.4	-0.3
MAW	Mawson	86.23	164	P	P	00 50 29.1	+0.2
MAW	Mawson	86.23	164	P	P	00 50 29.1	+0.2
LBTB	Labatse	87.11	115	P	P	00 50 33.9	-0.3
SFJD	Kangerlussuaq	88.00	8	P	P	00 50 36.8	-0.4
SFJD	Kangerlussuaq	88.00	8	P	P	00 50 36.8	-0.4
SFJD	Kangerlussuaq	88.00	8	Iamb	Iamb	00 50 54.4	
YKA	Yellowknife Ar	89.24	341	P	P	00 50 43.0	-0.1
YKA	Yellowknife Ar	89.24	341	P	P	00 50 53.5	+1.0
YKA	Yellowknife Ar	89.24	341	P	P	00 50 43.0	-0.1
DLBC	Dease Lake	92.10	333	P	P	00 50 57.5	+0.7
CASY	Casey	94.00	130	P	P	00 51 06.4	+1.0
INK	Inuvik	98.98	340	P	P	00 51 26.7	-1.0
INK	Inuvik	98.98	340	Iamb	Iamb	00 51 26.7	-1.0
INK	Inuvik	98.98	340	Iamb	Iamb	00 51 39.5	
GERES							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WALA Waterlon Lakes, NARS Narsuaq, YKA Yellowknife Arr, etc.

IDC 02 00:58:39.8-2.1, 19:64S:70:48W, h0km, mb4.2/3, mb1 4.5/3, mb1mx3.9/30, mbtmp4.3/3, Error ellipse: s-maj=49.0, km s-min=49.0, km az=122.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTGA Pitinga, Pinedale Arr, YKA Yellowknife Arr, etc.

IDC 02 01:01:42.4-2.1, 19:79S:71:14W, h0km, mb3.7/3, mb1 4.1/4, mb1mx3.9/29, mbtmp3.9/4, ML2.9/1, Error ellipse: s-maj=80.0, km s-min=80.0, km az=173.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, SIV San Ignacio, PTGA Pitinga, etc.

IDC 02 01:02:49.6-4.2, 30:48S:176:98W, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.5/36, mbtmp3.3/2, Error ellipse: s-maj=252.4, km s-min=44.3, km az=161.0

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

IDC 02 01:03:42.3-3.6, 19:94S:71:06W, h0km, mb3.5/1, mb1 3.9/2, mb1mx3.6/29, mbtmp3.7/2, ML2.8/1, Error ellipse: s-maj=287.2, km s-min=40.4, km az=59.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LPAZ La Paz, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Arr, MKAR Makanchi Arr, SONM Songo Arr, etc.

IDC 02 01:04:30.6-3.2, 20:14S:70:88W, h0km, mb3.6/2, mb1 4.1/3, mb1mx3.6/29, mbtmp3.8/3, ML3.9/1, Error ellipse: s-maj=221.3, km s-min=47.3, km az=1.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIV San Ignacio, NVAR Mina Arr, YKA Yellowknife Arr, etc.

IDC 02 01:04:48.1-1.4, 19:88S:71:03W, h0km, mb3.7/5, mb1 4.0/7, mb1mx3.8/30, mbtmp3.9/7, ML4.0/2, Error ellipse: s-maj=41.4, km s-min=26.5, km az=28.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LPAZ La Paz, SIV San Ignacio, etc.

IDC 02 01:06:38.7-6.6, 7:12S:147:40E, h74km, mb3.1/3, mb1 3.3/5, mb1mx3.1/29, mbtmp3.5/3, ML3.3/1, Error ellipse: s-maj=76.4, km s-min=32.5, km az=137.0, Eastern New Guinea region

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

ISK 02 01:06:53.9, 37:12N:27:63E, h5km, ML2.6/6, DDA 02 01:06:54.7, 37:07N:27:42E, h15km, 1km, ML2.2

ISC 02 01:06:52.2-1.3, 37:16N:0:05E, 27:74E, h0.03, h4km, 13km, n10, r125/16, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDRM Kayabasi, BDRM comp=N, 1jm, 5.8s, BODT Bodrum, etc.

IDC 02 01:07:00.3-4.0, 19:04S:70:68W, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/26, mbtmp3.5/3, Error ellipse: s-maj=103.4, km s-min=61.2, km az=156.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTGA Pitinga, YKA Yellowknife Arr, MKAR Makanchi Arr, etc.

IDC 02 01:09:38.7-1.3, 19:45S:70:63W, h0km, mb3.9/3, mb1 4.2/6, mb1mx3.9/29, mbtmp4.1/6, ML4.2/3, Error ellipse: s-maj=34.5, km s-min=25.2, km az=58.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSGC Pisagua, PB12 IPOC Station P, PB11 IPOC Station P, etc.

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

IDC 02 01:10:00.3-3.6, 19:54S:70:76W, h0km, mb4.0/3, mb1 4.4/3, mb1mx3.8/26, mbtmp4.0/3, Error ellipse: s-maj=107.2, km s-min=54.3, km az=156.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTGA Pitinga, NVAR Mina Arr, YKA Yellowknife Arr, etc.

IDC 02 01:10:18.4-2.4, 19:18S:70:63W, h0km, mb3.9/5, mb1 4.3/5, mb1mx3.9/26, mbtmp3.9/5, Error ellipse: s-maj=70.0, km s-min=50.0, km az=158.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTGA Pitinga, TXAR Lajitas Arr, PDAR Pinedale Arr, etc.

ISC 02 01:10:23.7-2.3, 19:25S:70:46W, h0.3, h35km, n8, r026/8, mb3.7/5, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTGA Pitinga, TXAR Lajitas Arr, PDAR Pinedale Arr, etc.

IDC 02 01:13:31.0-1.2, 19:81S:71:05W, h0km, mb3.9/7, mb1 4.1/9, mb1mx4.0/27, mbtmp4.0/9, ML3.7/2, Error ellipse: s-maj=36.3, km s-min=21.5, km az=35.0

NEIC 02 01:13:32.1-1.6, 19:63S:0:04E, 70:99W, 0.04, h10km, 12km, mb4.3/2, Error ellipse: s-maj=8.2, km s-min=3.3, km az=311.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSGC Pisagua, PB12 IPOC Station P, PB11 IPOC Station P, etc.

ISC 02 01:13:34.0-0.7, 19:64S:0:05E, 70:93W, 0.06, h22km, n40, r1505/37, Near coast of northern Chile

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

ISC 02 01:17:56.4-1.6, 19:92S:70:58W, h0km, mb3.6/1, mb1 4.0/4, mb1mx3.7/30, mbtmp3.8/4, ML3.6/3, Error ellipse: s-maj=48.8, km s-min=28.4, km az=72.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAYG Puerto Ayora, TXAR Lajitas Arr, DBIC Dimbokro, etc.

IDC 02 01:17:59.3-1.3, 19:89S:0:08E, 70:4W, 0.2, h10km, n7, r221/8, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LPAZ La Paz, LPAZ La Paz, etc.

V57A	comp=Z,33nm,1.1s Coltrane Farms baz=170	55.81 351	P	P	01 30 36.1 +0.6
V56A	Mocksville baz=168,SNR=6.9	55.84 351	P	P	01 30 36.4 +0.7
U61A	Possum Corner baz=174	55.87 355	P	P	01 30 36.5 +0.8
X48A	Hartselle	55.89 344	P	I Amb	01 30 34.1 -1.9
X48A	comp=Z,14nm,0.8s Nacogdoches baz=153	55.91 336	P	P	01 30 37.2 +1.0
NATX	Nacogdoches baz=153	55.91 336	P	P	01 30 34.0 -2.2
NATX	Taylorville baz=168,SNR=6.4	56.00 350	P	P	01 30 37.6 +0.8
V55A	Taylorville	56.00 350	P	P	01 30 36.0 -0.7
V55A	comp=Z,22nm,1.1s Littleton baz=172,SNR=5.2	56.02 353	P	P	01 30 37.4 +0.5
U59A	Littleton	56.02 353	P	P	01 30 35.5 -1.4
U59A	comp=Z,30nm,1.0s Yeager Farm, C comp=Z,24nm,0.8s	56.05 341	I Amb	I Amb	01 30 47.1
V54A	Nebo baz=167,SNR=7.0	56.05 349	P	P	01 30 37.6 +0.4
V53A	Saluda comp=Z,13nm,0.9s	56.11 348	I Amb	I Amb	01 30 47.3
U58A	Oxford	56.15 353	P	P	01 30 38.4 +0.5
W50A	baz=171,SNR=6.1 Signal Mount comp=Z,13nm,0.7s	56.18 346	I Amb	I Amb	01 30 47.6
PCPT	Cooper Cave	56.24 347	P	P	01 30 37.5 -1.0
435B	Jarrell baz=149	56.26 332	P	P	01 30 39.4 +0.7
TKL	Tuckaleechee C comp=Z,17nm,0.8s	56.28 347	I Amb	I Amb	01 30 49.7
U57A	Blanch	56.29 352	P	P	01 30 39.7 +0.9
SWET	Sewanee	56.34 345	P	P	01 30 38.4 -0.9
SWET	comp=Z,16nm,0.7s	56.35 351	P	P	01 30 40.3 +1.0
U56A	King baz=169	56.35 351	I Amb	I Amb	01 30 50.0
U56A	King comp=Z,23nm,1.0s	56.35 351	I Amb	I Amb	01 30 50.0
V52A	Sevierville	56.43 348	P	P	01 30 39.3 -0.5
V52A	comp=Z,30nm,0.8s Loudon	56.55 347	P	P	01 30 39.9 -0.8
V51A	V51A	56.55 347	I Amb	I Amb	01 30 50.1
Z41A	Richland Creek baz=155	56.56 338	P	P	01 30 41.9 +1.1
OXF	Oxford	56.61 342	P	P	01 30 40.2 -0.9
OXF	comp=Z,39nm,1.0s Oxford baz=159	56.61 342	P	P	01 30 40.7 -0.5
OXF	Oxford	56.61 342	P	P	01 30 40.2 -0.9
OXF	comp=Z,39nm,1.0s Double "B" Far baz=172,SNR=7.7	56.61 354	P	P	01 30 41.8 +0.8
U55A	TAZ, Sparta baz=168	56.61 350	P	P	01 30 41.5 +0.3
PLAL	Pickwick Lake comp=Z,17nm,1.0s	56.67 343	I Amb	I Amb	01 30 50.4
T58A	Grand View baz=171,SNR=6.2	56.69 353	P	P	01 30 42.4 +0.8
U54A	Nelsons Funny baz=168,SNR=5.0	56.75 350	P	P	01 30 42.7 +0.4
U54A	Nelsons Funny	56.75 350	P	P	01 30 40.4 -1.9
U54A	comp=Z,31nm,0.9s Hurt	56.83 352	P	P	01 30 43.5 +0.8
T57A	Hurt baz=170	56.83 352	I Amb	I Amb	01 30 58.0
T57A	comp=Z,20nm,1.1s	56.83 352	I Amb	I Amb	01 30 58.0
T56A	Rocky Mt baz=170	56.97 351	P	P	01 30 44.4 +0.7
JCT	Junction City baz=141	57.01 330	P	P	01 30 44.6 +0.5
WLAR	White Oak Lake	57.05 338	P	P	01 30 43.8 -0.5
V48A	Smith Brothers V48A	57.06 345	P	I Amb	01 30 43.2 -1.1
X43A	Marvell baz=157	57.06 340	P	P	01 30 44.8 +0.4
TZTN	Tazewell baz=166	57.10 348	P	P	01 30 45.0 +0.4
T55A	Pulaski baz=169,SNR=7.4	57.17 351	P	P	01 30 45.8 +0.7
BLA	Blacksburg	57.21 351	P	P	01 30 46.1 +0.7
T54A	Tazewell baz=169	57.24 350	P	P	01 30 46.1 +0.5
S60A	Water View baz=173	57.25 355	P	P	01 30 46.3 +0.7
WHTX	Lake Whitney, baz=159	57.25 333	P	P	01 30 46.4 +0.7
WHTX	Lake Whitney, comp=Z,30nm,0.9s	57.25 333	I Amb	I Amb	01 30 56.4
CLTN	Cedars of Leba	57.27 345	P	I Amb	01 30 44.4 -1.4
CLTN	comp=Z,21nm,1.0s	57.30 353	P	P	01 30 55.2
SS8A	Poland Farm, P baz=172	57.30 353	P	P	01 30 46.5 +0.6
SS8A	Poland Farm, P	57.30 353	P	P	01 30 45.4 -0.6
SS8A	comp=Z,20nm,0.9s	57.30 353	I Amb	I Amb	01 30 56.3
T53A	Wise baz=167	57.33 349	P	P	01 30 46.3 0.0
T52A	Halle baz=166	57.53 349	P	P	01 30 47.9 +0.2
S56A	Natural Bridge baz=170	57.54 352	P	P	01 30 48.4 +0.6
U49A	Red Boiling Sp comp=Z,13nm,0.7s	57.54 354	I Amb	I Amb	01 30 57.0
S57A	Dark Hollow, R baz=171	57.55 352	P	P	01 30 48.7 +1.0
S57A	Dark Hollow, R	57.55 352	I Amb	I Amb	01 31 03.6
T51A	Gray baz=165,SNR=6.8	57.58 348	P	P	01 30 47.9 -0.1
R58B	Mineral baz=172,SNR=6.7	57.62 353	P	P	01 30 49.3 +1.0
WVT	Waverly	57.69 344	P	P	01 30 47.7 -1.0
WVT	comp=Z,26nm,0.8s	57.69 344	P	P	01 30 47.9 -0.8
WVT	Waverly baz=161	57.69 344	P	P	01 30 47.6 -1.0
WVT	Waverly	57.69 344	I Amb	I Amb	01 30 57.5
R61A	Willards baz=175	57.77 356	P	P	01 30 47.7 -1.5
S55A	Lewisburg baz=169,SNR=6.7	57.77 351	P	P	01 30 50.0 +0.6
T50A	Nancy baz=168	57.82 347	P	P	01 30 49.3 -0.3
S54A	Dingess, Beckl baz=168	57.92 350	P	P	01 30 50.6 +0.2
S54A	Dingess, Beckl comp=Z,18nm,0.9s	57.92 350	I Amb	I Amb	01 30 51.5
R58A	Rapidan baz=172,SNR=5.8	57.97 353	P	P	01 30 51.2 +0.6
MIAR	Mount Ida baz=155,SNR=1.5	57.99 338	P	P	01 30 51.5 +0.5
MIAR	Mount Ida comp=Z,33nm,0.8s	57.99 338	I Amb	I Amb	01 31 01.2
TXAR	Lajitas Array comp=Z,5.4nm,1.0s,baz=149,slow=8.6,SNR=22	58.00 326	P	P	01 30 51.7 +0.5
TXAR	Lajitas Array	58.00 326	P	P	01 30 50.5 -0.7
R57A	Stanardsville baz=171	58.02 353	P	P	01 30 52.0 +0.9
T49A	Edmonton baz=164,SNR=2.2	58.05 346	P	P	01 30 51.2 -0.1
W41B	Gary Mavity, V baz=155	58.11 339	P	P	01 30 51.9 +0.2
S51A	Beattyville	58.16 348	P	P	01 30 52.5 +0.5
R55A	Marlington baz=166	58.22 351	P	P	01 30 53.5 +1.0
WHAR	Woolly Hollow comp=Z,13nm,0.9s	58.23 339	I Amb	I Amb	01 31 02.5
R56A	Bull Pasture M baz=170	58.24 352	P	P	01 30 53.5 +0.8
R54A	Victor	58.24 351	P	P	01 30 53.2 +0.6
S50A	Riceond baz=165,SNR=6.8	58.36 347	P	P	01 30 53.6 +0.1
R53A	Hurricane	58.54 350	P	P	01 30 55.0 +0.4
Q58A	Fox Den Farm, baz=168	58.57 354	P	P	01 30 55.8 +0.9
LCAR	Lake Charles comp=Z,13nm,0.9s	58.58 341	I Amb	I Amb	01 31 04.5
S49A	Springfield baz=171,SNR=6.6	58.65 347	P	P	01 30 54.9 -0.5
W39A	Magazine baz=154,SNR=8.6	58.65 338	P	P	01 30 56.6 +1.1
W39A	Magazine comp=Z,23nm,0.8s	58.65 338	I Amb	I Amb	01 31 06.3
R52A	Cattlettsburg baz=167	58.67 349	P	P	01 30 55.0 -0.6
FCAR	Ozark Folk Cen comp=Z,11nm,0.9s	58.72 340	I Amb	I Amb	01 31 05.4
Q57A	Strasburg baz=172	58.74 353	P	P	01 30 57.4 +1.4
ABTX	Abilene, Hawle baz=148,SNR=6.6	58.74 332	P	P	01 30 57.0 +0.8
ABTX	Abilene, Hawle comp=Z,4nm,0.8s	58.74 332	I Amb	I Amb	01 31 06.7
R51A	Hillsboro baz=166	58.80 348	P	P	01 30 56.9 +0.4
Q56A	Snyder Ridge, baz=171	58.84 352	P	P	01 30 58.1 +1.3
Q55A	Buckhannon baz=170	58.91 352	P	P	01 30 58.1 +0.7
R50A	Paris baz=165	58.93 348	P	P	01 30 57.2 -0.2
Q53A	Leroy baz=168,SNR=6.0	58.99 350	P	P	01 30 58.3 +0.5
Q54A	Coxs Mills baz=169	59.01 351	P	P	01 30 58.0 +0.1
Q54A	Coxs Mills comp=Z,11nm,0.7s	59.01 351	I Amb	I Amb	01 31 07.7
PBMO	Poplar Bluff comp=Z,19nm,0.8s	59.02 342	I Amb	I Amb	01 31 07.4
P58A	Park, Wackersv baz=170	59.08 354	P	P	01 30 59.8 +1.4
R49A	Shelbyville baz=164	59.11 347	P	P	01 30 58.7 0.0
P59A	Jarrettsville	59.12 355	P	P	01 30 59.8 +1.2
P57A	Homestead Farm baz=172	59.14 354	P	P	01 30 59.6 +0.8
Q52A	Bidwell baz=167	59.21 350	P	P	01 30 59.5 +0.3
P56A	Dayton Farm, R baz=171	59.25 353	P	P	01 30 59.0 +0.9
P60A	Greenville baz=175	59.26 356	P	P	01 30 60.0 +0.4
WCI	Wyandotte Cave WCI	59.30 346	P	P	01 30 58.5 -1.5
WCI	Wyandotte Cave baz=163	59.30 346	P	P	01 30 59.8 -0.2
WCI	Wyandotte Cave comp=Z,18nm,0.8s	59.30 346	I Amb	I Amb	01 31 09.0
P55A	Reedsville baz=170	59.38 352	P	P	01 31 01.1 +0.5
U40A	Yellville baz=156,SNR=8.0	59.39 340	P	P	01 31 00.8 +0.2
U40A	Yellville	59.39 340	I Amb	I Amb	01 31 10.4
U50A	Georgetown baz=166	59.41 348	P	P	01 31 00.4 -0.3
T42A	Van Buren comp=Z,10nm,0.8s	59.45 341	I Amb	I Amb	01 31 00.0
Q51A	Peebles baz=166	59.46 349	P	P	01 31 01.0 -0.1
Q51A	Peebles comp=Z,14nm,0.9s	59.46 349	I Amb	I Amb	01 31 10.5
MCWV	Mont Chateau baz=170	59.53 352	P	P	01 31 02.2 +0.7
P54A	Burton baz=169,SNR=5.2	59.56 351	P	P	01 31 02.9 +1.1
P53A	Whipple baz=168	59.58 351	P	P	01 31 02.4 +0.5
X34A	Smith Ranch, M comp=Z,25nm,0.8s	59.66 334	I Amb	I Amb	01 31 13.0
O58A	Lewisberry baz=173	59.67 355	P	P	01 31 03.0 +0.5
HHAR	Hobbs comp=Z,13nm,0.9s	59.69 339	I Amb	I Amb	01 31 12.2
Q49A	Aurora baz=165	59.74 347	P	P	01 31 02.9 -0.1
O60A	Telford baz=175	59.75 356	P	P	01 31 03.0 0.0
O59A	Robesonia baz=174	59.80 355	P	P	01 31 04.2 +0.8
O57A	Amberson baz=173	59.82 354	P	P	01 31 03.8 +0.2
P52A	Corning baz=168	59.84 350	P	P	01 31 03.6 -0.1
Q48A	North Vernon baz=167	59.85 347	P	P	01 31 03.4 -0.3
P51A	Williamsport baz=167	59.85 349	P	P	01 31 03.9 +0.2
O56A	Blue Knob Stat baz=167	59.98 353	P	P	01 31 05.1 +0.4
U38A	Gravey comp=Z,11nm,0.9s	59.98 338	I Amb	I Amb	01 31 14.2
O55A	Ligonier baz=171	60.00 353	P	P	01 31 05.4 +0.6
TUL1	Leonard baz=153,SNR=9.3	60.02 337	P	P	01 31 05.4 +0.4
P50A	Jamestown baz=166	60.11 349	P	P	01 31 05.6 0.0
O54A	Avella baz=170	60.12 352	P	P	01 31 05.8 +0.3
WMOK	Wichita Mounta baz=149	60.17 334	P	P	01 31 06.1 0.0
P49A	Miami Univ. Ec baz=165	60.22 348	P	P	01 31 05.6 -0.6
O52A	Adamsville baz=168	60.27 350	P	P	01 31 06.5 -0.1
N60A	Cedar Hill Far baz=175	60.28 356	P	P	01 31 07.3 +0.7
P48A	Milroy baz=164	60.29 347	P	P	01 31 06.1 -0.6
PAL	Palisades baz=174	60.35 357	P	P	01 31 08.3 +1.2
N58A	Sunbury baz=177	60.37 355	P	P	01 31 07.9 +0.7
N58A	Sunbury comp=Z,34nm,1.1s	60.37 355	I Amb	I Amb	01 31 17.8
N59A	State Game Lan baz=175	60.37 356	P	P	01 31 08.1 +0.8
O51A	Pataskala baz=167	60.42 350	P	P	01 31 07.5 -0.2
CCM	Cathedral Cave CCM	60.44 342	P	P	

Table with columns: ID, Name, Az, El, AzEl, P, S, T, AzEl, P, S, T. Rows include stations like 49A Point Hope, TUC Tucson, 62A West of Eustis, etc.

Table with columns: ID, Name, Az, El, AzEl, P, S, T, AzEl, P, S, T. Rows include stations like PDMCI Parker Dam, PV15 Paradox Valley, IKP In-Ko-Jac, etc.

Table with columns: ID, Name, Az, El, AzEl, P, S, T, AzEl, P, S, T. Rows include stations like EGMT Eagleton, EGMT Eagleton, 003E Paynes Creek, etc.

U56A	King	56.80 351	P	P	01 39 27.0 +0.6
Z41A	Richland Creek	56.99 338	P	P	01 39 28.4 +0.5
OXF	Oxford	57.05 342	P	P	01 39 27.7 -0.5
U55A	TA2, Sparta	57.05 350	P	P	01 39 28.3 -0.1
T59A	Double "B" Far	57.06 354	P	P	01 39 28.7 +0.5
T58A	Grand View Acr	57.14 353	P	P	01 39 29.3 +0.5
T60A	Surry	57.14 354	P	P	01 39 29.3 +0.6
U54A	Nelsons Funny	57.20 350	P	P	01 39 29.4 +0.1
T57A	Hurt	57.28 352	P	P	01 39 30.2 +0.4
T56A	Rocky Mt	57.42 351	P	P	01 39 31.5 +0.7
TZTN	Tazewell	57.54 348	P	P	01 39 31.9 +0.2
T55A	Pulaski	57.62 351	P	P	01 39 32.9 +0.7
BLA	Blacksburg	57.65 351	P	P	01 39 33.2 +0.7
T54A	Tazewell	57.69 350	P	P	01 39 33.1 +0.3
S58A	Poland Farm, P	57.74 353	P	P	01 39 33.3 +0.3
T53A	Wise	57.78 349	P	P	01 39 33.4 +0.1
S59A	Mechanicsville	57.81 354	P	P	01 39 34.2 +0.7
T52A	Hallie	57.98 349	P	P	01 39 34.9 +0.1
S56A	Natural Bridge	57.99 352	P	P	01 39 35.3 +0.5
S57A	Dark Hollow, R	57.99 352	P	P	01 39 35.1 +0.3
T51A	Gray	58.03 348	P	P	01 39 34.8 -0.3
R58B	Mineral	58.07 353	P	P	01 39 36.0 +0.7
WVT	Waverly	58.13 344	P	P	01 39 35.3 -0.5
WVT	Waverly	58.13 344	P	I Amb	01 39 35.0 -0.8
S55A	Lewisburg	58.22 351	P	P	01 39 36.9 +0.5
R59A	King George, V	58.23 354	P	P	01 39 36.9 +0.5
T50A	Nancy	58.27 347	P	P	01 39 36.2 -0.6
S54A	Dingess, Beckl	58.27 350	P	P	01 39 37.5 0.0
S53A	Williamson	58.39 350	P	P	01 39 37.4 -0.2
TXAR	Lajitas Array	58.40 326	P	P	01 39 38.4 +0.4
TXAR	Lajitas Array	58.40 326	P	P	01 39 36.4 -1.6
R58A	Rapidan	58.42 353	P	P	01 39 38.3 +0.6
MIAR	Mount Ida	58.43 338	P	P	01 39 37.9 0.0
R57A	Stanardsville	58.47 353	P	P	01 39 38.8 +0.7
T49A	Edmonton	58.50 346	P	P	01 39 37.9 -0.4
W41B	Gary Mavity, V	58.55 339	P	P	01 39 38.6 -0.1
S51A	Beattysville	58.61 348	P	P	01 39 39.2 0.0
R55A	Marlinton	58.66 351	P	P	01 39 40.1 +0.6
R56A	Bull Pasture M	58.69 352	P	P	01 39 39.8 +0.1
R54A	Victor	58.69 351	P	P	01 39 39.9 +0.2
S50A	Richmond	58.81 347	P	P	01 39 40.4 -0.1
R53A	Hurricane	58.99 350	P	P	01 39 41.6 -0.2
Q58A	Fox Den Farm,	59.02 354	P	P	01 39 42.4 +0.4
W39A	Magazine	59.09 338	P	P	01 39 43.2 +0.7
S49A	Springfield	59.10 347	P	P	01 39 42.1 -0.4
R52A	Catlettsburg	59.11 349	P	P	01 39 43.0 +0.4
ABTX	Ablene, Hawle	59.16 332	P	P	01 39 44.4 -0.7
Q57A	Strasburg	59.19 353	P	P	01 39 42.1 +1.0
R51A	Hillsboro	59.25 348	P	P	01 39 43.3 -0.3
Q56A	Snyder	59.29 352	P	P	01 39 45.1 +1.3
Q55A	Buckhannon	59.36 352	P	P	01 39 45.0 +0.7
R50A	Paris	59.38 348	P	P	01 39 44.1 -0.3
Q53A	Leroy	59.44 350	P	P	01 39 45.0 +0.2
Q54A	Coxs Mills	59.45 351	P	P	01 39 45.0 +0.1
P58A	Pank, Wackersv	59.52 354	P	P	01 39 46.1 +0.7
R49A	Shelbysville	59.56 347	P	P	01 39 45.4 -0.3
P59A	Jarrettsville	59.57 355	P	P	01 39 46.8 +1.1
P57A	Homestead Farm	59.59 354	P	P	01 39 47.0 +1.1
Q52A	Bidwell	59.66 350	P	P	01 39 46.4 +0.1
P56A	Dayton Farm, R	59.70 353	P	P	01 39 47.9 +1.2
P60A	Greenville	59.71 356	P	P	01 39 46.9 +0.2
WCI	Wyandotte Cave	59.75 346	P	P	01 39 47.0 0.0
WCI	Wyandotte Cave	59.75 346	P	I Amb	01 39 45.7 -1.3
U40A	Yellville	59.83 340	P	P	01 39 47.5 -0.1
P55A	Reedsville	59.83 352	P	P	01 39 48.2 +0.6
Q50A	Georgetown	59.85 348	P	P	01 39 47.4 -0.3
Q51A	Peebles	59.91 349	P	P	01 39 47.7 -0.4
O61A	Allentown	59.92 357	P	P	01 39 47.9 -0.2
MCWV	Mont Chateau	59.98 352	P	P	01 39 49.1 +0.6
P54A	Burton	60.01 351	P	P	01 39 49.1 +0.3
P53A	Whipple	60.03 351	P	P	01 39 49.2 +0.3
O58A	Lewisberry	60.12 355	P	P	01 39 50.4 +0.9
Q49A	Aurora	60.19 347	P	P	01 39 49.6 -0.4
O60A	Telford	60.20 356	P	P	01 39 50.6 +0.6
O59A	Robesonia	60.24 355	P	P	01 39 50.9 +0.6
O57A	Amberson	60.27 354	P	P	01 39 51.2 +0.7
P52A	Corning	60.29 350	P	P	01 39 50.4 -0.3
Q48A	North Vernon	60.29 347	P	P	01 39 50.0 -0.7
P51A	Williamsport	60.30 349	P	P	01 39 50.7 0.0
O56A	Blue Knob Stat	60.42 353	P	P	01 39 52.5 +0.8
TUL1	Leonard	60.45 337	P	P	01 39 52.1 +0.2
O55A	Ligonier	60.45 353	P	P	01 39 52.5 +0.6
P50A	Jamestown	60.56 349	P	P	01 39 52.3 -0.3

N61A	South Mountain	60.56 357	P	P	01 39 53.5 +0.9
O54A	Avella	60.56 352	P	P	01 39 53.0 +0.4
WMOK	Wichita Mounta	60.60 334	P	P	01 39 52.6 -0.4
P49A	Miami Univ. Ec	60.66 348	P	P	01 39 52.5 -0.7
O52A	Adamsville	60.71 350	P	P	01 39 53.9 +0.3
SSPA	Standing Stone	60.72 354	P	P	01 39 53.9 +0.3
SSPA	Standing Stone	60.72 354	P	I Amb	01 39 52.3 -1.2
N60A	Cedar Hill Far	60.73 356	P	P	01 39 54.0 +0.4
PAL	Palisades	60.80 357	P	P	01 39 55.2 +1.1
N57A	Milroy	60.80 354	P	P	01 39 54.7 +0.6
N58A	Sunbury	60.81 355	P	P	01 39 54.8 +0.6
N59A	State Game Lan	60.82 356	P	P	01 39 54.1 -0.1
O51A	Pataskala	60.87 350	P	P	01 39 54.6 0.0
CCM	Cathedral Cave	60.88 342	P	P	01 39 54.7 0.0
CCM	Cathedral Cave	60.88 342	P	I Amb	01 39 53.6 -1.2
N55A	Marion Center	60.98 353	P	P	01 39 56.0 +0.6
ACSO	Alum Creek Sta	61.02 349	P	P	01 39 55.4 -0.3
N56A	West Decatur	61.04 354	P	P	01 39 56.4 +0.6
O50A	Cable	61.05 349	P	P	01 39 55.1 -0.7
M60A	Port Jervis	61.15 357	P	P	01 39 56.7 +0.1
MNTX	Cornudas Mount	61.17 327	P	P	01 39 56.8 -0.1
M62A	Hamden	61.20 358	P	P	01 39 57.0 +0.2
O49A	Covington	61.22 348	P	P	01 39 57.1 +0.1
N53A	Lisbon	61.24 351	P	P	01 39 57.4 +0.2
M64A	Tiverton	61.28 360	P	P	01 39 57.7 +0.4
N54A	Moraine State	61.28 352	P	P	01 39 57.9 +0.4
M58A	Priest Panora	61.32 355	P	P	01 39 58.6 +0.9
M57A	Sunshine Farm,	61.34 355	P	P	01 39 58.2 +0.4
N52A	McCinn's Farm,	61.37 351	P	P	01 39 58.1 +0.1
M59A	Waymart	61.41 356	P	P	01 39 59.3 +1.0
O48A	Farmland	61.45 348	P	P	01 39 58.2 -0.4
N50A	Nevada	61.57 349	P	P	01 39 59.4 0.0
N51A	Ashland	61.58 350	P	P	01 39 59.2 -0.2
M56A	Emporium	61.59 354	P	P	01 40 00.0 +0.6
L63A	North Scituate	61.59 359	P	P	01 39 59.3 -0.2
M55A	Ridgway	61.63 353	P	P	01 40 00.2 +0.4
L64A	Middleborough	61.66 0	P	P	01 40 00.1 +0.2
M54A	Oil Creek Stat	61.78 353	P	P	01 40 01.1 +0.3
L60A	Shokan	61.79 357	P	P	01 40 01.3 +0.5
M53A	Wl Miller and	61.84 352	P	P	01 40 01.4 +0.2
N49A	Columbus Grove	61.90 349	P	P	01 40 01.2 -0.4
L58A	Harry Jones Me	61.94 356	P	P	01 40 02.5 +0.6
M51A	Elyria	61.96 350	P	P	01 40 02.1 +0.1
L57A	Andrews Acres	61.98 355	P	P	01 40 02.3 +0.2
SFIN	Lafayette	61.98 346	P	P	01 40 01.3 -0.8
N48A	Decatur	62.00 348	P	P	01 40 01.7 -0.6
M52A	Chesterland	62.04 351	P	P	01 40 02.3 -0.2
VNA3	Neumayer Olymp	62.04 161	P	P	01 40 03.5 +1.3
L59A	Walton	62.04 356	P	P	01 40 03.3 +0.8
BINY	Binsaman	62.11 356	P	P	01 40 03.9 +0.9
N47A	Urbana	62.16 347	P	P	01 40 02.7 -0.6
M50A	Fremont	62.17 350	P	P	01 40 03.0 -0.3
L56A	Greenwood	62.17 354	P	P	01 40 03.9 +0.4
L61B	Northampton	62.20 358	P	P	01 40 03.6 0.0
HRV	Adam Dzewonsk	62.24 359	P	P	01 40 04.2 +0.4
VNA1	Neumayer-Stat	62.26 160	P	P	01 40 04.6 +2.3
L53A	Girard	62.29 352	P	P	01 40 04.2 0.0
L55A	Hinsdale	62.30 354	P	P	01 40 04.8 +0.4
M49A	Liberty Center	62.40 349	P	P	01 40 04.5 -0.5
ERPA	Erie	62.42 352	P	P	01 40 05.4 +0.4
ERPA	Erie	62.42 352	P	P	01 40 03.1 -1.9
K63A	Dunstable	62.42 359	P	P	01 40 05.5 +0.5
K61A	Williamstown	62.44 358	P	P	01 40 05.6 +0.5
L54A	Sinclairville	62.45 353	P	P	01 40 05.9 +0.6
M47A	Cromwell	62.60 348	P	P	01 40 06.1 -0.2
K59A	Cooperstown	62.61 357	P	P	01 40 07.4 +1.0
VNA2	Neumayer-Watz	62.62 161	P	P	01 40 07.6 +1.5
K58A	Earlville	62.65 356	P	P	01 40 07.1 +0.6
K57A	Scipio Center	62.67 355	P	P	01 40 07.1 +0.4
HDIL	Hopedale	62.68 344	P	P	01 40 06.4 -0.4
K56A	Middlesex	62.71 355	P	P	01 40 07.2 +0.2
K54A	Basko Farm,	62.75 354	P	P	01 40 07.4 +0.1
K55A	Perry	62.81 354	P	P	01 40 08.0 +0.3
L48A	N Adams	62.94 349	P	P	01 40 07.9 -0.6
J62A	Henniker	62.96 359	P	P	01 40 08.4 -0.2
L49A	Milan	62.98 349	P	P	01 40 08.5 -0.2
J63A	Stratford	63.01 360	P	P	01 40 09.4 +0.5
J60A	Lant Hill Farm	63.01 358	P	P	01 40 09.7 +0.7
121A	Cookes Peak, D	63.09 325	P	P	01 40 11.0 +1.0
AAM	Ann Arbor	63.15 349	P	P	01 40 10.6 +0.7
K52A	Tillamburg	63.16 352	P	P	01 40 10.5 +0.5
J58A	Remsen	63.22 356	P	P	01 40 10.7 +0.4
K51A	Iona Station	63.22 351	P	P	01 40 10.3 -0.1
J56A	Wolcott	63.24 355	P	P	01 40 10.3 -0.2
J59A	Plesco	63.28 357	P	P	01 40 11.8 +1.0

J57A	Williamstown	63.31 356	P	P	01 40 11.5 +0.5
J54A	Appleton	63.40 354	P	P	01 40 10.7 -0.8
K50A	Casco	63.44 350	P	P	01 40 11.5 -0.3
I58A	Old Forge	63.53 357	P	P	01 40 12.6 +0.1
K49A	Clarkson	63.58 350	P	P	01 40 12.3 -0.4
I59A	Olmsteadville	63.58 358	P	P	01 40 13.1 +0.4
KSU1	Kansas State U	63.58 338	P	P	01 40 12.5 -0.3
J52A	Paris	63.59 352	P	P	01 40 12.9 +0.2
I60A	Shoreham	63.61 358	P	P	01 40 13.4 +0.5
I61A	Crofton, Fairl	63.67 359	P	P	01 40 14.6 +1.3
K48A	Perry	63.71 349	P	P	01 40 13.0 -0.7
K47A	Vermontville	63.75 348	P	P	01 40 13.1 -0.8
I57A	Carthage	63.81 356	P	P	01 40 14.0 -0.3
K46A	Dorr	63.91 348	P	P	01 40 13.9 -1.0
J48A	Bridge Port	64.14 350	P	P	01 40 16.0 -0.4
I51A	Listowel	64.21 352	P	P	01 40 16.8 -0.1
H58A	Gabriels	64.22 357	P	P	01 40 17.7 +0.8
I55A	Frankford	64.25 355	P	P	01 40 17.3 +0.2
SNA4	Sanae	64.25 161	P	P	01 40 18.1 +1.2
SNA4	Sanae	64.25 161	P	P	01 40 17.7 +0.8
J47A	Sumner	64.26 349	P	P	01 40 16.9 -0.3
H61A	Lyndonville	64.27 359	P	P	01 40 18.0 +0.7
ANMO	Albuquerque	64.29 328	P	P	01 40 17.8 0.0
H62A</					

2d 1h

Table with columns: LVC, PB10, LPAZ, etc. and rows listing station names, coordinates, and status. Includes stations like Limon Verde, IROC Station, La Paz, and various PTGA and BDFB stations.

2014 APR

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains detailed station data for various locations including Limon Verde, YKA, MKAR, AMGA, APE, etc.

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Table with columns: PTGA, BDFB, TXAR, etc. and rows listing station names, coordinates, and status. Includes stations like Pitinga, Brasilia, Warramunga, and various WAKE ISLAND stations.

MKAR Makanchi Array 145.32 33 PKPbc 02 08 47.6 -0.2
SONM Songo Array 152.16 4 PKPbc PKPbc 02 09 05.3 -0.6

MKAR Makanchi Array 145.46 33 PKPbc 02 13 42.4 -1.6
SONM Songo Array 152.08 4 PKPbc PKPbc 02 14 02.0 +0.5

KSRS Korea Array 15.63 317 P P 02 14 45.7 +1.1
ASAJ Asahiwa 17.48 3 P P 02 15 05.2 +0.1

NEIC 02 01:50:51.5-1.9, 19:80S:0.04:70.83W:0.05, h10km, 1km,
mb4.5/4, Error ellipse: s-maj=7.4km s-min=6.3km

IDC 02 01:58:07.8-1.1, 19:88S:70.97W, h0km, mb3.8/6,
mb1 3.9/8, mb1mx3.8/3.1, mbtmp3.9/8, ML4.1/1, Error

JKA Kankawa-asahi 17.48 3 P P 02 15 05.2 +0.1
SSLB Suangleung 18.61 266 P P 02 15 17.2 -0.5

IDC 02 01:50:51.5-0.8, 19:58S:70.63W, h0km, mb4.3/1.1,
mb1 4.5/13, mb1mx4.3/3.1, mbtmp4.4/13, ML4.5/2, Error

NEIC 02 01:58:10.4-1.4, 19:95S:0.03:70.9W:0.1, h2km, 7km,
mb4.0/4, Error ellipse: s-maj=13.8km s-min=3.5km

FAK Fak Fak 30.64 198 P P 02 17 11.7 -0.9
KUNNING Kunming 34.63 276 P P 02 17 48.1 +0.8

ISC 02 01:50:52.9-2.5, 19:79S:0.04:70.75W:0.07, h15km, 15km,
n54, c1865/57, mb4.2/1.1, D, Near coast of northern Chile

ISC 02 01:58:08.1-2.2, 19:93S:0.06:70.92W:0.08, h6km, 12km,
n25, c116/32, mb3.8/6, Near coast of northern Chile

WB0 Warramunga Arr 46.60 189 P Iamb Iamb 02 19 24.8 -0.8
WB0 Warramunga Arr 46.77 189 P Iamb Iamb 02 19 26.3 -0.7

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Pisagua, IPOC Station P, Minye Minye, Chusmiza, IPOC Station P, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Pisagua, IPOC Station P, Minye Minye, Chusmiza, IPOC Station P, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde, Limon Verde.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

IDC 02 01:54:07.1-1.9, 19:79S:70.82W, h0km, mb3.6/2,
mb1 4.1/3, mb1mx3.7/3.2, mbtmp3.7/3, Error ellipse:

IDC 02 02:04:07.1-2.0, 21:51S:179.96W, h0km, mb4.2/4,
mb1 4.5/4, mb1mx3.8/4.8, mbtmp4.2/4, Error ellipse:

ISC 02 02:11:16.8-1.9, 19:60S:0.03:70.97W:0.05, h15km, 15km,
n75, c173/95, mb4.0/8, Near coast of northern Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Lajitas Array, Yellowknife Arr, Warramunga Arr, Zalesovo Beam, Makanchi Array, Songo Array, Songo Array.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Lajitas Array, Yellowknife Arr, Warramunga Arr, Zalesovo Beam, Makanchi Array, Songo Array, Songo Array.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

IDC 02 01:54:04.7-1.7, 19:96S:70.99W, h0km, mb4.1/2,
mb1 4.3/4, mb1mx3.8/3.3, mbtmp4.2/4, ML3.8/2, Error

NEIC 02 02:11:09.7-0.6, 26:66N:141.144E, h19km, 6km, mb3.7/9,
mb1 3.8/13, mb1mx3.5/6.3, mbtmp4.1/13, Error ellipse:

JMA 02 02:11:10.2-0.1, 26:56N:141:51E, h121km, 5km, M4.4

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Lajitas Array, Yellowknife Arr, Warramunga Arr, Zalesovo Beam, Makanchi Array, Songo Array, Songo Array.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Lajitas Array, Yellowknife Arr, Warramunga Arr, Zalesovo Beam, Makanchi Array, Songo Array, Songo Array.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Lajitas Array, Yellowknife Arr, Warramunga Arr, Zalesovo Beam, Makanchi Array, Songo Array, Songo Array.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Limon Verde, Lajitas Array, Yellowknife Arr, Warramunga Arr, Zalesovo Beam, Makanchi Array, Songo Array, Songo Array.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr, Warramunga Arr.

Y55A	Saluda	53.97 349	P	P	02 36 43.5 +0.5
X59A	McDuffie Farm,	54.07 352	P	P	02 36 43.8 +0.1
Z50A	Ashland	54.21 344	P	P	02 36 44.1 -0.7
Z50A	Ashland	54.21 344	P	Iamb	02 36 44.2 -0.7
X56A	White Oak	54.36 350	P	P	02 36 46.3 +0.4
X55A	Gracelyn & Ava	54.44 349	P	P	02 36 46.5 +0.1
HKT	Hockley	54.58 333	P	P	02 36 48.8 +1.3
HKT	Hockley	54.58 333	P	Iamb	02 36 48.8 +1.3
W58A	RaeFord	54.59 351	P	P	02 36 48.0 +0.4
833A	Chaparral WMA,	54.83 329	P	P	02 36 50.0 +0.6
W56A	Indian Trail	54.91 350	P	P	02 36 50.6 +0.8
W54A	Cherokee Point	55.14 349	P	P	02 36 53.0 +1.5
V59A	Middlesex	55.20 353	P	P	02 36 52.2 +0.4
V58A	Windy Hill, Pi	55.34 352	P	P	02 36 53.0 +0.1
V57A	Coltrane Farms	55.52 351	P	P	02 36 53.9 -0.3
U59A	Littleton	55.73 353	P	P	02 36 55.7 0.0
V54A	Nebo	55.77 349	P	P	02 36 55.9 -0.2
TKL	Tuckaleechee C	56.01 347	P	P	02 36 56.7 -1.0
TKL	Tuckaleechee C	56.01 347	P	Iamb	02 36 56.7 -1.0
V52A	Sievierville	56.15 347	P	P	02 36 58.2 -0.5
V52A	Sievierville	56.15 347	P	Iamb	02 36 58.2 -0.5
T59A	Double "B" Far	56.31 353	P	P	02 37 00.3 +0.5
T59A	Double "B" Far	56.31 353	P	P	02 37 00.3 +0.5
U55A	Tad, Sparta	56.32 350	P	P	02 36 59.7 -0.3
OXF	Oxford	56.36 342	P	P	02 36 59.5 -0.8
T58A	Grand View Acr	56.40 353	P	P	02 37 00.5 0.0
PLAL	Pickwick Lake	56.41 343	P	P	02 36 59.7 -0.9
PLAL	Pickwick Lake	56.41 343	P	Iamb	02 37 01.5
U54A	Nelsons Ferry	56.47 349	P	P	02 37 01.5 +0.4
T57A	Hurt	56.54 352	P	P	02 37 02.0 +0.5
T56A	Rocky Mt	56.68 351	P	P	02 37 02.9 +0.4
WLAR	White Oak Lake	56.82 338	P	P	02 37 04.5 +1.0
T55A	Pulaski	56.88 350	P	P	02 37 05.0 +1.0
WHTX	Lake Whitney,	57.04 333	P	P	02 37 05.3 +0.2
T53A	Wise	57.05 349	P	P	02 37 05.4 +0.1
T51A	Gray	57.31 347	P	P	02 37 07.0 0.0
R58B	Mineral	57.33 353	P	P	02 37 06.8 -0.3
R58B	Mineral	57.33 353	P	P	02 37 07.7 +0.6
R58B	Mineral	57.33 353	P	Iamb	02 37 19.2
WVT	Waverly	57.43 344	P	P	02 37 06.3 -1.4
WVT	Waverly	57.43 344	P	P	02 37 06.7 -1.1
WVT	Waverly	57.43 344	P	Iamb	02 37 21.1
S55A	Lewisburg	57.48 351	P	P	02 37 09.0 +0.7
T50A	Nancy	57.55 347	P	P	02 37 08.3 -0.3
R58A	Rapidan	57.67 353	P	P	02 37 11.0 +1.6
R57A	Stanardsville	57.73 353	P	P	02 37 10.0 +0.1
MIAR	Mount Ida	57.76 338	P	P	02 37 09.9 -0.3
MIAR	Mount Ida	57.76 338	P	P	02 37 10.1 -0.1
MIAR	Mount Ida	57.76 338	P	Iamb	02 37 11.3
T49A	Edmonton	57.78 346	P	P	02 37 09.5 -0.8
T49A	Edmonton	57.78 346	P	P	02 37 09.5 -0.8
TXAR	Lajitas Array	57.82 326	P	P	02 37 10.4 -0.5
TXAR	Lajitas Array	57.82 326	P	P	02 37 10.7 -0.2
TX32	Lajitas Array	57.82 326	P	P	02 37 11.0 +0.1
T47A	Sharon Grove	58.05 345	P	P	02 37 11.6 -0.5
S50A	Richmond	58.09 347	P	P	02 37 12.9 +0.4
Q58A	Fox Den Farm,	58.27 354	P	P	02 37 14.5 +0.8
W39A	Magazine	58.42 338	P	P	02 37 15.1 +0.3
Q57A	Strasburg	58.45 353	P	P	02 37 16.1 +1.2
ABTX	Abilene, Hawle	58.54 331	P	P	02 37 16.6 +0.8
Q55A	Duckhannon	58.62 351	P	P	02 37 17.3 +1.1
Q53A	Leroy	58.70 350	P	P	02 37 17.2 +0.4
Q54A	Coxs Hills	58.72 351	P	P	02 37 16.9 +0.1
U40A	Yellville	59.15 339	P	P	02 37 19.8 -0.1
Q51A	Allentown	59.17 357	P	P	02 37 20.7 +0.9
Q51A	Peebles	59.18 349	P	P	02 37 20.5 +0.4
P54A	Burton	59.27 351	P	P	02 37 21.5 +0.8
P53A	Whipple	59.30 350	P	P	02 37 21.6 +0.8
Q59A	Robesonia	59.49 355	P	P	02 37 23.4 +1.2
Q56A	Blue Knob Stat	59.68 353	P	P	02 37 25.0 +1.5
O55A	Ligonier	59.71 352	P	P	02 37 23.8 +0.1
TUL1	Leonard	59.79 337	P	P	02 37 24.6 +0.3
CCM	Cathedral Cave	60.19 341	P	P	02 37 27.4 +0.4
N55A	Marion Center	60.24 353	P	P	02 37 28.1 +0.8
N54A	Moraine State	60.54 352	P	P	02 37 30.2 +0.8
M58A	Price's Panora	60.57 355	P	P	02 37 30.8 +1.2
MNTX	Cornudas Mount	60.59 326	P	P	02 37 29.6 -0.3
M59A	Waymart	60.66 356	P	P	02 37 31.0 +0.8
M55A	Ridgway	60.89 353	P	P	02 37 32.2 +0.5
M57A	Muleshoe	61.11 330	P	P	02 37 33.5 0.0
N49A	Columbus Grove	61.18 348	P	P	02 37 33.8 +0.1
N48A	Decatur	61.28 348	P	P	02 37 33.7 -0.6
L59A	Walton	61.28 356	P	P	02 37 35.2 +0.8
L54A	Sinclairville	61.71 353	P	P	02 37 38.1 +0.9
VNA3	Neumayer Olymp	62.73 161	P	P	02 37 45.0 +1.2
VNA1	Neumayer-Stat	62.95 161	P	P	02 37 46.6 +1.4
VNA2	Neumayer-Watz	63.31 161	P	P	02 37 48.8 +1.1
ANMO	Albuquerque	63.70 328	P	P	02 37 50.7 -0.2
ANMO	Albuquerque	63.70 328	P	P	02 37 51.5 +0.6
ANMO	Albuquerque	63.70 328	P	P	02 37 49.9 -1.1
G62A	West of Eustis	64.18 0	P	P	02 37 54.9 +1.2

T25A	Trinidad	64.46 331	P	P	02 37 56.6 +0.6
G53A	Haliburton	64.49 354	P	P	02 37 56.9 +1.3
SNA4	SNA4	64.94 161	P	P	02 37 59.5 +1.1
SNA4	Sanae	64.94 161	P	P	02 37 59.0 +0.6
F60A	Warwick	64.94 359	P	P	02 37 59.9 +1.3
F51A	Armstrong	65.42 353	P	P	02 38 01.9 +0.2
SDCO	Great Sand Dun	65.46 330	P	P	02 38 03.4 +0.9
E56A	St. Veronique	65.62 357	P	P	02 38 03.9 +0.9
E53A	Dumoine, Ponti	65.64 355	P	P	02 38 03.7 +0.6
E54A	Lac Daplat, Po	65.66 355	P	P	02 38 03.8 +0.6
D57A	Chemin Vers le	66.04 358	P	P	02 38 07.0 +1.3
D58A	Chemin du LacG	66.09 358	P	P	02 38 07.2 +1.3
S22A	4UR Ranch, Cre	66.11 329	P	P	02 38 07.5 +0.9
D56A	ZEC Mazanza, M	66.11 373	P	P	02 38 07.4 +1.3
D55A	Saint-Anne-du	66.12 356	P	P	02 38 06.7 +0.6
Q24A	Divide	66.28 331	P	P	02 38 08.7 +0.9
D54A	Lac Fusel, La	66.33 356	P	P	02 38 07.4 -0.2
M50A	Mesa Verde	66.50 328	P	P	02 38 10.4 +1.3
D51A	Lot 18 Range I	66.51 354	P	P	02 38 08.9 +0.2
D50A	G1974 Best Tow	66.64 353	P	P	02 38 09.5 0.0
D47A	Chapleau	66.95 351	P	P	02 38 11.3 -0.2
ECSO	EROS Data Cent	67.04 340	P	P	02 38 11.4 -0.7
ISCO	Idaho Springs	67.17 331	P	P	02 38 14.0 +0.6
SPMN	Marine on St.	67.26 343	P	P	02 38 13.9 +0.5
SMCO	Snowmass	67.30 330	Iamb	Iamb	02 38 16.7
IRM	Iron Mountain	67.89 321	P	P	02 38 19.5 +1.7
N23A	Red Feather La	68.21 332	P	P	02 38 20.9 +1.0
SUSD	Miller	68.45 339	P	P	02 38 22.8 +1.8
GMRC	Granite Mounta	68.63 321	P	P	02 38 23.7 +1.2
O20A	White River Ci	68.66 330	P	P	02 38 23.3 +0.7
MAT0	Matagami	69.00 355	P	P	02 38 23.8 -0.5
TPNV	Topopah Spring	70.48 323	P	P	02 38 35.5 +1.6
MPMC	MAKKE Prospec	70.59 321	P	P	02 38 35.4 +0.8
ISA	Isabella, Lake	70.91 320	P	P	02 38 38.5 +2.0
AGM1	Agassiz Nation	70.92 343	P	P	02 38 35.5 -0.6
DUGM	Dugway, Tooele	70.96 327	P	P	02 38 38.2 +1.4
R11A	Troy Canyon, C	71.09 324	P	P	02 38 38.9 +1.2
CWC	Cottonwood Cre	71.20 321	P	P	02 38 39.9 +1.5
PKM	Mpherson Peak	71.21 319	P	P	02 38 39.5 +1.1
PDAR	Pinedale Array	71.33 331	P	P	02 38 38.6 -0.4
ELK	Elko	72.62 326	P	P	02 38 46.3 -0.5
NVAR	Mina Array	72.68 323	P	P	02 38 48.1 +0.9
ULM	Lac du Bonnet	72.69 343	P	P	02 38 45.6 -1.2
ULM	Lac du Bonnet	72.69 343	Iamb	Iamb	02 39 01.1
RLMT	Red Lodge	73.05 333	P	P	02 39 50.2 +0.9
SCHO	Schefferville	73.89 2	P	P	02 38 53.0 -0.7
SCHO	Schefferville	73.89 2	P	P	02 38 52.8 -0.9
DLMT	Dillon	74.73 331	P	P	02 38 57.9 -1.1
EGMT	Eagleton	75.55 334	P	P	02 39 04.8 +1.3
O03E	Paynes Creek	75.94 322	P	P	02 39 05.9 -0.2
M04C	M04C	76.94 323	P	P	02 39 13.0 +1.3
J05D	Fort Rock, OR	77.60 325	P	P	02 39 17.0 +1.6
J04D	Umpqua Nation	78.05 324	P	P	02 39 19.2 +1.8
I05D	Terrebonne, OR	78.35 326	P	P	02 39 21.5 +1.5
VNDA	Vanda	78.72 190	P	P	02 39 23.1 +2.2
NEW	Newport	78.97 330	P	P	02 39 22.8 +0.1
NEW	Newport	78.97 330	P	P	02 39 23.5 +0.8
B05A	Bryant	81.36 328	P	P	02 39 36.7 +1.2
D03D	Eldon	81.38 327	P	P	02 39 37.2 +1.5
A04D	Lummi Island	81.97 328	P	P	02 39 40.6 +1.9
FRB	Frobisher Bay	82.77 1	P	P	02 39 42.0 -0.6
YKA	Yellowknife Ar	85.53 341	P	P	02 40 11.1 -0.1
DLBC	Dease Lake	91.44 333	P	P	02 40 25.2 +0.1
INK	Inuvik	98.28 340	P	P	02 40 55.3 -0.6
H1S2	WAKE ISLAND	Ht25.84 279	T	T	05 06 01.6
H1S1	WAKE ISLAND	Ht25.85 279	T	T	05 06 02.0
H1S3	WAKE ISLAND	Ht25.86 279	T	T	05 05 41.9
H1S4	WAKE ISLAND	Ht25.87 281	T	T	05 05 28.9
H1N2	WAKE ISLAND	Ht25.89 281	T	T	05 05 28.5
H1N1	WAKE ISLAND	Ht25.89 281	T	T	05 05 30.5
ASAR	Atkasut Array	144.78 33	PKP	PKPdf	02 46 30.8 -0.7
ZALV	Zalesovo Beam	140.63 23	PKP	PKPdf	02 46 48.2 -0.1
MKAR	Makanchi Array	144.78 33	PKP	PKPab	02 46 55.3 +0.4
USRK	Ussuriysk Ar	148.71 328	PKPbc	PKPbc	02 47 05.3 -1.0
USRK	Ussuriysk Ar	148.71 328	PKPbc	PKPdf	02 47 01.9 -0.7
MJAR	Matushiro Arr	149.33 310	PKPbc	PKPbc	02 47 07.8 -0.4
MJAR	Matushiro Arr	149.33 310	PKPbc	PKPdf	02 47 02.4 -1.5
HYB	Hyderabad	150.83 89	PKP	PKPbc	02 47 12.0 -0.4
SONM	Songrio Array	151.42 4	PKPbc	PKPbc	02 47 12.9 -0.1
CD2	Chengdu	167.40 22	PKP	PKPdf	02 47 24.6 -1.1

-2.6569, Plg12.0000°, Azm284.0000°;
 IDC 02 02:32:47.2 0.8, 19:675x:70.89W, h4km, mb4.3/15,
 mb1 4.5/18, mb1mx4.3/48, mbtmp4.3/18, ML4.4/3 Error
 ellipse: s-maj=27.8km s-min=17.8km az=33.0
 GUC 02 02:32:49.7 0.8, 19:845x:70.93W, h37km, 2km, ML4.7
 NEIC 02 02:32:51.1 1.7, 19:815x:02:70.94W, 0.05, h35km, 1km,
 mb4.7/104, Mw4.9/27, ML4.7(GUC), Error ellipse:
 s-maj=8.4km s-min=4.2km az=77.0
 ISC 02 02:32:48.6 0.7, 19:835x:03:70.96W, 0.04, h15km, 4km,
 n369, s1925/357, mb4.7/54, 1C, Near coast of northern
 Chile

Code	Station Name	Δ°	AZ°	Op	Phase ID	ISC	Time	Res
							h m s	ISC
PSGC	Pisagua	0.82	74	eS		Pg	02 33 04.2	-0.3
PSGC	Pisagua	0.82	74	eS		Sg	02 33 15.2	-0.1
PSGC	Pisagua	0.82	74	eS		Pg	02 33 04.2	-0.3
PSGC	Pisagua	0.82	74	eS		Sg	02 33 15.2	-0.1
TA01	Diego Aracena	1.04	135	eS		Pg	02 33 08.0	-0.7
TA01	Diego Aracena	1.04	135	eS		Sg	02 33 21.3	-0.9
TA01	Diego Aracena	1.04	135	eS		Pg	02 33 25.1	
TA01	Diego Aracena	1.04	135	eS		Sg	02 33 25.1	
comp=E,23um,0.5s	IPOC Station P	1.23	87	iP		Pb	02 33 11.1	-0.6
comp=N,40um,0.2s								

X56A	White Oak	54.86	350	P	P	02 42 18.3	-0.1
BIRD	Birtown, Kers	54.92	350	I	Amb	02 42 20.3	
W60A	Pink Hill	54.95	353	P	P	02 42 19.9	+0.8
W58A	Raeoford	55.11	352	P	P	02 42 20.3	+0.1
X54A	Belton	55.15	349	P	P	02 42 20.6	+0.1
833A	Chaparral WMA,	55.20	329	P	P	02 42 21.3	+0.3
W57A	Gilead	55.35	351	P	P	02 42 22.1	+0.2
W56A	Indian Trail	55.42	350	P	P	02 42 22.3	-0.2
KM5C	Kings Mountain	55.55	350	P	P	02 42 23.4	0.0
W54A	Cherokee Point	55.64	349	P	P	02 42 24.2	+0.1
X51A	Calhoun	55.69	346	P	P	02 42 24.4	+0.1
V59A	Middlesex	55.72	353	P	P	02 42 25.0	+0.5
V58A	Windy Hill, Pi	55.85	352	P	P	02 42 26.0	+0.5
V57A	Coltrane Farms	56.04	351	P	P	02 42 27.2	+0.3
V56A	Mocksville	56.07	351	P	P	02 42 27.6	+0.5
X48A	Hartselle	56.11	344	I	Amb	02 42 27.5	
V55A	Taylorsville	56.22	350	P	P	02 42 28.7	+0.5
V55A	Taylorsville	56.22	350	I	Amb	02 42 29.4	
U59A	Littleton	56.25	353	P	P	02 42 28.5	+0.2
V54A	Nebo	56.27	349	P	P	02 42 28.7	+0.1
U58A	Oxford	56.38	353	P	P	02 42 29.7	+0.5
TKL	Tuckaleechee C	56.50	347	P	P	02 42 29.4	-0.8
TKL	Tuckaleechee C	56.50	347	I	Amb	02 42 30.5	
U57A	Blanch	56.51	352	P	P	02 42 30.6	+0.3
U56A	King	56.58	351	P	P	02 42 31.5	+0.7
V52A	Sevierville	56.65	348	P	P	02 42 31.1	-0.1
Z41A	Richland Creek	56.76	338	P	P	02 42 32.8	+0.7
OXF	Oxford	56.82	342	P	P	02 42 32.2	-0.3
U55A	TA2, Sparta	56.83	350	P	P	02 42 32.8	+0.2
TS9A	Double "B" Far	56.83	354	P	P	02 42 33.0	+0.5
TS9A	Double "B" Far	56.83	354	I	Amb	02 42 33.6	
PLAL	Pickwick Lake	56.88	343	I	Amb	02 42 33.1	
TS8A	Grand View Acr	56.92	353	P	P	02 42 33.8	+0.7
U54A	Nelsons Funny	56.98	350	P	P	02 42 33.6	0.0
TS7A	Hurt	57.06	352	P	P	02 42 34.4	+0.3
TS6A	Rocky Mt	57.19	351	P	P	02 42 35.7	+0.6
JCT	Junction City	57.20	330	P	P	02 42 35.7	+0.4
TZTN	Tazewell	57.31	348	P	P	02 42 34.9	-1.0
TS5A	Pulaski	57.39	351	P	P	02 42 36.8	+0.3
WHTX	Lake Whitney,	57.44	333	P	P	02 42 37.1	+0.2
TS4A	Tazewell	57.46	350	P	P	02 42 37.0	0.0
CLTN	Cedars of Leba	57.49	345	I	Amb	02 42 37.4	
TS3A	Wise	57.55	349	P	P	02 42 37.3	-0.4
U49A	Red Boiling Sp	57.76	346	P	I	02 42 38.5	-0.5
S56A	Natural Bridge	57.77	352	P	P	02 42 39.8	+0.7
S57A	Dark Hollow, R	57.77	353	P	P	02 42 39.7	+0.6
TS1A	Gray	57.80	348	P	P	02 42 39.2	-0.1
R58B	Mineral	57.85	354	P	P	02 42 40.4	+0.7
WVT	Waverly	57.90	344	P	P	02 42 39.2	-0.9
WVT	Waverly	57.90	344	P	I	02 42 39.0	-1.0
S55A	Lewisburg	57.99	351	P	P	02 42 41.1	+0.4
TS0A	Nancy	58.04	347	P	P	02 42 40.3	-0.7
TXAR	Lajitas Array	58.17	326	P	P	02 42 42.9	+0.6
MIAR	Mount Ida	58.20	338	P	P	02 42 42.1	-0.2
R57A	Stanardsville	58.25	353	P	P	02 42 43.1	+0.6
T49A	Edmonton	58.27	346	P	P	02 42 42.2	-0.5
W41B	Gary Mavity, V	58.31	340	P	P	02 42 42.6	-0.3
S51A	Beattyville	58.38	348	P	P	02 42 42.7	-0.8
R55A	Marlinton	58.44	352	P	P	02 42 44.4	+0.5
R54A	Victor	58.47	351	P	P	02 42 44.1	+0.1
S50A	Richmond	58.58	348	P	P	02 42 44.6	-0.2
W39A	Magazine	58.86	338	P	P	02 42 47.6	+0.9
S49A	Springfield	58.87	347	P	P	02 42 46.2	-0.6
ABTX	Abilene, Hawle	58.93	332	P	P	02 42 47.7	+0.3
Q57A	Strasburg	58.97	353	P	P	02 42 47.9	+0.5
R51A	Hillsboro	59.02	348	P	P	02 42 47.4	-0.4
Q56A	Snyder Ridge,	59.06	353	P	P	02 42 47.7	-0.5
Q55A	Buckhannon	59.13	352	P	P	02 42 49.2	+0.5
R50A	Paris	59.15	348	P	P	02 42 48.3	-0.4
Q53A	Leroy	59.21	350	P	P	02 42 49.4	+0.2
Q54A	Coxs Mills	59.23	351	P	P	02 42 49.3	0.0
P61A	Hammonton	59.30	357	P	P	02 42 49.4	-0.3
P58A	Pank, Wackersv	59.30	354	P	P	02 42 50.7	+1.0
P59A	Jarrettsville	59.35	355	P	P	02 42 51.3	+1.2
P57A	Homestead Farm	59.37	354	P	P	02 42 50.8	+0.6
P56A	Dayton Farm, R	59.48	353	P	P	02 42 52.0	+1.1
WC1	Wyandotte Cave	59.52	346	P	P	02 42 50.9	-0.3
U40A	Yellville	59.59	340	P	P	02 42 51.8	0.0
U40A	Yellville	59.59	340	I	Amb	02 42 50.8	-1.0
P55A	Reedsville	59.60	352	P	P	02 42 52.7	+0.8
Q51A	Peebles	59.68	349	P	P	02 42 52.5	0.0
MCWV	Mont Chateau	59.76	352	P	P	02 42 53.2	+0.4

P54A	Burton	59.78	351	P	P	02 42 53.4	+0.3
P53A	Whipple	59.80	351	P	P	02 42 53.5	+0.2
HHAR	Hobbs	59.89	339	I	Amb	02 42 55.3	
O57A	Amberson	60.05	354	P	P	02 42 55.4	+0.5
O56A	Blue Knob Stat	60.20	353	P	P	02 42 56.6	+0.6
TUL1	Leonard	60.22	337	P	P	02 42 56.0	-0.1
TUL1	Leonard	60.22	337	P	P	02 42 55.7	-0.5
O55A	Ligonier	60.23	353	P	P	02 42 56.3	+0.1
P50A	Jamestown	60.33	349	P	P	02 42 56.0	-0.9
WMOK	Wichita Mounta	60.37	334	P	P	02 42 56.9	-0.4
P49A	Miami Univ. Ec	60.44	348	P	P	02 42 57.0	-0.5
O52A	Adamsville	60.49	350	P	P	02 42 57.3	-0.6
N60A	Cedar Hill Far	60.51	356	P	P	02 42 59.3	+1.3
P48A	Milroy	60.51	347	P	P	02 42 56.5	-1.6
O53A	New Philadelph	60.52	351	P	P	02 42 58.3	+0.1
N57A	Milroy	60.58	354	P	P	02 42 59.9	+1.3
PAL	Palissas	60.58	357	P	P	02 42 59.3	+0.8
N59A	State Game Lan	60.60	356	P	P	02 42 58.8	+0.2
O51A	Pataskala	60.64	350	P	P	02 42 59.2	+0.2
CCM	Cathedral Cave	60.65	342	P	P	02 42 58.6	-0.5
N55A	Marion Center	60.76	353	P	P	02 43 00.6	+0.8
AC50	Alum Creek Sta	60.79	349	P	P	02 42 59.9	0.0
MNTX	Cornudas Mount	60.95	327	P	P	02 43 00.8	-0.5
MNTX	Cornudas Mount	60.95	327	I	Amb	02 43 02.1	
S39A	Bolivar	60.96	340	I	Amb	02 43 01.8	
M58A	Panora	61.10	355	P	P	02 43 02.8	+0.7
N52A	McGinn's Farm,	61.15	351	P	P	02 43 02.2	-0.2
O48A	Farmland	61.22	348	P	P	02 43 02.4	-0.5
N50A	Nevada	61.34	349	P	P	02 43 03.5	-0.2
N51A	Ashland	61.36	350	P	P	02 43 03.2	-0.6
M56A	Emporium	61.37	354	P	P	02 43 04.1	+0.3
L63A	North Scituate	61.38	359	P	P	02 43 04.0	+0.1
M55A	Ridgway	61.41	353	P	P	02 43 04.6	+0.4
MSTX	Muleshoe	61.49	330	P	P	02 43 04.7	-0.3
M54A	Oil Creek Stat	61.55	353	P	P	02 43 05.3	+0.1
M53A	WI Miller and	61.62	352	P	P	02 43 05.8	+0.3
N49A	Columbus Grove	61.67	349	P	P	02 43 05.6	-0.4
L58A	Harry Jones Me	61.73	356	P	P	02 43 06.8	+0.5
AMTX	Amarillo	61.75	332	P	P	02 43 05.7	-1.0
N48A	Decatur	61.78	348	P	P	02 43 06.0	-0.6
L59A	Walton	61.82	357	P	P	02 43 07.8	+0.9
L59A	Walton	61.82	357	I	Amb	02 43 17.9	
L56A	Greenwood	61.95	354	P	P	02 43 08.3	+0.5
L53A	Girard	62.07	352	P	P	02 43 08.8	+0.3
L55A	Hinsdale	62.08	354	P	P	02 43 09.1	+0.4
M49A	Liberty Center	62.17	349	P	P	02 43 08.8	-0.5
ERPA	Erie	62.20	352	P	P	02 43 09.5	0.0
L54A	Sinclairville	62.23	353	P	P	02 43 09.9	+0.3
VNA3	Neumayer-Olymp	62.27	161	P	P	02 43 12.5	+2.8
WVNY	West Valley, N	62.32	354	P	P	02 43 09.9	-0.4
K57A	Scipio Center	62.46	355	P	P	02 43 11.0	-0.1
K54A	Basin Farm,	62.53	354	P	P	02 43 11.9	+0.2
K55A	Perry	62.59	354	P	P	02 43 10.4	-1.7
L48A	N Adams	62.71	349	P	P	02 43 12.2	-0.7
L49A	Milan	62.75	349	P	P	02 43 12.6	-0.6
VNA2	Neumayer-Watz	62.86	161	P	P	02 43 15.7	+2.2
T21A	Peak, D	62.86	325	P	P	02 43 15.2	+0.8
J59A	Piesco	63.06	357	P	P	02 43 16.2	+1.0
I58A	Old Forge	63.31	357	P	P	02 43 16.9	+0.1
J52A	Paris	63.36	352	P	P	02 43 17.1	-0.1
I59A	Olmsteadville	63.37	358	P	P	02 43 17.9	+0.7
I60A	Shoemah	63.39	358	P	P	02 43 16.3	-0.1
I57A	Carthage	63.60	356	P	P	02 43 19.2	+0.5
LBNH	Paris	63.76	359	P	P	02 43 20.7	+0.9
I51A	Listowel	63.99	352	P	P	02 43 21.1	-0.2
H58A	Gabriels	64.00	357	P	P	02 43 22.3	+0.9
ANMO	Albuquerque	64.06	328	P	P	02 43 22.5	+0.2
ANMO	Albuquerque	64.06	328	P	P	02 43 22.9	+0.6
ANMO	Albuquerque	64.06	328	P	P	02 43 21.5	-0.7
H57A	Richville	64.10	356	P	P	02 43 22.6	+0.6
H59A	Cadyville	64.21	358	P	P	02 43 23.6	+0.9
H56A	Elgin	64.29	356	P	P	02 43 24.1	+0.9
TUC	Tucson	64.35	323	P	P	02 43 24.2	+0.2
SNA4	Sanae	64.48	161	P	P	02 43 24.9	+0.5
SNA4	Sanae	64.48	161	I	Amb	02 43 24.0	-0.3
SADO	comp=Z,7.9nm,1.0s	64.72	354	P	P	02 43 25.6	-0.5
G57A	Newington	64.72	357	P	P	02 43 26.6	+0.6
G58A	Orms town	64.72	358	P	P	02 43 27.0	+0.9
G62A	West of Eustis	64.73	0	P	P	02 43 27.7	+1.5
I48A	Sherman Twp	64.76	350	P	P	02 43 26.1	-0.2
SCIA	State Center	64.78	342	P	P	02 43 27.4	+0.8
PKME	Peaks-Kenny Pk	64.80	1	P	P	02 43 27.5	+0.9
G61A	SH-Isidore-de-	64.80	360	P	P	02 43 27.5	+0.9
T25A	Trinidad	64.85	331	P	P	02 43 28.7	+1.4
JFWS	Jewell Farm	64.91	344	P	P	02 43 26.4	-1.0
G55A	Calabogie	64.98	356	P	P	02 43 28.6	+0.9
G53A	Halburton	65.01	354	P	P	02 43 28.8	+0.8

214A	Organ Pipe Nat	65.26	321	I	Amb	02 43 32.7
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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WALA, I05D, LLLB, YKA, DLBC, etc.

NEIC 02 02:40:11.6±1.5, 19:50S; 0:04:70.78W; 0.04, h10km±1km, mb4.1/3, Error ellipse: s-maj=7.3km s-min=6.2km az=192.0

ICC 02 02:40:12.1±1.7, 19:14S; 70:81W, h0km, mb4.0/2, mb1.4/1.4, mb1mx3.739, mbtmp4.1/4, ML3.9/2, Error ellipse: s-maj=4.3km s-min=36.2km az=81.0

GUC 02 02:40:14.2±1.2, 19:30S; 70:67W, h36km, 1km, ML3.4, ISC 02:40:12.5±1.6, 19:55S; 0:04:70.70W; 0.06, h17km±9km, n26, c121:36, mb4.2/4, IC-1D, Near coast of northern Chile

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

ICC 02 02:41:14.5±3.1, 19:91S; 71:07W, h0km, mb3.5/5, mb1.4/0.6, mb1mx3.738, mbtmp3.7/6, ML4.0/1, Error ellipse: s-maj=115.6km s-min=28.4km az=12.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SIV, BDFB, TXAR, etc.

NEIC 02 02:41:52.1±1.7, 10:9S; 0:1:164.3E; 0.1, h35km±2km, mb4.3/8, Error ellipse: s-maj=21.9km s-min=17.3km az=207.0

ICC 02 02:41:55.0±3.3, 19:78S; 164:08E, h48km±30km, mb3.8/7, mb1.4/1.0, mb1mx3.8/4.1, mbtmp4.2/1.0, ML4.5/3, Error ellipse: s-maj=29.1km s-min=23.4km az=114.0

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

ICC 02 02:44:04.2±2.4, 20:03S; 70:93W, h0km, mb3.9/1, mb1.4/2.2, mb1mx3.5/35, mbtmp4.0/2, ML4.0/1, Error ellipse: s-maj=101.9km s-min=51.9km az=168.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPAZ, SIV, YKA, etc.

ICC 02 02:47:14.7±1.8, 19:81S; 70:86W, h0km, mb3.5/2, mb1.3/4.4, mb1mx3.6/33, mbtmp3.9/4, ML4.2/2, Error ellipse: s-maj=47.2km s-min=35.2km az=72.0

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

NEIC 02 02:47:16.9±1.4, 19:96S; 0:03:70.68W; 0.0, h10km±1km, mb4.1/3, Error ellipse: s-maj=5.9km s-min=2.9km az=146.0

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

ICC 02 02:47:18.1±1.7, 19:90S; 0:04:70.56W; 0.06, h14km±10km, n31, c161:40, Near coast of northern Chile

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

ICC 02 02:47:51.4±2.3, 19:48S; 71:07W, h0km, mb3.7/4, mb1.4/0.5, mb1mx3.8/3.1, mbtmp3.9/5, ML3.9/1, Error ellipse: s-maj=66.4km s-min=31.1km az=5.0

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

NEIC 02 02:47:53.1±1.3, 19:47S; 0:08:70.99W; 0.04, h20km±2km, mb4.2/3, Error ellipse: s-maj=14.0km s-min=4.1km az=334.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PITA, BDFB, SDV, etc.

ICC 02 02:51:25.9±0.6, 10:78S; 164:11E, h0km, mb4.7/19, mb1.4/9.2, mb1mx4.7/39, mbtmp4.8/22, ML5.1/3, Error ellipse: s-maj=18.9km s-min=13.8km az=103.0

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

NEIC 02 02:51:28.6±1.4, 10:84S; 0:07:164.07E; 0.09, h24km±3km, mb5.0/85, Error ellipse: s-maj=12.6km s-min=9.7km az=69.0

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

ICC 02 02:51:29.8±0.4, 10:83S; 0:05:164.12E; 0.07, h29km, n150, c1940:128, mb4.9/67, 1D, Santa Cruz Islands region

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

ICC 02 02:51:29.8±0.4, 10:83S; 0:05:164.12E; 0.07, h29km, n150, c1940:128, mb4.9/67, 1D, Santa Cruz Islands region

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

ICC 02 02:51:29.8±0.4, 10:83S; 0:05:164.12E; 0.07, h29km, n150, c1940:128, mb4.9/67, 1D, Santa Cruz Islands region

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

ICC 02 02:51:29.8±0.4, 10:83S; 0:05:164.12E; 0.07, h29km, n150, c1940:128, mb4.9/67, 1D, Santa Cruz Islands region

ICC 02 02:51:29.8±0.4, 10:83S; 0:05:164.12E; 0.07, h29km, n150, c1940:128, mb4.9/67, 1D, Santa Cruz Islands region

S58A	Poland Farm, P	57.03 353	P	P	03 02 11.2 +0.3	ACSO	Alum Creek Sta	60.31 349	P	P	03 02 33.7 -0.1	F59A	Saint Guillaume	64.87 358	P	P	03 03 08.0 +4.0
CLTN	Cedars of Leba	57.03 345	I Amb	I Amb	03 02 11.4	ACSO	Alum Creek Sta	60.31 349	I Amb	I Amb	03 02 34.8	SNA4	Sanae	64.91 161	P	P	03 03 05.0 +0.7
WHXT	Lake Whitney,	57.06 333	P	P	03 02 11.5 +0.2	N56A	West Decatur	60.32 353	P	P	03 02 34.3 +0.4	SNA4	Sanae	64.91 161	P	P	03 03 03.9 -0.3
T53A	Wise	57.07 349	P	P	03 02 11.4 0.0	O50A	Cable	60.34 349	P	P	03 02 34.2 +0.1	214A	Organ Pipe Nat	64.97 321	P	P	03 03 06.8 +1.7
S59A	Mechanicsville	57.09 354	P	P	03 02 11.4 0.0	N54A	Moraine State	60.57 352	P	P	03 02 36.5 +1.0	F60A	Warwick	64.97 359	P	P	03 03 04.3 -0.4
T52A	Hallie	57.28 348	P	P	03 02 13.2 +0.4	N54A	Moraine State	60.57 352	I Amb	I Amb	03 02 45.4	KSCO	Kaye Shedlock	65.23 353	P	P	03 03 07.4 +0.6
U49A	Red Boiling Sp	57.30 346	I Amb	I Amb	03 02 13.2	M58A	Price's Panora	60.60 355	P	P	03 02 36.2 +0.5	F52A	Sundridge	62.25 333	P	P	03 03 07.4 +0.8
T51A	Gray	57.33 347	P	P	03 02 13.6 +0.5	MNTX	Cornudas Mount	60.61 326	P	P	03 02 36.1 0.0	G47A	Hillman	65.27 350	P	P	03 03 07.2 +0.5
R58B	Mineral	57.35 353	P	P	03 02 13.7 +0.4	MNTX	Cornudas Mount	60.61 326	I Amb	I Amb	03 02 36.9	E58A	La Victoria	65.40 358	P	P	03 03 08.4 +0.8
R58B	Mineral	57.35 353	I Amb	I Amb	03 02 14.9	M57A	Sunshine Farm,	60.62 355	P	P	03 02 36.1 +0.2	E57A	Chemin Saint G	65.48 357	P	P	03 03 08.6 +0.5
WVT	Waverly	57.45 344	P	P	03 02 13.5 -0.5	N52A	McGinn's Farm,	60.66 351	P	P	03 02 36.4 +0.2	SDCO	Great Sand Dun	65.48 330	P	P	03 03 09.6 +0.9
WVT	Waverly	57.45 344	P	P	03 02 12.7 -1.3	M59A	Waymart	60.69 356	P	P	03 02 36.3 0.0	BGNE	Belgrade	65.52 338	P	P	03 03 08.6 +0.1
WVT	Waverly	57.45 344	I Amb	I Amb	03 02 13.8	O48A	Farmland	60.75 347	P	P	03 02 36.6 -0.1	F49A	Sanfield	65.56 351	P	P	03 03 08.8 +0.2
S55A	Lewisburg	57.51 351	P	P	03 02 14.6 +0.2	L63A	North Scituate	60.86 359	P	P	03 02 37.3 -0.2	E56A	St. Veronique	65.65 357	P	P	03 03 10.2 +1.1
R59A	King George, V	57.51 354	P	P	03 02 14.6 +0.3	N50A	Nevada	60.87 349	P	P	03 02 36.9 -0.6	E52A	Mattawa	65.67 354	P	P	03 03 09.8 +0.5
T50A	Nancy	57.57 347	P	P	03 02 14.4 -0.4	M56A	Emporium	60.87 354	P	P	03 02 37.8 +0.2	E53A	Dumoine, Ponti	65.67 355	P	P	03 03 10.3 +1.1
S54A	Dingess, Beckl	57.66 350	P	P	03 02 15.4 -0.1	N51A	Ashland	60.88 350	P	P	03 02 36.5 -1.1	E54A	Lac Daplat, Po	65.68 355	P	P	03 03 10.2 +0.8
R58A	Rapidan	57.70 353	P	P	03 02 16.2 +0.5	M55A	Ridgway	60.92 353	P	P	03 02 37.6 -0.3	E51A	G1948 Merrick	66.00 353	P	P	03 03 11.2 -0.3
R57A	Stanardsville	57.76 353	P	P	03 02 16.7 +0.6	L64A	Middleborough	60.93 360	P	P	03 02 37.7 -0.2	D59A	Saint-Raymond	66.01 359	P	P	03 03 12.5 +1.1
MIAR	Mount Ida	57.78 338	P	P	03 02 16.6 +0.2	M54A	Oil Creek Stat	61.06 352	P	P	03 02 38.6 -0.3	D57A	Chemin Vers le	66.07 358	P	P	03 03 12.5 +0.6
MIAR	Mount Ida	57.78 338	I Amb	I Amb	03 02 17.5	M53A	Wl Miller and	61.13 352	P	P	03 02 39.3 -0.1	D62A	Allapoint, All	66.09 1	P	P	03 03 12.6 +0.6
T49A	Edmonton	57.81 346	P	P	03 02 16.2 -0.3	MSTX	Muleshoe	61.13 330	P	P	03 02 39.6 -0.1	S22A	4UR Ranch, Cre	66.11 329	P	P	03 03 13.2 +0.5
TXAR	Lajitas Array	57.84 326	P	P	03 02 16.9 -0.1	N49A	Columbus Grove	61.20 348	P	P	03 02 39.8 0.0	D58A	Chemin du LacG	66.12 358	P	P	03 03 12.4 +0.3
TXAR	Lajitas Array	57.84 326	P	P	03 02 16.0 -1.0	L58A	Harry Jones Me	61.22 356	P	P	03 02 39.7 -0.3	D56A	ZEC Mazanza, M	66.14 357	P	P	03 03 11.8 -0.5
W41B	Gary Mavity, V	57.89 339	P	P	03 02 16.7 -0.4	SFIN	Lafayette	61.29 346	P	P	03 02 39.3 -1.2	D55A	Sainte-Anne-du	66.15 356	P	P	03 03 12.4 0.0
S51A	Beattyville	57.91 348	P	P	03 02 16.1 -1.1	N48A	Decatur	61.30 348	P	P	03 02 39.4 -1.2	D61A	St Aubert, Com	66.20 0	P	P	03 03 13.0 +0.4
R55A	Marlinton	57.95 351	P	P	03 02 17.9 +0.4	AMTX	Amarillo	61.38 331	P	P	03 02 41.3 0.0	E48A	Lockeyer	66.28 351	P	P	03 03 13.7 +0.5
R54A	Victor	57.98 351	P	P	03 02 17.9 +0.2	M50A	Fremont	61.46 350	P	P	03 02 41.2 -0.3	Q24A	Divide	66.31 331	P	P	03 03 13.4 -0.5
S50A	Richmond	58.11 347	P	P	03 02 18.2 -0.4	N47A	Urbana	61.46 347	P	P	03 02 39.9 -1.7	D54A	Lac Fusel, La	66.36 356	P	P	03 03 13.5 -0.2
R53A	Hurricane	58.28 350	P	P	03 02 20.1 +0.3	L61B	Northampton	61.47 358	P	P	03 02 41.4 -0.2	D53A	Lac Vacive, Po	66.37 355	P	P	03 03 14.0 +0.3
Q58A	Fox Den Farm,	58.30 354	P	P	03 02 19.7 -0.1	HRV	Adam Dzewonsk	61.50 359	P	P	03 02 42.1 +0.3	LATQ	La Tussee	66.40 359	P	P	03 03 14.3 +0.3
LCAR	Lake Charles	58.36 341	I Amb	I Amb	03 02 20.6	L53A	Girard	61.58 352	P	P	03 02 42.0 -0.3	E47A	Iron Bridge	66.42 351	P	P	03 03 13.3 -0.8
S49A	Springfield	58.41 347	P	P	03 02 19.8 -0.8	L55A	Hinsdale	61.59 354	P	P	03 02 43.2 +0.7	MVCO	Mesa Verde	66.52 328	P	P	03 03 16.0 +0.7
R52A	Cattlettsburg	58.41 349	P	P	03 02 20.7 0.0	M49A	Liberty Center	61.70 349	P	P	03 02 42.8 -0.3	MVCO	Mesa Verde	66.52 328	I Amb	I Amb	03 03 18.1
W39A	Magazine	58.44 338	P	P	03 02 21.4 +0.5	ERPA	Erie	61.70 352	P	P	03 02 43.7 +0.5	D51A	Lot 18 Range I	66.54 354	P	P	03 03 15.1 +0.3
W39A	Magazine	58.44 338	I Amb	I Amb	03 02 22.7	K61A	Williamstown	61.71 358	P	P	03 02 43.7 +0.5	D50A	G1974 Best Tow	66.66 353	P	P	03 03 16.1 +0.5
Q57A	Strasburg	58.47 353	P	P	03 02 21.7 +0.6	L54A	Sinclairville	61.74 353	P	P	03 02 43.1 -0.3	D48A	Paudash Townsh	66.91 352	P	P	03 03 17.5 +0.2
R51A	Hillsboro	58.55 348	P	P	03 02 21.2 -0.5	M48A	Edgerton	61.85 348	P	P	03 02 44.1 -0.1	D49A	Beulah Townshi	66.95 352	P	P	03 03 17.5 0.0
ABTX	Abilene, Hawle	58.56 331	P	P	03 02 22.0 +0.1	K59A	Cooperstown	61.88 357	P	P	03 02 44.7 +0.2	D46A	Sault St. Mari	66.96 350	P	P	03 03 17.0 -0.6
Q56A	Snyder Ridge,	58.57 352	P	P	03 02 22.1 +0.3	K58A	Earlville	61.92 356	P	P	03 02 44.1 -0.5	D47A	Chapleau	66.98 351	P	P	03 03 16.9 -0.8
Q56A	Snyder Ridge,	58.57 352	I Amb	I Amb	03 02 23.9	HDIL	Hopedale	62.00 344	P	P	03 02 44.5 -0.7	E44A	Grand Marais A	67.03 349	P	P	03 03 17.9 -0.1
Q55A	Buckhannon	58.65 352	P	P	03 02 22.8 +0.4	K55A	Perry	62.09 354	P	P	03 02 45.2 -0.6	ECSD	EROS Data Cent	67.06 340	P	P	03 03 18.2 -0.1
R50A	Paris	58.68 348	P	P	03 02 22.1 -0.5	L48A	N Adams	62.24 349	P	P	03 02 45.9 -0.9	ECSD	EROS Data Cent	67.06 340	I Amb	I Amb	03 03 20.0
R50A	Paris	58.68 348	I Amb	I Amb	03 02 22.9	L49A	Milan	62.27 349	P	P	03 02 46.9 -0.1	ISCO	Idaho Springs	67.19 331	P	P	03 03 20.2 +0.6
Q53A	Leroy	58.73 350	P	P	03 02 23.1 +0.2	K52A	Tillamook	62.45 352	P	P	03 02 48.4 +0.2	ISCO	Idaho Springs	67.19 331	I Amb	I Amb	03 03 21.5
P61A	Hammonton	58.79 356	P	P	03 02 23.3 0.0	J58A	Remsen	62.49 356	P	P	03 02 50.0 +1.6	PV01	Paradox Valley	67.27 328	I Amb	I Amb	03 03 22.4
PBMO	Poplar Bluff	58.79 342	I Amb	I Amb	03 02 23.7	121A	Cookes Peak, D	62.54 325	P	P	03 02 50.1 +0.8	SPMN	Marine on St.	67.28 343	P	P	03 03 19.2 -0.5
P59A	Jarrettsville	58.84 355	P	P	03 02 22.4 -1.3	VNA3	Neumayer Olymp	62.70 161	P	P	03 02 50.7 +1.1	SMCO	Snowmass	67.32 330	I Amb	I Amb	03 03 22.8
R49A	Shelbville	58.87 347	P	P	03 02 22.6 -1.2	I59A	Olmsteadville	62.85 357	P	P	03 02 51.9 +1.1	PV13	Radium Mtn., P	67.41 328	I Amb	I Amb	03 03 23.1
P57A	Homestead Farm	58.87 353	P	P	03 02 24.6 +0.7	J52A	Paris	62.87 352	P	P	03 02 50.7 -0.3	IKP	In-Ko-Pah, Jac	67.44 319	P	P	03 03 22.4 +0.3
Q52A	Bidwell	58.95 350	P	P	03 02 23.8 -0.6	VNA1	Mesa Ymer-Stat	62.92 161	P	P	03 02 53.9 +2.8	SWSC	Sam W. Stewart	67.46 320	P	P	03 03 22.5 +1.5
Q60A	Greenville	58.98 356	P	P	03 02 24.6 0.0	KSU1	Kansas State U	62.94 338	P	P	03 02 50.1 -1.4	PV22	Blue Mesa, Par	67.49 329	I Amb	I Amb	03 03 25.6
P56A	Dayton Farm, R	58.98 353	P	P	03 02 24.9 +0.2	I61A	Oreoro, Fairl	62.94 359	P	P	03 02 51.7 +0.3	BC3	Big Chuckawall	67.74 321	P	P	03 03 24.3 +1.4
WCI	Wyandotte Cave	59.06 346	P	P	03 02 23.7 -1.5	K48A	Perry	63.01 349	P	P	03 02 51.1 -0.9	MONP2	Monument Peak	67.80 319	P	P	03 03 24.4 +0.9
P55A	Reedsville	59.11 352	P	P	03 02 25.7 +0.1	K47A	Vermontville	63.05 348	P	P	03 02 51.6 -0.6	IRM	Iron Mountain	67.91 321	P	P	03 03 25.1 +1.2
Q50A	Georgetown	59.15 348	P	P	03 02 25.7 -0.1	VNA2	Neumayer-Watz	63.29 161	P	P	03 02 55.6 +2.0	N23A	Red Feather La	68.23 332	P	P	03 03 27.1 +1.0
U40A	Yellville	59.17 339	P	P	03 02 26.0 0.0	I53A	Kortright Cn E	63.34 353	P	P	03 02 54.3 +0.3	BELC	Belle Mtn. Jos	68.30 321	P	P	03 03 28.4 +1.8
U40A	Yellville	59.17 339	I Amb	I Amb	03 02 26.7	J48A	Bridge Port	63.43 349	P	P	03 02 54.1 -0.6	GMRC	Granite Mounta	68.65 321	P	P	03 03 30.2 +1.5
O61A	Allentown	59.19 357	P	P	03 02 25.6 -0.5	H58A	Gabriels	63.49 357	P	P	03 02 55.4 +0.3	O20A	White River Ci	68.67 330	P	P	03 03 29.8 +1.0
Q51A	Peebles	59.21 349	P	P	03 02 26.3 +0.1	I51A	Listowel	63.50 352	P	P	03 02 55.6 +0.5	MATO	Matagami	69.02 355	P	P	03 03 30.7 +0.3
Q51A	Peebles	59.21 349	I Amb	I Amb	03 02 27.1	J47A	Sumner	63.56 349	P	P	03 02 55.0 -0.6	HEC	Hector,Ludlow	69.08 321	P	P	03 03 32.2 +1.9
MCWV	Mont Chateau	59.26 352	P	P	03 02 26.3 -0.3	H57A	Richville	63.59 356	P	P	03 02 56.1 +0.3	BFSC	Mount Baldy Ra	69.47 320	P	P	03 03 34.3 +0.5
P54A	Burton	59.30 351	P	P	03 02 27.3 +0.4	ANMO	Albuquerque	63.72 328	P	P	03 02 57.1 0.0	EYMN	Ely	69.47 345	P	P	03 03 32.6 -0.7
P53A	Whipple	59.32 350	P	P	03 02 27.1 +0.2	ANMO	Albuquerque	63.72 328	P	P	03 02 57.1 0.0	GSC	Goldstone, Bar	69.68 321	P	P	03 03 36.9 +1.9
H58A	Hobbs	59.47 338	I Amb	I Amb	03 02 29.7	ANMO	Albuquerque	63.72 328	P	P	03 02 56.1 -0.9	DBIC	Dimbokro	69.82 75	P	P	03 03 35.8 -0.4
Q49A	Aurora	59.49 347	P	P	03 02 27.8 -0.4	H66A	Whiting	63.86 3	P	P	03 02 57.0 -0.4	DBIC	Dimbokro	69.82 75	P	P	03 03 35.7 -0.5
O59A	Robesonia	59.52 355	P	P	03 02 28.1 -0.3	CBK5	Cedar Bluff	63.87 335	P	P	03 02 56.7 -1.1	K22A	Casper	69.90 333	P	P	03 03 36.9 +0.6
P52A	Corning	59.58 350	P	P	03 02 28.2 -0.6	FRNY	Flat Rock	63.88 358									

2014 APR

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Boulder Array, Pinedale Array, and various WRA and WRO stations.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SJI Sorong, HYB Hyderabad, and SONM Songoing Array.

ICD 02 02:56:12.7:1.1, 19.66S:70:75W, h0km, mb3.8/5, mb1 4.2/7, mb1mx3.9/30, mbmtmp3.9/7, ML3.9/2, Error ellipse: s-maj=39.5km s-min=18.3km az=59.0

NEIC 02 02:56:14.2:1.9, 19.62S:0.06:70:80W, h0.10km, 1km, mb4.4/8, Error ellipse: s-maj=10.1km s-min=5.4km az=162.0

ISC 02 02:56:15.2:2.0, 19.61S:0.05:70:70W, h0.07, h16km, n12km, n31, of574/39, mb3.9/6, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and technical parameters.

ICD 02 03:00:58.8:5.0, 20.02S:70:90W, h0km, mb3.6/1, mb1 3.9/2, mb1mx3.5/28, mbmtmp3.7/2, ML3.3/1, Error ellipse: s-maj=210.1km s-min=55.6km az=176.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and technical parameters.

ICD 02 03:01:23.0:0.5, 7.55S:122:56E, h0km, mb4.4/1/7, mb1 4.5/21, mb1mx4.4/37, mbtmp4.4/21, ML4.1/4, Error ellipse: s-maj=24.1km s-min=11.8km az=58.0

NEIC 02 03:01:25.3:1.8, 7.59S:0.04:122:57E, h0.06, h2km, 4km, mb4.6/26, Error ellipse: s-maj=7.9km s-min=5.5km az=88.0

DJA 02 03:01:26.5:0.8, 8.2S:2:12:2E, h21km, 11km, M4.8/13, mb5.8/4, mb4.7/11, ML4.7/13, ML4.8/13, Mw(m)5.3/4

ISC 02 03:01:26.9:0.4, 7.63S:0.02:122:56E:0.05, h35km, n84, of171/94, mb4.5/24, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and technical parameters.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FITZ WRO, WBA Warramunga Arr, and WRA Warramunga Arr.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AS31 Alice Springs, ASAR Alice Springs, and ASAR Alice Springs.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PMG Port Moresby, PMG Port Moresby, and PMG Port Moresby.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NWAO Narrogin (SRO), NWAO Narrogin (SRO), and NWAO Narrogin (SRO).

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RPSI Rantau Prapat, RPSI Rantau Prapat, and RPSI Rantau Prapat.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PSJ Prapat, PSJ Prapat, and PSJ Prapat.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CTM Chiang Mai Arr, CTM Chiang Mai Arr, and CTM Chiang Mai Arr.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSAR Wonju Array Be, KSAR Wonju Array Be, and KSAR Wonju Array Be.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSRK Korea Array, KSRK Korea Array, and KSRK Korea Array.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MJAR Matsushiro Arr, MJAR Matsushiro Arr, and MJAR Matsushiro Arr.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RPR Rate Peaks, RPR Rate Peaks, and RPR Rate Peaks.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM Songoing Array, SONM Songoing Array, and SONM Songoing Array.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like URZ Urewera, URZ Urewera, and URZ Urewera.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KBL Kabul, KBL Kabul, and KBL Kabul.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GAR Garm, GAR Garm, and GAR Garm.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, and ZALV Zalesovo Beam.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VWA Vanda, VWA Vanda, and VWA Vanda.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GEYT Alibek, GEYT Alibek, and GEYT Alibek.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ABKAR Akbulak array, ABKAR Akbulak array, and ABKAR Akbulak array.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, and QSPA South Pole Qui.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KBZ Khabaz, KBZ Khabaz, and KBZ Khabaz.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRTR Keskin Array B, BRTR Keskin Array B, and BRTR Keskin Array B.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ILAR Eielson Array, ILAR Eielson Array, and ILAR Eielson Array.

ICD 02 03:04:33.2:0.7, 19.81S:70:27W, h0km, mb4.1/9, mb1 4.4/12, mb1mx4.2/28, mbtmp4.2/12, ML4.3/3, Error

2014 APR

2d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IPOC Station P, LPAZ, NNA, NNA, NNA, SAML, CPUP, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DBIC, QSPA, LTY, YKA, etc.

2d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IPOC Station P, LPAZ, NNA, NNA, NNA, SAML, CPUP, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DBIC, QSPA, LTY, YKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Pisagua, Minye Minye, and various array stations.

IDC 02 03:34:32.9.0.7, 19:52S:70.48W, h0km, mb4.0/9, mb1.4/2.12, mb1mx4.1/27, mbtmp4.0/12, ML3.7/3, Error ellipse: s-maj=25.7km s-min=14.6km az=73.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pisagua, Minye Minye, Chuzmiza, and various array stations.

IDC 02 03:37:30.4.1.6, 19:98S:70.76W, h0km, mb3.7/1, mb1.4/1.3, mb1mx3.6/32, mbtmp4.0/3, ML3.9/2, Error ellipse: s-maj=57.0km s-min=29.6km az=58.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pisagua, Diego Aracena, Chuzmiza, and various array stations.

Table with columns: LPAZ, La Paz, 4.41, 34, Pn, Pb, 03 38 46.5 -3.4. Includes stations like San Ignacio, WAKE ISLAND, and various array stations.

IDC 02 03:38:54.0.1.0, 19:61S:70.74W, h0km, mb4.2/8, mb1.4/3.9, mb1mx4.0/33, mbtmp4.2/9, ML4.3/1, Error ellipse: s-maj=26.9km s-min=25.4km az=108.0

ISC 02 03:38:56.3.2.2, 19:52S:0.04:70.74W-0.07, h14km, 13km, n44, c13147, mb4.3/10, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pisagua, Minye Minye, Chuzmiza, and various array stations.

MOS 02 03:40:14.9.1.2, 19:78S:70.87W, h13km, mb5.2/14, Error ellipse: s-maj=18.0km s-min=9.1km az=122.5

IDC 02 03:40:14.7.0.5, 19:75S:70.77W, h0km, mb4.6/25, mb1.4/7.28, mb1mx4.7/26, mbtmp4.6/28, ML4.4/2, MS5.1/3, Ms1.5/1.3, ms1mx1.4/26, Error ellipse: s-maj=18.1km s-min=11.7km az=61.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pisagua, Diego Aracena, Chuzmiza, and various array stations.

GO01	Chusmiza	1.65	83	iP	Pb	03 40 46.3 -0.6
GO01				iS	Sg	03 41 10.8 +0.9
GO01				IAML		03 41 17.8
comp=N,46nm,0.4s						
GO01	Chusmiza	1.65	83		Pn	03 40 45.6 +0.3
GO01				Sn	Pn	03 41 05.9 -0.6
PB08	IPOC Station P	1.70	100	iP	Pb	03 40 46.8 -0.8
PB08				iS	Sg	03 41 11.4 +0.1
PB08				IAML		03 41 19.7
comp=N,32nm,0.7s						
PB02	IPOC Station P	1.74	146	eP	Pn	03 40 45.4 -0.8
PB02				iS	Pn	03 41 07.3 -0.9
PB01	IPOC Station P	1.79	131	iP	Pn	03 40 47.0 0.0
PB01				iS	Pn	03 41 10.1 +0.6
PB01				IAML		03 41 15.6
comp=N,22nm,0.5s						
PB01	IPOC Station P	1.79	131		Pn	03 40 46.9 0.0
PB01				Sn	Pn	03 41 08.7 -0.7
PB16	IPOC Station P	2.04	42		Pn	03 40 50.7 +0.1
PB07	IPOC Station P	2.10	152		Pn	03 40 50.9 -0.3
PB07				Sn	Pn	03 41 15.5 -1.5
PB09	IPOC Station P	2.49	141		Pn	03 40 55.7 -0.9
PB04	IPOC Station P	2.56	163		Pn	03 40 58.5 +0.9
LVC	Limon Verde	3.32	146		Pn	03 41 09.2 +1.1
comp=N,79nm,0.3s,baz=311,slow=15,SNR=5.1						
LVC				Sn	Pn	03 41 48.8 +1.3
LVC	Limon Verde	3.32	146		Pn	03 41 07.0 -1.2
LVC				Sn	Pn	03 41 45.9 0.0
LVC	Limon Verde	3.32	146		Pn	03 41 07.0 -1.2
LVC				Sn	Pn	03 41 45.9 -1.6
PB10	IPOC Station P	3.65	174		Pn	03 41 15.5 -1.5
LP42	La Paz	4.45	37		Pb	03 41 31.8 -2.8
comp=N,23nm,0.3s,baz=237,slow=8.9,SNR=7.5						
PB14	IPOC Station P	4.76	174		Pn	03 41 26.4 -1.6
NNA	Nana	9.67	323		Pn	03 42 36.5 +1.3
comp=N,2.2nm,0.3s,baz=192,slow=12,SNR=2.0						
NNA				Sn	Pn	03 44 18.6 -5.1
comp=N,7.2nm,0.3s,baz=222,slow=12,SNR=2.3						
NNA	Nana	9.67	323		Pn	03 42 36.0 +0.8
NNA	Nana	9.67	323		Pn	03 42 36.0 +0.8
SIV	San Ignacio	10.15	69		Pn	03 42 45.2 +3.5
comp=N,7.0nm,0.3s,baz=272,slow=9.7,SNR=19						
SIV				Sn	Pn	03 44 32.0 -3.3
SIV	baz=348,slow=14,SNR=1.8				LR	03 46 48.5
comp=N,6um,19.9s,baz=285,slow=40						
GO04	Tololo Observa	10.26	179		Pn	03 42 42.6 -0.8
CPUP	Villa Florida	14.07	120		Pn	03 43 40.2 -2.8
comp=N,0.6nm,0.3s,baz=309,slow=12,SNR=1.7						
CPUP				Sn	Pn	03 46 16.8 +5.6
comp=N,0.2nm,0.3s,baz=232,slow=17,SNR=3.1						
CPUP				LR		03 49 40.2
comp=N,8um,21.5s,baz=323,slow=40						
CPUP	Villa Florida	14.07	120		Pn	03 43 36.0 +0.7
CPUP	Villa Florida	14.07	120		Pn	03 43 36.0 +0.7
ATAH	Atahualpa	14.58	329		Pn	03 43 44.2 +1.5
baz=66,slow=20,SNR=1.7						
SALV	Santo Antonio	15.03	77	eP	Pn	03 43 48.1 -0.3
GOV5	Huala	15.11	183		Pn	03 43 48.3 -1.1
CLDB	Colider	17.11	61	eP	Pn	03 44 33.4 -1.1
TRCB	Terra Rica	17.30	103	eP	Pn	03 44 16.4 -1.1
PTGB	Pitanga	18.11	109	eP	Pn	03 44 28.1 +0.2
PCMB	Pacaembu	18.48	99	eP	Pn	03 44 31.8 -0.2
ARAG	Arauguiana, MT	18.67	80	eP	Pn	03 44 32.5 -1.5
ITAB	Itaboraite	18.72	117	eP	Pn	03 44 33.4 -1.1
PLTB	Pedras Altas	19.56	131	eP	Pn	03 44 44.0 +0.3
GO06	Curarehue	19.66	181	eP	Pn	03 44 43.1 -1.7
FRTB	Fartura	20.17	104	eP	Pn	03 44 50.5 0.0
CNBL	Canela	20.52	121	eP	Pn	03 44 52.6 -1.6
FLOC	Florencia	21.81	347	eP	Pn	03 45 10.4 +2.2
PTGA	Pitinga	21.84	31	eP	Pn	03 45 07.3 -1.2
comp=N,46nm,0.5s,baz=214,slow=11,SNR=15						
PTGA	Pitinga	21.84	31	eP	Pn	03 45 07.0 -1.5
PTGA				IAMB	IAMB	03 45 16.7
comp=N,152nm,1.2s						
PTGA	Pitinga	21.84	31	eP	Pn	03 45 07.1 -1.3
RCLB	Rio Claro- Sao	21.97	101	eP	Pn	03 45 08.4 -1.6
CRUC	La Cruz	22.10	344	eP	Pn	03 45 19.0 +7.3
SPB	Sao Paulo	22.14	104	eP	Pn	03 45 10.3 -1.3
BDFB	Brasilia	22.22	83	eP	Pn	03 45 10.2 -2.6
comp=N,29.0nm,0.5s,baz=286,slow=9.7,SNR=14						
BDFB	Brasilia	22.22	83	eP	Pn	03 45 10.4 -2.3
BDFB				pmax	pmax	
comp=N,56nm,1.1s						
BDFB	Brasilia	22.22	83	eP	Pn	03 45 10.4 -2.3
GARC	Garzo, Huila	22.37	348	eP	Pn	03 45 15.7 +1.3
VAO	Valinhos	22.52	102	eP	Pn	03 45 13.4 -2.5
SOTA	Rioblanco	22.56	345	eP	Pn	03 45 19.6 +2.9
PONC	Cinco Dias	22.70	346	eP	Pn	03 45 20.7 +2.5
BETC	Betania	22.84	348	eP	Pn	03 45 21.5 +2.3
PRAC	Prado	23.75	350	eP	Pn	03 45 45.0 +0.1
PARB	Parabuna	23.78	103	eP	Pn	03 45 24.7 -4.0
GR1C	Gorgona, Isla	23.81	342	eP	Pn	03 45 34.6 +5.8
VILC	Villavicencio,	23.98	353	eP	Pn	03 45 32.0 +1.4
ORTC	Ortega, Tolima	24.00	349	eP	Pn	03 45 31.3 +0.6
YOTC	Yotoco, Valle	24.29	347	eP	Pn	03 45 35.6 +2.1
CHING	Chingon, F	24.39	350	eP	Pn	03 45 35.4 -0.5
BSCB	Bom Sucesso	24.54	97	eP	Pn	03 45 35.4 +0.3
ANIL	Santa Ana	24.60	349	eP	Pn	03 45 39.0 +2.5
TOLC	Tolima	24.68	349	eP	Pn	03 45 40.3 +3.1
ROSC	El Rosal	24.77	352	eP	Pn	03 45 38.0 -0.1
comp=N,21.4nm,0.5s,baz=193,slow=19,SNR=21						
ROSC	El Rosal	24.77	352	eP	Pn	03 45 42.7 +4.5
RREF	El Recreo	24.99	350	eP	Pn	03 45 44.3 +3.9
SMTB	Santa Maria do	25.09	67	eP	Pn	03 45 39.9 -0.7
PLMC	San Jos del P	25.17	347	eP	Pn	03 45 42.9 +1.5
GUVC	Guyana, Caidas	25.31	350	eP	Pn	03 45 45.8 +2.7
SPCB	San Pablo de B	25.45	350	eP	Pn	03 45 40.2 +0.2
NORC	Norcasia	25.56	351	eP	Pn	03 45 45.6 +0.6
RUSC	La Rusia	25.68	355	eP	Pn	03 45 46.4 -0.1
JANB	Januaria	25.83	84	eP	Pn	03 45 45.8 -1.6
CB0C	Ciudad Bolivar	26.05	348	eP	Pn	03 45 53.8 +4.2
HEL0C	Santa Helena	26.28	350	eP	Pn	03 45 52.2 +0.4
PTBC	PUERTO BERRIO,	26.47	352	eP	Pn	03 45 51.1 -1.3
SOLC	Bahia Solano	26.70	346	eP	Pn	03 45 58.9 +3.7
PAMC	Pamplona, Colo	27.09	356	eP	Pn	03 45 59.5 +0.3
UREC	San Jos de Ur	27.81	350	eP	Pn	03 46 05.9 +0.7
SJMB	Sao Joao de Ma	28.09	93	eP	Pn	03 46 07.0 -0.7
BSFB	Barra Sao F	28.39	93	eP	Pn	03 46 08.4 +1.0
SDV	Santo Domingo	28.57	1	eP	Pn	03 46 11.0 -1.2
comp=N,23.3nm,0.5s,baz=193,slow=10,SNR=5.1						
SDV	Santo Domingo	28.57	1	eP	Pn	03 46 14.8 +2.6
SDV	Santo Domingo	28.57	1	eP	Pn	03 46 11.8 -0.5
SDV	Santo Domingo	28.57	1	eP	Pn	03 46 11.0 -1.2
SMLC	San Martin de	28.65	354	eP	Pn	03 46 10.8 -1.8
ARGC	Ariguani, Magd	29.71	353	eP	Pn	03 46 21.2 -0.9
SJCC	San Jacinto, C	29.87	352	eP	Pn	03 46 22.8 -0.7
PCRV	Puerto La Cruz	30.49	12	eP	Pn	03 46 28.6 -0.4
comp=N,5.8nm,0.5s,baz=229,slow=4.9,SNR=6.8						
PCRV				LR		03 59 22.1
comp=N,7um,18.6s,slow=38						
MDP	Montagnes des	30.65	38	eP	Pn	03 46 29.3 -1.1
JTS	Las Juntas de	32.93	334	eP	Pn	03 46 52.4 +1.4
comp=N,2.9nm,1.0s,baz=270,slow=4.0,SNR=2.6						
JTS	Las Juntas de	32.99	334	eP	Pn	03 46 51.3 +0.3
JTS				pmax	pmax	
comp=N,2.1nm,1.5s						
JTS	Las Juntas de	32.99	334	eP	Pn	03 46 51.3 +0.3
RCBR	Riachuelo	36.79	72	eP	Pn	03 47 24.0 0.0
comp=N,42nm,0.7s,baz=236,slow=9.4,SNR=24						
RCBR	Riachuelo	36.79	72	eP	Pn	03 47 23.7 -0.3
RCBR				pmax	pmax	
RCBR	Riachuelo	36.79	72	eP	Pn	03 47 23.7 -0.3
RCBR	Riachuelo	36.79	72	eP	Pn	03 47 23.9 0.0
SJG	San Juan	38.03	7	eP	Pn	03 47 32.9 -1.3
comp=N,25.4nm,1.0s,baz=225,slow=2.8,SNR=7.5						
SJG	San Juan	38.03	7	eP	Pn	03 47 33.2 -1.0
AOPR	Arcebio Observ	38.20	6	eP	Pn	03 47 35.1 -0.6
AOPR				IAMB	IAMB	03 47 37.8
comp=N,30nm,0.9s						
CUPR	Culebra, Puert	38.34	9	eP	Pn	03 47 38.2 +1.4
CUPR				IAMB	IAMB	03 47 45.5
comp=N,25nm,0.7s						
APG	El Apazote	39.62	30	eP	Pn	03 47 51.0 +3.1
comp=N,13nm,1.1s,baz=323,slow=2.7,SNR=7.9						
CMIG	Mattias F 026	42.93	34	eP	Pn	03 48 21.6 +1.2
comp=N,4.1nm,1.0s,baz=162,slow=6.2,SNR=5.7						
DWPF	Disney Wildern	48.76	348	eP	Pn	03 49 01.2 +0.5
553A	Crawfordville	51.43	345	eP	Pn	03 49 21.5 +0.6

ZAIG	Zacatecas	52.43	322	P	P	03 49 28.8 -0.1
TIGA	Tifton	52.44	346	P	P	03 49 28.1 -0.2
baz=165						
TIGA	Tifton	52.44	346	IAMB	IAMB	03 49 36.9
comp=N,27nm,1.2s						
255A	Hazelhurst	52.67	348	IAMB	IAMB	03 49 34.2
352A	Blakely	52.79	345	IAMB	IAMB	03 49 35.0
comp=N,55nm,1.4s						
158A	Hollywood	53.05	350	P	P	03 49 33.0 +0.1
157A	Early Branch	53.12	349	P	P	03 49 34.6 +1.2
CSU	Charleston Sou	53.27	350	P	P	03 49 35.9 +1.4
NHSC	New Hope	53.41	350	P	P	03 49 35.9 +0.4
baz=169						
Z58A	St. Stephen	53.58	351	P	P	03 49 37.1 +0.4
baz=170						
Z57A	Bowman	53.68	350	P	P	03 49 37.5 0.0
baz=169,SNR=7.5						
152A	Waverly Hall	53.88	346	IAMB	IAMB	03 49 43.1
comp=N,35nm,1.5s						
Y60A	Bolivia	54.02	353	P	P	03 49 41.2 +1.2
Y59A	Loris	54.09	352	P	P	03 49 40.9 +0.4
baz=172						
Y58A	Scranton	54.12	351	P	P	03 49 42.1 +1.5
Y58A	Scranton	54.12	351	IAMB	IAMB	03 49 51.6
comp=N,35nm,0.8s						
GOGA	Godfrey	54.31	347	P	P	03 49 42.5 +0.3
Y57A	Sumter	54.33	350	P	P	03 49 42.7 +0.4
Y57A	Sumter	54.33	350	IAMB	IAMB	03 49 46.5
comp=N,47nm,1.2s						
Y55A	Saluda	54.51	349	P	P	03 49 43.4 -0.2
baz=167						
X60A	Albert Glenn T	54.55	353	P	P	03 49 44.0 +0.2
baz=172						
X59A	McDuffie	54.62	352	P	P	03 49 44.3 -0.1
baz=171,SNR=5.9						
X58A	Rowland	54.70	352	P	P	03 49 45.1 +0.1
baz=170						
Z50A	Ashland	54.73	345	P	P	03 49 44.6 -0.6
Z50A	Ashland	54.73	345	IAMB	IAMB	03 49 48.6
comp=N,26nm,1.3s						
LRAL	Lakeview Retre	54.80	343	P	P	03 49 44.1 -1.6
baz=162						
Y52A	Libburn	54.88	347	P	P	03 49 45.5 -0.8
baz=165						
X56A	White Oak	54.90	350	P	P	03 49 46.2 -0.2
baz=168,SNR=6.2						
X55A	Gracely and Ava	54.98	349	P	P	03 49 46.6 -0.4
baz=168						
W60A	Pink Hill	54.99	353	P	P	03 49 45.6 -1.4
baz=172						
HKT	Hockley	55.03	334	P	P	03 49 46.9 -0.4
comp=N,23nm,1.4s						
HKT	Hockley	55.03	334	IAMB	IAMB	03 49 46.9 -0.4
comp=N,23nm,1.4s						
W61A	Ground Anchor	55.04	354	P	P	03 49 46.5 -0.9
baz=173						
W58A	Raeoford	55.15	352	P	P</	

058A Lewisberry baz=174	59.94 355	P	P	03 50 22.6 +0.7	M49A Liberty Center baz=172 baz=166	62.21 349	P	P	03 50 36.7 -0.6	I46A Reed City baz=165	64.87 348	P	P	03 50 53.1 -1.7
Q49A Aurora baz=165	60.00 347	P	P	03 50 22.2 -0.1	VNA3 Neumayer Olymp ERPA	62.23 361	P	P	03 50 38.3 +1.2	JFWS Jewell Farm baz=160	64.95 344	P	P	03 50 54.9 -0.4
060A Telford baz=175	60.02 356	P	P	03 50 22.9 +0.5	L54A Sinclairville baz=171,SNR=12	62.27 353	P	P	03 50 38.0 +0.3	JFWS Jewell Farm comp=Z,11nm,0.7s	64.95 344	IAmb	IAmb	03 50 59.6
PAGS Pennsylvania G comp=Z,25nm,1.2s	60.02 355	IAmb	IAmb	03 50 26.9	P40A Paris comp=Z,27nm,1.3s	62.30 342	IAmb	IAmb	03 50 41.3	G55A Calabogie baz=174	65.02 355	P	P	03 50 55.7 0.0
059A Robesonia baz=177	60.06 355	P	P	03 50 23.2 +0.5	K59A Cooperstown baz=176,SNR=0.0	62.43 357	P	P	03 50 39.5 +0.8	G53A Hallburton baz=171,SNR=7.1	65.05 354	P	P	03 50 55.9 -0.1
057A Amberson baz=173,SNR=10	60.09 354	P	P	03 50 23.7 +0.8	VNA1 Neumayer-Stat K58A	62.45 160	P	P	03 50 40.5 +2.0	G54A Lake Saint Pet baz=173	65.27 354	P	P	03 50 57.9 +0.5
P52A Corning baz=168	60.11 350	P	P	03 50 23.7 +0.7	HDIL Hopedale baz=161	62.49 344	P	P	03 50 38.5 -0.7	F63A Nahmakanta, Br baz=136	65.28 1	P	P	03 51 00.1 +2.2
Q48A North Vernon baz=164	60.11 347	P	P	03 50 23.1 +0.1	K57A Scipio Center baz=174	62.49 355	P	P	03 50 39.9 +0.7	F64A Sherman baz=180	65.46 2	P	P	03 50 58.8 +0.3
P51A Williamsport baz=167	60.12 349	P	P	03 50 24.0 +0.9	K56A Middlesex baz=173	62.53 355	P	P	03 50 39.3 -0.1	F61A Evariste baz=180	65.53 360	P	P	03 50 59.3 +0.3
P51A Williamsport comp=Z,20nm,1.2s	60.12 349	IAmb	IAmb	03 50 26.3	K54A Basliko Farm, baz=172	62.57 354	P	P	03 50 39.9 +0.2	KSCO Kaye Shetlock comp=Z,21nm,0.9s	65.66 333	IAmb	IAmb	03 51 13.8
MGMO Mountain Grove comp=Z,29nm,1.3s	60.18 340	IAmb	IAmb	03 50 27.1	K55A Perry baz=172	62.63 354	P	P	03 50 40.2 +0.2	G47A Hillman baz=167	65.79 350	P	P	03 51 00.1 -0.6
056A Blue Knob Stat baz=172,SNR=8.7	60.24 353	P	P	03 50 24.5 +0.5	L48A N Adams baz=166	62.75 349	P	P	03 50 40.5 -0.4	F52A Sundridge baz=171	65.79 354	P	P	03 51 00.1 -0.6
TUL1 Leonard baz=153	60.26 337	P	P	03 50 24.0 -0.1	J62A Henkle baz=179	62.78 359	P	P	03 50 41.0 0.0	ALGO Algonquin Park baz=173	65.82 355	P	P	03 51 00.4 -0.5
055A Ligonier baz=171	60.27 353	P	P	03 50 24.6 +0.4	L49A Milan baz=166	62.79 349	P	P	03 50 40.5 -0.6	SDCO Great Sand Dun comp=Z,21nm,0.9s	65.89 330	P	P	03 51 01.8 -0.2
P50A Jamestown baz=166	60.37 349	P	P	03 50 24.2 -0.7	VNA2 Neumayer-Watz J60A	62.81 161	P	P	03 50 41.7 +0.3	SDCO Great Sand Dun comp=Z,21nm,1.4s	65.89 330	IAmb	IAmb	03 51 08.3
N61A South Mountain baz=176	60.38 357	P	P	03 50 26.5 +1.6	319A Douglas comp=Z,16nm,0.8s	62.85 323	IAmb	IAmb	03 50 54.0	E58A La Victoria baz=177	65.96 358	P	P	03 51 02.0 +0.3
FVM French Village comp=Z,44nm,1.4s	60.39 342	IAmb	IAmb	03 50 28.4	121A Cooke's Peak, D comp=Z,18nm,1.4s	62.91 325	IAmb	IAmb	03 50 53.3	BGNE Belgrade baz=152	65.98 338	P	P	03 51 01.7 -0.4
WMOK Wichita Mounta baz=158	60.41 334	P	P	03 50 25.0 -0.3	J61A Chester baz=178	62.91 359	P	P	03 50 42.2 +0.3	E61A Lac Etchemin baz=180	65.98 0	P	P	03 51 01.4 -0.6
P49A Miami Univ. Ec baz=165	60.48 348	P	P	03 50 25.2 -0.4	K52A Triltsburg baz=170	62.98 352	P	P	03 50 41.5 -0.8	F51A Armstrong baz=171	65.98 353	P	P	03 51 01.4 -0.6
N62A Caumsett State baz=177	60.53 358	P	P	03 50 25.1 -0.8	ACCN Adirondack Com comp=Z,30nm,1.1s	62.98 358	IAmb	IAmb	03 50 47.2	E63A Oxbow baz=183	66.01 2	P	P	03 51 01.6 -0.5
052A Adamsville baz=168	60.53 350	P	P	03 50 25.8 -0.1	K51A Iona Station baz=175	63.03 351	P	P	03 50 42.7 -0.1	E57A Chemin Saint G baz=173	66.03 358	P	P	03 51 00.9 -1.4
SSPA Standing Stone baz=172	60.54 354	P	P	03 50 26.2 +0.3	J58A Remsen baz=175	63.04 356	P	P	03 50 42.7 0.0	E47A Bridgewater baz=183	66.03 2	P	P	03 51 01.4 -0.8
SSPA Standing Stone comp=Z,39nm,1.4s	60.54 354	IAmb	IAmb	03 50 30.1	N41A Harden Midland comp=Z,24nm,1.2s	63.05 343	IAmb	IAmb	03 50 47.2	F49A Sandfield baz=182	66.09 352	P	P	03 51 01.3 -1.4
P48A Milroy baz=164	60.55 347	P	P	03 50 24.6 -1.5	J56A Wolcott baz=174	63.06 355	P	P	03 50 42.9 0.0	E55A Montcerf-Lyto baz=175	66.17 356	P	P	03 51 02.6 -0.5
P48A Milroy comp=Z,25nm,1.5s	60.55 347	IAmb	IAmb	03 50 29.4	J59A Piesco baz=176	63.10 357	P	P	03 50 43.1 -0.1	E56A St. Veronique baz=176	66.20 357	P	P	03 51 02.8 -0.5
N63A Mattituck comp=Z,25nm,1.5s	60.56 359	P	P	03 50 24.7 -1.3	J57A Williamstown baz=175	63.13 356	P	P	03 50 43.6 +0.3	E52A Mattawa baz=172	66.21 354	P	P	03 51 02.6 -0.8
PAL Palisades baz=178	60.62 357	P	P	03 50 27.3 +0.8	J55A Hilton baz=173	63.13 354	P	P	03 50 43.4 0.0	E53A Dumoine, Ponti baz=173	66.21 355	P	P	03 51 03.4 0.0
N57A Milroy baz=173,SNR=6.9	60.62 354	P	P	03 50 27.0 +0.4	I58A Old Forge baz=174	63.35 357	P	P	03 50 45.3 +0.5	E54A Lac Duplat, Po baz=174	66.23 355	P	P	03 51 03.8 +0.2
N58A Sunbury baz=174	60.63 355	P	P	03 50 26.8 +0.2	K49A Clarkson baz=167	63.40 350	P	P	03 50 45.6 +0.4	F48A Evansville baz=168	66.23 351	P	P	03 51 02.7 -0.8
N58A Sunbury comp=Z,40nm,1.3s	60.63 355	IAmb	IAmb	03 50 31.4	J52A Paris baz=170	63.40 352	P	P	03 50 45.4 +0.2	E51A G1948 Merrick baz=168	66.54 354	P	P	03 51 05.5 0.0
N59A State Game Lan baz=175	60.64 356	P	P	03 50 27.6 +1.0	I59A Olmsteadville baz=170	63.40 358	P	P	03 50 45.4 +0.2	F45A CMU Biological baz=165	66.57 349	P	P	03 51 05.4 -0.3
051A Pataskala baz=167	60.69 350	P	P	03 50 25.5 -1.4	I62A Tamworth baz=177	63.43 360	P	P	03 50 44.5 -0.8	D57A Chemin Vers le baz=182	66.62 358	P	P	03 51 06.0 0.0
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	I60A Shoreham baz=178	63.43 358	P	P	03 50 46.1 +0.8	D63A Stockholm baz=183	66.64 2	P	P	03 51 05.3 -0.8
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 27.1 0.0	I64A Boothbay baz=181	63.48 1	P	P	03 50 46.5 +0.8	D62A Allapoint, All D62A	66.65 1	P	P	03 51 06.5 +0.3
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	I61A Orobou, Fairl baz=179	63.49 359	P	P	03 50 46.5 +0.8	D62A Allapoint, All D62A	66.65 1	IAmb	IAmb	03 51 06.8 +0.6
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 27.0 -0.2	K48A Perry baz=166	63.53 349	P	P	03 50 45.4 -0.6	D58A Chemin du LacG baz=182	66.67 359	P	P	03 51 06.9 +0.6
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 27.1 0.0	K47A Vermontville baz=167	63.56 348	P	P	03 50 46.4 +0.2	D56A ZEC Mazanza, M baz=176	66.69 357	P	P	03 51 06.2 -0.3
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	R32A Long Quarter, comp=Z,20nm,1.1s	63.57 336	IAmb	IAmb	03 50 52.4	D55A Sainte-Anne-du baz=175	66.70 357	P	P	03 51 06.2 -0.3
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	NCB Newcomb comp=Z,27nm,1.1s	63.59 357	IAmb	IAmb	03 50 52.4	Q24A Divide baz=145	66.72 331	P	P	03 51 08.7 +1.4
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	I63A Otisfield baz=180	63.60 0	IAmb	IAmb	03 50 48.3 +1.9	D54A Lac Fusel, La baz=174	66.90 356	P	P	03 51 07.8 0.0
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	I57A Carthage baz=180	63.64 356	P	P	03 50 47.2 +0.5	MVCO Mesa Verde baz=142	66.91 328	P	P	03 51 08.7 +0.3
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	LBNH Lisbon baz=179	63.80 359	P	P	03 50 48.5 +0.8	D53A Lac Vachiv, Po baz=173	66.91 355	P	P	03 51 07.8 0.0
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	N38A Joes South For comp=Z,39nm,1.4s	63.81 341	IAmb	IAmb	03 50 52.9	D53A Lac Vachiv, Po comp=Z,17nm,1.1s	66.91 355	IAmb	IAmb	03 51 11.9
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	I53A Kottrikt Cn E baz=171	63.87 353	P	P	03 50 49.3 +1.0	E47A Iron Bridge baz=167	66.94 351	P	P	03 51 08.8 +0.7
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	J48A Bridge Port baz=167	63.95 350	P	P	03 50 48.2 -0.6	LATQ La Tuque baz=182	66.95 359	P	P	03 51 08.7 +0.5
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	I51A Listowel baz=170	64.03 352	P	P	03 50 49.0 -0.3	LATQ La Tuque comp=Z,15nm,1.3s	66.95 359	IAmb	IAmb	03 51 18.6
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	H58A Gabriels baz=177	64.04 357	P	P	03 50 50.1 +0.7	D51A Lot 18 Range I baz=177	67.08 354	P	P	03 51 09.1 +0.2
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	J47A Summer baz=166	64.08 349	P	P	03 50 49.8 +0.2	D50A G1194 Best Tow baz=171	67.20 353	P	P	03 51 09.7 0.0
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	H61A Lyndonville baz=179	64.09 359	P	P	03 50 50.5 +0.8	D48A Paudash Townsh baz=169	67.44 352	P	P	03 51 12.0 +0.7
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	ANMO Albuquerque ANMO	64.11 328	P	P	03 50 50.8 +0.6	D49A Beulah Townshi baz=169	67.48 352	P	P	03 51 12.2 +0.7
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	ANMO Albuquerque baz=143	64.11 328	P	P	03 50 51.2 +0.9	D47A Chapleau baz=168	67.51 351	P	P	03 51 11.9 +0.2
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	ANMO Albuquerque baz=180	64.11 328	P	P	03 50 50.8 +0.6	ECSD EROS Data Cent baz=154	67.53 340	P	P	03 51 11.6 -0.3
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	H60A Morristown baz=178	64.12 360	P	P	03 50 50.4 +0.5	Y12C Blythe baz=136	67.59 322	P	P	03 51 13.4 +0.9
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	H57A Richville baz=175,SNR=6.1	64.13 359	P	P	03 50 51.0 +1.0	ISCO Idaho Springs baz=134	67.61 332	P	P	03 51 13.5 +0.6
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	H64A Troy baz=182	64.21 1	P	P	03 50 51.0 +0.5	SPMN Marine on St. baz=158	67.77 343	P	P	03 51 13.4 +0.1
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	H63A New Sharon baz=182	64.22 1	P	P	03 50 51.0 +0.6	SPMN Marine on St. comp=Z,22nm,1.2s	67.77 343	IAmb	IAmb	03 51 16.7
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	H59A Cadville baz=177,SNR=5.9	64.25 358	P	P	03 50 50.7 0.0	PV15 Paradox Valley comp=Z,20nm,1.2s	67.78 329	IAmb	IAmb	03 51 21.4
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	H65A Eastbrook baz=163	64.29 2	P	P	03 50 52.0 +1.1	PV02 Paradox Valley comp=Z,19nm,1.4s	67.80 329	IAmb	IAmb	03 51 25.0
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	CBKS Cedar Bluff baz=150	64.31 335	P	P	03 50 51.4 0.0	PV05 Paradox Valley comp=Z,18nm,1.3s	67.88 328	IAmb	IAmb	03 51 20.8
CCM Cathedral Cave CCM	60.70 342	P	P	03 50 26.9 -0.2	CBKS Cedar Bluff comp=Z,28nm,1.1s	64.31 335	IAmb	IAmb	03 50 56.2	VLDQ Val d'Or comp=Z,25nm,1.1s	67.92 3			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DBIC Dimbokro, QSPA South Pole Qui, K22A Casper, EDW2 Edwards Air Fo, RSSD Black Hills, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include YKA Yellowknife Arr, DLBC Dease Lake, KEST Kesra, GERES GERESE Array B, OBN Obninsk, BILL Bilbino, KIV Kislovodsk, NEY Neyrino, GNI Garmi, H1S2 WAKE ISLAND Hy25.77 279 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include mb4.6/6, Error ellipse: s-maj=7.9km s-min=5.4km, ISC 02 03:43:12.3z-2.1, 19:27S:0:04:70:88W,0.08,h10km±12km, n40,+c12/41,mb4.2/11,1C,Near coast of northern Chile, etc.

1.82.75000°: Principal axes: T 2.0691, Plg63.0000°, Azm62.0000°; N -0.2319, Plg70.0000°, Azm165.0000°; P -1.8372, Plg26.0000°, Azm259.0000°;

GUC 02 04:16.11.0.0.7, 19.965:70.88W, h29km, h14, ML4.9
ISC 02 04:16.09.2.1.4, 20.005:02:70.86W, 0.05, h14km, 8km, n151, e159/144, mb4.9/44, 2C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PBMO Poplar Bluff, U40A Yerville, SIUC Southern Hill, X34A Smith Ranch, HHAR Hobbs, O56A Blue Knob, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PISG Pisagua, DIEGO Diego Arcana, IPOC IPOC Station P, etc.

SJA 02 04:19.33.7.0.7, 19:31Sx72:17W, h34km, 39km, ML5.5, h4/5.5
IDC 02 04:19.46.7.0.5, 19:77S:70:84W, h0km, mb4.5/17, Mb1.4/7.2, ms1mx3.9/30, Error ellipse: s-maj=18.6km s-min=12.2km az=60.0

Azm59.0000°; N 1.9211, Plg11.0000°, Azm165.0000°; P -7.9893, Plg33.0000°, Azm262.0000°;
VAO 02 04:19.56.0.1.8, 19.905:70.82W, h4km, 12km, mb5.0
ISC 02 04:19.48.1.0.8, 19.865:02:70.99W, 0.04, h16km, 5km, n535, e142/474, mb5.0/100, 10C-1D, Near coast of northern Chile

2d 4h

SDV	Santo Domingo	28.56	1	eP	P	04 25 46.8	+3.1
SDV	Santo Domingo	28.56	1	eP	P	04 25 43.3	-0.5
SMLC	San Martin de	28.64	354	eP	P	04 25 55.4	+1.3
SJCC	San Jacinto, C	29.85	352	eP	P	04 25 55.4	+0.3
PCRV	Puerto La Cruz	30.49	12	eP	P	04 26 02.1	+1.4
	comp=Z,3nm,0.5s,baz=317,slow=3.7,SNR=5.8						
MDP	Montagnes des	30.67	38	P	P	04 26 01.5	-0.7
	comp=Z,8.8nm,0.8s,baz=215,slow=8.2,SNR=8.4						
RPN	Rapa Nui	35.80	251	LR	LR	04 38 25.9	
RCBR	Riachuelo	36.83	73	P	P	04 26 55.6	-0.4
	comp=Z,28nm,0.8s,baz=248,slow=11,SNR=16						
RCBR	Riachuelo	36.83	73	P	P	04 26 55.5	-0.4
RCBR						04 27 05.2	
MLPR	Magueyes Islan	37.79	6	P	P	04 27 03.3	-0.5
MLPR						04 27 04.9	
OBIP	Obispado Ponce	37.91	7	P	P	04 27 04.8	0.0
OBIP						04 27 13.1	
PDP	Patillas Dam,	37.95	8	P	P	04 27 03.8	-1.5
PDP						04 27 14.5	
SJG	San Juan	38.03	7	P	P	04 27 04.9	-0.9
SJG						04 27 05.5	-0.3
GPCR	Guaynabo City	38.23	8	Iamb	Iamb	04 27 18.6	
APG	El Apazote	39.59	330	P	P	04 27 21.6	+2.3
	comp=Z,5.0nm,0.9s,baz=308,slow=9.5,SNR=3.7						
CMIG	Matias Romero	43.58	326	P	P	04 27 55.7	+4.0
	comp=Z,2.8nm,0.8s,baz=159,slow=12,SNR=5.3						
656A	Wilston	50.19	347	Iamb	Iamb	04 28 43.2	0.0
656A						04 28 54.3	
TIGA	Tifton	52.42	346	P	P	04 29 00.7	+0.8
352A	Blakely	52.77	345	Iamb	Iamb	04 29 02.5	0.0
352A						04 29 12.3	
157A	Early Branch	53.11	349	P	P	04 29 05.8	+0.9
NHSC	New Hope	53.39	350	P	P	04 29 07.9	+0.9
154A	Montrose	53.45	347	P	P	04 29 08.1	+0.6
Z58A	St. Stephen	53.56	351	P	P	04 29 09.9	+1.6
250A	Grady	53.58	344	Iamb	Iamb	04 29 22.7	
Z57A	Bowman	53.66	350	P	P	04 29 10.3	+1.2
152A	Waverly Hall	53.85	346	P	P	04 29 10.2	-0.4
Y59A	Loris	54.07	352	P	P	04 29 13.7	+1.6
Y57A	Sumter	54.32	350	P	P	04 29 15.1	+1.2
Y57A						04 29 24.4	
Y55A	Saluda	54.49	349	P	P	04 29 15.2	+0.1
X58A	Rowland	54.69	352	P	P	04 29 17.8	+1.3
X58A	Rowland	54.69	352	Iamb	Iamb	04 29 31.4	
Z50A	Ashland	54.70	345	P	P	04 29 16.2	-0.5
LRAL	Lakeview Retre	54.77	344	P	P	04 29 16.1	-1.1
HODG	Hodges	54.85	349	P	P	04 29 27.6	+2.0
Y52A	Liburn	54.85	347	P	P	04 29 17.1	-0.7
X56A	White Oak	54.88	350	P	P	04 29 18.1	+0.1
X55A	Gracelyn & Ava	54.97	349	P	P	04 29 17.5	-1.0
W58A	Raeford	55.13	352	P	P	04 29 20.2	+0.4
X54A	Belton	55.18	349	P	P	04 29 20.6	+0.5
W57A	Gilead	55.37	351	P	P	04 29 21.6	+0.1
W57A	Gilead	55.37	351	P	P	04 29 21.9	+0.5
W57A						04 29 27.2	
W56A	Indian Trail	55.44	350	P	P	04 29 22.5	+0.5
KMSC	Kings Mountain	55.57	350	P	P	04 29 23.0	+0.1
W60A	Jim Taylor Roa	55.63	354	P	P	04 29 23.1	-0.2
W54A	Cherokee Point	55.66	349	P	P	04 29 23.7	+0.1
X51A	Calhoun	55.71	346	P	P	04 29 23.2	-0.7
V59A	Middlesex	55.74	353	P	P	04 29 25.0	+0.9
V58A	Windy Hill, Pi	55.88	352	P	P	04 29 25.6	+0.5
V58A	Windy Hill, Pi	55.88	352	Iamb	Iamb	04 29 37.6	
V57A	Coltrane Farms	56.06	351	P	P	04 29 26.9	+0.5
V56A	Mocksville	56.09	351	P	P	04 29 26.4	-0.2
X48A	Hartselle	56.13	344	P	P	04 29 26.9	0.0
V55A	Taylorsville	56.24	350	P	P	04 29 27.9	+0.1
V55A	Taylorsville	56.24	350	Iamb	Iamb	04 29 42.5	
U59A	Littleton	56.27	353	P	P	04 29 29.2	+1.3
U59A	Littleton	56.27	353	Iamb	Iamb	04 29 34.3	
V54A	Nebo	56.30	349	P	P	04 29 29.0	+0.8
U58A	Oxford	56.40	353	P	P	04 29 29.7	+0.9
W50A	Signal Mountai	56.42	346	Iamb	Iamb	04 29 43.0	
CPCT	Cooper Cave	56.48	347	Iamb	Iamb	04 29 43.5	
TKL	Tuckaleechee C	56.52	348	Iamb	Iamb	04 29 39.9	
U57A	Blanch	56.54	352	P	P	04 29 30.7	+0.9
U56A	King	56.60	351	P	P	04 29 31.5	+1.2
U56A	King	56.60	351	Iamb	Iamb	04 29 45.4	
V52A	Sevierville	56.67	348	Iamb	Iamb	04 29 42.6	
Z41A	Richland Creek	56.78	338	P	P	04 29 33.4	+1.8
V51A	Loudon	56.78	347	Iamb	Iamb	04 29 45.5	
OXF	Oxford	56.84	342	P	P	04 29 32.4	+0.4
U55A	TA2, Sparta	56.85	350	P	P	04 29 32.6	+0.4
T59A	Double "B" Far	56.86	354	P	P	04 29 31.9	-0.2
T59A	Double "B" Far	56.86	354	Iamb	Iamb	04 29 46.3	
PLAL	Pickwick Lake	56.90	343	Iamb	Iamb	04 29 42.0	
T58A	Grand View Acr	56.94	353	P	P	04 29 33.2	+0.6
U54A	Nelsons Funny	57.00	350	P	P	04 29 32.8	-0.3
U54A	Nelsons Funny	57.00	350	Iamb	Iamb	04 29 44.2	
T57A	Hurt	57.08	352	P	P	04 29 33.5	-0.2
T57A	Hurt	57.08	352	Iamb	Iamb	04 29 46.4	
V48A	Smith Brothers	57.29	345	Iamb	Iamb	04 29 49.1	
T55A	Pulaski	57.41	351	P	P	04 29 36.9	+0.8
BLA	Blacksburg	57.45	351	P	P	04 29 36.4	+0.1
T54A	Tazewell	57.48	350	P	P	04 29 37.0	+0.4
S58A	Poland Farm, P	57.55	353	P	P	04 29 37.5	+0.6
S58A	Poland Farm, P	57.55	353	Iamb	Iamb	04 29 46.6	

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T53A	Wise	57.57	349	P	P	04 29 37.6	+0.4
T52A	Hallie	57.78	349	P	P	04 29 38.7	+0.1
U49A	Red Boiling Sp	57.78	346	Iamb	Iamb	04 29 52.4	
S56A	Natural Bridge	57.79	352	P	P	04 29 40.0	+1.3
T51A	Gray	57.82	348	P	P	04 29 38.7	-0.3
R58B	Mineral	57.88	354	P	P	04 29 39.4	+0.2
R58B	Mineral	57.88	354	Iamb	Iamb	04 29 48.2	
WVT	Waverly	57.92	344	P	P	04 29 38.9	-0.7
WVT	Waverly	57.92	344	Iamb	Iamb	04 29 38.5	-1.0
UALL	University of	58.00	339	P	P	04 29 49.7	+0.5
S55A	Lewisburg	58.02	351	P	P	04 29 40.2	-0.1
R59A	King George, V	58.03	354	P	P	04 29 40.9	+0.6
T50A	Nancy	58.06	347	P	P	04 29 40.7	+0.1
S54A	Digress, Beckl	58.16	350	P	P	04 29 41.1	-0.3
TXAR	Lajitas Array	58.18	326	P	P	04 29 42.1	+0.4
TXAR	Lajitas Array	58.18	326	P	P	04 29 41.7	-0.1
MIAR	Mount Ida	58.21	358	P	P	04 29 42.0	+0.3
R58A	Rapid	58.22	354	P	P	04 29 41.1	-0.6
R57A	Stanardsville	58.27	353	P	P	04 29 42.2	+0.2
T49A	Edmonton	58.29	346	P	P	04 29 41.7	-0.5
R41B	Gary Mavity, V	58.33	340	P	P	04 29 42.9	+0.4
W55A	Marlinton	58.46	352	P	P	04 29 44.6	+1.2
R55A	Marlinton	58.46	352	Iamb	Iamb	04 30 01.8	
R54A	Victor	58.49	351	P	P	04 29 44.1	+0.6
R56A	Bull Pasture M	58.49	352	P	P	04 29 44.5	+0.8
S50A	Richmond	58.60	348	P	P	04 29 45.6	+1.3
R53A	Hurricane	58.79	350	P	P	04 29 47.3	+1.7
Q58A	Fox Den Farm,	58.82	354	P	P	04 29 47.2	+1.3
W39A	Magazine	58.87	338	P	P	04 29 47.4	+1.1
W39A	Magazine	58.87	338	Iamb	Iamb	04 30 01.6	
S49A	Springfield	58.89	347	P	P	04 29 47.6	+1.3
ABTX	Abilene, Hawle	58.95	332	P	P	04 29 48.5	+1.6
Q57A	Stratburg	58.99	353	P	P	04 29 47.8	+0.8
R51A	Hillsboro	59.05	348	P	P	04 29 46.8	-0.6
Q56A	Snyder Ridge,	59.09	353	P	P	04 29 48.7	+1.0
Q55A	Buckhannon	59.15	352	P	P	04 29 49.9	+1.6
R50A	Paris	59.17	348	P	P	04 29 48.4	+0.1
Q53A	Leroy	59.23	350	P	P	04 29 48.1	-0.6
PBMO	Poplar Bluff	59.25	342	Iamb	Iamb	04 30 02.8	
Q54A	Coxs Mills	59.25	351	P	P	04 29 48.6	-0.2
Q54A	Coxs Mills	59.25	351	Iamb	Iamb	04 30 03.0	
P58A	Parsons	59.33	354	P	P	04 29 49.2	-0.2
R49A	Shelbyville	59.35	347	P	P	04 29 49.3	-0.2
P59A	Jarrettsville	59.37	355	P	P	04 29 50.6	+1.0
P57A	Homestead Farm	59.39	354	P	P	04 29 50.7	+1.0
Q52A	Bidwell	59.45	350	P	P	04 29 50.0	-0.2
P56A	Dayton Farm, R	59.50	353	P	P	04 29 51.5	+0.9
P60A	Greenville	59.51	356	P	P	04 29 50.8	+0.2
WCI	Wyandotte Cave	59.54	346	P	P	04 29 51.3	+0.5
U40A	Yellville	59.61	340	Iamb	Iamb	04 30 05.7	
P55A	Reedsville	59.63	352	P	P	04 29 50.9	-0.6
Q50A	Georgetown	59.65	348	P	P	04 29 52.1	+0.5
Q51A	Peebles	59.70	349	P	P	04 29 52.1	+0.1
Q51A	Peebles	59.70	349	Iamb	Iamb	04 30 04.6	
MCWV	Mont Chateau	59.78	352	P	P	04 29 53.4	+0.9
MCWV	Mont Chateau	59.78	352	I			

Table of astronomical observations for 2014 APR, columns include object name, magnitude, position, and other parameters.

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IDC 02 04:27:11.4: 1.6, 19.96S:71.00W, h0km, mb3.4/2, mb1 3.9/4, mb1mx3.6/33, mbtmp3.6/4, ML3.8/2, Error ellipse: s-maj=58.5km s-min=18.0km az=55.0

ISC 02 04:27:13.0: 1.2, 19.89S:0.09:70.9W:0.1, h10km, n6, i=15067, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains data for stations like LVC, LPAZ, SIV, TXAR, YKA, MKAR.

KRNET 02 04:28:51.5: 0.1, 42.32N:70.64E, mb2.5 NNC 02 04:28:51.2: 0.6, 42.43N:70.66E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=4.9km s-min=2.8km az=164.0

ISC 02 04:28:52.2: 42.43N:70.67E, h15km SMC 02 04:28:48.6: 1.4, 42.48N:0.04:70.64E:0.03, h8km, 12km, n26, i=137/47, 21C-11D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains data for stations like IUG, IUG, IUG, KK31, KK31, BRLS, BRLS, BRLS, ARK, ARK, MRKS, MRKS, MRKS, ARS, ARS, AML, AML, EKS2, EKS2, BTK, BTK, ARLS, ARLS, AAK, AAK, AAK, UCH, UCH, USP, USP, CHMS, CHMS, SGDS, SGDS, KBK, KBK.

Q56A	baz=166,SNR=21 Snyder Ridge, baz=171,SNR=33	59.34 352	P	P	04 56 22.6 +1.7	CCM	baz=158 Cathedral Cave	60.96 342	P	Iamb	P	04 56 31.7 -0.3	K58A	Earlville baz=175,SNR=13	62.69 356	P	P	04 56 44.3 +0.7
Q55A	Buckhannon baz=170,SNR=16	59.41 352	P	P	04 56 22.6 +1.1	CCM	comp=Z,80nm,1.2s Marion Center	61.03 353	P	P	Iamb	04 56 33.4	K57A	Scipio Center baz=174,SNR=11	62.73 355	P	P	04 56 44.5 +0.7
R50A	Paris baz=165,SNR=16	59.44 348	P	P	04 56 21.4 -0.2	N55A	baz=171,SNR=54	61.08 349	P	P	P	04 56 33.8 +1.2	HDIL	Hopedale baz=161,SNR=16	62.75 344	P	P	04 56 43.3 -0.8
R50A	Paris comp=Z,84nm,1.4s	59.44 348	Iamb	Iamb	04 56 23.0	ACSO	Alum Creek Sta baz=167	61.08 349	P	P	P	04 56 32.5 -0.3	K56A	Middlesex baz=173,SNR=13	62.76 355	P	P	04 56 44.6 +0.5
Q53A	Leroy baz=168,SNR=16	59.50 350	P	P	04 56 22.5 +0.5	ACSO	Alum Creek Sta baz=171,SNR=11,1.1s	61.08 349	Iamb	Iamb	Iamb	04 56 34.0	K54A	Basiliko Farm, baz=175,SNR=21	62.81 353	P	P	04 56 45.3 +0.9
Q54A	Coxs Mills baz=169,SNR=12	59.51 351	P	P	04 56 22.2 +0.1	N56A	West Decatur baz=172,SNR=25	61.11 349	P	P	P	04 56 34.3 +1.4	K50A	Kingsville baz=167	62.81 350	P	P	04 56 44.1 -0.3
Q54A	Coxs Mills comp=Z,91nm,1.4s	59.51 351	Iamb	Iamb	04 56 23.9	O50A	Cable baz=186,SNR=14	61.11 349	P	P	P	04 56 32.8 -0.2	K55A	Perry baz=172,SNR=12	62.86 354	P	P	04 56 45.4 +0.6
PBMO	Poplar Bluff comp=Z,91nm,1.4s	59.54 342	Iamb	Iamb	04 56 23.5	Q44A	Meyer Farm, Va comp=Z,95nm,1.1s	61.13 344	Iamb	Iamb	Iamb	04 56 33.8	J62A	Henniker baz=179	63.00 359	P	P	04 56 46.8 +1.2
P61A	Hammonont baz=177,SNR=11	59.56 356	P	P	04 56 22.5 +0.1	M61A	Granite Spring baz=176,SNR=7.0	61.14 357	P	P	P	04 56 34.0 +0.8	L48A	N Adams baz=166,SNR=6.7	63.00 349	P	P	04 56 45.2 -0.5
P58A	Pank, Wackersv baz=173,SNR=13	59.58 354	P	P	04 56 23.0 +0.5	M63A	Gales Ferry baz=179,SNR=7.0	61.18 359	P	P	P	04 56 34.2 +0.8	L49A	Milan baz=166,SNR=7.8	63.04 349	P	P	04 56 45.5 -0.4
P59A	Jarrettsville baz=174,SNR=14	59.62 355	P	P	04 56 23.8 +1.0	M60A	Port Jervis baz=176,SNR=7.0	61.20 357	P	P	P	04 56 34.5 +0.9	J63A	Strafford baz=180	63.05 360	P	P	04 56 47.1 +1.2
R49A	Shelbyville baz=164,SNR=12	59.63 347	P	P	04 56 22.2 -0.7	SLM	Saint Louis comp=Z,57nm,1.1s	61.21 343	Iamb	Iamb	Iamb	04 56 35.0	J60A	Lant Hill Farm baz=177,SNR=7.4	63.06 358	P	P	04 56 47.3 +1.3
R49A	Shelbyville comp=Z,62nm,1.4s	59.63 347	Iamb	Iamb	04 56 23.9	M62A	Hamden baz=178,SNR=8.2	61.24 358	P	P	P	04 56 35.3 +1.4	P38A	Dawn comp=Z,48nm,1.1s	63.10 340	Iamb	Iamb	04 56 47.2
P57A	Homestead Farm baz=172,SNR=23	59.64 353	P	P	04 56 24.1 +1.1	S39A	Bolivar comp=Z,121nm,1.2s	61.27 340	Iamb	Iamb	Iamb	04 56 35.7	J61A	Chester baz=179,SNR=8.3	63.13 359	P	P	04 56 48.2 +1.7
Q52A	Bidwell baz=169,SNR=8.1	59.72 350	P	P	04 56 23.5 -0.1	MNTX	Cornudas Mount baz=143,SNR=42	61.28 326	P	P	P	04 56 34.5 +0.2	319A	Douglas comp=Z,51nm,1.1s	63.14 323	Iamb	Iamb	04 56 50.1
P60A	Greenville baz=175,SNR=7.6	59.76 356	P	P	04 56 24.3 +0.6	O49A	Covington baz=166,SNR=9.8	61.28 348	P	P	P	04 56 33.9 -0.3	121A	Cookes Peak, D baz=141,SNR=15	63.20 325	P	P	04 56 49.0 +1.6
P60A	Greenville comp=Z,42nm,1.1s	59.76 356	Iamb	Iamb	04 56 25.2	O49A	Covington comp=Z,80nm,1.3s	61.28 348	Iamb	Iamb	Iamb	04 56 35.2	ACCN	Adirondack Comp comp=Z,135nm,1.4s	63.21 358	Iamb	Iamb	04 56 49.9
P56A	Dayton Farm, R baz=171,SNR=16	59.76 353	P	P	04 56 25.4 +1.6	N53A	Lisbon baz=169,SNR=8.0	61.30 351	P	P	P	04 56 34.6 +0.3	AAM	Ann Arbor baz=177	63.21 349	P	P	04 56 46.9 -0.1
WCI	Wyandotte Cave WCI	59.82 346	P	P	04 56 23.7 -0.5	N53A	Lisbon comp=Z,108nm,1.4s	61.30 351	Iamb	Iamb	Iamb	04 56 36.2	K52A	Tilisonburg baz=170,SNR=6.5	63.22 352	P	P	04 56 47.5 +0.4
WCI	comp=Z,104nm,1.3s	59.82 346	P	MLR	04 56 23.8 -0.4	M64A	Tiverton baz=180	61.32 360	P	P	P	04 56 35.3 +0.9	J58A	Remsen baz=175	63.27 356	P	P	04 56 48.3 +0.9
WCI	Wyandotte Cave baz=163	59.82 346	P	P	04 56 23.7 -0.5	M65A	Busby, Falmout baz=180	61.33 0	P	P	P	04 56 35.2 +0.8	J58A	Remsen comp=Z,59nm,1.3s	63.27 356	Iamb	Iamb	04 56 49.9
WCI	Wyandotte Cave comp=Z,104nm,1.3s	59.82 346	Iamb	Iamb	04 56 25.2	N54A	Moraine State baz=170,SNR=19	61.34 352	P	P	P	04 56 35.6 +1.0	K51A	Iona Station baz=169	63.27 351	P	P	04 56 47.6 +0.1
WCI	Wyandotte Cave comp=Z,2um,19.0s	59.82 346	IAMS_20	IAMS_20	05 23 56.33	P46A	Rosedale baz=179,SNR=15	61.35 346	Iamb	Iamb	Iamb	04 56 35.2	J56A	Wolcott baz=174,SNR=8.7	63.29 355	P	P	04 56 48.1 +0.6
PSUB	Penn St comp=Z,56nm,1.3s	59.86 356	Iamb	Iamb	04 56 25.9	M58A	Price's Panora baz=174,SNR=21	61.37 355	P	P	P	04 56 36.0 +1.2	J56A	Wolcott comp=Z,115nm,1.2s	63.29 355	Iamb	Iamb	04 56 49.4
P55A	Reedsville baz=170,SNR=11	59.88 352	P	P	04 56 25.5 +0.8	M57A	Sunshine Farm, baz=179,SNR=15	61.39 355	P	P	P	04 56 36.1 +1.2	J59A	Plesco baz=176,SNR=28	63.33 357	P	P	04 56 48.7 +0.9
USIN	University of comp=Z,2um,21.0s	59.90 345	IAMS_20	IAMS_20	05 22 09.3	N52A	McGinn's Farm, baz=168,SNR=9.8	61.43 351	P	P	P	04 56 35.0 -0.1	J57A	Williamstown baz=175,SNR=13	63.36 356	P	P	04 56 48.8 +0.8
U40A	Yellville baz=156,SNR=36	59.91 339	P	P	04 56 24.8 -0.1	M59A	Waymart baz=178,SNR=22	61.46 356	P	P	P	04 56 36.5 +1.1	J55A	Hilton baz=173,SNR=6.5	63.37 354	P	P	04 56 48.4 +0.3
U40A	Yellville comp=Z,59nm,1.1s	59.91 339	Iamb	Iamb	04 56 26.4	R40A	Maddies Statio comp=Z,131nm,1.4s	61.49 341	Iamb	Iamb	Iamb	04 56 37.0	L46A	Claire baz=164	63.44 347	P	P	04 56 47.7 -0.9
Q50A	Georgetown baz=166,SNR=10	59.92 348	P	P	04 56 24.3 -0.6	KSPA	Keystone Cole comp=Z,20nm,1.3s	61.50 356	Iamb	Iamb	Iamb	04 56 37.5	J54A	Appleton baz=172,SNR=5.3	63.46 354	P	P	04 56 49.2 +0.6
O61A	Allentown baz=176,SNR=7.0	59.97 357	P	P	04 56 25.7 +0.5	O48A	Farmland baz=165,SNR=13	61.51 347	P	P	P	04 56 35.2 -0.6	K50A	Casco baz=168,SNR=6.3	63.50 350	P	P	04 56 48.2 -0.7
Q51A	Peebles baz=166,SNR=13	59.97 349	P	P	04 56 25.0 -0.3	KSCT	Kent School, K comp=Z,95nm,1.4s	61.55 358	Iamb	Iamb	Iamb	04 56 38.3	K50A	Casco comp=Z,73nm,1.0s	63.50 350	Iamb	Iamb	04 56 49.9
Q51A	Peebles comp=Z,48nm,1.1s	59.97 349	Iamb	Iamb	04 56 26.5	N50A	Nevada comp=Z,95nm,1.4s	61.63 349	P	P	P	04 56 36.0 -0.5	I58A	Old Forge baz=179,SNR=10	63.58 357	P	P	04 56 50.3 +0.8
MVL	Millersville comp=Z,11nm,1.0s	60.00 355	Iamb	Iamb	04 56 27.3	L63A	North Scituate baz=179,SNR=12	61.63 359	P	P	P	04 56 37.6 +1.1	I59A	Oldsteadville baz=177,SNR=20	63.63 357	P	P	04 56 50.7 +0.9
MCWV	Mont Chateau baz=170,SNR=18	60.03 352	P	P	04 56 26.6 +0.9	M56A	Emporium baz=172,SNR=25	61.64 354	P	P	P	04 56 37.5 +0.9	I62A	Tamworth baz=177,SNR=20	63.64 360	P	P	04 56 51.3 +1.4
S44A	Carbondale comp=Z,2um,21.0s	60.05 343	IAMS_20	IAMS_20	05 24 41.5	N51A	Ashland baz=168,SNR=9.0	61.65 350	P	P	P	04 56 36.6 0.0	I62A	Tamworth comp=Z,116nm,1.4s	63.64 360	Iamb	Iamb	04 56 52.9
SIUC	Southern Illin comp=Z,2um,22.0s	60.06 343	IAMS_20	IAMS_20	05 24 41.8	N51A	Ashland comp=Z,88nm,0.9s	61.65 350	Iamb	Iamb	Iamb	04 56 37.1	J52A	Paris baz=170,SNR=24	63.64 352	P	P	04 56 50.0 +0.2
P54A	Burton baz=170,SNR=27	60.07 351	P	P	04 56 26.8 +0.9	M55A	Ridgway baz=172,SNR=33	61.69 353	P	P	P	04 56 37.9 +0.9	K49A	Clarkson baz=167,SNR=6.6	63.64 350	P	P	04 56 49.2 -0.7
P53A	Whipple baz=169,SNR=17	60.09 350	Iamb	Iamb	04 56 26.5 +0.4	T35A	Sooner Cattle comp=Z,121nm,1.2s	61.69 337	Iamb	Iamb	Iamb	04 56 39.1	I60A	Shoreham baz=177,SNR=14	63.65 358	P	P	04 56 50.6 +0.6
P53A	Whipple comp=Z,116nm,1.3s	60.09 350	Iamb	Iamb	04 56 27.9	L64A	Michelsborough baz=180	61.70 360	P	P	P	04 56 38.0 +1.0	KSU1	Kansas State U baz=153,SNR=7.2	63.66 338	P	P	04 56 50.1 0.0
O58A	Lewisry baz=173,SNR=13	60.17 355	P	P	04 56 27.9 +1.3	MSTX	Muleshoe baz=146,SNR=33	61.82 330	P	P	P	04 56 38.4 +0.3	I64A	Boothbay baz=181	63.69 1	P	P	04 56 51.3 +1.2
X34A	Smith Ranch, M comp=Z,145nm,1.5s	60.18 334	Iamb	Iamb	04 56 29.0	MSTX	Muleshoe comp=Z,94nm,1.3s	61.82 330	Iamb	Iamb	Iamb	04 56 39.9	K61A	Oroboro, Fair baz=179,SNR=19	63.71 359	P	P	04 56 51.7 +1.3
HHAR	Hobbs comp=Z,107nm,1.3s	60.20 338	Iamb	Iamb	04 56 28.7	L62A	Suffield baz=178	61.83 358	P	P	P	04 56 38.8 +1.0	I61A	Perry baz=166,SNR=13	63.78 349	P	P	04 56 50.4 -0.4
O60A	Telford baz=175,SNR=7.1	60.24 356	P	P	04 56 27.9 +0.8	M54A	Oil Creek Sta baz=172,SNR=25	61.83 352	P	P	P	04 56 38.6 +0.7	K47A	Vermontville baz=165,SNR=9.0	63.81 348	P	P	04 56 50.4 -0.6
PAGS	Pennsylvania G comp=Z,89nm,1.4s	60.26 355	Iamb	Iamb	04 56 29.6	L60A	Shokan baz=176,SNR=9.0	61.84 357	P	P	P	04 56 39.3 +1.4	I63A	Otisfield baz=180,SNR=5.3	63.82 0	P	P	04 56 52.8 +1.8
Q49A	Aurora baz=165,SNR=14	60.26 347	P	P	04 56 26.6 -0.6	M53A	Wi Miller and baz=175,SNR=15	61.90 352	P	P	P	04 56 38.7 +0.3	I63A	Otisfield comp=Z,113nm,1.4s	63.82 0	Iamb	Iamb	04 56 54.2
O59A	Robesonia baz=172,SNR=9.2	60.29 355	P	P	04 56 28.2 +0.8	VNA3	Neumayer Olymp Columbus Grove	61.96 161	P	P	P	04 56 39.6 +1.1	NCB	Newcomb comp=Z,63nm,1.2s	63.82 357	Iamb	Iamb	04 56 53.6
O57A	Amberson baz=173,SNR=28	60.32 354	P	P	04 56 28.7 +1.1	N49A	Columbus Grove baz=166,SNR=37	61.97 348	P	P	P	04 56 38.7 -0.1	R32A	Long Quarter, comp=Z,107nm,1.3s	63.85 336	Iamb	Iamb	04 56 53.4
P52A	Corning baz=168,SNR=9.8	60.35 350	P	P	04 56 27.6 -0.3	L58A	Harry Jones Me baz=174,SNR=21	61.99 356	P	P	P	04 56 40.3 +1.3	I57A	Carthage baz=175,SNR=7.0	63.86 356	P	P	04 56 51.9 +0.6
Q48A	North Vernon baz=164,SNR=13	60.36 347	P	P	04 56 27.4 -0.5	L61A	Hillsdale 1, H baz=177,SNR=8.9	62.01 358	P	P	P	04 56 40.0 +0.9	Y22D	IRIS PASCALL I baz=142	63.94 327	P	P	04 56 51.2 -1.1
P51A	Williamsport baz=167,SNR=7.9	60.36 349	P	P	04 56 27.6 -0.3	M51A	Elyria baz=168,SNR=5.6	62.02 350	P	P	P	04 56 38.8 -0.4	Y22D	IRIS PASCALL I comp=Z,1um,22.0s	63.94 327	IAMS_20	IAMS_20	05 22 56.2
P51																		

CBKS Cedar Bluff baz=173,SNR=7.1 baz=150,SNR=10	64.59 335	P	P	04 56 56.7 +0.4	PQI Presque Isle comp=Z,57nm,1.3s	66.48 2	Iamb	Iamb	04 57 10.2	DBIC Dimbokro comp=Z,116nm,1.0s,baz=180,slow=24,SNR=40	69.98 75	P	P	04 57 20.4 -0.6
CBKS Cedar Bluff comp=Z,07.1,2s	64.59 335	Iamb	Iamb	04 56 58.5	D60A Saint Jean D'O baz=180,SNR=9.9	66.68 360	P	P	04 57 10.6 +1.1	DBIC Dimbokro baz=164nm,1.1s	69.98 75	P	Pmax	04 57 29.3 -1.7
DELO Deloro Mine comp=Z,59nm,1.3s	64.59 355	Iamb	Iamb	04 56 57.3	E51A G1948 Merrick baz=171,SNR=10.0	67.77 353	P	P	04 57 10.4 +0.3	DBIC Dimbokro baz=133,SNR=11	69.98 75	P	P	04 57 29.3 -1.7
H66A Whiting baz=184	64.63 3	P	P	04 56 57.6 +1.3	D59A Saint-Raymond baz=143,SNR=9.0	66.78 359	P	P	04 57 11.3 +1.1	BFSO Mount Baldy Ra baz=133,SNR=11	70.09 320	P	P	04 57 32.9 +1.5
I49A Point Hope baz=168	64.67 350	P	P	04 56 56.1 -0.4	S22A IUR Ranch, Cre baz=143,SNR=9.0	66.80 329	P	P	04 57 11.9 +1.0	QSPA South Pole Qui baz=134,SNR=11	70.10 180	P	Iamb	04 57 30.3 -0.7
I49A Point Hope comp=Z,79nm,1.1s	64.67 350	Iamb	Iamb	04 56 57.4	F45A CMU Biological baz=165,SNR=7.8	66.82 349	P	P	04 57 10.1 -0.4	RRX Edison Barstow baz=134	70.13 321	P	P	04 57 33.3 +1.8
TUC Tucson comp=Z,19nm,1.3s	64.68 323	P	Pmax	04 56 56.3 -0.8	D57A Chem Vers Le baz=177,SNR=20	66.84 358	P	P	04 57 11.6 +1.0	RWWY Rawlins comp=Z,99nm,1.5s	70.13 332	Iamb	Iamb	04 57 34.8
TUC Tucson baz=138	64.68 323	P	P	04 56 58.5 +1.4	D63A Stockholm baz=183,SNR=6.9	66.84 2	P	P	04 57 11.6 +1.0	EYMN Ely baz=159,SNR=13	70.23 345	P	P	04 57 31.4 -0.4
TUC Tucson baz=138	64.68 323	P	P	04 56 56.3 -0.8	D62A Allapoint, All baz=183,SNR=2.9	66.86 1	P	P	04 57 11.7 +1.0	GSC Goldstone, Bar baz=134,SNR=11	70.31 321	P	P	04 57 35.0 +2.3
H53A Bobcaygeon baz=172,SNR=9.0	64.74 354	P	P	04 56 57.4 +0.3	D62A Allapoint, All D62A	66.86 1	P	Iamb	04 57 11.0 +0.3	PASC Pasadena Art C baz=132	70.36 320	P	P	04 57 33.1 +0.2
J45A Montague baz=164	64.82 347	P	P	04 56 56.6 -1.0	D58A comp=Z,132nm,1.4s Chemin du LacG baz=178,SNR=17	66.89 358	P	P	04 57 11.9 +1.1	DECC Green Verdugo baz=133	70.51 320	P	P	04 57 35.7 +1.9
G60A Masonville baz=178,SNR=8.3	64.88 359	P	P	04 56 59.6 +1.6	D56A ZEC Mazanza, M baz=176,SNR=12	66.91 357	P	P	04 57 11.6 +0.6	SNCC San Nicolas Is baz=132	70.57 318	P	P	04 57 35.1 +0.9
G59A Clarenceville baz=178,SNR=6.1	64.88 358	P	P	04 56 59.1 +1.1	D55A Sainte-Anne-du baz=176,SNR=13	66.92 356	P	P	04 57 11.6 +0.5	K22A Casper baz=135,SNR=15	70.61 333	P	P	04 57 35.6 +1.2
G63A Kingsley baz=181,SNR=5.2	64.89 1	P	P	04 56 59.4 +1.3	D61A St Aubert, Comp baz=181	66.97 0	P	P	04 57 12.6 +1.2	EDW2 Edwards Air Fo baz=133,SNR=13	70.73 320	P	P	04 57 36.7 +1.5
H52A Wyevale baz=171,SNR=14	64.95 353	P	P	04 56 58.5 +0.1	Q24A Divide baz=141,SNR=13	67.00 331	P	P	04 57 12.6 +0.4	RSSD Black Hills RSSD	70.80 335	P	Pmax	04 57 35.7 +0.1
G62A West of Eustis baz=180,SNR=19	64.98 0	P	P	04 57 00.1 +1.4	E48A Lockeyer baz=168,SNR=6.5	67.05 351	P	P	04 57 12.2 +0.2	RSSD comp=Z,30nm,1.1s Black Hills	70.80 335	P	P	04 57 36.4 +0.8
G57A Newington baz=176,SNR=12	64.98 357	P	P	04 56 59.6 +1.0	I37A Lemond, Waseca comp=Z,123nm,1.4s	67.08 342	Iamb	Iamb	04 57 13.7	RSSD Black Hills BLG Laguna Peak, P baz=132	70.80 335	P	P	04 57 35.7 +0.1
G58A Ormstown baz=177,SNR=7.4	64.98 357	P	P	04 56 59.5 +0.9	D54A Fuses, La baz=174,SNR=9.7	67.13 356	P	P	04 57 12.5 +0.1	LRMC Laurel Mtn Rad baz=134,SNR=6.8	70.86 319	P	P	04 57 36.9 +0.9
I47A Gladwin baz=166,SNR=6.7	65.03 349	P	P	04 56 58.4 -0.5	D53A Lac Vacive, Po baz=173,SNR=7	67.14 355	P	P	04 57 12.7 +0.2	BATG Bathurst New B comp=Z,50nm,1.1s	70.95 321	Iamb	Iamb	04 57 38.6 +2.0
I47A Gladwin comp=Z,57nm,1.1s	65.03 349	Iamb	Iamb	04 56 59.1	LATQ La Tuque baz=178,SNR=7.4	67.17 358	P	P	04 57 13.5 +0.9	E47A Iron Bridge baz=177,SNR=8.0	67.17 3	Iamb	Iamb	04 57 14.4
G65A Princeton baz=183	65.03 2	P	P	04 56 59.3 +0.4	MVCO Mesa Verde baz=142,SNR=18	67.17 328	P	P	04 57 12.7 +1.4	LRMC Laurel Mtn Rad baz=134,SNR=6.8	70.98 341	Iamb	Iamb	04 57 37.8
G64A Maxfield baz=162,SNR=6.4	65.04 2	P	P	04 56 59.8 +0.8	MVCO Mesa Verde comp=Z,49nm,1.1s	67.19 328	Iamb	Iamb	04 57 12.7 +0.1	OSI Osito Audit: C baz=133	70.99 320	P	P	04 57 38.0 +1.3
PKME Peaks-Kenny Pk baz=182	65.04 1	P	P	04 56 59.9 +0.9	E46A Sault Ste Mari comp=Z,55nm,1.3s	67.19 328	Iamb	Iamb	04 57 14.7 +1.4	SC2Z Santa Cruz Isl baz=133	71.14 319	P	P	04 57 38.2 +0.6
PKME Peaks-Kenny Pk comp=Z,47nm,1.1s	65.04 1	Iamb	Iamb	04 57 00.9	D51A Lot 18 Range I baz=173,SNR=11	67.19 328	Iamb	Iamb	04 57 14.7 +1.4	TPNV Topopah Spring baz=135,SNR=36	71.14 323	P	P	04 57 40.3 +2.6
I48A Sherman Twp baz=167,SNR=9.8	65.05 350	P	P	04 56 58.6 -0.5	OGNE Ogallala baz=148,SNR=6.0	67.27 350	Iamb	Iamb	04 57 14.2	FURC Furnace Creek, baz=134,SNR=33	71.15 322	P	P	04 57 40.1 +2.6
G61A St-Isidore-de- baz=179,SNR=12	65.05 359	P	P	04 57 00.8 +1.7	D51A Lot 18 Range I OGNE Ogallala	67.27 350	Iamb	Iamb	04 57 14.2	MPMC Manus Prospec baz=134,SNR=19	71.23 321	P	P	04 57 40.3 +1.9
PLVO Plevnring comp=Z,91nm,1.5s	65.06 355	Iamb	Iamb	04 57 01.4	OGNE Ogallala comp=Z,49nm,1.1s	67.31 354	P	P	04 57 13.7 +0.2	ARVC Arvin baz=133	71.40 320	P	P	04 57 40.9 +1.7
SCIA State Center baz=157,SNR=11	65.09 342	P	P	04 56 59.4 -0.1	WUJAZ Wupatki baz=139,SNR=6.6	67.32 335	P	P	04 57 14.8 +0.9	ISA Isabella, Lake baz=133,SNR=28	71.55 321	P	P	04 57 42.6 +2.4
SCIA State Center comp=Z,14nm,1.2s	65.09 342	Iamb	Iamb	04 57 00.9	D50A G1974 Best Tow baz=171,SNR=22	67.32 335	Iamb	Iamb	04 57 17.0	DUG Dugway, Toeel baz=139,SNR=37	71.64 327	P	P	04 57 42.6 +1.9
I46A Reed City baz=165,SNR=9.1	65.12 348	P	P	04 56 58.8 -0.8	GLA Glamis baz=169,SNR=5.5	67.39 325	P	P	04 57 16.8 +2.2	AGMN Agassiz Nation comp=Z,60nm,1.3s	71.69 343	P	P	04 57 40.7 +0.1
T25A Trinidad baz=145,SNR=13	65.18 331	P	P	04 57 01.8 +1.4	D48A Paudash Townsh baz=169,SNR=5.5	67.44 353	P	P	04 57 14.4 +0.1	AGMN Agassiz Nation comp=Z,60nm,1.3s	71.69 343	Iamb	Iamb	04 57 42.1
JFWS Jewell Farm baz=160,SNR=13	65.21 344	P	P	04 56 60.0 -0.2	D49A Beulah Townshi baz=169,SNR=5.5	67.57 321	P	P	04 57 16.8 +1.2	R11A Troy Canyon, C baz=136,SNR=36	71.76 324	P	P	04 57 44.0 +2.5
JFWS Jewell Farm comp=Z,147nm,1.5s	65.21 344	Iamb	Iamb	04 57 01.6	D46A Sault St. Mari baz=167	67.57 321	P	P	04 57 15.7 -0.2	GRAC Granite Rang baz=134,SNR=8.8	71.81 322	P	P	04 57 44.0 +2.3
G55A Calabogie baz=174,SNR=14	65.25 355	P	P	04 57 01.0 +0.7	D47A Chapleau baz=168,SNR=7.7	67.72 352	P	P	04 57 16.3 +0.1	PKM McPherson Peak baz=132,SNR=12	71.84 319	P	P	04 57 44.5 +2.4
G53A Haliburton baz=172,SNR=25	65.29 354	P	P	04 57 01.2 +0.5	E44A Grand Marais A baz=165	67.73 350	P	P	04 57 15.0 -1.3	CWC Cottonwood Cre baz=134	71.84 321	P	P	04 57 44.0 +2.0
I45A Fountain baz=164	65.37 348	P	P	04 57 02.6 +1.4	ECSD EROS Data Cent baz=154,SNR=17	67.75 351	P	P	04 57 16.0 -0.4	VES Vestal, Richgr baz=133,SNR=22	72.03 321	P	P	04 57 45.1 +2.2
F63A Nahmakanta, Br baz=182	65.48 1	P	P	04 57 03.2 +1.3	ECSD EROS Data Cent comp=Z,135nm,1.4s	67.79 349	P	P	04 57 17.2 +0.4	BW06 Boulder Array baz=142,SNR=22	72.05 331	P	P	04 57 44.1 +0.9
F63A Nahmakanta, Br comp=Z,80nm,1.5s	65.48 1	Iamb	Iamb	04 57 03.9	Y12C Blythe baz=196,SNR=5.9	67.80 340	Iamb	Iamb	04 57 17.2 +0.4	PDAR Pinedale Arra comp=Z,2.7nm,0.7s,baz=141,slow=5.7,SNR=34	72.05 331	P	P	04 57 44.0 +0.8
H48A Harrisville baz=167,SNR=5.1	65.49 350	P	P	04 57 01.2 -0.7	ISCO Idaho Springs baz=139,SNR=9.9	67.80 340	Iamb	Iamb	04 57 18.6	PDAR Pinedale Arra HWUT Hardware Ranch comp=Z,7.1nm,1.4s	72.05 331	Iamb	Iamb	04 57 42.9 -0.3
G54A Lake Saint Pet baz=173,SNR=10	65.51 354	P	P	04 57 02.5 +0.4	SPMN Marine on St. comp=Z,12s	67.88 322	P	P	04 57 19.5 +2.0	SMCC Simmer baz=132,SNR=13	72.09 329	P	P	04 57 46.2
H47A Mito baz=166	65.53 349	P	P	04 57 01.6 -0.6	SPMN Marine on St. comp=Z,12s	67.89 332	P	P	04 57 19.0 +1.2	TIN Tinemaha, Big baz=134,SNR=14	72.23 319	P	P	04 57 46.7 +2.5
214A Organ Pipe Nat baz=136,SNR=26	65.59 321	P	P	04 57 05.0 +2.1	SPMN Marine on St. comp=Z,12s	68.03 343	Iamb	Iamb	04 57 19.4	MDND Maddock baz=152,SNR=1.8	72.25 322	P	P	04 57 47.5 +2.6
214A Organ Pipe Nat comp=Z,82nm,1.4s	65.59 321	Iamb	Iamb	04 57 06.6	PDMCI Parker Dam,Lak baz=136	68.05 322	P	P	04 57 19.2 +0.7	VOG Valley Oaks Go baz=133	72.53 321	P	P	04 57 46.5 +0.6
F59A Saint Guillaume baz=178	65.64 358	P	P	04 57 03.3 +0.4	IKP In-Ko-Pah, Jac baz=134,SNR=9.0	68.06 320	P	P	04 57 19.2 +0.7	PAGB Antelope Grade AZHD Auburn Hatcher comp=Z,96nm,1.4s	72.62 320	P	Iamb	04 57 46.8 0.0
H46A File Lake baz=165	65.65 349	P	P	04 57 02.4 -0.6	SWSC Sam W. Stewart baz=134	68.07 320	P	P	04 57 20.8 +1.2	MLAC Mammoth, Mammo baz=133	72.76 330	Iamb	Iamb	04 57 50.1
F64A Sherman baz=183,SNR=6.4	65.66 2	P	P	04 57 04.1 +1.0	PV02 Paradox Valley comp=Z,59nm,1.4s	68.07 320	Iamb	Iamb	04 57 22.3	REDW Red Top Meadow comp=Z,88nm,1.4s	73.01 322	P	P	04 57 50.7 +1.2
F57A Harrington baz=176	65.68 357	P	P	04 57 03.4 +0.3	PV13 Radium Mtn, P comp=Z,73nm,1.4s	68.09 328	Iamb	Iamb	04 57 22.3	TPAW Teton Pass comp=Z,67nm,1.4s	73.25 331	Iamb	Iamb	04 57 53.5
F58A St-Lin Laurent baz=177	65.69 358	P	P	04 57 03.5 +0.3	VLD0 Val d'Or comp=Z,90nm,1.4s	68.15 355	Iamb	Iamb	04 57 22.1	NVAR Mina Arroyo Bea comp=Z,1.1nm,0.8s,baz=127,slow=3.5,SNR=58	73.34 323	P	P	04 57 53.2 +2.2
F61A St Evariste baz=180,SNR=5.2	65.74 360	P	P	04 57 04.4 +0.9	PV05 Paradox Valley comp=Z,77nm,1.4s	68.17 328	Iamb	Iamb	04 57 22.4	ULM Lac du Bonnet comp=Z,30nm,1.2s,baz=157,slow=5.5,SNR=27	73.47 343	P	P	04 57 51.0 -0.2
F60A Warwick baz=179,SNR=9.7	65.74 359	P	P	04 57 04.3 +0.8	PV12 Saucer Basin, comp=Z,55nm,1.5s	68.21 329	Iamb	Iamb	04 57 23.1	ULM Lac du Bonnet ULM Lac du Bonnet comp=Z,106nm,1.5s	73.47 343	Iamb	Iamb	04 57 51.0 -0.2
F55A Otter Lake baz=174	65.80 356	P	P	04 57 04.3 +0.4	PV11 David Mesa, Pa comp=Z,11.5s	68.23 328	Iamb	Iamb	04 57 22.9	IMW Indian Meadow comp=Z,80nm,1.4s	73.56 331	Iamb	Iamb	04 57 55.4
I42A Draeger Farm, comp=Z,130nm,1.5s	65.81 346	Iamb	Iamb	04 57 05.6	PV17 East Wray Mesa comp=Z,50nm,1.4s	68.25 328	Iamb	Iamb	04 57 23.0	FLWY Flagg Ranch comp=Z,124nm,1.3s	73.59 331	Iamb	Iamb	04 57 55.8
GLMI Graying baz=166	65.82 349	P	P	04 57 03.2 -1.0	BC3 Blue Mesa, Par comp=Z,45nm,1.3s	68.36 321	P	P	04 57 22.7 +2.1	RLMT Red Lodge baz=143,SNR=46	73.77 333	P	P	04 57 55.0 +1.6
GLMI Graying comp=Z,90nm,1.1s	65.82 349	Iamb	Iamb	04 57 05.1	MONPZ Monument Peak baz=134,SNR=5.3	68.37 329	Iamb	Iamb	04 57 23.2 +2.1	RLMT Red Lodge comp=Z,107nm,1.4s	73.77 333	Iamb	Iamb	04 57 56.5
LMN Caledonia Moun comp=Z,90nm,1.2s	65.84 5	Iamb	Iamb	04 57 06.1	BAR Barstow baz=141,SNR=20	68.42 319	P	P	04 57 19.9 -1.1	H17A Grant Village comp=Z,19.0s	73.78 331	P	P	04 57 55.8 +2.3
H45A Beulah baz=164	65.89 348	P	P	04 57 03.6 -1.0	IRM Iron Mountain baz=135,SNR=23	68.43 321	P	P						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Phulchoki, Pulchoki, Gumba, etc.

IDC 02 04:54:04.5:1.8, 2010S:71.00W, h0km, mb3.5/1, mb1 4.0/3, mb1mx3.726, mbtmp3.9/3, ML3.9/1, Error ellipse: s-maj=59.2km s-min=20.7km az=56.0

GUC 02 04:54:07.2:0.6, 20.05S:70.89W, h2km, gkm, ML3.9

ISC 02 04:54:05.4:2.1, 20.01S:04.703W, h0km, 12km, n17, c198/27, 1D, Near coast of northern Chile

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

IDC 02 04:57:40.1:1.5, 19.74S:70.84W, h0km, mb3.7/3, mb1 4.0/6, mb1mx3.737, mbtmp3.6/3, ML3.7/3, Error ellipse: s-maj=41.4km s-min=28.8km az=43.0

ISC 02 04:57:41.1:0.9, 19.9S:01.190W, n11, h10km, n11, c0679.9, mb3.6/3, 2C, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Limon Verde, La Paz, Nana, etc.

SJA 02 04:58:01.4:0.3, 19.31S:70.19W, h53km, 10km, ML4.1, MW4.1

IDC 02 04:58:08.2:1.4, 20.01S:70.53W, h0km, mb4.3/3, mb1 4.5/5, mb1mx4.0/35, mbtmp4.4/5, ML3.9/2, Error ellipse: s-maj=42.5km s-min=30.9km az=65.0

NEIC 02 04:58:12.0:1.6, 20.02S:01.703W, h0km, 9km, mb4.4/3, ML4.2(GUC), Error ellipse: s-maj=12.9km s-min=3.9km az=105.0

GUC 02 04:58:14.4:0.8, 20.16S:70.07W, h44km, 2km, ML4.2

ISC 02 04:58:12.0:1.4, 20.11S:03.725W, h0km, 8km, n52, c1970/66, mb4.4/4, 3C, Near coast of northern Chile

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

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

IDC 02 05:02:51.0:0.4, 19.57S:70.70W, h0km, mb4.7/27, mb1 4.7/31, mb1mx4.7/36, mbtmp4.6/31, ML3.7/4, MS5.2/6, Ms1 5.2/6, ms1mx4.7/28, Error ellipse: s-maj=14.2km s-min=10.2km az=67.0

MOS 02 05:02:51.3:1.2, 19.54S:70.83W, h10km, mb5.3/24, Error ellipse: s-maj=13.8km s-min=8.1km az=113.7

GUC 02 05:02:52.0:0.7, 19.76S:71.07W, h38km, 2km, ML5.1, NEIC 02 05:02:52.6:2.8, 19.69S:03.710W, h0.03, h10km, 1km, mb5.2/307, Mwr5.4/42, ML5.1(GUC), Error ellipse: s-maj=5.6km s-min=4.9km az=215.0

NEIC 02 05:02:52.4:1.9, 19.80S:70.95W, h12km, Moment Tensor Solution. Moment tensor: Scale 1.017Nm; M0:35; Mw:0.19; Ms:0.58; Mw:0.35; Ms:0.43; Mw:1.35; Fault plane solution: M1:57000*1017 Np1:35*167.18000*, 579.64000*, 197.95000*. Np2:309.38000*, 613.03000*, 152.92000*. Principal axes: T:1.3670, P1:65.0000*, Azm87.0000*; P:0.3463, P1:65.0000*, Azm346.0000*; P:-1.7133, P1:64.0000*, Azm250.0000*

VAO 02 05:02:52.2:0.4, 19.65S:70.85W, h10km, mb5.2

ISC 02 05:02:51.2:0.8, 19.72S:02.710W, h0.03, h6km, 4km, n790, c1925/698, mb5.2/175, 13C-5D, Near coast of northern Chile

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

IDC 02 05:02:51.0:0.4, 19.57S:70.70W, h0km, mb4.7/27, mb1 4.7/31, mb1mx4.7/36, mbtmp4.6/31, ML3.7/4, MS5.2/6, Ms1 5.2/6, ms1mx4.7/28, Error ellipse: s-maj=14.2km s-min=10.2km az=67.0

MOS 02 05:02:51.3:1.2, 19.54S:70.83W, h10km, mb5.3/24, Error ellipse: s-maj=13.8km s-min=8.1km az=113.7

GUC 02 05:02:52.0:0.7, 19.76S:71.07W, h38km, 2km, ML5.1, NEIC 02 05:02:52.6:2.8, 19.69S:03.710W, h0.03, h10km, 1km, mb5.2/307, Mwr5.4/42, ML5.1(GUC), Error ellipse: s-maj=5.6km s-min=4.9km az=215.0

NEIC 02 05:02:52.4:1.9, 19.80S:70.95W, h12km, Moment Tensor Solution. Moment tensor: Scale 1.017Nm; M0:35; Mw:0.19; Ms:0.58; Mw:0.35; Ms:0.43; Mw:1.35; Fault plane solution: M1:57000*1017 Np1:35*167.18000*, 579.64000*, 197.95000*. Np2:309.38000*, 613.03000*, 152.92000*. Principal axes: T:1.3670, P1:65.0000*, Azm87.0000*; P:0.3463, P1:65.0000*, Azm346.0000*; P:-1.7133, P1:64.0000*, Azm250.0000*

VAO 02 05:02:52.2:0.4, 19.65S:70.85W, h10km, mb5.2

ISC 02 05:02:51.2:0.8, 19.72S:02.710W, h0.03, h6km, 4km, n790, c1925/698, mb5.2/175, 13C-5D, Near coast of northern Chile

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

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

IDC 02 05:02:51.0:0.4, 19.57S:70.70W, h0km, mb4.7/27, mb1 4.7/31, mb1mx4.7/36, mbtmp4.6/31, ML3.7/4, MS5.2/6, Ms1 5.2/6, ms1mx4.7/28, Error ellipse: s-maj=14.2km s-min=10.2km az=67.0

MOS 02 05:02:51.3:1.2, 19.54S:70.83W, h10km, mb5.3/24, Error ellipse: s-maj=13.8km s-min=8.1km az=113.7

GUC 02 05:02:52.0:0.7, 19.76S:71.07W, h38km, 2km, ML5.1, NEIC 02 05:02:52.6:2.8, 19.69S:03.710W, h0.03, h10km, 1km, mb5.2/307, Mwr5.4/42, ML5.1(GUC), Error ellipse: s-maj=5.6km s-min=4.9km az=215.0

NEIC 02 05:02:52.4:1.9, 19.80S:70.95W, h12km, Moment Tensor Solution. Moment tensor: Scale 1.017Nm; M0:35; Mw:0.19; Ms:0.58; Mw:0.35; Ms:0.43; Mw:1.35; Fault plane solution: M1:57000*1017 Np1:35*167.18000*, 579.64000*, 197.95000*. Np2:309.38000*, 613.03000*, 152.92000*. Principal axes: T:1.3670, P1:65.0000*, Azm87.0000*; P:0.3463, P1:65.0000*, Azm346.0000*; P:-1.7133, P1:64.0000*, Azm250.0000*

VAO 02 05:02:52.2:0.4, 19.65S:70.85W, h10km, mb5.2

ISC 02 05:02:51.2:0.8, 19.72S:02.710W, h0.03, h6km, 4km, n790, c1925/698, mb5.2/175, 13C-5D, Near coast of northern Chile

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

IDC 02 05:02:51.0:0.4, 19.57S:70.70W, h0km, mb4.7/27, mb1 4.7/31, mb1mx4.7/36, mbtmp4.6/31, ML3.7/4, MS5.2/6, Ms1 5.2/6, ms1mx4.7/28, Error ellipse: s-maj=14.2km s-min=10.2km az=67.0

MOS 02 05:02:51.3:1.2, 19.54S:70.83W, h10km, mb5.3/24, Error ellipse: s-maj=13.8km s-min=8.1km az=113.7

GUC 02 05:02:52.0:0.7, 19.76S:71.07W, h38km, 2km, ML5.1, NEIC 02 05:02:52.6:2.8, 19.69S:03.710W, h0.03, h10km, 1km, mb5.2/307, Mwr5.4/42, ML5.1(GUC), Error ellipse: s-maj=5.6km s-min=4.9km az=215.0

NEIC 02 05:02:52.4:1.9, 19.80S:70.95W, h12km, Moment Tensor Solution. Moment tensor: Scale 1.017Nm; M0:35; Mw:0.19; Ms:0.58; Mw:0.35; Ms:0.43; Mw:1.35; Fault plane solution: M1:57000*1017 Np1:35*167.18000*, 579.64000*, 197.95000*. Np2:309.38000*, 613.03000*, 152.92000*. Principal axes: T:1.3670, P1:65.0000*, Azm87.0000*; P:0.3463, P1:65.0000*, Azm346.0000*; P:-1.7133, P1:64.0000*, Azm250.0000*

VAO 02 05:02:52.2:0.4, 19.65S:70.85W, h10km, mb5.2

ISC 02 05:02:51.2:0.8, 19.72S:02.710W, h0.03, h6km, 4km, n790, c1925/698, mb5.2/175, 13C-5D, Near coast of northern Chile

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

2d 5h

2014 APR

Table with columns: Station, Frequency, Class, Power, and SNR. Includes stations like MDP, USHA, TOSH, RPN, RCBR, etc.

Table with columns: Station, Frequency, Class, Power, and SNR. Includes stations like W57A, W56A, KMSC, V61A, V60A, etc.

Table with columns: Station, Frequency, Class, Power, and SNR. Includes stations like T49A, W41B, S51A, WHAR, R55A, etc.

SSPA	comp=Z,17nm,1.1s	I	Amb	I	Amb	05	13	03.8		
P48A	Milroy bazz=165	60.40	347	P	P	05	13	00.5 -0.9		
N60A	Cedar Hill Far bazz=176	60.40	356	P	P	05	13	00.8 -0.6		
O53A	New Philadelph bazz=169	60.41	351	P	P	05	13	00.6 -0.9		
N71A	Milroy bazz=173	60.47	354	P	P	05	13	01.6 -0.4		
PAL	Palisades bazz=177	60.47	357	P	P	05	13	01.5 -0.4		
N58A	Sunbury bazz=174	60.48	355	P	P	05	13	01.3 -0.7		
N58A	Sunbury comp=Z,37nm,1.4s	60.48	355	I	Amb	I	Amb	05	13	03.9
O51A	Pataskala bazz=168	60.53	350	P	P	05	13	01.4 -0.9		
CCM	Cathedral Cave	60.54	342	P	P	05	13	01.9 -0.5		
CCM	CCM									
CCM	comp=Z,19nm,1.1s									
CCM	Cathedral Cave bazz=158	60.54	342	P	P	05	13	01.3 -1.1		
CCM	Cathedral Cave	60.54	342	P	P	05	13	01.9 -0.5		
CCM	CCM									
CCM	comp=Z,19nm,1.1s									
N55A	Marion Center bazz=173,SNR=1.4	60.65	353	P	P	05	13	02.4 -0.8		
ACSO	Alum Creek Sta bazz=167,SNR=8.2	60.68	349	P	P	05	13	02.9 -0.5		
N56A	West Decatur bazz=172	60.70	354	P	P	05	13	03.1 -0.4		
O50A	Cable bazz=167,SNR=5.2	60.71	349	P	P	05	13	02.7 -0.9		
Q44A	Meyer Farm, Va comp=Z,24nm,0.8s	60.71	344	I	Amb	I	Amb	05	13	12.1
M63A	Gales Ferry bazz=179	60.82	359	P	P	05	13	04.0 -0.2		
MNTX	Cornudas Mount bazz=143,SNR=9.5	60.84	327	P	P	05	13	03.9 -0.7		
S39A	Bolivar comp=Z,21nm,1.1s	60.85	340	I	Amb	I	Amb	05	13	06.2
O49A	Covington bazz=166,SNR=5.7	60.88	348	P	P	05	13	03.4 -1.3		
O49A	Covington comp=Z,20nm,1.1s	60.88	348	I	Amb	I	Amb	05	13	06.1
N53A	Lisbon bazz=170	60.91	351	I	Amb	I	Amb	05	13	06.7
N53A	Lisbon comp=Z,13nm,0.9s	60.91	351	I	Amb	I	Amb	05	13	06.7
N54A	Moraine State bazz=170,SNR=8.0	60.95	352	P	P	05	13	04.4 -0.8		
M58A	Price's Panora bazz=174	60.99	355	P	P	05	13	05.0 -0.5		
M57A	Sunshine Farm, bazz=174	61.01	355	P	P	05	13	05.1 -0.5		
M57A	Sunshine Farm, comp=Z,14nm,1.0s	61.01	355	I	Amb	I	Amb	05	13	15.3
N52A	McCinn's Farm, bazz=169	61.04	351	P	P	05	13	04.9 -0.9		
R40A	Maddies Statio comp=Z,23nm,1.2s	61.06	341	I	Amb	I	Amb	05	13	07.4
M59A	Waymart bazz=175,SNR=5.5	61.09	356	P	P	05	13	05.8 -0.3		
O48A	Farmland bazz=165,SNR=6.6	61.11	348	P	P	05	13	05.2 -1.1		
N50A	Nevada bazz=167	61.23	349	P	P	05	13	05.9 -1.2		
N51A	Ashland bazz=168	61.25	350	P	P	05	13	05.8 -1.4		
N51A	Ashland comp=Z,19nm,0.8s	61.25	350	I	Amb	I	Amb	05	13	16.6
M56A	Emporium bazz=172,SNR=6.5	61.26	354	P	P	05	13	07.0 -0.3		
M56A	Emporium comp=Z,30nm,0.8s	61.26	354	I	Amb	I	Amb	05	13	17.3
T35A	Sooner Cattle comp=Z,33nm,1.1s	61.26	337	I	Amb	I	Amb	05	13	10.1
L63A	North Scituate bazz=180	61.27	359	P	P	05	13	06.8 -0.6		
M55A	Ridgway bazz=172,SNR=9.5	61.30	353	P	P	05	13	06.9 -0.6		
MSTX	Muleshoe bazz=146,SNR=9.9	61.38	330	P	P	05	13	08.3 -0.1		
MSTX	Muleshoe comp=Z,26nm,1.1s	61.38	330	I	Amb	I	Amb	05	13	18.9
M54A	Oil Creek Stat bazz=171,SNR=12	61.44	353	P	P	05	13	07.5 -1.0		
L60A	Shokan bazz=177	61.47	357	P	P	05	13	07.9 -0.8		
M53A	WI Miller and bazz=170	61.51	352	P	P	05	13	08.2 -0.8		
N49A	Columbus Grove bazz=166,SNR=13	61.56	349	P	P	05	13	08.3 -1.1		
L58A	Harry Jones Me bazz=175,SNR=7.2	61.62	356	P	P	05	13	09.7 0.0		
M51A	Elyria bazz=168	61.62	350	P	P	05	13	08.5 -1.2		
SFIN	Lafayette bazz=163,SNR=6.3	61.64	346	P	P	05	13	08.7 -1.1		
SFIN	Lafayette comp=Z,27nm,0.8s	61.64	346	I	Amb	I	Amb	05	13	18.0
L57A	Andrews Acres bazz=174	61.65	355	P	P	05	13	09.2 -0.7		
N48A	Decatur bazz=165,SNR=5.9	61.66	348	P	P	05	13	08.8 -1.2		
M52A	Chesterland bazz=169	61.70	351	P	P	05	13	09.5 -0.8		
L59A	Walton bazz=176,SNR=8.2	61.71	357	P	P	05	13	10.6 +0.2		
U32A	Winter Ranch, U32A	61.76	335	P	P	05	13	11.4 +0.6		
BINY	comp=Z,24nm,1.2s									
BINY	Binghamton bazz=175,SNR=7.2	61.78	356	P	P	05	13	10.4 -0.3		
N47A	Urbana bazz=164	61.82	347	P	P	05	13	10.2 -0.9		
N47A	Urbana comp=Z,26nm,0.8s	61.82	347	I	Amb	I	Amb	05	13	20.0
M50A	Fremont bazz=167	61.83	350	P	P	05	13	10.5 -0.6		
L56A	Greenwood bazz=173	61.84	354	P	P	05	13	10.6 -0.6		
L61B	Northampton bazz=178	61.88	359	P	P	05	13	10.8 -0.6		
HRV	Adam Dzewiowski HRV	61.91	360	P	P	05	13	13.9 +2.3		
HRV	comp=Z,32nm,0.9s									
HRV	Adam Dzewiowski bazz=180	61.91	360	P	P	05	13	11.2 -0.5		
HRV	Adam Dzewiowski bazz=180	61.91	360	P	P	05	13	13.9 +2.3		
L53A	Girard bazz=170,SNR=7.1	61.97	354	P	P	05	13	11.5 -0.5		
L55A	Hinsdale bazz=172,SNR=9.9	61.97	354	P	P	05	13	11.7 -0.4		
M49A	Liberty Center bazz=166,SNR=5.5	62.06	349	P	P	05	13	11.7 -0.9		
ERPA	Erie bazz=171	62.08	352	P	P	05	13	12.1 -0.7		
ERPA	Erie bazz=171	62.08	352	P	P	05	13	13.3 +0.5		
L54A	Sinclairville bazz=171,SNR=18	62.12	353	P	P	05	13	12.4 -0.6		
P40A	Paris comp=Z,21nm,0.9s	62.14	342	I	Amb	I	Amb	05	13	22.4
K59A	Cooperstown bazz=176,SNR=9.2	62.28	357	P	P	05	13	14.1 -0.1		
K58A	Earlville bazz=175	62.32	356	P	P	05	13	13.7 -0.7		
HDIL	Hopedale bazz=161	62.34	344	P	P	05	13	13.5 -1.1		
K57A	Scipio Center bazz=174	62.35	355	P	P	05	13	13.7 -0.9		
K56A	Middlesex bazz=173	62.38	355	P	P	05	13	14.2 -0.6		
VNA3	Neumayer Olymp Kingsville	62.38	161	P	P	05	13	15.8 +1.2		
L50A	Kingsville bazz=168	62.41	350	P	P	05	13	14.8 -0.2		
K54A	Basiliko Farm, bazz=172,SNR=8.0	62.42	354	P	P	05	13	14.6 -0.5		
K55A	Perry bazz=173	62.48	359	P	P	05	13	14.6 -0.8		
L48A	N Adams bazz=166,SNR=6.2	62.60	349	P	P	05	13	15.2 -1.1		
VNA1	Neumayer-Stat L49A	62.61	161	P	P	05	13	18.5 +2.5		
L49A	Milan bazz=167	62.64	349	P	P	05	13	16.0 -0.6		
P38A	Dawn comp=Z,20nm,0.9s	62.68	341	I	Amb	I	Amb	05	13	26.2

J60A	Lant Hill Farm bazz=178	62.69	358	P	P	05	13	16.0 -0.8		
AAM	Ann Arbor bazz=167	62.81	349	P	P	05	13	17.3 -0.3		
K52A	Tillsonburg bazz=170	62.83	352	P	P	05	13	17.5 -0.3		
K51A	Iona Station bazz=169	62.88	351	P	P	05	13	17.7 -0.4		
J58A	Remsen bazz=176	62.89	356	P	P	05	13	18.5 +0.3		
N41A	Harden Midland comp=Z,27nm,0.9s	62.89	343	I	Amb	I	Amb	05	13	27.0
J56A	Wolcott bazz=174	62.91	355	P	P	05	13	18.6 +0.3		
J59A	Piesco bazz=176,SNR=7.7	62.95	357	P	P	05	13	18.1 -0.6		
VNA2	Neumayer-Watz J57A	62.97	161	P	P	05	13	19.6 +1.1		
J57A	Williamstown comp=Z,24nm,0.8s	62.98	356	I	Amb	I	Amb	05	13	28.6
J57A	Williamstown comp=Z,24nm,0.8s	62.98	356	I	Amb	I	Amb	05	13	28.6
J55A	Hilton bazz=173	62.98	354	P	P	05	13	18.3 -0.5		
J55A	Hilton bazz=173	62.98	354	P	P	05	13	18.3 -0.5		
L46A	Eue Claire bazz=164	63.03	347	P	P	05	13	18.5 -0.6		
J54A	Appleton bazz=172	63.07	354	P	P	05	13	18.9 -0.4		
K50A	Casco bazz=168	63.10	350	P	P	05	13	19.0 -0.5		
I58A	Old Forge bazz=167,SNR=5.4	63.20	357	P	P	05	13	19.7 -0.6		
KSU1	Kansas State U bazz=153	63.24	338	P	P	05	13	19.8 -0.8		
K49A	Clarkson bazz=167	63.24	350	P	P	05	13	20.0 -0.6		
J52A	Perrin bazz=170,SNR=11	63.25	352	P	P	05	13	19.7 -0.8		
I59A	Oldsteadville bazz=177,SNR=5.7	63.26	358	P	P	05	13	20.9 +0.3		
I62A	Tamworth bazz=180	63.28	360	P	P	05	13	20.5 -0.2		
I60A	Shoreham bazz=178	63.28	358	P	P	05	13	20.3 -0.5		
I61A	Oroboro, Fairl bazz=179	63.35	359	P	P	05	13	20.4 -0.8		
K48A	Perry bazz=166,SNR=8.2	63.38	349	P	P	05	13	20.3 -1.2		
K47A	Vermontville bazz=180,SNR=5.4	63.41	348	P	P	05	13	20.3 -1.3		
R32A	Long Quarter comp=Z,20nm,0.9s	63.42	336	I	Amb	I	Amb	05	13	24.4
I63A	Otisfield bazz=181	63.46	0	P	P	05	13	21.1 -0.8		
I63A	Otisfield bazz=181	63.46	0	P	P	05	13	22.6 +0.6		
I57A	Carthage bazz=175	63.49	356	P	P	05	13	21.2 -1.0		
L44A	Lake County Fo bazz=162	63.54	346	P	P	05	13	21.3 -1.2		
K46A	Dorr bazz=165	63.57	348	P	P	05	13	21.5 -1.2		
LBNH	Lisbon bazz=179	63.65	359	P	P	05	13	22.9 -0.4		
N38A	Joe's South For comp=Z,25nm,0.8s	63.66	341	I	Amb	I	Amb	05	13	32.5
I53A	Kortright Cn E bazz=171	63.72	353	P	P	05	13	23.1 -0.6		
J48A	Bridge Port bazz=187,SNR=5.0	63.80	350	P	P					

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like CCUT Cedar City, TMLC Trail Mountain, EYMN Ely, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like TSUM Tsumeb, LLLB Lillooet, TAM Tamarrasset, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like WMO comp=Z,1µm,29.0s, HYB Hyderabad, SONM Songino Array, etc.

ADC 02 05:09:17.3:0.7,20:21Sx70:52W,h0km,mb4.3/14, mb1 4.4/18, mb1mx4.3/31, mb1mp4.3/18, ML4.3/3, Error ellipse: s-maj=20.7km s-min=15.4km az=55.0, NEIC 02 05:09:18.8:1.1,20:35Sx02:70:62W,0.05,h13km,8km, mb4.7/36,ML4.7(GUC), Error ellipse: s-maj=8.5km s-min=4.7km az=271.0 GUC 02 05:09:21.5:0.7,20:38Sx70:59W,h26km,3km,ML4.7 ISC 02 05:09:18.8:1.1,20:35Sx02:70:62W,0.05,h13km,8km, n102,e1543/110,mb4.7/24,C-8D,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az17, Phase ID, Op, Res, Time, Res, h15, h15C, ISC. Includes stations like TA01 Diego Aracena, PS0G Pisagua, PS0G Pisagua, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes entries like TRCB Terra Rica, ARAG Araguaiana, PLCA Paso Flores, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like V61A Roper, V60A Jim Taylor Roa, W54A Cherokee Point, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like Q55A Buckhannon, R50A Araguiana, R53A Leroy, etc.

SFIN	baz=175 Lafayette	61.86 346	P	P	06 01 19.5 +0.2	214A	Organ Pipe Nat comp=Z,8.3nm,1.2s	65.34 321	Iamb	Iamb	06 01 47.4	ULM	Lac du Bonnet comp=Z,10.0nm,1.1s	73.27 344	Iamb	Iamb	06 02 32.9
ALLY	61.86 352	P	P	06 01 19.2 -0.1	G54A	Lake Saint Pet	65.34 354	P	P	06 01 43.2 +1.0	FLWY	Flagg Ranch	73.36 331	Iamb	Iamb	06 02 36.1	
L57A	61.86 355	P	P	06 01 19.7 +0.3	F60A	Waldodge	65.60 359	P	P	06 01 45.0 +1.1	RLMT	Red Lodge	73.54 333	P	P	06 02 34.1 +0.9	
N48A	61.88 348	P	P	06 01 20.2 +0.8	F52A	Sundridge	65.86 354	P	P	06 01 46.0 +0.4	LAO	LASA Array	73.56 336	P	P	06 02 34.1 +1.0	
M52A	61.92 351	P	P	06 01 19.9 +0.2	ALGO	Algonquin Park	65.89 355	P	P	06 01 46.7 +0.9	LAO	LASA Array	73.56 336	Iamb	Iamb	06 02 36.4	
L59A	61.93 357	P	P	06 01 20.3 +0.5	L34A	Svensden Farm,	65.92 339	P	P	06 01 45.6 -0.5	WAKR	Walker	73.78 322	pP	pP	06 02 39.3 +0.3	
BINY	62.00 356	P	P	06 01 21.0 +0.7	SDCO	Great Sand Dun	65.94 331	P	P	06 01 46.5 -0.2	YMR	Madison River	73.93 331	P	P	06 02 36.8 +1.2	
N47A	62.03 347	P	P	06 01 20.7 +0.2	SDCO	Great Sand Dun	65.94 331	P	Iamb	Iamb	06 01 47.1 +0.5	YHH	Holmes Hill	73.97 332	P	P	06 02 37.1 +1.2
M50A	62.05 350	P	P	06 01 20.8 +0.2	E60A	Ste Agathe de	65.99 360	P	P	06 01 47.3 +0.9	YERR	Yerington	74.00 323	Iamb	Iamb	06 02 39.1 +3.1	
L56A	62.06 354	P	P	06 01 21.2 +0.4	E58A	La Victoria	66.03 358	P	P	06 01 47.0 +0.3	DGMT	Dagmar	74.29 338	P	P	06 02 38.4 +1.1	
L61B	62.09 359	P	P	06 01 21.1 +0.2	BGNE	Belgrade	66.03 338	P	P	06 01 47.4 +0.5	DGMT	Dagmar	74.29 338	Iamb	Iamb	06 02 41.2	
HRV	62.13 360	P	P	06 01 21.4 +0.3	G45A	Suttons Bay	66.04 349	P	P	06 01 47.6 +0.9	SCHO	Schefferville	74.55 2	P	P	06 02 38.4 -0.2	
VNA3	62.17 161	P	P	06 01 23.2 +2.1	F51A	Arnstein	66.05 353	P	P	06 01 46.7 -0.2	PAHR	Pah Rah Range	74.57 323	P	P	06 02 41.7 +2.3	
L53A	62.18 352	P	P	06 01 21.6 +0.1	E57A	Chemin Saint G	66.10 358	P	P	06 01 48.0 +0.8	PAHR	Pah Rah Range	74.57 323	Iamb	Iamb	06 02 43.8	
L55A	62.19 354	P	P	06 01 22.3 +0.7	E55A	Montcerf-Lyto	66.24 356	P	P	06 01 48.9 +0.9	MFID	Camas Ranch	75.30 328	P	P	06 02 45.5 +2.1	
M49A	62.28 349	P	P	06 01 22.2 +0.1	E56A	St. Veronique	66.27 357	P	P	06 01 48.7 +0.5	ORV	Oroville	75.68 322	Iamb	Iamb	06 02 50.0	
ERPA	62.30 352	P	P	06 01 22.5 +0.3	E53A	Dumoine, Ponti	66.28 355	P	P	06 01 48.6 +0.3	EGMT	Eggleton	76.05 334	P	P	06 02 48.5 +1.0	
K61A	62.33 358	P	P	06 01 22.5 +0.1	E54A	Lac Daplat, Po	66.30 355	P	P	06 01 48.3 0.0	EGMT	Eggleton	76.05 334	Iamb	Iamb	06 02 50.6	
L54A	62.34 353	P	P	06 01 23.1 +0.6	D60A	Saint Jean D'O	66.54 0	P	P	06 01 50.6 +0.7	O03E	comp=Z,1.2nm,1.0s baz=132	76.34 322	P	P	06 02 50.0 +0.6	
P40A	62.35 342	Iamb	Iamb	06 01 24.4	E51A	G1948 Merrick	66.61 354	P	P	06 01 51.1 +0.7	O02D	Mt. Diabli Mer	76.83 322	P	P	06 02 53.0 +0.8	
VNA1	62.40 160	P	P	06 01 24.6 +2.0	F45A	CM Biological	66.63 349	P	P	06 01 51.2 +0.7	MSO	Missoula	76.92 331	P	P	06 02 54.4 +1.4	
K59A	62.40 357	P	P	06 01 24.0 +0.4	D57A	Chemin Vers le	66.69 358	P	P	06 01 51.6 +0.7	VNDA	Vanda	78.04 190	P	P	06 02 59.8 +1.5	
K58A	62.54 356	P	P	06 01 24.2 +0.4	D62A	Allapont, All	66.73 1	P	P	06 01 51.7 +0.6	SYO	Syowa Base	78.63 160	epP	epP	06 03 03.6 +1.9	
HDIL	62.55 344	P	P	06 01 23.8 -0.2	D58A	Chemin du LacG	66.74 359	P	P	06 01 52.0 +0.8	SYO	Syowa Base	78.63 160	epP	epP	06 03 14.6 +1.3	
K57A	62.56 355	P	P	06 01 24.3 +0.3	D56A	ZEC Mazanza, M	66.76 357	P	P	06 01 52.1 +0.8	B05A	Bryon	81.82 328	P	P	06 03 20.1 +1.1	
K56A	62.60 355	P	P	06 01 24.5 +0.2	D55A	Sainte-Anne-du	66.77 357	P	P	06 01 52.0 +0.7	YKA	Yellowknife Ar	89.09 341	P	P	06 03 55.6 +0.7	
K54A	62.64 354	P	P	06 01 25.0 +0.5	D61A	St Aubert, Com	66.83 1	P	P	06 01 52.2 +0.5	A36M	Sachs Harbour	90.70 345	P	Pdf	06 04 04.3 +1.4	
K55A	62.70 354	P	P	06 01 25.0 +0.1	E48A	Leod	66.88 352	P	P	06 01 52.6 +0.5	ILAR	Eielson Array	102.01 335	PP	PP	06 09 06.5 +0.9	
VNA2	62.76 161	P	P	06 01 27.7 +2.6	I37A	Lemond, Waseca	66.88 343	Iamb	Iamb	06 01 54.1	BRTR	Keskin Array B	113.50 54	PKPKP	PKPKP	06 09 39.1 +0.4	
L48A	62.82 349	P	P	06 01 25.2 -0.5	D54A	Lac Fusel, La	66.97 356	P	P	06 01 53.1 +0.4	KBZ	Khabaz	120.60 50	PKP	PKPdf	06 09 52.6 +0.5	
L49A	62.86 349	P	P	06 01 26.0 0.0	D53A	Lac Vacive, Po	66.98 355	P	P	06 01 53.1 +0.4	H11S2	WAKE ISLAND Hf125.75 279	T	T	08 29 28.8		
J63A	62.90 360	P	P	06 01 27.6 +1.4	E47A	Iron Bridge	67.01 351	P	P	06 01 53.3 +0.4	H11S1	WAKE ISLAND Hf125.76 279	T	T	08 29 29.5		
J60A	62.91 358	P	P	06 01 27.3 +1.0	LA7Q	La Tuque	67.03 359	P	P	06 01 53.5 +0.5	H11S3	WAKE ISLAND Hf125.77 279	T	T	08 29 30.8		
K52A	63.05 352	P	P	06 01 27.6 +0.4	D52A	Lot 18 Range I	67.14 354	P	P	06 01 53.8 +0.1	H11N3	WAKE ISLAND Hf125.80 280	T	T	08 29 26.0		
K51A	63.10 351	P	P	06 01 27.9 +0.4	D50A	G1974 Best Tow	67.27 353	P	P	06 01 54.4 -0.2	H11N1	WAKE ISLAND Hf125.81 280	T	T	08 29 32.0		
J58A	63.11 356	P	P	06 01 28.0 +0.4	D48A	Paudash Townsh	67.51 352	P	P	06 01 56.0 -0.1	TIXI	Tiksi	127.00 352	PKP	PKPdf	06 10 03.6 +0.1	
J56A	63.13 355	P	P	06 01 28.0 +0.2	ECSD	ERC Data Cent	67.59 340	P	P	06 01 56.6 -0.1	ARU	Arti	127.92 33	PKP	PKPdf	06 10 06.4 +0.7	
J59A	63.17 357	P	P	06 01 28.3 +0.3	ECSD	ERC Data Cent	67.59 340	P	P	06 01 56.6 -0.1	NRK	Norik'sk	128.88 10	PKP	PKPdf	06 10 07.8 +0.7	
J57A	63.20 356	P	P	06 01 28.5 +0.3	ECSD	ERC Data Cent	67.59 340	Iamb	Iamb	06 01 58.8	ASAR	Alce Springs	130.33 210	PKP	PKPdf	06 10 11.4 0.0	
J55A	63.20 354	P	P	06 01 28.9 +0.7	ISCO	Idaho Springs	67.66 332	P	P	06 01 58.1 +0.5	ASAR	Alce Springs	130.33 210	PKP	PKPdf	06 10 12.1 +0.7	
J52A	63.42 357	P	P	06 01 30.0 +0.3	PV01	Paradox Valley	67.73 329	P	P	06 01 57.6 -0.3	ABKAR	Abkarak array	131.28 41	PKP	PKPdf	06 10 13.3 +1.0	
J58A	63.47 352	P	P	06 01 30.4 +0.4	PV15	Paradox Valley	67.83 329	P	Iamb	Iamb	06 02 02.6	WRA	Warramunga Arr	133.25 214	PKP	PKPdf	06 10 17.1 +0.1
I59A	63.48 358	P	P	06 01 30.6 +0.5	SPMN	Marine on St.	67.83 344	P	P	06 01 58.5 +0.4	BVAR	Bovroye Array	135.56 23	PKP	PKPdf	06 10 20.3 +0.1	
I62A	63.50 360	P	P	06 01 31.0 +0.8	SPMN	Marine on St.	67.83 344	Iamb	Iamb	06 01 59.7	KURBB	Kurchatov Arr	141.05 31	PKhKp	PKPPrp	06 10 24.8	
I60A	63.50 358	P	P	06 01 31.0 +0.8	VLDQ	comp=Z,11nm,1.1s baz=158	67.99 355	Iamb	Iamb	06 02 01.4	ZALV	Zalesovo Beam	141.32 23	PKP	PKPdf	06 10 30.9 +0.2	
I61A	63.57 359	P	P	06 01 31.3 +0.7	IRM	Iron Mountain	68.28 322	P	P	06 02 02.9 +1.6	MKAR	Makanchi Array	145.44 33	PKPbc	PKPbc	06 10 38.8 +0.5	
K48A	63.59 349	P	P	06 01 31.2 +0.3	U15A	North Rim	68.32 325	P	Iamb	Iamb	06 02 06.3	NIL	Nilore	145.45 59	PKPbc	PKPbc	06 10 39.4 +0.7
K47A	63.62 348	P	P	06 01 31.5 +0.4	PFO	Pinyon Flats O	68.68 320	P	P	06 02 03.1 -0.8	KSH	Kashi	145.57 48	PKPbc	PKPbc	06 10 39.6 +0.7	
R32A	63.62 336	P	Iamb	06 01 31.7 +0.5	N23A	Red Feather La	68.89 332	P	P	06 02 05.6 +1.6	KSH	Kashi	145.57 48	PKPbc	PKPbc	06 10 40.8 +1.4	
R32A	63.62 336	P	Iamb	06 01 31.7 +0.5	E38A	The Farms, Brul	68.80 345	Iamb	Iamb	06 02 05.2	KSH	Kashi	145.57 48	PKPbc	PKPbc	06 10 41.5 +1.0	
I63A	63.67 0	P	P	06 01 32.2 +0.9	GMR	Granite Mounts	69.02 322	P	P	06 02 07.9 +1.9	KLR	Kul Dur	145.57 333	PKPbc	PKPbc	06 10 37.6 -0.8	
I57A	63.71 356	P	P	06 01 32.3 +0.8	O20A	White River Cr	69.12 330	P	P	06 02 07.4 +0.8	USRK	Ussuriysk Arr	149.16 327	PKPbc	PKPbc	06 10 48.4 -0.2	
K46A	63.79 348	P	P	06 01 32.5 +0.3	LCMT	Little Creek M	69.27 325	P	P	06 02 09.2 +1.7	MJAR	Matsushiro Arr	149.59 309	epPKP	PKPbc	06 10 50.0 -0.1	
LBNH	63.87 359	P	P	06 01 33.5 +1.0	SRU	San Rafael Swe	69.43 328	P	P	06 02 08.6 +0.1	MAT	Matsushiro	149.59 309	epPKP	PKPbc	06 10 51.3 +1.2	
J49A	63.97 350	P	P	06 01 33.6 +0.2	SZCU	Shurtz Canyon	69.61 325	P	P	06 02 11.1 +1.4	PALK	Pallekele	149.79 111	PKPbc	PKPbc	06 10 52.1 +0.9	
J48A	64.02 350	P	P	06 01 33.5 -0.1	MATQ	Mataami	69.64 335	P	P	06 02 10.1 +0.8	WMQ	Urumqi	150.25 32	ep	PKPdf	06 10 46.1 -0.2	
I51A	64.09 352	P	P	06 01 33.8 -0.3	CCUT	Cedar City	69.72 325	P	P	06 02 10.6 +0.1	WMQ	comp=Z,440nm,11.5s		pmax	pmax		
H58A	64.11 357	P	P	06 01 34.5 +0.3	LIC	Lamto	69.83 75	epP	P	06 02 08.2 -3.1	WMQ	comp=N,890nm,29.0s		LR	LR		
I55A	64.14 355	P	P	06 01 34.9 +0.5	TIC	Toumodi	70.01 75	epP	P	06 02 10.4 -2.0	WMQ	comp=E,920nm,29.3s		LR	LR		
J47A	64.14 349	P	P	06 01 34.8 +0.3	EYMN	Ely	70.04 345	P	P	06 02 12.2 +0.4	WMQ	comp=Z,14nm,29.2s		LR	LR		
ANMO	64.15 328	P	P	06 01 35.7 +0.8	EYMN	Ely	70.04 345	Iamb	Iamb	06 02 12.7	HYB	Hyderabad	151.04 90	PKP	PKPbc	06 10 54.0 -0.1	
H61A	64.16 359	P	P	06 01 35.9 +1.3	KIC	Kosan Boka	70.15 75	epP	P	06 02 11.8 -1.5	SOMN	Songino Array	152.09 4	PKPbc	PKPbc	06 10 56.7 +0.7	
H57A	64.21 356	P	P	06 01 35.3 +0.5	DBIC	Dimbokro	70.17 75	P	P	06 02 12.0 -1.4	SOMN	Songino Array	152.09 4	PKPbc	PKPbc	06 10 56.7 +1.0	
H63A	64.29																

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDFB Brasilia, TXAR Lajitas Array, YKAR Pinedale Array, etc.

IDC 02:05:57.02:6.0.7, 19:19Sx70.74W, h0km, mb4.2/14, mb1.4/4.18, mb1mx4.2/30, mbtmp4.3/18, ML4.2/4, Error ellipse: s-maj=25.4km s-min=16.6km az=45.0, NEIC 02:05:57.04:7.1.9, 19:26Sx0.02:70.85W, h10km, 1km, mb4.6/23, ML4.6(GUC), Error ellipse: s-maj=7.5km s-min=2.9km az=268.0, GUC 02:05:57.06:9.0.7, 19:30Sx70.73W, h38km, 2km, ML4.6, ISC 02:05:57.04:4.2.9, 19:25Sx0.03:70.82W, h0.05, h11km, 18km, n86, o:999J,00,mb4.3/19,4C, Near coast of northern Chile

Main table of station data for the left column, including PSGC Pisagua, NMNC Minye Minye, PB12 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVAR Mina Array Brea, ULM Lac du Bonnet, YNE Yellowstone No, etc.

IDC 02:06:00:21.0:2.6, 18:88Sx71.13W, h0km, mb3.8/5, mb1.4/1.6, mb1mx3.8/27, mbtmp3.9/6, ML4.1/1, Error ellipse: s-maj=71.3km s-min=28.3km az=7.0, NEIC 02:06:00:21.1:2.6, 19:38Sx0.03:70.97W, h0.04, h10km, 1km, mb4.1/1, Error ellipse: s-maj=6.5km s-min=4.5km az=83.0, ISC 02:06:00:21.0:0.9, 19:40Sx0.06:71.01W, h0.07, h10km, n20, o:199J,21,mb3.9/5, Off coast of northern Chile

Main table of station data for the middle column, including PSGC Pisagua, NMNC Minye Minye, PB12 IPOC Station P, etc.

SJA 02:06:03:55.7:0.8, 19:20Sx71.63W, h23km, 48km, ML4.9, MM5.0, IDC 02:06:04:09.4:0.5, 19:78Sx70.66W, h0km, mb4.6/19, mb1.4/2.73, mb1mx4.6/29, mbtmp4.6/23, ML4.2/4, MS4.4/4, Ms1.4/4.4, ms1mx3.9/28, Error ellipse: s-maj=17.2km s-min=11.2km az=66.0, NEIC 02:06:04:10.9, 19:92Sx70.87W, h18km, Moment Tensor Solution, Moment tensor: Scale 10^16N; Mrr:0.72; Mss:0.22; Mss:0.94; Mss:0.62; Mss:0.16; Mrr:1.62; Fault plane solution: M1: 94.00x10^16; NP1: 159.6600x10^16; 877.4800x10^16; 1.82.4900x10^16; NP2: 10.9800x10^16; 8.14.5700x10^16; 1.120.4900x10^16; Principal axes: P: 17.8312, P1: 657.0000, Azm:60.0000; N: 0.1941, P1: 7.0000; Azm:161.0000; P: -2.0254, P1: 632.0000; Azm:56.0000; NEIC 02:06:04:11.0:2.3, 19:87Sx0.03:70.80W, h0.03, h10km, 1km, mb5.0/76, Mw1.4/36, ML4.7(GUC), Error ellipse: s-maj=5.7km s-min=3.9km az=327.0, GUC 02:06:04:12.6:0.7, 19:89Sx70.82W, h37km, 2km, ML4.7, VAO 02:06:04:16.5:1.1, 19:71Sx70.60W, h46km, 8km, mb5.0, ISC 02:06:04:10.5:1.3, 19:87Sx0.02:70.85W, h0.04, h10km, 8km, n609, o:1916/15, mb5.0/55, 9C-2D, Near coast of northern Chile

Main table of station data for the right column, including PSGC Pisagua, NMNC Minye Minye, PB12 IPOC Station P, etc.

2nd 6h

CRUC	La Cruz	22.13 344	eP	P	06 09 15.4 +8.6
CRUC	La Cruz	22.13 344	eP	P	06 09 13.3 +6.5
BDFB	Brasilia	22.15 83	P	P	06 09 05.1 -1.7
BDFB	Brasilia	22.15 83	P	P	06 09 04.2 -2.6
GARC	Garzon, Huila	22.39 348	eP	P	06 09 10.7 +1.1
GARC	Garzon, Huila	22.39 348	eP	P	06 09 10.2 +2.5
VAO	Valinhos	22.45 102	eP	P	06 09 09.3 -0.7
SOTA	Rioblanco	22.59 345	eP	P	06 09 16.2 +4.4
SOTA	Rioblanco	22.59 345	eP	P	06 09 16.4 +4.6
PCON	Cinco Dias	22.72 346	eP	P	06 09 18.4 +5.0
PCON	Cinco Dias	22.72 346	eP	P	06 09 18.8 +5.4
BETC	Betania	22.86 348	eP	P	06 09 17.4 +3.0
BETC	Betania	22.86 348	eP	P	06 09 17.3 +3.0
PARB	Paraibuna	23.70 103	eP	P	06 09 22.1 -0.7
PRAC	Prado	23.77 350	eP	P	06 09 22.9 -0.7
PRAC	Prado	23.77 350	eP	P	06 09 22.7 -0.2
GR1C	Gorgona, Isla	23.84 342	eP	P	06 09 29.8 +5.7
PTGC	Puerto Gaitan,	23.95 357	eP	P	06 09 25.0 -0.1
VILC	Villavicencio,	24.00 353	eP	P	06 09 26.6 +0.9
VILC	Villavicencio,	24.00 353	eP	P	06 09 26.6 +0.9
ORTC	Ortega, Tolima	24.02 349	eP	P	06 09 25.3 +0.5
ORTC	Ortega, Tolima	24.02 349	eP	P	06 09 26.4 +0.6
YOTC	Yotoco, Valle	24.31 347	eP	P	06 09 30.1 +1.5
YOTC	Yotoco, Valle	24.31 347	eP	P	06 09 29.9 +1.3
BSCB	Bom Sucesso	24.46 97	eP	P	06 09 28.2 -1.8
CHIC	Chingaza	24.51 353	eP	P	06 09 30.6 -0.1
CHIC	Chingaza	24.51 353	eP	P	06 09 30.7 -0.1
MALC	Bahia Malaga	24.58 344	eP	P	06 09 33.2 +2.4
ANIL	Santa Ana	24.62 349	eP	P	06 09 32.1 +0.5
ANIL	Santa Ana	24.62 349	eP	P	06 09 32.1 +0.5
TOLC	Tolima	24.70 349	eP	P	06 09 36.2 +3.8
ROSC	El Rosal	24.79 352	eP	P	06 09 33.6 +0.3
RREF	El Recreo	25.01 349	eP	P	06 09 39.6 +4.1
RREF	El Recreo	25.01 349	eP	P	06 09 39.1 +3.6
SMTB	Santa Maria do	25.02 67	eP	P	06 09 34.5 -0.5
PLMC	San Jos del P	25.20 347	eP	P	06 09 38.5 +1.9
PLMC	San Jos del P	25.20 347	eP	P	06 09 38.1 +1.9
GUY2C	Guyana, Caldas	25.33 349	eP	P	06 09 39.9 +1.7
GUY2C	Guyana, Caldas	25.33 349	eP	P	06 09 39.9 +1.7
SPBC	San Pablo de B	25.56 353	eP	P	06 09 39.5 -0.3
SPBC	San Pablo de B	25.56 353	eP	P	06 09 39.7 -0.2
NORC	Norcasia	25.58 351	eP	P	06 09 40.7 +0.7
NORC	Norcasia	25.58 351	eP	P	06 09 41.2 +1.2
RUSC	La Rusia	25.70 355	eP	P	06 09 42.0 +0.4
RUSC	La Rusia	25.70 355	eP	P	06 09 42.1 +0.6
JANB	Januaria	25.75 84	eP	P	06 09 40.0 -1.7
CBOC	Ciudad Bolivar	26.07 348	eP	P	06 09 46.7 +2.1
CBOC	Ciudad Bolivar	26.07 348	eP	P	06 09 45.1 +0.0
TAMC	Tame, Arauca	26.13 358	eP	P	06 09 45.2 -0.1
TAMC	Tame, Arauca	26.13 358	eP	P	06 09 45.1 -0.2
HEL C	Santa Helena	26.30 349	eP	P	06 09 47.5 +0.6
HEL C	Santa Helena	26.30 349	eP	P	06 09 47.6 +0.6
PTBC	PUERTO BERRIO,	26.48 352	eP	P	06 09 46.7 -1.5
PTBC	PUERTO BERRIO,	26.48 352	eP	P	06 09 46.2 -2.2
PAMC	Pamplona, Colo	27.10 356	eP	P	06 09 54.2 0.0
PAMC	Pamplona, Colo	27.10 356	eP	P	06 09 54.8 +0.6
ZARC	Zaragoza, Cauc	27.48 351	eP	P	06 09 56.3 -0.8
UREC	San Jos de Ur	27.83 350	eP	P	06 09 50.5 -1.0
UREC	San Jos de Ur	27.83 350	eP	P	06 09 50.7 -1.6
SJMC	Sao Joao de Ma	28.00 93	eP	P	06 10 02.2 +0.3
SBFV	Barra de Sao F	28.31 93	eP	P	06 10 04.8 +0.2
SDV	Santo Domingo	28.58 0	P	P	06 10 06.0 -1.2
SDV	Santo Domingo	28.58 0	eP	P	06 10 10.0 +2.9
SDV	Santo Domingo	28.58 0	eP	P	06 10 07.3 +0.1
SMLC	San Martn de	28.67 353	eP	P	06 10 05.7 -2.1
SMLC	San Martn de	28.67 353	eP	P	06 10 05.9 -1.8
ARGC	Ariguana, Magd	29.73 353	eP	P	06 10 17.8 +0.7
SJCC	San Jacinto, C	29.83 347	eP	P	06 10 19.1 +0.5
SJCC	San Jacinto, C	29.83 347	eP	P	06 10 19.1 +0.5
PCRV	Puerto La Cruz	30.48 12	P	P	06 10 24.1 +0.3
MDP	Montagnes des	30.61 38	P	P	06 10 22.7 -2.2
USHA	Ushuaia	34.95 178	P	P	06 11 02.8 +0.3
RCBR	Riachuelo	36.72 72	P	P	06 11 17.3 -0.9
RCBR	Riachuelo	36.72 72	P	P	06 11 17.6 -0.6
RCBR	Riachuelo	36.72 72	Iamb	Iamb	06 11 19.8
RCBR	Riachuelo	36.72 72	eP	P	06 11 17.7 -0.6
MLRP	Maguayes Islan	37.79 6	P	P	06 11 25.7 -1.4
MLRP	Maguayes Islan	37.79 6	Iamb	Iamb	06 11 29.4
CRPR	Cabo Rojo, PR	37.82 6	P	P	06 11 25.9 -1.5
CRPR	Cabo Rojo, PR	37.82 6	Iamb	Iamb	06 11 27.5
SJG	San Juan	38.03 7	P	P	06 11 28.4 -0.7
SJG	San Juan	38.03 7	P	P	06 11 28.4 -0.7
SJG	San Juan	38.03 7	P	P	06 11 28.4 -0.7
SJG	San Juan	38.03 7	Iamb	Iamb	06 11 29.5
DWPF	Disney Wildern	48.79 348	P	P	06 12 56.3 +0.4
656A	Williston	50.23 347	P	P	06 13 07.3 +0.5
656A	Williston	50.23 347	Iamb	Iamb	06 13 08.7
157A	Early Branch	53.15 349	P	P	06 13 29.4 +0.8
NHSC	New Hope	53.43 350	P	P	06 13 31.7 +1.0
Z58A	St. Stephen	53.60 351	P	P	06 13 32.7 +0.9
Z57A	Bowman	53.70 350	P	P	06 13 33.3 +0.7
Z56A	Williston	53.84 349	P	P	06 13 34.2 +0.5
Y60A	Bolivia	54.03 352	P	P	06 13 35.7 +0.7
Y59A	Loris	54.10 352	P	P	06 13 36.3 +0.7
Y56A	Pelion	54.29 349	P	P	06 13 37.1 +0.2
GOGA	Godfrey	54.34 347	P	P	06 13 37.4 +0.2
Y57A	Sumter	54.35 350	P	P	06 13 37.6 +0.2
Y55A	Saluda	54.53 349	P	P	06 13 38.2 -0.5
X60A	Albert Glenn T	54.57 353	P	P	06 13 38.8 -0.1
X59A	McDuffie Farm,	54.64 352	P	P	06 13 39.7 +0.3
X58A	Rowland	54.72 351	P	P	06 13 39.7 -0.4
Z50A	Ashland	54.75 345	P	P	06 13 39.8 -0.6
Z50A	Ashland	54.75 345	P	P	06 13 40.2 -0.1
Z50A	Ashland	54.75 345	Iamb	Iamb	06 13 49.1
LRAL	Lakeview Retre	54.83 343	P	P	06 13 40.6 -0.2
Y52A	Libburn	54.90 347	P	P	06 13 41.1 -0.3
X56A	White Oak	54.92 350	P	P	06 13 41.9 +0.4
342A	Flagon Creek P	54.97 338	P	P	06 13 43.5 +1.6
X55A	Gracelyn & Ava	55.01 349	P	P	06 13 42.0 -0.2
W60A	Pink Hill	55.01 353	P	P	06 13 41.9 -0.2
W61A	Ground Anchor	55.05 354	P	P	06 13 42.4 0.0
W58A	Raeoford	55.17 352	P	P	06 13 43.2 0.0
W59A	Clintan	55.21 352	P	P	06 13 43.6 0.0
CNCC	Cliffs of the	55.21 353	P	P	06 13 43.6 0.0
X54A	Belton	55.22 348	P	P	06 13 43.5 -0.1
833A	Chaparral WMA,	55.29 329	P	P	06 13 44.8 +0.5
V62A	Hyde County Ai	55.34 355	P	P	06 13 43.7 -0.8
X53A	Estandolee	55.36 348	P	P	06 13 44.3 -0.4
W57A	Gilead	55.41 351	P	P	06 13 45.5 +0.5

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W56A	Indian Trail	55.48 350	P	P	06 13 45.6 0.0
KM5C	Kings Mountain	55.61 350	P	P	06 13 46.6 +0.2
V61A	Roper	55.62 354	P	P	06 13 46.4 -0.2
V60A	Jim Taylor Roa	55.66 354	P	P	06 13 46.6 -0.2
W54A	Cherokee Point	55.70 349	P	P	06 13 46.9 -0.3
X51A	Calhoun	55.75 346	P	P	06 13 47.1 -0.5
V59A	Middlesex	55.77 353	P	P	06 13 47.8 +0.2
V58A	Windy Hill, Pi	55.91 352	P	P	06 13 48.4 -0.3
V57A	Collrane Farms	56.10 351	P	P	06 13 49.6 -0.4
V56A	Mocksville	56.13 351	P	P	06 13 50.2 0.0
U61A	Possum Corner	56.15 355	P	P	06 13 49.3 -0.9
NATX	Nacogdoches	56.19 336	P	P	06 13 51.2 +0.5
V55A	Taylorsville	56.28 350	P	P	06 13 51.2 -0.1
U59A	Littleton	56.30 353	P	P	06 13 51.8 +0.4
U59A	Littleton	56.30 353	Iamb	Iamb	06 13 52.0 +0.6
U59A	Littleton	56.30 353	Iamb	Iamb	06 13 53.3
V64A	Netbo	56.34 349	P	P	06 13 51.4 -0.3
U60A	Pendleton	56.35 354	P	P	06 13 51.4 -0.3
U58A	Oxford	56.43 353	P	P	06 13 52.5 +0.2
CPCT	Cooper Cave	56.53 347	P	P	06 13 53.3 +0.2
CPCT	Cooper Cave	56.53 347	Iamb	Iamb	06 14 02.0
U57A	Blanco	56.57 352	P	P	06 13 53.5 +0.2
SWET	Swansee	56.62 345	P	P	06 13 53.8 0.0
U56A	King	56.64 351	P	P	06 13 54.4 +0.6
V52A	Sevierville	56.71 348	P	P	06 13 53.3 -1.1
V52A	Sevierville	56.71 348	Iamb	Iamb	06 13 55.8
Z41A	Richland Creek	56.84 338	P	P	06 13 55.9 +0.6
T59A	Double "B" Far	56.89 354	P	P	06 13 55.7 +0.1
T59A	Double "B" Far	56.89 354	Iamb	Iamb	06 13 56.5 +1.0
U55A	TAZ, Sparta	56.89 350	P	P	06 13 55.7 0.0
OXF	Oxford	56.89 342	P	P	06 13 55.2 -0.5
OXF	Oxford	56.89 342	Iamb	Iamb	06 13 54.6 -1.0
OXF	Oxford	56.89 342	Iamb	Iamb	06 14 03.8
PLAL	Pickwick Lake	56.95 343	P	P	06 13 54.7 -1.4
T58A	Grand View Acr	56.97 353	P	P	06 13 55.9 -0.3
U54A	Nelsons Funny	57.04 349	P	P	06 13 56.3 -0.5
U54A	Nelsons Funny	57.04 349	Iamb	Iamb	06 13 55.6 -1.1
U54A	Nelsons Funny	57.04 349	Iamb	Iamb	06 13 58.5
T57A	Hurt	57.12 352	P	P	06 13 57.1 -0.2
T57A	Hurt	57.12 352	Iamb	Iamb	06 13 57.0 -0.2
T57A	Hurt	57.12 352	Iamb	Iamb	06 13 59.1
T56A	Rocky Mt	57.25 351	P	P	06 13 57.7 -0.5
JCT	Junction City	57.29 330	P	P	06 13 58.8 +0.2
JCT	Junction City	57.29 330	P	P	06 13 57.5 -1.1
W48A	White Oak Lake	57.34 338	P	P	06 13 58.8 0.0
W48A	White Oak Lake	57.34 338	Iamb	Iamb	06 13 57.8 -1.1
V55A	Pulaski	57.45 351	P	P	06 13 59.4 -0.2
HP1G	Blacksburg	57.48 323	P	P	06 14 01.2 +0.9
BLA	Tazewell	57.52 350	P	P	06 14 00.1 -0.1
S58A	Poland Farm, P	57.58 353	P	P	06 14 00.5 +0.1
T53A	Wise	57.61 349	P	P	06 14 00.6 -0.2
T52A	Hallie	57.82 349	P	P	06 14 01.7 -0.4
S56A	Natural Bridge	57.83 352	P	P	06 14 02.3 +0.1
R58B	Mineral	57.91 353	P	P	06 14 02.9 +0.2
WVT	Waverly	57.97 344	P	P	06 14 02.6 -0.6
WVT	Waverly	57.97 344	P	P	06 14 02.3 -0.9
WVT	Waverly	57.97 344	Iamb	Iamb	06 14 11.3
S55A	Lewburg	58.05 351	P	P	06 14 03.9 +0.1
R59A	King George, V	58.06 354	P	P	06 14 04.1 +0.3
T50A	Nancy	58.10 347	P	P	06 14 03.7 -0.5
S54A	Dingess, Beckl	58.20 350	P	P	06 14 04.4 -0.5
R58A	Rapidan	58.25 353	P	P	06 14 05.3 +0.2
TX31	Lajitas Ar. Si	58.27 326	P	P	06 14 06.1 +0.5
TXAR	Lajitas Array	58.27 326	P	P	06 14 05.8 +0.2
MIAR	Mount Ida	58.27 338	P	P	06 14 04.9 -0.5
MIAR	Mount Ida	58.27 338	Iamb	Iamb	06 14 05.5 +0.1
MIAR	Mount Ida	58.27 338	Iamb	Iamb	06 14 14.4
R57A	Standardsville	58.31 353	P	P	06 14 06.2 +0.6
T49A	Edmonton	58.34 346	P	P	06 14 05.1 -0.8
W41B	Gary Mavity, V	58.39 339	P	P	06 14 06.3 +0.1
R54A	Victor	58.52 351	P	P	06 14 07.0 -0.1
Z35A	Perchaven, San	58.60 334	P	P	06 14 08.8 +1.1
S50A	Richmond	58.65 347	P	P	06

VNA3	Neumayer Olymp Liberty Center	62.19 161	P	P	06 14 33.6 +1.7
M49A	Dunstable	62.24 349	P	P	06 14 32.3 -0.1
K63A	Erie	62.25 359	P	P	06 14 32.2 -0.2
ERPA	Erie	62.25 352	P	P	06 14 32.9 +0.4
ERPA	Erie	62.25 352	P	P	06 14 32.1 -0.4
K61A	Williamstown	62.27 358	P	P	06 14 33.0 +0.4
L54A	Sinclairville	62.29 353	P	P	06 14 33.5 +0.7
WNVY	West Valley, W	62.38 354	P	P	06 14 34.8 +1.5
VNA1	Neumayer-Stat	62.42 160	P	P	06 14 35.4 +2.1
K59A	Cooperstown	62.44 357	P	P	06 14 34.4 +0.6
K58A	Earlville	62.48 356	P	P	06 14 34.4 +0.3
K57A	Scipio Center	62.51 355	P	P	06 14 33.9 -0.3
HDIL	Hopedale	62.52 344	P	P	06 14 34.0 -0.4
K56A	Widdelex	62.54 355	P	P	06 14 34.4 -0.1
K54A	Basilik Farm,	62.59 353	P	P	06 14 35.3 +0.6
K55A	Perry	62.64 354	P	P	06 14 35.1 0.0
L48A	N Adams	62.77 349	P	P	06 14 35.9 -0.1
VNA2	Neumayer-Watz	62.78 161	P	P	06 14 37.9 +2.2
L49A	Milan	62.81 349	P	P	06 14 36.2 -0.1
J60A	Lant Hill Farm	62.85 358	P	P	06 14 36.2 -0.3
121A	Cookes Peak, D	62.96 325	P	P	06 14 38.3 +0.7
K52A	Tillsonburg	63.00 352	P	P	06 14 37.6 +0.1
J58A	Remsen	63.05 356	P	P	06 14 37.5 -0.3
K51A	Iona Station	63.05 351	P	P	06 14 38.0 +0.2
J56A	Wolcott	63.08 355	P	P	06 14 38.4 +0.5
J59A	Piesco	63.11 357	P	P	06 14 38.4 +0.2
J57A	Williamstown	63.15 356	P	P	06 14 38.1 -0.3
J55A	Hilton	63.15 354	P	P	06 14 38.2 -0.2
I58A	Old Forge	63.36 357	P	P	06 14 39.6 -0.3
I59A	Olmsteadville	63.41 358	P	P	06 14 39.8 -0.4
J52A	Paris	63.42 352	P	P	06 14 40.3 0.0
K5U1	Kansas State U	63.43 338	P	P	06 14 40.7 +0.3
I60A	Shoreham	63.44 358	P	P	06 14 40.0 -0.4
I61A	Oroboro, Fairl	63.50 359	P	P	06 14 41.4 +0.6
K48A	Perry	63.55 349	P	P	06 14 41.0 -0.1
K47A	Vermontville	63.58 348	P	P	06 14 41.2 -0.2
R32A	Long Quarter,	63.61 336	IAmb	IAmb	06 14 51.3
I57A	Carthage	63.65 356	P	P	06 14 41.8 0.0
J49A	Narletta	63.92 350	P	P	06 14 43.4 -0.2
J48A	Bridge Port	63.97 350	P	P	06 14 43.5 -0.4
I51A	Listowel	64.05 352	P	P	06 14 43.8 -0.6
H58A	Gabriels	64.05 357	P	P	06 14 44.0 -0.4
I55A	Frankford	64.08 355	P	P	06 14 44.7 +0.2
H61A	Lyndonville	64.10 359	P	P	06 14 43.8 -0.9
J47A	Summer	64.10 349	P	P	06 14 44.8 +0.1
H62A	Milan	64.13 360	P	P	06 14 45.5 +0.5
H60A	Morristown	64.14 359	P	P	06 14 45.7 +0.7
ANMO	Albuquerque	64.15 328	P	P	06 14 46.6 +1.0
ANMO	Albuquerque	64.15 328	P	P	06 14 46.2 +0.6
H57A	Richville	64.15 356	P	P	06 14 45.1 +0.1
H63A	New Sharon	64.22 1 P	P	P	06 14 45.9 +0.3
H59A	Cadyville	64.25 358	P	P	06 14 45.9 +0.2
LONV	Lake Ozonia	64.27 357	P	P	06 14 46.1 +0.2
H65A	Eastbrook	64.30 2 P	P	P	06 14 46.2 +0.2
H56A	Elgin	64.34 356	P	P	06 14 46.6 +0.3
H55A	Tweed	64.37 355	P	P	06 14 46.6 +0.1
SNA4	Sanae	64.40 161	P	P	06 14 47.8 +1.2
SNA4	Sanae	64.40 161	P	P	06 14 47.3 +0.7
SNA4	Sanae	64.40 161	IAmb	IAmb	06 14 56.6
I49A	Point Hope	64.44 350	P	P	06 14 47.2 +0.2
I49A	Point Hope	64.44 350	P	P	06 14 46.9 0.0
FRNY	Flat Rock	64.44 358	P	P	06 14 48.1 +1.1
TUC	Tucson	64.44 323	P	P	06 14 48.2 +0.8
TUC	Tucson	64.44 323	P	P	06 14 48.4 +1.0
H53A	Bocaynegeon	64.52 354	P	P	06 14 47.2 -0.3
G60A	Masonville	64.67 359	P	P	06 14 48.6 +0.1
G59A	Clarenceville	64.67 358	P	P	06 14 48.6 +0.2
H52A	Wyevale	64.73 353	P	P	06 14 49.3 +0.5
G57A	Newington	64.77 357	P	P	06 14 49.5 +0.4
G58A	Ormsdown	64.77 357	P	P	06 14 49.9 +0.8
G62A	West of Eustis	64.78 0 P	P	P	06 14 49.7 +0.5
G62A	West of Eustis	64.78 0 P	P	P	06 14 51.1 +1.9
I47A	Gladwin	64.80 349	P	P	06 14 49.1 -0.2
I48A	Sherman Twp	64.82 350	P	P	06 14 48.9 -0.5
G65A	Princeton	64.83 3 P	P	P	06 14 49.2 -0.2
PKME	Peaks-Kenny Pk	64.84 1 P	P	P	06 14 49.8 +0.3
G64A	Maxfield	64.84 2 P	P	P	06 14 49.7 +0.1
G61A	St-Isidore-de-	64.84 359	P	P	06 14 50.0 +0.5
SCIA	State Center	64.86 342	P	P	06 14 49.9 +0.1
I46A	Reed City	64.89 348	P	P	06 14 49.6 -0.4
T25A	Trinidad	64.94 331	P	P	06 14 51.0 +0.4
JFWS	Jewell Farm	64.98 344	P	P	06 14 50.6 +0.1
G55A	Calabogie	65.03 355	P	P	06 14 50.4 -0.3
G53A	Haliburton	65.07 354	P	P	06 14 51.7 +0.6
G54A	Lake Saint Pet	65.29 354	P	P	06 14 52.8 +0.4
214A	Organ Pipe Nat	65.36 321	P	P	06 14 54.9 +1.6
F64A	Sherman	65.46 2 P	P	P	06 14 53.5 -0.1
F61A	St Evariste	65.53 360	P	P	06 14 54.8 +0.8
F60A	Warwick	65.53 359	P	P	06 14 54.9 +0.9
GLMI	Grayling	65.60 349	P	P	06 14 55.0 +0.5
K5CO	Kaye Shedlock	65.70 333	P	P	06 14 56.2 +0.7
F52A	Sundridge	65.80 354	P	P	06 14 56.1 +0.3
ALGO	Algonquin Park	65.84 355	P	P	06 14 56.4 +0.4
E60A	Ste Agathe de	65.93 360	P	P	06 14 57.1 +0.5
SDCO	Great Sand Dun	65.93 330	P	P	06 14 58.0 +0.9
SDCO	Great Sand Dun	65.93 330	P	P	06 14 58.2 +1.1
E58A	La Vieira	65.97 358	P	P	06 14 57.3 +0.5
E61A	Lac Etchemin	65.99 0 P	P	P	06 14 57.0 0.0
F51A	Arnstein	66.00 353	P	P	06 14 57.1 0.0
E63A	Oxbow	66.02 2 P	P	P	06 14 58.0 +0.8
BGNE	Belgrade	66.02 338	P	P	06 14 57.4 +0.1
BGNE	Belgrade	66.02 338	P	P	06 14 57.0 -0.3
E64A	Bridgewater	66.03 2 P	P	P	06 14 57.2 0.0
E57A	Chemin Saint G	66.04 358	P	P	06 14 57.3 0.0
F49A	Sandfield	66.11 351	P	P	06 14 57.5 -0.2
E55A	Montfort-Lytto	66.18 356	P	P	06 14 58.5 +0.3
E56A	St. Veronique	66.21 357	P	P	06 14 59.0 +0.6
E52A	Mattawa	66.22 354	P	P	06 14 58.4 0.0
E53A	Dunvine, Ponti	66.22 355	P	P	06 14 59.1 +0.6
E54A	Lac Duplat, Po	66.24 355	P	P	06 14 58.7 +0.1
D60A	Saint Jean D'O	66.47 360	P	P	06 14 59.2 -0.8
E51A	G1948 Merrick	66.55 354	P	P	06 15 00.3 -0.2
S22A	4UR Ranch, Cre	66.56 329	P	P	06 15 01.6 +0.4
F45A	CMU Biological	66.59 349	P	P	06 15 00.7 -0.1
D57A	Chemin Vers le	66.63 358	P	P	06 15 00.9 -0.2
D62A	Allapoint, All	66.66 1 P	P	P	06 15 01.7 +0.4
D58A	Chemin du LacG	66.68 358	P	P	06 15 01.6 +0.2
D56A	ZEC Alanzana, M	66.70 357	P	P	06 15 01.6 0.0
D55A	Sainte-Anne-du	66.71 357	P	P	06 15 02.0 +0.4
Q24A	Divide	66.76 331	P	P	06 15 02.7 +0.2
E48A	Lockeyer	66.83 352	P	P	06 15 02.1 -0.3
D54A	Lac Fusel, La	66.92 356	P	P	06 15 02.8 -0.1
D53A	Lac Vacive, Po	66.92 355	P	P	06 15 03.7 +0.7
MVCO	Mesa Verde	66.95 328	P	P	06 15 04.4 +0.8
E47A	Iron Bridge	66.96 351	P	P	06 15 03.4 +0.2
LATQ	La Tuque	66.96 359	P	P	06 15 03.2 0.0
D51A	Lot 18 Range I	67.09 354	P	P	06 15 04.1 +0.1
WU4Z	Wupatki	67.16 325	P	P	06 15 05.8 +0.9
D50A	G1974 Best Tow	67.22 353	P	P	06 15 04.9 +0.1
K31A	O'Neill	67.30 338	P	P	06 15 05.5 +0.1
D49A	Beulah Townshi	67.50 352	P	P	06 15 07.4 +0.8
D47A	Chapleau	67.53 351	P	P	06 15 07.0 +0.2
ECSD	EROS Data Cent	67.56 340	P	P	06 15 07.3 +0.1
Y12C	Blythe	67.64 322	P	P	06 15 08.9 +1.1
ISCO	Idaho Springs	67.65 332	P	P	06 15 08.5 +0.4
SPMN	Marine on St.	67.80 343	P	P	06 15 08.8 +0.3
PDMCI	Parker Dam, Lak	67.82 322	P	P	06 15 10.3 +1.4
IKP	In-Ko-Pah, Jac	67.82 320	P	P	06 15 10.4 +1.3
BC3	Big Chuckwall	68.13 321	P	P	06 15 12.7 +1.7
MONP2	Monument Peak	68.18 320	P	P	06 15 12.1 +0.6
W13A	Huapal Mount	68.24 323	P	P	06 15 12.9 +1.0
IRM	Iron Mountain	68.30 321	P	P	06 15 13.2 +1.2
N23A	Red Feather La	68.39 332	P	P	06 15 15.0 +0.4
XPFO	Pion Flat	68.69 320	P	IAmb	06 15 16.2 +1.6
XPFO	Pion Flat	68.69 320	P	IAmb	06 15 25.8
PFO	Pinyon Flats O	68.70 320	P	P	06 15 15.9 +1.3
GMRC	Granite Mounta	69.04 322	P	P	06 15 17.9 +1.2
KNB	Kanab	69.05 325	P	P	06 15 18.9 +2.1
O20A	White River Ci	69.12 330	P	P	06 15 17.3 +0.1
SRU	San Rafael Swe	69.43 328	P	P	06 15 20.1 +0.9
HSC	Hector,Ludlow	69.47 321	P	P	06 15 20.5 +1.2
MATO	Matagami	69.58 355	P	P	06 15 19.3 -0.3
TUQ	Turquoise Moun	69.65 322	P	P	06 15 21.6 +1.1
LIC	Lamto	69.71 75 ePKP1	P	P	06 15 20.3 -0.7
CCUT	Cedar City	69.74 325	P	P	06 15 23.7 +2.6
BFSC	Mount Baldy Ra	69.85 320	P	P	06 15 22.4 +0.7
TYM	Tomodi	69.88 75 ePKP1	P	P	06 15 22.0 -2.0
EY8M	Ely	70.00 345	P	P	06 15 22.4 +0.2
KIC	Kosan Boka	70.02 75 ePKP1	P	P	06 15 21.2 -1.9
DBIC	Dimbokro	70.04 75 P	P	P	06 15 21.8 -1.4
GSC	Goldstone, Bar	70.07 321	P	P	06 15 24.4 +1.4
DECC	Green Verdugo	70.27 320	P	P	06 15 25.6 +1.4
QSPA	South Pole Qui	70.31 180	P	IAmb	06 15 25.4 +1.2
QSPA	South Pole Qui	70.31 180	P	IAmb	06 15 26.8
K22A	Casper	70.37 333	P	P	06 15 25.5 +0.7
EDW2	Edwards Air Fo	70.49 320	P	P	06 15 27.0 +1.4
RSSD	Black Hills	70.56 335	P	P	06 15 26.8 +0.8
RSSD	Black Hills	70.56 335	P	IAmb	06 15 27.1 +1.2
LRMC	Laurel Mtn Rad	70.71 321	P	P	06 15 28.6 +1.6
TPNV	Topopah Spring	70.90 323	P	P	06 15 29.5 +1.4
FURC	Furnace Creek,	70.92 322	P	P	06 15 29.6 +1.7
MPMC	Manual Prospec				

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Korea Array, Gaotai, Hu-ho-hao-te, Nanjing, Chengdu, Chiang Mai Arr, etc.

IDC 02 06:04:40.6:0.9,31.10N:103.63E, h0km, mb3.9/9, mb1 4.1/10, mb1mx3.8/42, mbtmp4.0/10, ML3.4/1, Error ellipse: s-maj=37.2km s-min=16.3km az=58.0

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

IDC 02 06:26:30.1:1.2, 19.40S:70.98W, h0km, mb3.7/6, mb1 4.0/9, mb1mx3.8/30, mbtmp3.9/9, ML4.0/3, Error ellipse: s-maj=35.2km s-min=23.0km az=33.0

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

IDC 02 06:26:31.7:2.5, 19.63S:0.03:70.91W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.1/3, ML4.5(GUC), Error ellipse: s-maj=8.0km s-min=4.9km az=243.0

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

IDC 02 06:26:32.7:1.0, 19.64S:0.04:71.06W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.0/6, 3C, Off 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 Pisagua, Diego Aracena, etc.

IDC 02 06:26:32.7:1.0, 19.64S:0.04:71.06W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.0/6, 3C, Off 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 Pisagua, Diego Aracena, etc.

IDC 02 06:10:41.3:1.6, 49.01N:154.53E, h118km, mb18km, ML3.8, Kuril Islands

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

IDC 02 06:19:09.6:2.2, 19.71S:71.05W, h0km, mb3.7/3, mb1 3.9/5, mb1mx3.8/19, mbtmp3.8/5, ML3.7/2, Error ellipse: s-maj=44.0km s-min=34.9km az=54.0

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

IDC 02 06:19:11.0:0.7, 19.95S:71.06W, h32km, mb2.1/1, mb4.0/6, 3C, Off 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 Pisagua, Diego Aracena, etc.

IDC 02 06:19:11.0:0.7, 19.95S:71.06W, h32km, mb2.1/1, mb4.0/6, 3C, Off 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 Pisagua, Diego Aracena, etc.

IDC 02 06:19:11.0:0.7, 19.95S:71.06W, h32km, mb2.1/1, mb4.0/6, 3C, Off 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 Pisagua, Diego Aracena, etc.

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

IDC 02 06:26:30.1:1.2, 19.40S:70.98W, h0km, mb3.7/6, mb1 4.0/9, mb1mx3.8/30, mbtmp3.9/9, ML4.0/3, Error ellipse: s-maj=35.2km s-min=23.0km az=33.0

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

IDC 02 06:26:31.7:2.5, 19.63S:0.03:70.91W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.1/3, ML4.5(GUC), Error ellipse: s-maj=8.0km s-min=4.9km az=243.0

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

IDC 02 06:26:32.7:1.0, 19.64S:0.04:71.06W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.0/6, 3C, Off 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 IROC Station P, IROC Station P, etc.

IDC 02 06:26:32.7:1.0, 19.64S:0.04:71.06W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.0/6, 3C, Off 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 IROC Station P, IROC Station P, etc.

IDC 02 06:26:32.7:1.0, 19.64S:0.04:71.06W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.0/6, 3C, Off 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 IROC Station P, IROC Station P, etc.

IDC 02 06:26:32.7:1.0, 19.64S:0.04:71.06W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.0/6, 3C, Off 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 IROC Station P, IROC Station P, etc.

IDC 02 06:26:32.7:1.0, 19.64S:0.04:71.06W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.0/6, 3C, Off 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 IROC Station P, IROC Station P, etc.

IDC 02 06:26:32.7:1.0, 19.64S:0.04:71.06W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.0/6, 3C, Off 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 IROC Station P, IROC Station P, etc.

IDC 02 06:26:32.7:1.0, 19.64S:0.04:71.06W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.0/6, 3C, Off 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 IROC Station P, IROC Station P, etc.

IDC 02 06:26:32.7:1.0, 19.64S:0.04:71.06W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.0/6, 3C, Off 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 IROC Station P, IROC Station P, etc.

IDC 02 06:26:32.7:1.0, 19.64S:0.04:71.06W, h0km, mb4.0/5, h10km, mb1.1/1, mb4.0/6, 3C, Off 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 IROC Station P, IROC Station P, etc.

IDC 02 06:29:14.4:0.5, 20.00S:70.68W, h0km, mb4.7/20, mb1 4.8/23, mb1mx4.7/31, mbtmp4.7/23, ML4.5/3, MS4.8/7, Ms1 4.8/7, ms1mx4.2/30, Error ellipse: s-maj=17.0km s-min=11.1km az=54.0

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

IDC 02 06:29:15.9:2.0, 13S:70.87W, h16km, Moment Tensor Solution, Moment tensor: Scale 1016Nm, Mr:3.07, Mw:0.20, Mw:3.27, Ms:1.59, Mw:0.19, Mw:3.55, Fault plane solution: Ms:0.200x10^16 NP1:16.20.89000°, 323.39000°, 1.125.71000°. NP2:162.82000°, 871.19000°, 1.75.83000°. Principal axes: T 5.1340, P161.0000°, Azm52.0000°, N -0.2303, P13.0000°, Azm167.0000°, P -4.4037, P125.0000°, Azm264.0000°

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

IDC 02 06:29:15.9:2.0, 13S:70.87W, h16km, mb5.2/4, Error ellipse: s-maj=15.4km s-min=7.5km az=116.1

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

IDC 02 06:29:15.9:2.0, 13S:70.87W, h16km, mb5.2/4, Error ellipse: s-maj=15.4km s-min=7.5km az=116.1

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

IDC 02 06:29:15.9:2.0, 13S:70.87W, h16km, mb5.2/4, Error ellipse: s-maj=15.4km s-min=7.5km az=116.1

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

IDC 02 06:29:15.9:2.0, 13S:70.87W, h16km, mb5.2/4, Error ellipse: s-maj=15.4km s-min=7.5km az=116.1

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

IDC 02 06:29:15.9:2.0, 13S:70.87W, h16km, mb5.2/4, Error ellipse: s-maj=15.4km s-min=7.5km az=116.1

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

IDC 02 06:29:15.9:2.0, 13S:70.87W, h16km, mb5.2/4, Error ellipse: s-maj=15.4km s-min=7.5km az=116.1

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

IDC 02 06:29:15.9:2.0, 13S:70.87W, h16km, mb5.2/4, Error ellipse: s-maj=15.4km s-min=7.5km az=116.1

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

IDC 02 06:29:15.9:2.0, 13S:70.87W, h16km, mb5.2/4, Error ellipse: s-maj=15.4km s-min=7.5km az=116.1

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

IDC 02 06:29:15.9:2.0, 13S:70.87W, h16km, mb5.2/4, Error ellipse: s-maj=15.4km s-min=7.5km az=116.1

BETC	Betania	23.11 348	eP	P	06 34 24.3	+2.3
PARB	Parabuna	23.64 102	eP	P	06 34 26.3	-1.0
PRAC	Prado	24.02 350	eP	P	06 34 31.3	+0.5
PTGC	Puerto Gaitan,	24.20 357	eP	P	06 34 31.9	-0.6
ORTC	Ortega, Tollima	24.27 349	eP	P	06 34 33.4	+0.2
BOCC	Bom Bessoso	24.43 327	eP	P	06 34 33.2	-1.2
YOTC	Yotoco, Valle	24.56 347	eP	P	06 34 36.8	+0.8
CHIC	Chingaza	24.76 353	eP	P	06 34 37.9	-0.2
ANIL	Santa Ana	24.87 349	eP	P	06 34 40.0	+1.0
ROSC	El Rosal	25.04 352	P	P	06 34 41.5	+1.0
comp=2.8nm,0.6s,baz=191,slow=9.2,SNR=5.7						
ROSC			LR	LR	06 44 48.9	
ROSC	comp=Z,3um,19.2s,baz=201,slow=3.8					
ROSC	El Rosal	25.04 352	P	P	06 34 42.1	+1.5
ROSC			Iamb	Iamb	06 35 00.6	
SMTB	Santa Maria do	25.11 67	eP	P	06 34 40.0	-0.8
RREF	El Recreo	25.26 349	eP	P	06 34 45.4	+2.5
PLMC	San Jos del P	25.44 347	eP	P	06 34 45.5	+0.7
GUVC	Guayana, Caidas	25.58 350	eP	P	06 34 46.8	+1.3
JAMB	Januaría	25.77 83	eP	P	06 34 44.7	-2.2
SPBC	San Pablo de B	25.81 353	eP	P	06 34 46.6	-0.7
NORC	Norcasia	25.83 351	eP	P	06 34 48.3	+0.9
RUSC	La Rusia	25.95 355	eP	P	06 34 49.2	+0.3
CBOC	Ciudad Bolívar	26.32 348	eP	P	06 34 53.3	+1.3
TAMC	Tame, Arauca	26.41 358	eP	P	06 34 52.9	+0.3
HELQ	San Helena	26.55 350	eP	P	06 34 54.8	+0.5
PTBC	PUERTO BERRIO,	26.73 352	eP	P	06 34 53.9	-1.6
SOLC	Bahia Solano	26.97 345	eP	P	06 34 59.0	+1.4
PAMC	Pampolona, Colo	27.35 356	eP	P	06 35 01.6	+0.1
ZARC	Zaragoza, Cauc	27.73 351	eP	P	06 35 03.0	-1.4
SJMB	Sao Joao De Ma	27.99 392	eP	P	06 35 07.1	+0.2
UREC	San Jose de Ur	28.08 350	eP	P	06 35 06.3	-1.3
SDV	Santo Domingo	28.83 0	P	P	06 35 13.2	-1.2
SDV	Santo Domingo	28.83 0	eP	P	06 35 13.2	-1.2
SDV	Santo Domingo	28.83 0	P	P	06 35 16.9	+2.5
SMLC	San Martín de	28.92 353	eP	P	06 35 12.7	-2.3
ARGC	Arguani, Magd	29.98 353	eP	P	06 35 25.2	+0.7
SJCC	San Jacinto, C	30.14 351	eP	P	06 35 26.1	+0.2
PCRV	Puerto La Cruz	30.72 12	LR	LR	06 48 15.1	
MDP	comp=Z,2um,18.6s,slow=3.7					
MDP	Montañas des	30.80 37	P	P	06 35 31.0	-0.7
TOSP	Speyside	32.83 19	P	P	06 35 49.6	+0.1
EFI	East Falkland	33.04 1651	eP	P	06 35 50.8	-0.2
RCBR	Riachuelo	36.79 72	P	P	06 36 22.6	-1.3
comp=Z,2.8nm,0.9s,baz=109,slow=9.6,SNR=9.2						
RCBR	Riachuelo	36.79 72	P	P	06 36 23.8	-0.1
RCBR			pmax	pmax		
RCBR	Riachuelo	36.79 72	P	P	06 36 23.8	-0.1
RCBR			Iamb	Iamb	06 36 24.4	
RCBR	Riachuelo	36.79 72	eP	P	06 36 21.9	-2.0
ICMP	Isla Gaja de M	38.01 7	P	P	06 36 32.2	-0.8
MLPR	Maguayes Islan	38.04 6	P	P	06 36 32.6	-1.6
CRPR	Cabo Rojo, PR	38.07 6	P	P	06 36 33.6	-1.0
OBIP	Obispado Ponce	38.16 7	P	P	06 36 32.8	-2.5
PDPB	Patillas Dam,	38.20 7	P	P	06 36 33.9	-1.8
PDPB			Iamb	Iamb	06 36 35.0	
SJG	San Juan	38.28 7	P	P	06 36 33.8	-2.4
SJG	San Juan	38.28 7	P	P	06 36 34.6	-1.7
SJG			pmax	pmax		
SJG	San Juan	38.28 7	P	P	06 36 34.6	-1.7
SJG			Iamb	Iamb	06 36 36.2	
HUMP	Col San Antonio	38.34 8	P	P	06 36 35.5	-1.3
HUMP			Iamb	Iamb	06 36 37.9	
AOPB	Arecibo Observ	38.44 6	Iamb	Iamb	06 36 37.2	
GCPB	Guaynabo City	38.48 7	P	P	06 36 35.8	-2.2
GCPB			Iamb	Iamb	06 36 45.3	
CUPB	Culebra, Puert	38.58 8	P	P	06 36 36.5	-2.3
CUPB			Iamb	Iamb	06 36 38.3	
STVI	Saint Thomas	38.67 9	P	P	06 36 37.5	-2.0
TEIG	Tepeich	43.59 336	P	P	06 37 20.1	+0.1
TEIG	Tepeich	43.59 336	Iamb	Iamb	06 37 22.4	
CMIG	comp=Z,2.2nm,0.8s					
CMIG	Matias Romero	43.88 326	P	P	06 37 23.3	+0.9
DWPF	Disney Wilder	49.03 348	P	P	06 38 03.3	+0.5
TIGA	Triton	52.71 346	P	P	06 38 30.7	+0.3
TIGA	baz=165					
158A	Hollywood	53.32 350	P	P	06 38 36.1	+1.2
NHSC	New Hope	53.68 350	P	P	06 38 37.7	+0.2
Z58A	St. Stephen	53.84 351	P	P	06 38 38.7	0.0
Z58A	baz=170,SNR=6.8					
250A	Grady	53.87 344	Iamb	Iamb	06 38 47.7	
Z57A	Bowman	53.95 350	P	P	06 38 39.1	-0.4
Z56A	Williston	54.09 349	P	P	06 38 40.5	0.0
152A	Waverly Hall	54.15 346	Iamb	Iamb	06 38 42.4	
Y60A	Bolivia	54.28 352	P	P	06 38 41.9	0.0
Y59A	Loris	54.35 352	P	P	06 38 42.6	+0.2
Y58A	Scranton	54.38 351	P	P	06 38 42.8	+0.1
GOGA	Godfrey	54.58 347	P	pmax	06 38 43.6	-0.5
GOGA			pmax	pmax		
GOGA	Godfrey	54.58 347	P	P	06 38 43.6	-0.5
GOGA	Godfrey	54.58 347	P	P	06 38 43.5	-0.5
Y57A	Sumter	54.60 350	P	P	06 38 43.9	-0.3
Y55A	Saluda	54.78 349	P	P	06 38 45.1	-0.4
X60A	Albert Glenn T	54.82 353	P	P	06 38 45.5	-0.3
X59A	McDuffie Farm,	54.89 352	P	P	06 38 45.7	-0.6
Z50A	Ashland	55.00 345	P	P	06 38 45.9	-1.3
Z50A	Ashland	55.00 345	P	P	06 38 46.2	-0.9
Z50A			Iamb	Iamb	06 38 48.5	
LRAL	Lakeview Retre	55.07 343	P	P	06 38 46.6	-1.1
Y52A	Lilburn	55.15 347	P	P	06 38 47.1	-1.1
X56A	White Oak	55.17 350	P	P	06 38 48.1	-0.2
X55A	Gracelyn & Ava	55.26 349	P	P	06 38 48.5	-0.5
W60A	Pink Hill	55.26 353	P	P	06 38 48.9	0.0
HKT	Hockley	55.30 334	eP	pmax	06 38 50.1	+0.8
HKT			pmax	pmax		
W61A	Ground Anchor	55.31 354	P	P	06 38 49.5	+0.2
W58A	Raeford	55.42 352	P	P	06 38 50.1	0.0
W59A	Clinton	55.46 352	P	P	06 38 50.0	-0.4
CNNC	Cliffs of the	55.46 353	P	P	06 38 50.3	-0.2
CNNC	Cliffs of the	55.46 353	P	P	06 38 50.9	+0.4
CNNC			Iamb	Iamb	06 38 52.2	
X54A	Belton	55.47 348	P	P	06 38 49.8	-0.7
833A	Chaparral WMA,	55.51 329	P	P	06 38 50.3	-0.6
X53A	Estanolle	55.60 348	P	P	06 38 50.3	-1.2
W57A	Gilead	55.66 351	P	P	06 38 51.7	-0.1
W57A			Iamb	Iamb	06 38 53.4	

W56A	Indian Trail	55.73 350	P	P	06 38 51.9	-0.4
KM5C	Kings Mountain	55.86 350	P	P	06 38 53.4	+0.1
KM5C	Kings Mountain	55.86 350	Iamb	Iamb	06 38 55.4	
V61A	Roper	55.88 354	P	P	06 38 52.4	-0.9
V60A	Jim Taylor Roa	55.92 354	P	P	06 38 53.5	-0.1
W54A	Cherokee Point	55.95 349	P	P	06 38 53.8	-0.1
X51A	Calhoun	56.00 346	P	P	06 38 53.4	-0.9
BG3	Lake Jocassee	56.00 348	P	P	06 38 54.6	+0.2
V59A	Middlesex	56.02 353	P	P	06 38 54.5	+0.1
V58A	Windy Hill, Pi	56.16 352	P	P	06 38 55.4	-0.1
V58A	Windy Hill, Pi	56.16 352	P	P	06 38 55.0	-0.5
V58A			Iamb	Iamb	06 38 56.5	
W52A	comp=Z,31nm,1.2s					
W52A	Murphy	56.30 347	P	P	06 38 55.7	-0.9
V57A	Coltrane Farms	56.34 351	P	P	06 38 56.1	-0.7
V57A	Mocksville	56.38 351	P	P	06 38 56.9	-0.1
U61A	comp=Z,11nm,0.7s					
U61A	Possum Corner	56.40 355	P	P	06 38 57.0	-0.1
NATX	Nacogdoches	56.42 336	P	P	06 38 57.0	-0.4
NATX	Nacogdoches	56.42 336	P	P	06 38 58.4	+1.1
NATX			Iamb	Iamb	06 39 00.4	
X48A	Hartselle	56.42 344	Iamb	Iamb	06 38 56.5	-0.8
X48A			Iamb	Iamb	06 38 58.2	
V55A	Taylorville	56.53 350	P	P	06 38 58.1	0.0
V55A	Taylorville	56.53 350	Iamb	Iamb	06 38 59.8	
U59A	Littleton	56.55 353	P	P	06 38 58.4	+0.2
U59A	Littleton	56.55 353	P	P	06 38 58.6	+0.4
U59A			Iamb	Iamb	06 39 00.1	
V54A	Nebo	56.58 349	P	P	06 38 58.2	-0.3
U60A	Pendleton	56.60 354	P	P	06 38 57.8	-0.8
V53A	Saluda	56.64 348	P	P	06 38 58.9	-0.1
U58A	Oxford	56.68 353	P	P	06 38 58.5	-0.6
CPCT	Cooper Cave	56.77 347	P	P	06 38 59.1	-0.7
CPCT			Iamb	Iamb	06 39 01.3	
TKL	Tuckaleechee C	56.82 347	Iamb	Iamb	06 39 00.9	
U57A	Blanch	56.82 352	P	P	06 38 59.6	-0.5
U56A	King	56.88 351	P	P	06 39 00.6	0.0
U56A			Iamb	Iamb	06 39 02.7	
Z41A	Richland Creek	57.08 338	P	P	06 39 02.0	0.0
237A	Washetta, Mont	57.09 335	P	P	06 39 03.0	+0.9
OXF	Oxford	57.13 342	Iamb	Iamb	06 39 03.6	
T59A	Double "B" Far	57.14 354	P	P	06 39 02.2	-0.1
U55A	Sparta	57.14 350	P	P	06 39 01.7	-0.8
PLAL	Pickwick Lake	57.20 343	P	P	06 39 01.3	-1.5
T58A	Grand View Acr	57.22 353	P	P	06 39 02.9	0.0
T60A	Surry	57.23 354	P	P	06 39 02.4	-0.6
U54A	Nelsons Funny	57.29 349	P	P	06 39 03.1	-0.4
U54A	Nelsons Funny	57.29 349	Iamb	Iamb	06 39 05.3	
T57A	Hurt	57.37 352	P	P	06 39 03.8	-0.2
T57A	Hurt	57.37 352	P	P	06 39 03.6	-0.4
T57A			Iamb	Iamb	06 39 05.8	
T56A	Rocky Mt	57.50 351	P	P	06 39 04.8	-0.2
JCT	Junction City	57.51 330	P	pmax	06 39 05.8	+0.6
JCT	Junction City	57.51 330	P	P	06 39 04.7	-0.5
JCT	Junction City	57.51 330	P	P	06 39 05.8	+0.6
V48A	Smith Brothers	57.59 345	Iamb	Iamb	06 39 06.9	
X43A	Marvell	57.59 340	P	P	06 39 05.3	-0.3
TZTN	Tazewell	57.63 348	P	P	06 39 05.1	-0.7
TZTN	Tazewell	57.63 348	P	P	06 39 05.7	-0.1
HPG	Hallie	57.69 323	P	P	06 39 06.9	+0.2
T55A	Pulaski	57.73 351	P	P	06 39 06.0	-0.4
BLA	Blacksburg	57.74 351	P	P	06 39 05.6	-1.0
BLA	Blacksburg	57.74 351	Iamb	Iamb	06 39 10.1	
WHTX	Lake Whitney,	57.76 333	P	P	06 39 06.5	-0.3
WHTX	Lake Whitney,	57.76 333	P	P	06 39 07.3	+0.5
WHTX			Iamb	Iamb	06 39 09.2	
T54A	Tazewell	57.77 350	P	P	06 39 05.9	-1.1
CLTN	Cedars of Leba	57.80 345	P	P	06 39 06.4	-0.7
S58A	Poland Farm, P	57.83 353	P	P	06 39 06.4	-0.8
S58A	Poland Farm, P	57.83 353	Iamb	Iamb	06 39 19.9	
T53A	Wise	57.86 349	P	P	06 39 06.6	-1.0
Z38A	Me. Pleasant	57.88 336	P	P	06 39 08.2	+0.5
S59A	Mechanicsville	57.90 354	P	P	06 39 07.0	-0.7
T5						

O52A	Adamsville	60.80	350	I	Amb	06 39 36.1			
SSPA	Standing Stone	60.80	354	P	P	06 39 27.6 -0.1			
SSPA	Standing Stone	60.80	354	P	I	06 39 28.0 +0.3			
SSPA	Standing Stone	60.80	354	P	I	06 39 29.8			
N60A	Cedar Hill Far	60.81	356	P	P	06 39 27.7 -0.1			
P48A	Milroy	60.82	347	P	P	06 39 27.0 -0.9			
O53A	New Philadelph	60.83	351	P	P	06 39 27.7 -0.3			
N57A	Milroy	60.89	354	P	P	06 39 28.2 -0.1			
N58A	Sunbury	60.90	355	P	P	06 39 28.6 +0.3			
N58A	Sunbury	60.90	355	I	Amb	06 39 29.9			
N59A	State Game Lan	60.90	356	P	P	06 39 28.4 0.0			
O51A	Pataskala	60.95	350	P	P	06 39 28.5 -0.3			
CCM	Cathedral Cave	60.97	342	P	P	06 39 27.9 -1.0			
CCM	Cathedral Cave	60.97	342	P	P	06 39 28.7 -0.2			
CCM	Cathedral Cave	60.97	342	P	I	06 39 27.9 -1.0			
ODNJ	Ogdensburg	60.99	357	I	Amb	06 39 40.2			
N55A	Marion Center	61.06	353	P	P	06 39 29.6 +0.1			
ACSO	Alum Creek Sta	61.10	349	P	P	06 39 28.8 -1.0			
N56A	West Decatur	61.12	354	P	P	06 39 30.2 +0.2			
O50A	Cable	61.13	349	P	P	06 39 29.6 -0.4			
Q44A	Meyer Farm, Va	61.14	344	P	P	06 39 29.0 -1.0			
M60A	Port Jervis	61.24	357	P	P	06 39 30.7 0.0			
MNTX	Cornudas Mount	61.25	327	P	P	06 39 30.5 -0.6			
MNTX	Cornudas Mount	61.25	327	I	Amb	06 39 32.8			
S39A	Bolivar	61.28	340	I	Amb	06 39 32.7			
O49A	Covington	61.30	348	P	P	06 39 30.4 -0.8			
O49A	Covington	61.30	348	I	Amb	06 39 31.7			
N53A	Lisbon	61.33	351	P	P	06 39 31.2 -0.1			
N54A	Moraine State	61.37	352	P	P	06 39 32.2 +0.7			
N54A	Moraine State	61.37	352	I	Amb	06 39 33.9			
P46A	Rosedale	61.37	346	I	Amb	06 39 31.7			
M58A	Price's Panora	61.40	355	P	P	06 39 32.3 +0.5			
R70A	Sunshine Farm,	61.42	353	P	P	06 39 31.9 -0.9			
M54A	Maddies Statio	61.49	341	I	Amb	06 39 33.9			
M59A	Waymart	61.50	356	P	P	06 39 32.5 0.0			
O48A	Farmland	61.53	348	P	P	06 39 32.4 -0.3			
N50A	Nevada	61.66	349	P	P	06 39 33.1 -0.4			
N51A	Ashland	61.67	350	P	P	06 39 33.1 -0.5			
N51A	Ashland	61.67	350	I	Amb	06 39 34.3			
M56A	Emporium	61.67	354	P	P	06 39 33.8 +0.1			
L63A	North Scituate	61.68	359	P	P	06 39 33.8 +0.2			
M55A	Ridgway	61.72	353	P	P	06 39 34.2 +0.2			
L64A	Middleborough	61.75	0	P	P	06 39 34.3 +0.2			
M57A	Muleshoe	61.80	330	P	P	06 39 34.3 -0.5			
M54A	Oil Creek Stat	61.86	352	P	P	06 39 34.9 0.0			
L60A	Shokan	61.88	357	P	P	06 39 35.1 0.0			
M53A	W I Miller and	61.92	352	P	P	06 39 34.9 -0.5			
VNA3	Neumayer Olym	61.95	161	P	P	06 39 36.7 +1.5			
N49A	Columbus Grove	61.99	349	P	P	06 39 34.7 -1.1			
L58A	Harry Jones Me	62.03	356	P	P	06 39 35.6 -0.4			
L57A	Andrews Acres	62.06	355	P	P	06 39 35.7 -0.6			
SFIN	Lafayette	62.07	346	P	P	06 39 35.3 -1.0			
N48A	Decatur	62.09	348	P	P	06 39 35.5 -1.0			
L59A	Walton	62.12	356	P	P	06 39 36.5 -0.2			
O44A	Mansfield	62.18	345	I	Amb	06 39 36.4			
U32A	Winter Ranch,	62.19	334	I	Amb	06 39 38.6			
BINY	Binghamton	62.19	356	P	P	06 39 36.5 -0.7			
N47A	Urbana	62.24	347	P	P	06 39 36.1 -1.3			
N47A	Urbana	62.24	347	I	Amb	06 39 38.3			
M50A	Fremont	62.25	350	P	P	06 39 36.7 -0.8			
M50A	Fremont	62.25	350	I	Amb	06 39 38.2			
L56A	Greenwood	62.26	354	P	P	06 39 37.6 0.0			
L61B	Northampton	62.28	358	P	P	06 39 37.2 -0.5			
HRV	Adam Dzewonsk	62.32	359	P	P	06 39 37.2 -0.7			
L53A	Girard	62.38	352	P	P	06 39 37.7 -0.7			
L55A	Hinsdale	62.39	354	P	P	06 39 38.1 -0.4			
M49A	Liberty Center	62.48	349	P	P	06 39 38.5 -0.0			
ERPA	Erie	62.50	352	P	P	06 39 38.6 -0.6			
ERPA	Erie	62.50	352	P	P	06 39 39.0 -0.2			
K61A	Williamstown	62.52	358	P	P	06 39 38.8 -0.5			
L54A	Sinclair-dre-De	62.54	353	P	P	06 39 39.3 -0.1			
VNA2	Neumayer-Watz	62.54	161	P	P	06 39 40.6 +1.4			
P40A	Paris	62.57	342	I	Amb	06 39 56.1			
M47A	Cromwell	62.69	348	P	P	06 39 39.5 -1.0			
K59A	Cooperstown	62.69	357	P	P	06 39 40.7 +0.2			
K58A	Earlville	62.73	356	P	P	06 39 40.7 0.0			
K57A	Scipio Center	62.76	355	P	P	06 39 40.3 -0.6			
HDIL	Hopedale	62.77	344	P	P	06 39 40.5 -0.5			
HDIL	Hopedale	62.77	344	I	Amb	06 39 42.2			
K56A	Middlesex	62.79	355	P	P	06 39 40.6 -0.6			
L50A	Kingsville	62.84	350	P	P	06 39 40.7 -0.7			
K54A	Basillko Farm,	62.84	353	P	P	06 39 41.5 0.0			
K55A	Perry	62.89	354	P	P	06 39 41.6 -0.2			
L48A	N Adams	63.02	349	P	P	06 39 42.6 -0.1			

L49A	Milan	63.06	349	P	P	06 39 42.7 -0.3			
J60A	Lant Hill Farm	63.10	358	P	P	06 39 43.2 +0.1			
319A	Douglas	63.11	323	I	Amb	06 39 46.9			
P38A	Dawn	63.11	340	I	Amb	06 39 43.6			
121A	Cookes Peak, D	63.17	325	P	P	06 39 44.2 +0.1			
121A	Cookes Peak, D	63.17	325	I	Amb	06 39 51.2			
J61A	Chester	63.17	359	P	P	06 39 44.1 +0.4			
K52A	Tilsonburg	63.25	352	P	P	06 39 44.0 -0.1			
J58A	Remsen	63.30	356	P	P	06 39 44.2 -0.3			
J58A	Remsen	63.30	356	I	Amb	06 39 47.6			
K51A	Iona Station	63.30	351	P	P	06 39 44.4 -0.1			
J56A	Westcott	63.33	355	P	P	06 39 44.3 -0.4			
J59A	Piesco	63.36	357	P	P	06 39 45.2 +0.3			
J57A	Williamstown	63.40	356	I	Amb	06 39 45.2 +0.1			
J54A	Appleton	63.49	354	P	P	06 39 45.5 -0.2			
K50A	Casco	63.52	350	P	P	06 39 45.0 -0.9			
K50A	Casco	63.52	350	P	P	06 39 45.5 -0.4			
I58A	Old Forge	63.61	357	P	P	06 39 46.6 0.0			
K5U1	Kansas State U	63.66	338	P	P	06 39 46.5 -0.4			
I59A	Olmsteadville	63.66	358	P	P	06 39 46.7 -0.2			
K49A	Clarkson	63.66	350	P	P	06 39 46.5 -0.4			
J52A	Paris	63.67	352	P	P	06 39 46.5 -0.4			
I62A	Tamworth	63.69	360	P	P	06 39 46.5 -0.5			
I60A	Shoreham	63.69	358	P	P	06 39 46.9 -0.1			
I61A	Oroboro	63.75	359	P	P	06 39 48.1 +0.7			
K48A	Perry	63.80	349	P	P	06 39 47.0 -0.8			
K47A	Vermontville	63.83	348	P	P	06 39 46.8 -1.2			
R32A	Long Quarter,	63.84	336	I	Amb	06 39 50.3			
NCB	Newcomb	63.85	357	I	Amb	06 39 57.0			
I57A	Carthage	63.90	356	P	P	06 39 47.8 -0.6			
L44A	Lake County Fo	63.97	346	P	P	06 39 47.8 -1.1			
K46A	Doir	64.00	348	P	P	06 39 48.0 -1.1			
N38A	Joess South For	64.08	341	I	Amb	06 39 50.0			
SNA4	Sanae	64.16	161	P	P	06 39 51.0 +1.0			
SNA4	Sanae	64.16	161	P	P	06 39 50.6 +0.6			
SNA4	Sanae	64.16	161	P	I	06 39 50.6 +0.6			
J49A	Marlette	64.17	350	P	P	06 39 49.0 -1.3			
J48A	Bridge Port	64.22	350	P	P	06 39 49.5 -1.0			
I51A	Listowel	64.30	352	P	P	06 39 50.2 -0.8			
H58A	Gabriels	64.30	357	P	P	06 39 50.9 -0.2			
I55A	Frankford	64.33	355	P	P	06 39 51.2 0.0			
J47A	Sunmer	64.35	349	P	P	06 39 50.9 -0.5			
H61A	Lynnsville	64.35	359	P	P	06 39 52.0 +0.6			
ANMO	Albuquerque	64.37	328	P	P	06 39 53.2 +1.2			
ANMO	Albuquerque	64.37	328	P	P	06 39 51.6 -0.4			
ANMO	Albuquerque	64.37	328	P	P	06 39 52.5 +0.6			
H62A	Milan	64.38	360	P	P	06 39 51.8 +0.2			
H60A	Morristown	64.39	359	P	P	06 39 51.5 -0.2			
H57A	Richville	64.41	356	P	P	06 39 51.8 +0.1			
H63A	New Sharon	64.47	1	P	P	06 39 52.6 +0.5			
H59A	Cadyville	64.51	358	P	P	06 39 52.4 0.0			
LONV	Lake Ozonia	64.52	357	P	P	06 39 52.9 +0.4			
CBK5	Cedar Bluff	64.58	335	P	P	06 39 53.3 +0.2			
H56A	Elgin	64.59	356	P	P	06 39 53.2 +0.3			
H55A	Tweed	64.62	355	P	P	06 39 53.8 +0.7			
DELO	Deloro Mine	64.62	355	I	Amb	06 39 54.7			
TUC	Tucson	64.65	323	P	P	06 39 53.3 -0.4			
TUC	Tucson	64.65	323	P	P	06 39 52.5 -1.2			
TUC	Tucson	64.65	323	P	P	06 39 53.3 -0.4			
H53A	Bobcaygeon	64.77	354	P	P	06 39 53.9 -0.2			
G59A	Clarenceville	64.92	358	P	P	06 39 55.4 +0.4			
H52A	Wyevale	64.98	353	P	P	06 39 55.3 -0.2			
G57A	Newington	65.02	357	P	P	06 39 55.6 -0.1			
G58A	Ormsvton	65.02	357	P	P	06 39 55.8 +0.1			
G62A	West of Eustis	65.03	0	P	P	06 39 56.7 +0.9			
G62A	West of Eustis	65.03	0	P	P	06 39 57.3 +1.5			
I47A	Gladwin	65.05	349	P	P	06 39 55.2 -0.7			
I47A	Gladwin	65.05	349	I	Amb	06 39 56.8			
I48A	Sherman Twp	65.07	350	P	P	06 39 55.9 -0.2			
PKME	Peaks-Kenny Pk	65.09	1	P	P	06 39 56.3 +0.1			
G61A	St-Richard-de	65.09	359	P	P	06 39 57.1 +0.9		</	

SRU	comp=Z,16nm,1.1s	San Rafael Swe	69.65 328	P	P	06 40 26.6 +1.1
SRU	comp=Z,23nm,1.1s	San Rafael Swe	69.65 328	P	P	06 40 26.6 +1.1
SRU	comp=Z,12nm,0.8s	Matagami	69.76 355	P	P	06 40 25.9 -0.6
MATO	comp=Z,12nm,0.8s	Matagami	69.76 355	P	P	06 40 25.9 -0.6
TIC	comp=Z,12nm,0.8s	Toumudi	69.94 75	ePKP2	P	06 40 25.5 -2.1
QSPA	comp=Z,12nm,0.8s	South Pole Qui	70.06 180	P	I	06 40 28.5 +0.9
QSPA	comp=Z,12nm,0.8s	South Pole Qui	70.06 180	P	I	06 40 28.5 +0.9
KIC	comp=Z,34nm,1.2s	Kosan Boka	70.08 75	ePKP2	P	06 40 27.0 -1.4
FMP	comp=Z,22nm,1.1s	Fort Macarthur	70.08 319	P	P	06 40 28.0 +0.7
DBIC	comp=Z,17nm,0.9s	Dimbokro	70.10 75	P	P	06 40 26.9 -1.6
DBIC	comp=Z,17nm,0.9s	Dimbokro	70.10 75	P	P	06 40 26.9 -1.6
DBIC	comp=Z,838nm,19.8s	Dimbokro	70.10 75	P	P	06 40 26.8 -1.7
DBIC	comp=Z,22nm,1.1s	Dimbokro	70.10 75	P	P	06 40 26.8 -1.7
DBIC	comp=Z,22nm,1.1s	Dimbokro	70.10 75	P	P	06 40 26.8 -1.7
DBIC	comp=Z,22nm,1.1s	Dimbokro	70.10 75	P	P	06 40 26.8 -1.7
RWWY	comp=Z,9nm,1.4s	Rawlins	70.12 332	I	I	06 40 38.7
SHRP	comp=Z,9nm,1.4s	Sheep Range	70.18 323	I	I	06 40 32.7
EYMN	comp=Z,12nm,0.9s	Ely	70.25 345	P	P	06 40 28.8 +0.0
EYMN	comp=Z,12nm,0.9s	Ely	70.25 345	P	P	06 40 28.8 +0.0
GSC	comp=Z,15nm,1.1s	Goldstone, Bar	70.28 321	P	P	06 40 31.1 +1.8
GSC	comp=Z,15nm,1.1s	Goldstone, Bar	70.28 321	P	P	06 40 31.1 +1.8
GSC	comp=Z,15nm,1.1s	Goldstone, Bar	70.28 321	P	P	06 40 31.1 +1.8
GSC	comp=Z,15nm,1.1s	Goldstone, Bar	70.28 321	P	P	06 40 31.1 +1.8
SHOC	comp=Z,15nm,1.1s	Shoshone, Teco	70.38 322	P	P	06 40 31.4 +1.6
K22A	comp=Z,15nm,1.1s	Casper	70.60 333	P	P	06 40 31.5 +0.3
EDW2	comp=Z,15nm,1.1s	Edwards Air Fc	70.69 320	P	P	06 40 32.4 +0.6
RSSD	comp=Z,11nm,1.1s	Black Hills	70.79 335	P	P	06 40 33.4 +1.0
RSSD	comp=Z,11nm,1.1s	Black Hills	70.79 335	P	P	06 40 33.4 +1.0
RSSD	comp=Z,11nm,1.1s	Black Hills	70.79 335	P	P	06 40 33.4 +1.0
RSSD	comp=Z,11nm,1.1s	Black Hills	70.79 335	P	P	06 40 33.4 +1.0
PSUT	comp=Z,12nm,0.9s	Pine Spring	70.93 326	P	P	06 40 34.8 +1.1
TPNV	comp=Z,12nm,0.9s	Topopah Spring	71.11 323	I	I	06 40 46.1
TPNV	comp=Z,12nm,0.9s	Topopah Spring	71.11 323	I	I	06 40 46.1
FURC	comp=Z,20nm,1.1s	Furnace Creek	71.12 322	P	P	06 40 36.0 +1.8
MPMC	comp=Z,20nm,1.1s	Manual Prospec	71.20 322	P	P	06 40 36.5 +1.4
ISA	comp=Z,19nm,1.0s	Isabella, Lake	71.51 321	P	P	06 40 38.0 +1.2
ISA	comp=Z,19nm,1.0s	Isabella, Lake	71.51 321	P	P	06 40 38.0 +1.2
ISA	comp=Z,19nm,1.0s	Isabella, Lake	71.51 321	P	P	06 40 38.0 +1.2
ISA	comp=Z,19nm,1.0s	Isabella, Lake	71.51 321	P	P	06 40 38.0 +1.2
DUG	comp=Z,20nm,1.1s	Dugway, Tooele	71.62 327	I	I	06 40 41.1
DUG	comp=Z,20nm,1.1s	Dugway, Tooele	71.62 327	I	I	06 40 41.1
AGMN	comp=Z,20nm,1.1s	Agassiz Nation	71.70 343	I	I	06 40 39.1
AGMN	comp=Z,20nm,1.1s	Agassiz Nation	71.70 343	I	I	06 40 39.1
R11A	comp=Z,20nm,1.1s	Troy Canyon, C	71.73 324	P	P	06 40 39.5 +1.3
GRAC	comp=Z,20nm,1.1s	Grapevine Rang	71.78 322	P	P	06 40 38.6 +0.3
PRM	comp=Z,20nm,1.1s	Mcherson Peak	71.80 319	P	P	06 40 40.0 +1.3
CWC	comp=Z,20nm,1.1s	Cottonwood Cre	71.81 321	P	P	06 40 40.1 +1.5
VES	comp=Z,20nm,1.1s	Vestal, Richgr	72.00 320	P	P	06 40 41.1 +1.5
BW06	comp=Z,20nm,1.1s	Boulder Array	72.03 331	P	P	06 40 39.8 -0.2
PD31	comp=Z,20nm,1.1s	Pinedale Array	72.03 331	P	P	06 40 40.2 +0.3
PDAR	comp=Z,20nm,1.1s	Pinedale Array	72.03 331	P	P	06 40 40.0 +1.1
PDAR	comp=Z,20nm,1.1s	Pinedale Array	72.03 331	P	P	06 40 40.0 +1.1
PDAR	comp=Z,20nm,1.1s	Pinedale Array	72.03 331	P	P	06 40 40.0 +1.1
HWUT	comp=Z,20nm,1.1s	Hardware Ranch	72.07 329	I	I	06 40 43.0
SMMC	comp=Z,20nm,1.1s	Simmler	72.19 319	P	P	06 40 42.3 +1.4
TIN	comp=Z,20nm,1.1s	Tinemaha, Big	72.32 322	P	P	06 40 43.4 +1.8
MDND	comp=Z,20nm,1.1s	Maddock	72.42 340	P	P	06 40 42.9 +1.1
AHID	comp=Z,20nm,1.1s	Auburn Hatcher	72.74 330	I	I	06 40 46.9
MLAC	comp=Z,20nm,1.1s	Mammoth Mamm	73.06 322	P	P	06 40 47.5 +1.3
SNOW	comp=Z,20nm,1.1s	Snow King Moun	73.12 331	P	P	06 40 46.7 +0.3
OMMB	comp=Z,20nm,1.1s	Old Mammoth Mt	73.15 322	I	I	06 40 50.5
NVAR	comp=Z,20nm,1.1s	Minia Array Bea	73.31 323	P	P	06 40 49.1 +1.5
NVAR	comp=Z,20nm,1.1s	Minia Array Bea	73.31 323	P	P	06 40 49.1 +1.5
ULM	comp=Z,20nm,1.1s	Lac du Bonnet	73.48 344	P	P	06 40 47.8 +0.2
FLWY	comp=Z,20nm,1.1s	Flagg Ranch	73.58 331	I	I	06 40 52.1
KVN	comp=Z,20nm,1.1s	Kaisererville	73.62 323	I	I	06 40 53.3
RLMT	comp=Z,20nm,1.1s	Red Lodge	73.76 333	P	P	06 40 50.9 +0.8
RLMT	comp=Z,20nm,1.1s	Red Lodge	73.76 333	P	P	06 40 50.9 +0.8
YPP	comp=Z,20nm,1.1s	Pitchstone Pla	73.77 331	P	P	06 40 51.1 +0.8
LAO	comp=Z,20nm,1.1s	LASA Array	73.78 335	P	P	06 40 50.8 +0.8
LAO	comp=Z,20nm,1.1s	LASA Array	73.78 335	P	P	06 40 50.8 +0.8
LKWY	comp=Z,20nm,1.1s	Lake	73.82 332	I	I	06 40 54.9
YMR	comp=Z,20nm,1.1s	Mirror Lake Pl	73.85 332	P	P	06 40 50.0 -0.7
YMR	comp=Z,20nm,1.1s	Madison River	74.15 331	P	P	06 40 52.9 +0.5
PNTR	comp=Z,20nm,1.1s	Pine Nut	74.50 323	I	I	06 40 58.7
DGMT	comp=Z,20nm,1.1s	Dagmar	74.51 338	P	P	06 40 55.0 +0.9
DGMT	comp=Z,20nm,1.1s	Dagmar	74.51 338	P	P	06 40 55.0 +0.9
DGMT	comp=Z,20nm,1.1s	Dagmar	74.51 338	P	P	06 40 55.0 +0.9
SCHO	comp=Z,20nm,1.1s	Schefferville	74.73 2	P	P	06 40 55.1 -0.1
PAHR	comp=Z,20nm,1.1s	Pat Rih Range	74.79 323	I	I	06 41 00.7
MCMT	comp=Z,20nm,1.1s	McKenzie Canyo	75.13 330	P	P	06 40 50.9 +0.8
MFID	comp=Z,20nm,1.1s	Camas Ranch	75.52 328	I	I	06 41 07.6
LRM	comp=Z,20nm,1.1s	Limekiln Ridge	75.71 331	P	P	06 41 02.2 +0.7
ORV	comp=Z,20nm,1.1s	Oroville	75.90 322	I	I	06 41 06.2
EGMT	comp=Z,20nm,1.1s	Eagleton	76.27 334	P	P	06 41 05.1 +0.7
EGMT	comp=Z,20nm,1.1s	Eagleton	76.27 334	P	P	06 41 05.1 +0.7
O03E	comp=Z,20nm,1.1s	Paynes Creek	76.56 322	P	P	06 41 07.6 +0.3
O02D	comp=Z,20nm,1.1s	Mt. Diablo Mer	77.06 322	P	P	06 41 09.7 +0.7
MSO	comp=Z,20nm,1.1s	Missoula	77.15 331	P	P	06 41 10.5 +1.1
N02D	comp=Z,20nm,1.1s	Trinity Creek	77.53 322	P	P	06 41 12.4 +0.8
M04C	comp=Z,20nm,1.1s	Macdoel	77.57 323	P	P	06 41 13.0 +1.1
VNDA	comp=Z,20nm,1.1s	Vanda	77.88 190	P	P	06 41 14.8 +1.7

VNDA	comp=Z,20nm,1.1s	Vanda	77.88 190	P	P	06 41 15.9 +2.9
VNDA	comp=Z,20nm,1.1s	Vanda	77.88 190	P	P	06 41 15.9 +2.9
M02C	comp=Z,20nm,1.1s	Callahan	77.89 323	P	P	06 41 24.3 +1.4
JTMT	comp=Z,20nm,1.1s	Jetta	77.99 332	P	P	06 41 15.2 +0.1
YBH	comp=Z,20nm,1.1s	Yreka Blue Hor	78.03 323	P	P	06 41 14.5 +0.1
K04D	comp=Z,20nm,1.1s	Chioquin, OR	78.08 324	P	P	06 41 15.5 +0.8
L04D	comp=Z,20nm,1.1s	Klamath Falls	78.12 324	P	P	06 41 15.3 +0.3
J05D	comp=Z,20nm,1.1s	Fort Rock, OR	78.24 325	P	P	06 41 16.3 +0.7
SYO	comp=Z,20nm,1.1s	Syowa Base	78.41 160	iP	P	06 41 14.0 -2.1
SYO	comp=Z,20nm,1.1s	Syowa Base	78.41 160	iP	P	06 41 17.5 +1.5
SYO	comp=Z,20nm,1.1s	Syowa Base	78.41 160	iP	P	06 41 24.2 -1.1
PINE	comp=Z,20nm,1.1s	Pine Mountain	78.42 325	I	I	06 41 20.0
J04E	comp=Z,20nm,1.1s	Umpqua Nationa	78.69 324	P	P	06 41 18.3 +0.1
L02E	comp=Z,20nm,1.1s	Cave Junction	78.81 323	P	P	06 41 19.4 +0.8
WALA	comp=Z,20nm,1.1s	Waterton Lakes	78.82 333	P	P	06 41 19.2 +0.5
I05D	comp=Z,20nm,1.1s	Terrebonne, OR	79.01 326	P	P	06 41 20.9 +1.2
FFC	comp=Z,20nm,1.1s	Flin Flin	79.17 342	eP	P	06 41 20.8 +0.6
FFC	comp=Z,20nm,1.1s	Flin Flin	79.17 342	eP	P	06 41 20.8 +0.6
K02D	comp=Z,20nm,1.1s	Willamette Mer	79.19 323	P	P	06 41 22.1 +1.3
I04A	comp=Z,20nm,1.1s	Tendick Farm	79.22 325	P	P	06 41 22.0 +1.1
G05D	comp=Z,20nm,1.1s	Wamic, OR	79.60 326	P	P	06 41 24.4 +1.4
J01E	comp=Z,20nm,1.1s	Myrtle Point	79.64 324	P	P	06 41 24.2 +1.1
NEW	comp=Z,20nm,1.1s	Newport	79.66 331	P	P	06 41 24.1 +0.9
I03D	comp=Z,20nm,1.1s	Drain, OR	79.67 324	P	P	06 41 24.4 +1.2
C09A	comp=Z,20nm,1.1s	Chrisman Ranch	79.87 330	P	P	06 41 25.1 +0.8
I02D	comp=Z,20nm,1.1s	Swissmore	80.20 324	P	P	06 41 27.3 +1.2
G03D	comp=Z,20nm,1.1s	Knissville, O	80.61 325	P	P	06 41 30.1 +1.8
F04A	comp=Z,20nm,1.1s	Amboy	80.64 326	I	I	06 41 32.0
E04D	comp=Z,20nm,1.1s	Cinebar	81.13 327	P	P	06 41 32.7 +1.6
D05A	comp=Z,20nm,1.1s	Enumclaw	81.26 327	P	P	06 41 33.0 +1.2
D05A	comp=Z,20nm,1.1s	Enumclaw	81.26 327	P	P	06 41 33.0 +1.2
D04E	comp=Z,20nm,1.1s	Lakebay	81.65 327	P	P	06 41 34.8 +1.1
B05A	comp=Z,20nm,1.1s	Marblemount	81.91 329	I	I	06 41 36.3
B06A	comp=Z,20nm,1.1s	Bryant	82.04 328	P	P	06 41 35.4 -0.4
D03D	comp=Z,20nm,1.1s	Eldon	82.05 327	P	P	06 41 36.6 +0.7
TSUM	comp=Z,20nm,1.1s	Tsumeb	82.17 108	P	I	06 41 37.4 0.0
TSUM	comp=Z,20nm,1.1s	Tsumeb	82.17 108	P	I	06 41 38.9
A04D	comp=Z,20nm,1.1s	Lummi Island	82.65 328	P	P	06 41 39.6 +0.6
LLL	comp=Z,20nm,1.1s	Lillooet	83.52 330	I	I	06 41 46.0
BOSA	comp=Z,20nm,1.1s	Boshof	85.69 119	P	P	06 41 54.6 -0.6
BOSA	comp=Z,20nm,1.1s	Boshof	85.69 119	P	P	06 41 54.6 -0.6
TAM	comp=Z,20nm,1.1s	Tamanrasset	85.83 64	P	P	06 41 55.7 -0.3
TAM	comp=Z,20nm,1.1s	Tamanrasset	85.83 64	P	P	06 41 55.7 -0.3
TAM	comp=Z,20nm,1.1s	Tamanrasset	85.83 64	P	P	06 41 55.7 -0.3
MAW	comp=Z,20nm,1.1s	Mawson	86.15 164	P	P	06 41 57.5 +0.9
YKA	comp=Z,20nm,1.1s	Yellowknife Ar	89.30 341	P	P	06 42 11.3 -0.2
DLBC	comp=Z,20nm,1.1s	Dease Lake	92.16 333	I	I	06 42 28.6 +0.4
SUMG	comp=Z,20nm,1.1s	Summit	95.00 9	iP	P	06 42 38.6 +0.4
SUMG	comp=Z,20nm,1.1s	Summit	95.00 9	iP	P	06 42 38.6 +0.4
A36M	comp=Z,20nm,1.1s	Sachs Harbour	98.91 345	P	P	06 42 55.7 +0.3
INK	comp=Z,20nm,1.1s	Inuvik	99.04 340	LR	LR	07 30 44.1
EPYK	comp=Z,20nm,1.1s	Eagle Plains	99.10 338	P	P	06 42 56.2 -0.3
HDA	comp=Z,20nm,1.1s	Harding Lake	102.13 334	P	P	06 43 09.5 -0.4
COLA	comp=Z,20nm,1.1s	College	102.66 335	eP	P	06 43 11.9 -0.3
COLA	comp=Z,20nm,1.1s	College	102.66 335	eP	P	06 43 11.9 -0.3
OBN	comp=Z,20nm,1.1s	Obninsk	116.20 38	iPKIKP	PKP	06 47 58.4 -0.3
OBN	comp=Z,20nm,1.1s	Obninsk	116.20 38	iPKIKP	PKP	06 47 58.4 -0.3
KIV	comp=Z,20nm,1.1s	Kislovodsk	120.50 50	ePKIKP	PKP	06 48 08.2 +0.6
KIV	comp=Z,20nm,1.1s	Kislovodsk	120.50 50	ePKIKP	PKP	06 48 08.2 +0.6
NEY	comp=Z,20nm,1.1s	Neytrino	120.53 51	iPKIKP	PKP	06 48 09.7 +1.9
BILL	comp=Z,20nm,1.1s	Bilibino	120.59 338	ePKIKP	PKP	06 48 06.8 -0.1
BILL	comp=Z,20nm,1.1s	Bilibino</				

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mina Array Bea, Lac du Bonnet, Schefferville, etc.

IDD 02 06:50:05.0t.1.0, 19.675x70.84W, h0km, mb3.9/6, mb1.4/1.8, mb1mx3.8/2.8, mbtm3.4/0.8, ML4.1/2. Error ellipse: s-maj=28.1km s-min=16.2km az=72.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Diego Aracena, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pitinga, Lajas Ar, Yellowknife Ar, etc.

IDD 02 07:02:04.2t.1.8, 20.005x70.75W, h0km, mb3.7/3, mb1.3/9.5, mb1mx3.6/4.4, mbtm3.9/5, ML3.7/2. Error ellipse: s-maj=41.0km s-min=18.0km az=64.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pisagua, IPOC Station P, Minye Minye, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pacaembu, Araguaia, Caraguai, etc.

IDD 02 07:02:04.2t.1.8, 20.005x70.75W, h0km, mb3.7/3, mb1.3/9.5, mb1mx3.6/4.4, mbtm3.9/5, ML3.7/2. Error ellipse: s-maj=41.0km s-min=18.0km az=64.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pisagua, IPOC Station P, Minye Minye, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Minye Minye, Chuzmiza, etc.

U61A	Possum Corner	56.49 354	P	P	07 13 22.4 +0.2
V56A	Mocksville	56.51 350	P	P	07 13 22.6 +0.3
U59A	Littleton	56.66 353	P	P	07 13 23.4 0.0
V55A	Taylorsville	56.67 349	P	P	07 13 23.7 +0.1
V55A	Taylorsville	56.67 349	P	I	07 13 24.9 +1.0
U60A	Pendleton	56.70 353	P	P	07 13 23.4 -0.3
V54A	Nebo	56.73 349	P	P	07 13 23.8 -0.1
U58A	Oxford	56.80 352	P	P	07 13 24.5 +0.1
W50A	Signal Mountai	56.89 345	P	P	07 13 24.8 -0.4
U57A	Blanch	56.94 351	P	P	07 13 25.6 +0.2
TKL	Tuckaleechee C	56.98 347	P	P	07 13 25.2 -0.6
TKL	Tuckaleechee C	56.98 347	I	I	07 13 26.2
U56A	King	57.02 350	P	P	07 13 26.5 +0.5
V52A	Sevierville	57.12 347	I	I	07 13 27.2
T59A	Double 'B' Far	57.24 353	P	P	07 13 27.6 +0.1
T59A	Double 'B' Far	57.24 353	I	I	07 13 28.6
U55A	TA2, Sparta	57.28 350	P	P	07 13 27.7 -0.2
T60A	Surry	57.32 354	P	P	07 13 27.7 -0.3
T58A	Grand View Acr	57.34 352	P	P	07 13 28.0 -0.2
OXF	Oxford	57.36 341	P	P	07 13 27.9 -0.5
OXF	Oxford	57.36 341	P	I	07 13 27.7 -0.7
U54A	Nelsons Funny	57.43 349	P	P	07 13 28.5 -0.5
U54A	Nelsons Funny	57.43 349	I	I	07 13 29.9
T57A	Hurt	57.48 351	P	P	07 13 29.3 0.0
T57A	Hurt	57.48 351	I	I	07 13 29.2 0.0
T56A	Rocky Mt	57.63 351	P	P	07 13 30.8 +0.5
V48A	Smith Brothers	57.78 344	I	I	07 13 31.6
T55A	Pulaski	57.83 350	P	P	07 13 32.1 +0.4
WLAR	White Oak Lake	57.84 337	P	P	07 13 33.3 +1.5
BLA	Blacksburg	57.87 350	P	P	07 13 32.3 +0.3
T54A	Tazewell	57.91 349	P	P	07 13 32.2 -0.2
S58A	Poland Farm, P	57.93 353	P	P	07 13 32.2 -0.1
T53A	Wise	58.01 348	P	P	07 13 32.8 -0.3
S56A	Natural Bridge	58.20 351	P	P	07 13 34.5 +0.2
T52A	Hallie	58.22 348	P	P	07 13 34.1 -0.4
U49A	Red Boiling Sp	58.26 345	I	I	07 13 34.4
R58B	Mineral	58.26 353	P	P	07 13 34.4 -0.2
R58B	Mineral	58.26 353	I	I	07 13 36.1
T51A	Gray	58.28 347	P	P	07 13 34.2 -0.6
R59A	King George, V	58.41 354	P	P	07 13 35.9 +0.2
WVT	Waverly	58.42 343	P	P	07 13 35.1 -0.7
WVT	Waverly	58.42 343	P	I	07 13 34.7 -1.1
R60A	Leonardtown, M	58.42 354	P	P	07 13 35.5 -0.3
S55A	Lewisburg	58.43 350	P	P	07 13 35.5 -0.4
CBN	Corbin Frederi	58.44 353	P	P	07 13 35.8 -0.1
T50A	Nancy	58.52 346	P	P	07 13 36.2 -0.4
S54A	Dingess, Beckl	58.59 350	I	I	07 13 37.9
R58A	Rapidan	58.60 353	P	P	07 13 37.3 +0.2
R57A	Stanardsville	58.67 352	P	P	07 13 37.7 +0.2
T49A	Edmontown	58.76 346	P	P	07 13 37.5 -0.8
MIAR	Mount Ida	58.77 337	P	P	07 13 37.6 -0.8
TXAR	Lajitas Array	58.85 326	P	P	07 13 39.4 +0.3
R55A	Marlinton	58.87 351	P	P	07 13 39.5 +0.5
R55A	Marlinton	58.87 351	I	I	07 13 39.6 +0.5
R56A	Bull Pasture M	58.89 352	P	P	07 13 39.8 +0.6
R54A	Victor	58.91 350	P	P	07 13 39.4 +0.1
S50A	Richmond	59.06 347	P	P	07 13 39.9 -0.4
Q58A	Fox Den Farm,	59.20 353	P	P	07 13 41.2 0.0
R53A	Hurricane	59.22 349	P	P	07 13 41.4 +0.1
S49A	Springfield	59.36 346	P	P	07 13 41.6 -0.7
Q57A	Strasburg	59.38 353	P	P	07 13 43.1 +0.6
W39A	Magazine	59.43 338	P	P	07 13 43.1 +0.2
Q56A	Gnyder Ridge,	59.48 352	P	P	07 13 44.1 +0.9
R51A	Hillsboro	59.49 348	P	P	07 13 42.7 -0.5
Q55A	Buckhannon	59.56 351	P	P	07 13 44.4 +0.7
ABTX	Abilene, Hawle	59.57 331	P	P	07 13 43.9 -0.1
R50A	Paris	59.62 347	P	P	07 13 43.3 -0.9
Q53A	Leroy	59.66 350	P	P	07 13 44.4 0.0
Q54A	Coxs Mills	59.67 350	P	P	07 13 44.6 +0.1
P58A	Pank, Wackersv	59.70 354	P	P	07 13 44.8 +0.1
P59A	Jarrettsville	59.74 354	P	P	07 13 45.2 +0.3
P57A	Homestead Farm	59.77 353	P	P	07 13 45.8 +0.7
R49A	Shelbyville	59.82 346	P	P	07 13 44.8 -0.7
P60A	Greenville	59.87 355	P	P	07 13 45.7 0.0
Q52A	Bidwell	59.88 349	P	P	07 13 45.3 -0.6
P56A	Dayton Farm, R	59.90 352	P	P	07 13 46.9 +0.9
P55A	Reedsville	60.03 351	P	P	07 13 47.4 +0.5
Q61A	Allentown	60.07 356	P	P	07 13 47.2 0.0
Q50A	Georgetown	60.09 348	P	P	07 13 46.7 -0.6
Q51A	Peebles	60.15 348	P	P	07 13 47.4 -0.3
U40A	Fellville	60.16 339	P	P	07 13 47.4 -0.5
MCWV	Mont Chateau	60.18 351	P	P	07 13 48.4 +0.4
MCWV	Mont Chateau	60.18 351	I	I	07 13 49.4

P54A	Burton	60.22 351	P	P	07 13 48.4 +0.1
P53A	Whipple	60.25 350	P	P	07 13 48.5 +0.1
O58A	Lewisberry	60.29 354	P	P	07 13 49.3 +0.6
Q49A	Aurora	60.44 347	P	P	07 13 48.6 -1.1
O57A	Amberson	60.45 353	P	P	07 13 50.4 +0.6
P52A	Corning	60.52 349	P	P	07 13 49.4 -0.8
P51A	Williamsport	60.53 349	P	P	07 13 49.2 -1.2
O56A	Blue Knob Stat	60.62 353	P	P	07 13 50.8 -0.2
O56A	Blue Knob Stat	60.62 353	I	I	07 13 50.5 -0.5
O56A	Blue Knob Stat	60.62 353	I	I	07 13 52.7
O55A	Ligonier	60.65 352	P	P	07 13 51.6 +0.4
O54A	Avella	60.77 351	P	P	07 13 51.7 -0.3
P50A	Jamestown	60.80 348	P	P	07 13 51.9 -0.3
TUL1	Leonard	60.81 336	P	P	07 13 52.0 -0.3
N62A	Caumsett State	60.85 357	P	P	07 13 53.2 +0.7
N60A	Cedar Hill Far	60.88 356	P	P	07 13 52.3 -0.3
SSPA	Standing Stone	60.90 353	P	P	07 13 53.3 +0.5
P49A	Miami Univ. Ec	60.91 347	P	P	07 13 51.8 -1.1
O53A	New Philadelphia	60.96 350	P	P	07 13 53.4 +0.2
N59A	State Game Lan	60.98 355	P	P	07 13 53.3 -0.1
N57A	Mill	60.98 354	P	P	07 13 53.9 +0.5
N58A	Sunbury	60.98 354	P	P	07 13 53.5 +0.1
N58A	Sunbury	60.98 354	I	I	07 13 54.9
O51A	Pataskala	61.10 349	P	P	07 13 53.8 -0.3
N55A	Marion Center	61.17 352	P	P	07 13 55.2 +0.5
CCM	Cathedral Cave	61.19 341	P	P	07 13 54.2 -0.6
N56A	West Decatur	61.22 353	P	P	07 13 55.2 +0.1
ACSO	Alum Creek Sta	61.25 349	P	P	07 13 54.4 -0.8
O50A	Cable	61.28 348	P	P	07 13 54.9 +0.6
M60A	Port Jarvis	61.30 356	P	P	07 13 55.6 0.0
N53A	Lisbon	61.45 351	P	P	07 13 56.3 -0.3
O49A	Covington	61.46 348	P	P	07 13 55.9 -0.7
N54A	Moraine State	61.48 352	P	P	07 13 57.2 +0.4
M58A	Price's Panora	61.49 355	P	P	07 13 57.2 +0.4
M57A	Sunshine Farm,	61.52 354	P	P	07 13 57.3 +0.3
M57A	Sunshine Farm,	61.52 354	I	I	07 13 58.2
M59A	Waymart	61.57 356	P	P	07 13 57.8 +0.4
N52A	McGinn's Farm,	61.59 350	P	P	07 13 57.4 -0.1
MNTX	Cornudas Mount	61.62 326	P	P	07 13 57.3 -0.6
O48A	Farmland	61.70 347	P	P	07 13 57.5 -0.7
L63A	North Scituate	61.72 359	P	P	07 13 58.4 +0.1
VNA3	Neumayer Olymp	61.73 161	P	P	07 13 59.3 +1.2
M56A	Emporium	61.77 353	P	P	07 13 59.0 +0.2
M56A	Emporium	61.77 353	P	P	07 13 59.1 +0.4
N50A	Nevada	61.80 349	P	P	07 13 58.0 -0.9
N51A	Ashland	61.81 350	P	P	07 13 58.0 -1.0
M55A	Ridgway	61.82 353	P	P	07 13 59.2 +0.1
VNA1	Neumayer-Stat	61.94 161	P	P	07 14 01.1 +1.6
M54A	Oil Creek Stat	61.97 352	P	P	07 13 59.9 -0.3
M53A	WJ Miller and	62.05 351	P	P	07 14 00.7 +0.1
L58A	Harry Jones Me	62.10 355	P	P	07 14 01.4 +0.4
MSTX	Mulhobe	62.14 330	P	P	07 14 00.9 -0.5
N49A	Columbus Grove	62.14 348	P	P	07 14 00.5 -0.7
L57A	Andrews Acres	62.15 354	P	P	07 14 02.0 +0.7
M51A	Elyria	62.18 350	P	P	07 14 00.9 -0.5
L59A	Walton	62.19 356	P	P	07 14 02.0 +0.4
M52A	Chesterland	62.25 351	P	P	07 14 01.5 -0.4
M52A	Chesterland	62.25 351	I	I	07 14 01.6 -0.3
SFIN	Lafayette	62.25 345	P	P	07 14 00.2 -1.7
N48A	Decatur	62.25 347	P	P	07 14 01.1 -0.8
BINY	Binghamton	62.27 355	P	P	07 14 02.1 +0.1
VNA2	Neumayer-Watz	62.31 161	P	P	07 14 03.2 +1.2
L61B	Northampton	62.33 358	P	P	07 14 02.4 0.0
L56A	Greenwood	62.35 354	P	P	07 14 02.5 -0.1
L56A	Greenwood	62.35 354	I	I	07 14 03.1 +0.4
HRV	Adam Dzewonsk	62.36 359	P	P	07 14 02.8 +0.2
HRV	Adam Dzewonsk	62.36 359	P	P	07 14 03.1 +0.5
M50A	Fremont	62.40 349	P	P	07 14 02.6 -0.3
N47A	Urbana	62.41 347	P	P	07 14 01.8 -1.2
L55A	Hinsdale	62.49 353	P	P	07 14 03.7 +0.1
L53A	Girard	62.49 352	P	P	07 14 03.3 -0.2
ERPA	Erie	62.62 352	P	P	07 14 04.6 +0.2
ERPA	Erie	62.62 352	I	I	07 14 04.9 +0.5
M49A	Liberty Center	62.63 348	P	P	07 14 04.1 -0.4
L54A	Sinclairville	62.65 352	P	P	07 14 04.9 +0.4
K59A	Cooperstown	62.76 356	P	P	07 14 05.9 +0.6
K58A	Earlville	62.80 355	P	P	07 14 06.0 +0.3
K57A	Scipio Center	62.84 355	P	P	07 14 06.1 +0.2
K56A	Middlesex	62.88 354	P	P	07 14 06.0 -0.2
K54A	Basiliko Farm,	62.94 353	P	P	07 14 06.6 0.0
HDIL	Hoydate	62.96 344	P	P	07 14 06.0 -0.7
MMNY	Mt. Morris Dam	62.97 354	P	P	07 14 05.8 -1.0
K55A	Perry	62.99 353	P	P	07 14 07.2 +0.4
J63A	Stratford	63.12 359	P	P	07 14 07.5 -0.2
L48A	N Adams	63.18 348	P	P	07 14 07.3 -0.8
L49A	Greenwood	63.21 349	P	P	07 14 08.0 -0.3
J61A	Chester	63.22 358	P	P	07 14 09.1 +0.8
K52A	Tiltsburg	63.37 351	P	P	07 14 09.2 -0.1

J58A	Remsen	63.37 356	P	P	07 14 09.2 -0.2
J58A	Remsen	63.37 356	P	P	07 14 09.8 +0.4
J56A	Wolcott	63.41 355	P	P	07 14 09.5 -0.1
J59A	Piesco	63.43 356	P	P	07 14 10.2 +0.5
K51A	Iona Station	63.43 351	P	P	07 14 09.6 -0.1
J57A	Williamstown	63.47 355	P	P	07 14 10.2 +0.2
J55A	Hilton	63.49 354	P	P	07 14 10.0 -0.1
121A	Cookes Peak, D	63.55 325	P	P	07 14 09.3 -1.8
L46A	Eue Claire	63.62 347	P	P	07 14 10.0 -1.0
K50A	Casco	63.66 350	P	P	07 14 10.1 -1.1
I58A	Old Forge	63.68 356	P	P	07 14 11.5 +0.1
I59A	Olmsteadville	63.72 357	P	P	07 14 11.9 +0.2
I60A	Shoreham	63.74 357	P	P	07 14 12.1 +0.3
J52A	Paris	63.79 352	P	P	07 14 11.7 -0.4
I61A	Oronoro, Fairl	63.80 358	P	P	07 14 12.1 0.0
K49A	Clarkson	63.81 349	P	P	07 14 11.5 -0.7
NCB	Newcomb	63.92 357	P	I	07 14 13.4 +0.5
SNA	Sanae	63.93 161	P	P	07 14 13.7 +0.8
SNA	Sanae	63.93 161	I	I	07 14 13.5 +0.7
K48A	Perry	63.95 349	P	P	07 14 12.2 -1.0
I57A	Ortigue	63.97 356	P	P	07 14 13.0 -0.3
K47A	Vermontville	63.99 348	P	P	

2d 7h

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Rows include stations like E56A St. Veronique, E53A Dumoine, E52A Mattawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Rows include stations like I05D Terrebonne, I04A Tendick Farm, G05D Wamic, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Rows include stations like mb1 4.2/5, mb1mx3.7/37, mbtmp4.2/5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Rows include stations like ISK 02 07:16:18.9, DDA 02 07:16:19.8, ISK 02 07:16:19.9, etc.

TIR 02 07:46:16.0, 40.96N-20.73E, h13km, Md3, 1/3
THE 02 07:46:15.8, 40.93N-20.67E, h6km, 3km, ML2.3/5, Error
ellipse: s-maj=3.1km s-min=0.8km az=189.0

0.9nm, 0.8s, baz=126, slow=3.7, SNR=5.4

ICC 02 07:50:50.5, 1.6, 19.78Sx70.65W, h0km, mb3.5/3,
mb1 3.8/5, mb1mx3.6/33, mbtmp3.6/5, ML3.6/2, Error
ellipse: s-maj=4.2km s-min=2.6km az=63.0

SKO 02 07:46:15.6, 40.89N-20.68E, h17km
ATH 02 07:46:15.5, 40.92N-20.68E, h19km, 3km, ML2.3/5, Error
ellipse: s-maj=4.3km s-min=1.7km az=127.0

ISC 02 07:50:51.9, 1.5, 20.02Sx0.09N-70.8W, 0.2, h10km, n13,
c5497.7, mb3.4/3, Near coast of northern Chile

PDG 02 07:46:16.5, 40.93N-20.75E, h16km, 1km, ML2.4/13,
Error ellipse: s-maj=1.0km s-min=1.3km az=0.0

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

BEO 02 07:46:17.4, 40.6, 40.93N-20.73E, h10km, 3km, ML2.1/6
ISC 02 07:46:16.7, 1.0, 40.91N-0.02, 20.69E, 0.02, h7km, 9km,
n51, c0582/86, 10C-4D, Greece-Albania border region

LVC Limon Verde 3.11 146 Pn 07 51 43.5 +2.2
LVA La Paz 4.49 35 Pn 07 52 21.8 +3.0

OHR Ohrid 0.22 22 Op Pg 07 46 21.0 -0.1
OHR Ohrid 0.22 22 Op Pg 07 46 21.0 -0.1

LVC Limon Verde 3.11 146 Pn 07 51 43.5 +2.2
LVA La Paz 4.49 35 Pn 07 52 21.8 +3.0

OHR comp-E, 359nm, 0.4s eLg Lg 07 46 26.3
OHR comp-N, 239nm, 0.3s P Pg 07 46 34.7 +0.7

SIV San Ignacio 10.07 68 Pn 07 53 15.8 -0.9
PTGA Pitinga 21.90 30 P 07 55 41.5 -3.9

FNA Florina 0.54 103 P Pg 07 46 26.5 -0.5
FNA comp-N, 1um, 0.3s S Pg 07 46 34.7 +0.7

TXAR Lajitas Array 58.43 326 P 08 00 44.8 +0.3
YKA Yellowknife Ar 89.23 341 P 08 03 46.0 -1.5

FNA Florina 0.54 103 iPG Pg 07 46 26.7 -0.3
FNA Florina 0.54 103 iSG Pg 07 46 34.7 +0.7

H11S2 WAKE ISLAND Hyt25.94 279 T 10 29 13.1
H11S1 WAKE ISLAND Hyt25.95 279 T 10 29 12.5

FNA Florina 0.54 103 P Pg 07 46 26.5 -0.5
FNA Florina 0.54 103 S Pg 07 46 34.8 +0.9

H11S3 WAKE ISLAND Hyt25.96 279 T 10 29 12.1
H11N3 WAKE ISLAND Hyt25.99 280 T 10 29 11.8

FNA comp-E, 205um, 0.2s AML AML 07 46 37.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

H11N2 WAKE ISLAND Hyt26.00 280 T 10 29 11.2
H11N1 WAKE ISLAND Hyt26.00 280 T 10 29 10.6

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

MKAR Makanchi Array 145.42 34 PKPbc PKPbc 08 10 28.7 -1.5
Code Station Name Az AZZ Phase ID Time Res
h m s ISC

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

ICC 02 07:55:37.0, 2.0, 17.88Sx167.56E, h0km, mb3.8/5,
mb1 4.0/6, mb1mx3.8/29, mbtmp3.8/6, ML3.5/1, Error
ellipse: s-maj=58.4km s-min=29.2km az=125.0

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

ISC 02 07:55:40.3, 1.5, 18.0Sx0.1, 167.5E, 0.3, h23km, n6,
n23, c1925/28, mb3.7/5, Vanuatu Islands

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

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

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

DZM Mont Dzumac 4.16 195 Pn 07 56 42.9 +0.4
DZM 2.4nm, 0.3s, baz=350, slow=17, SNR=1.9

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

STKA Stephens Creek 27.24 235 P 07 57 24.8 +1.9
WRA Warramunga Arr 31.51 261 P 08 01 59.7 -1.2

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

ASAR Alice Springs 31.96 254 P 08 02 04.3 -0.5
SONM Songino Array 85.36 324 P 08 08 16.1 +0.4

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

ILAR Eielson Array 89.34 18 P 08 08 34.9 -0.5
Code Station Name Az AZZ Phase ID Time Res
h m s ISC

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

ICC 02 07:56:23.9, 1.9, 19.96Sx70.54W, h0km, mb3.6/3,
mb1 3.9/5, mb1mx3.6/32, mbtmp3.9/5, ML4.1/2, Error
ellipse: s-maj=40.5km s-min=26.6km az=68.0

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

GUC 02 07:56:24.0, 2.0, 20.14Sx70.33W, h23km, 3km, ML3.8
ISC 02 07:56:28.5, 1.9, 20.12Sx0.03, 70.39W, 0.09, h31km, 13km,
n23, c1925/28, mb3.7/5, 3C-3D, Near coast of northern Chile

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

Code Station Name Az AZZ Phase ID Time Res
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NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

TA01 Diego Aracena 0.49 156 iPG Pg 07 56 38.2 -1.3
TA01 Diego Aracena 0.49 156 iPG Pg 07 56 38.2 -1.3

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

PSGC Pisagua 0.57 26 iPG Pg 07 56 40.0 -0.7
PSGC Pisagua 0.57 26 iPG Pg 07 56 40.0 -0.7

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

PB11 IPOC Station P 0.78 63 eP Pn 07 56 43.3 -0.2
PB11 IPOC Station P 0.78 63 eP Pn 07 56 43.3 -0.2

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

GO01 Chusmiza 1.21 69 iPG Pg 07 56 50.6 +0.8
GO01 Chusmiza 1.21 69 iPG Pg 07 56 50.6 +0.8

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

MINMC Minye Minye 1.23 37 eP Pn 07 56 50.8 +0.8
MINMC Minye Minye 1.23 37 eP Pn 07 56 50.8 +0.8

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

PB08 IPOC Station P 1.16 91 eP Pn 07 56 49.6 +0.6
PB08 IPOC Station P 1.16 91 eP Pn 07 56 49.6 +0.6

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

GO01 Chusmiza 1.21 69 iPG Pg 07 56 50.6 +0.8
GO01 Chusmiza 1.21 69 iPG Pg 07 56 50.6 +0.8

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

PB02 IPOC Station P 1.28 159 iPG Pg 07 56 50.2 +0.1
PB02 IPOC Station P 1.28 159 iPG Pg 07 56 50.2 +0.1

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

PB03 IPOC Station P 2.01 163 iPG Pg 07 57 00.9 +0.4
PB03 IPOC Station P 2.01 163 iPG Pg 07 57 00.9 +0.4

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

LVC Limon Verde 2.84 151 Pn Pn 07 57 13.8 +1.7
LVC comp-E, 15nm, 0.3s, baz=332, slow=12, SNR=8.1

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

LPAZ La Paz 4.37 30 Pn 07 57 36.8 +3.3
LPAZ comp-E, 1.7nm, 0.3s, baz=190, slow=5.6, SNR=14.1

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

SIV San Ignacio 9.76 67 Pn 07 58 47.5 +0.5
SIV comp-E, 2.9nm, 0.3s, baz=267, slow=11, SNR=43

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

BDFB Brasilia 21.75 82 P 08 01 18.1 +0.3
BDFB comp-E, 1.5nm, 0.5s, baz=244, slow=9.5, SNR=3.4

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

PTGA Pitinga 21.80 29 P 08 01 16.6 -1.6
PTGA comp-E, 1.2nm, 0.3s, baz=203, slow=7.7, SNR=5.5

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

YKA Yellowknife Ar 89.43 341 P 08 09 21.1 -0.9
YKA comp-E, 0.3nm, 0.7s, baz=134, slow=5.4, SNR=6.1

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

H11S2 WAKE ISLAND Hyt26.32 279 T 10 34 44.0
H11S1 WAKE ISLAND Hyt26.33 279 T 10 34 41.5

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

H11S3 WAKE ISLAND Hyt26.34 279 T 10 34 43.8
H11N3 WAKE ISLAND Hyt26.37 280 T 10 34 41.8

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

H11N2 WAKE ISLAND Hyt26.38 280 T 10 34 41.8
H11N1 WAKE ISLAND Hyt26.39 280 T 10 34 42.4

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

MKAR Makanchi Array 145.29 34 PKPbc PKPbc 08 10 29.2 -0.2
comp-E, 0.3nm, 0.5s, baz=322, slow=4.2, SNR=2.5

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

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NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

ATPI Pietralunga - 0.03 193 Pn Pn 08 12 52.9 +0.2
ATPI Pietralunga - 0.03 193 Pn Pn 08 12 52.9 +0.2

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

AVT- Monte Val 0.10 182 Pn Pn 08 12 54.1 +0.6
AVT- Monte Val 0.10 182 Pn Pn 08 12 54.1 +0.6

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

Pieia 0.11 58 Pn Pn 08 12 54.1 +0.5
Pieia 0.11 58 Pn Pn 08 12 54.1 +0.5

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

Citt' di Caste 0.13 260 Pn Pn 08 12 54.5 +0.6
Citt' di Caste 0.13 260 Pn Pn 08 12 54.5 +0.6

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

Monte Miggiano 0.18 216 Pn Pn 08 12 55.9 +0.7
Monte Miggiano 0.18 216 Pn Pn 08 12 55.9 +0.7

NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6
NEST Nestor 0.56 151 P Pg 07 46 26.9 -0.6

ARCESS Array S 12.04 26 Pn Pn 08 15 38.3 -2.5
ARCESS Array S 12.04 26 Pn Pn 08 15 38.3 -2.5

OSL comp-Z, 1.5nm, 0.1s IAML 08 13 15.7

FINU Finntorp 1.07 89 P Pg 08 13 08.4 -0.5
FINU Finntorp 1.07 89 P Pg 08 13 08.4 -0.5

FINU Finntorp 1.07 89 P Pg 08 13 08.4 -0.5
FINU Finntorp 1.07 89 P Pg 08 13 08.4 -0.5

VAENERSBERG 1.26 135 P Pg 08 13 11.3 -1.2
VAENERSBERG 1.26 135 P Pg 08 13 11.3 -1.2

VAENERSBERG 1.26 135 P Pg 08 13 11.3 -1.2
VAENERSBERG 1.26 135 P Pg 08 13 11.3 -1.2

NORSAR Subarra 1.45 9 P Pg 08 13 27.5 +0.9
NORSAR Subarra 1.45 9 P Pg 08 13 27.5 +0.9

NORSAR Subarra 1.46 21 P Pg 08 13 36.6 +0.3
NORSAR Subarra 1.46 21 P Pg 08 13 36.6 +0.3

NORSAR Subarra 1.46 21 P Pg 08 13 36.6 +0.3
NORSAR Subarra 1.46 21 P Pg 08 13 36.6 +0.3

NORSAR Array S 1.46 23 eP Pn 08 13 16.7 +0.3
NORSAR Array S 1.46 23 eP Pn 08 13 16.7 +0.3

NORSAR Array S 1.47 10 eP Pn 08 13 17.2 +0.7
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NORSAR Array S 1.47 10 eP Pn 08 13 17.2 +0.7

NORSAR Array S 1.47 10 eP Pn 08 1

2d 8h

2014 APR

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Palmer Station, Crawfordville, New Hope, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like U40A, P55A, Q50A, T42A, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like DBIC, NLU, TPNV, DUG, R11A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Pinedale Array, Mina Array, NVAR, etc.

DC 02 09:30:15.1, 1.7, 7.35N-93.94E, h0km, mb3.6/7, mb1 3.8/9, mb1mx3.5/40, mbtmp3.7/9, ML4.0/2, Error ellipse: s-maj=66.8km s-min=20.0km az=59.0

NEIC 02 09:30:18.2, 1.8, 7.7N-0.1, 94.4E-0.1, h10km, 2km, mb4.2/6, Error ellipse: s-maj=28.9km s-min=15.5km az=232.0

ISC 02 09:30:19.1-1.0, 7.5N-0.1, 94.2E-0.1, h2km, n25, c0110/23, mb3.6/10, Nicobar Islands region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LHMI, PSI, RPSI, etc.

JMA 02 09:37:25.0, 0.2, 24.47N-122.71E, h94km, 2km, M2.4

TAP 02 09:37:25.3, 24.51N-122.73E, h93km, ML3.3, 0.3

ISC 02 09:37:25.7, 1.3, 24.47N-122.74E, 0.02, h88km, 7km, n89, c0587/156, Taiwan region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JYNG, YOJ, YOY, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NWLT, TWA, Mucha, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STYT, Tauyuan, Beinan, etc.

DC 02 09:52:35.0, 1.2, 19.74S-71.11W, h0km, mb3.7/3, mb1 4.0/5, mb1mx3.8/24, mbtmp3.9/5, ML4.0/2, MS3.4/2, Ms1 3.4/2, ms1mx3.0/24, Error ellipse: s-maj=37.2km s-min=31.0km az=57.0

NEIC 02 09:52:35.9, 19.93S-71.09W, h18km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mr3.07; Mw0.53; Mm0-3.60; Mn0.62; Mw1.12; Mr1-1.15; Fault plane solution: Ms3.78000x10^15 NPa; Ms159.1000; 653.38000; 1.81.64000; NP2; 353.60000; 335.49000; 1.101.89000; Principal axes: T 3.3310, Plg78.0000; Azm40.0000; N 0.7726, Plg7.0000; Azm164.0000; P -4.1036, Plg10.0000; Azm255.0000;

NEIC 02 09:52:36.7, 1.6, 19.96S-0.06E, h13km, 4km, mb4.4/4, Mw4.3/36, ML4.0(GUC) Error ellipse: s-maj=9.1km s-min=6.5km az=144.0

GUC 02 09:52:36.8, 0.7, 19.91S-71.08W, h39km, 2km, ML4.0

ISC 02 09:52:34.6, 1.9, 19.93S-0.05E, h13W-0.06, h4km, 11km, n47, c0955/51, mb4.2/5, 5C-2D, Off coast of northern Chile

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PSGC, Pisagua, Diego Aracena, etc.

KURBB	comp=Z,0.9nm,0.7s,baz=228,slow=3.7,SNR=4.7	PcP	PcP	10 46 22.8 +0.1
KURK	Kurchatov	40.77 22 P	P	10 44 20.1 0.0
TESR	Tescani	40.68 328 P	P	10 44 21.9 +1.6
LSZ	Lusaka	40.60 224 P	P	10 44 23.4 +0.9
DOPR	Dopca	40.68 327 P	P	10 44 24.4 +1.6
ARR	Arges	40.71 325 P	P	10 44 24.8 +1.7
BIZ3	Biac	40.95 328 P	P	10 44 26.7 +1.8
CMG3	Chiang Mai Arr	41.13 79 P	P	10 44 26.8 +0.8
CMAR	Chiang Mai Arr	41.03 79 P	P	10 44 25.8 -0.2
CMAR	comp=Z,2.3nm,0.7s,baz=278,slow=8.9,SNR=19	PcP	PcP	10 46 26.2 +0.3
CMAR	comp=Z,0.5nm,0.3s,baz=256,slow=24,SNR=1.8	LR	LR	11 01 54.1
CMAR	comp=Z,80nm,20.2s,baz=265,slow=37	LR	LR	11 01 54.1
CMAR	Chiang Mai Arr	41.03 79 P	P	10 44 26.5 +0.5
LOT	Lotru	41.23 325 P	P	10 44 28.2 +0.8
HERH	Herculane	41.66 323 P	P	10 44 32.3 +1.4
CZFR	Gura Zlata	41.76 324 P	P	10 44 33.0 +1.3
ARU	Arti	41.85 2 P	P	10 44 32.8 +0.7
ARU	comp=Z,18nm,1.4s	Iamb	Iamb	10 44 46.2
BURAR	Bucovina Array	41.85 328 P	P	10 44 35.0 +2.5
BURAR	Bucovina Array	41.85 328 P	P	10 44 32.9 +0.5
BUR08	Bucovina Ar. S.	41.88 328 P	P	10 44 33.0 +0.6
BUR08	comp=Z,19nm,1.4s	Iamb	Iamb	10 44 41.2
MDVR	Moldovita	42.01 323 P	P	10 44 34.7 +0.9
AKASG	Malin Array Be	42.19 334 P	P	10 44 35.1 +0.1
AKASG	comp=Z,0.5nm,0.3s,baz=137,slow=7.6,SNR=22	LR	LR	11 05 44.7
AKASG	comp=Z,419nm,19.1s,baz=125,slow=41	LR	LR	11 05 44.7
AKASG	Malin Array Be	42.19 334 P	P	10 44 34.8 -0.3
AKBB	Malin Array Si	42.19 334 P	P	10 44 33.0 +0.2
AKBB	comp=Z,18nm,1.1s	Iamb	Iamb	10 44 42.3
PDG	Podgorica	42.26 318 P	P	10 44 34.9 -0.8
PDG	comp=Z,20nm,1.4s	Iamb	Iamb	10 44 45.2
TIP	Timpagrade	42.48 313 P	P	10 44 38.9 +1.2
TIP	Timpagrade	42.48 313 P	P	10 44 38.6 +0.9
TIP	comp=Z,24nm,1.4s	Iamb	Iamb	10 44 40.5
BZS	Buzias	42.55 324 P	P	10 44 39.1 +1.0
PBKT	Sadao Pong	43.04 81 P	P	10 44 41.4 -1.1
OBN	Obninsk	43.29 344 P	P	10 44 45.2 +1.3
OBN	Obninsk	43.29 344 P	P	10 44 45.1 +1.3
PSI	Prapat	43.65 101 P	P	10 44 45.9 -1.7
PSI	comp=Z,1.5nm,0.4s,baz=831,slow=23,SNR=1.7	P	P	10 44 45.9 -1.7
RPSI	Rantau Prapat	43.69 102 P	P	10 44 45.9 -1.8
ACER	Acerenza	43.71 315 P	P	10 44 49.2 +1.5
MATP	Matopo	44.19 219 P	P	10 44 49.1 -2.6
MATP	comp=Z,11nm,0.6s,baz=49,slow=7.8,SNR=22	P	P	10 44 49.1 -2.6
CORL	Corleone	44.51 310 P	P	10 44 55.5 +1.4
BLY	Banja Luka	44.72 320 P	P	10 44 57.2 +1.6
BLY	Banja Luka	44.72 320 P	P	10 44 56.4 +0.8
KMI	Kunming	44.77 69 P	P	10 44 55.6 -0.9
KMI	comp=Z,14nm,1.1s	pmax	pmax	10 45 01.2 -0.4
KMI	comp=Z,62nm,3.1s	pmax	pmax	10 45 05.4 -0.5
KMI	comp=N,170nm,20.9s	LR	LR	10 51 37.1 +4.0
KMI	comp=E,280nm,19.5s	LR	LR	10 55 03.7 -0.2
KMI	comp=Z,500nm,34.9s	LR	LR	10 55 03.7 -0.2
PSZ	Piszkesteto	44.85 326 P	P	10 44 57.1 +0.5
PSZ	comp=Z,16nm,1.4s	Iamb	Iamb	10 45 00.3
ZAAO	Zalesovo Array	45.25 23 P	P	10 44 59.2 -0.4
ZAAO	comp=Z,8.6nm,0.8s	Iamb	Iamb	10 45 00.8
ZALV	Zalesovo Beam	45.25 23 P	P	10 44 59.7 +0.1
ZALV	comp=Z,8.1nm,0.7s,baz=227,slow=7.7,SNR=20	LR	LR	11 06 13.0
ZALV	comp=Z,413nm,18.5s,baz=230,slow=39	LR	LR	11 06 13.0
ZALV	Zalesovo Beam	45.25 23 P	P	10 44 59.5 -0.1
GTA	Gaotai	45.45 48 P	P	10 45 00.0 +6.4
GTA	comp=Z,4.0nm,1.1s	pmax	pmax	10 45 12.0 +1.6
GTA	comp=Z,71nm,4.7s	pmax	pmax	10 45 15.0 +6.0
GTA	comp=N,160nm,15.8s	LR	LR	10 51 50.2 +7.8
GTA	comp=E,490nm,21.3s	LR	LR	10 52 02.3 +1.1
GTA	comp=Z,710nm,22.7s	pmax	pmax	10 55 08.5 +2.5
NIE	Niedzica	45.52 327 P	P	10 45 04.0 +2.1
INTR	Introdacqua	45.62 315 P	P	10 45 03.4 +0.5
VYHS	Vyhne	45.76 326 P	P	10 45 04.3 +0.5
ADUJ	L'Aquila	46.10 316 P	P	10 45 07.7 +1.1
AQU	comp=Z,27nm,1.2s	Iamb	Iamb	10 45 20.0
OJC	Ojcow	46.26 328 P	P	10 45 08.8 +1.0
CD2	Chengdu	46.37 61 P	P	10 45 07.8 -1.2
CD2	comp=Z,20nm,0.5s	pmax	pmax	10 45 07.7 +1.1
CD2	comp=N,370nm,12.5s	LR	LR	10 45 20.0
CD2	comp=E,850nm,20.6s	LR	LR	10 45 09.6 0.0
CD2	comp=Z,840nm,20.2s	LR	LR	10 45 18.1
NJ2	Norcia	46.48 316 P	P	10 45 09.6 0.0
NRCA	comp=Z,11nm,0.9s	Iamb	Iamb	10 45 18.1
MODS	Modra-Piesok	46.55 325 P	P	10 45 09.4 -0.7
ZST	Bratislava	46.56 324 P	P	10 45 09.1 -0.9
JAVC	Velka Javorina	46.60 325 P	P	10 45 11.5 +1.0
BEL	Beisk	46.78 330 P	P	10 45 13.5 +1.9
KEST	Kesra	46.92 306 P	P	10 45 15.1 +1.9
KEST	comp=Z,3.7nm,0.7s,baz=126,slow=5.4,SNR=3.7	LR	LR	11 07 09.4
KEST	comp=Z,159nm,18.7s,baz=9.5,slow=39	P	P	10 45 13.5 +0.3
KEST	Kesra	46.92 306 P	P	10 45 27.6
KEST	comp=Z,19nm,1.2s	Iamb	Iamb	10 45 13.5 +0.3
ARSA	Arzberg	46.97 323 P	P	10 45 13.9 +0.5
SOKA	Sobota	46.98 322 P	P	10 45 14.3 +0.7
SOKA	comp=Z,11nm,1.4s	Iamb	Iamb	10 45 15.1 +0.5
CONA	Conrad Observa	47.12 323 P	P	10 45 15.1 +0.5
SUNW	Suwali	47.15 334 P	P	10 45 15.8 +1.3
SUNW	Suwali	47.15 334 P	P	10 45 13.9 -0.7
MORC	Moravsky Berou	47.19 326 P	P	10 45 15.8 +0.8
MORC	Moravsky Berou	47.19 326 P	P	10 45 14.9 -0.1
MORC	Moravsky Berou	47.19 326 P	P	10 45 15.1 +0.1
OBKA	Obr	47.19 321 P	P	10 45 16.5 +1.3
LATE	Laterna	47.28 315 P	P	10 45 15.7 -0.1
KRUC	Moravsky	47.42 325 P	P	10 45 16.3 -0.5
VRAC	Vranov	47.44 325 P	P	10 45 16.9 -0.1
VRAC	comp=Z,2.0nm,0.4s,baz=132,slow=8.0,SNR=5.2	P	P	10 45 16.9 -0.1
MYKA	Terra Mystica	47.80 321 P	P	10 45 20.8 +0.9
MYKA	comp=Z,4.3nm,0.5s	Iamb	Iamb	10 45 17.7 -2.0
KLMR	Klimovskoe	47.83 349 P	P	10 45 17.7 -2.0
KLMR	comp=Z,30nm,1.5s	AMP	AMP	10 45 35.4
KLMR	comp=Z,14nm,1.2s	iPP	PP	10 47 10.3 -1.3
KLMR	comp=Z,14nm,1.2s	eS	S	10 52 11.0 -4.4
KLMR	comp=Z,27nm,1.4s	LO	LO	11 01 30.1
KLMR	comp=Z,125nm,19.2s,baz=141,slow=37	LO	LO	11 01 30.1
MOA	Molin	48.01 323 P	P	10 45 21.9 +0.5
KBA	Koelnbreinsper	48.19 321 P	P	10 45 23.0 0.0
STAL	STALIGAL	48.21 320 P	P	10 45 23.3 +0.3

STAL	comp=Z,24nm,1.2s	Iamb	Iamb	10 45 30.2
CHVC	Chvalec	48.43 327 P	P	10 45 25.0 +0.4
KSP	Ksiaz	48.45 327 P	P	10 45 25.0 +0.2
ZCCA	Zlata Kopa	48.52 317 P	P	10 45 26.2 +0.8
ABTA	Abtattersbach	48.55 324 P	P	10 45 25.6 0.0
GECC	GERESS Array S	48.53 324 P	P	10 45 27.0 -0.8
GECC	comp=Z,3.0nm,0.6s	Iamb	Iamb	10 45 34.3
GERES	GERESS Array B	48.53 324 P	P	10 45 27.4 -0.5
GERES	comp=Z,11nm,1.4s	Iamb	Iamb	10 45 34.3
GERES	comp=Z,0.8nm,0.6s,baz=100,slow=6.9,SNR=6.0	LR	LR	11 08 02.1
GERES	comp=Z,124nm,20.5s,baz=108,slow=38	LR	LR	11 08 02.1
GERES	GERESS Array B	48.53 324 P	P	10 45 27.1 -0.7
KHC	Kasperske Hory	49.04 324 P	P	10 45 29.4 0.0
KHC	Kasperske Hory	49.04 324 P	P	10 45 28.8 -0.6
WTTA	Wattenberg	49.04 321 P	P	10 45 31.2 -0.5
WTTA	comp=Z,5.9nm,0.6s	Iamb	Iamb	10 45 31.2 -0.5
WATA	Walderalm	49.38 321 P	P	10 45 31.2 -0.9
WATA	comp=Z,10.0nm,0.9s	Iamb	Iamb	10 45 32.2 -0.2
LBTB	Lobatse	49.40 218 P	P	10 45 32.2 -0.2
LBTB	comp=Z,13nm,1.0s,baz=25,slow=7.9,SNR=9.2	P	P	10 45 31.9 -0.9
LBTB	Lobatse	49.40 218 P	P	10 45 32.9 -0.6
SQTA	Sankt Quirin	49.56 321 P	P	10 45 31.9 -0.6
SQTA	comp=Z,9.1nm,0.5s	Iamb	Iamb	10 45 31.9 -0.6
MOTA	Moosalm	49.68 321 P	P	10 45 33.3 -1.0
MOTA	comp=Z,8.4nm,0.8s	Iamb	Iamb	10 45 35.8 +1.3
BRG	Berggieshübel	49.72 326 P	P	10 45 35.8 +1.3
BRG	comp=Z,3.4nm,0.5s,baz=123,slow=20,SNR=9.4	P	P	10 45 35.8 +1.3
RETA	Reutte	49.95 321 P	P	10 45 35.4 -0.9
RETA	comp=Z,3.5nm,0.5s	Iamb	Iamb	10 45 38.0 -0.4
DAVOS	Davos/Dischmat	50.20 320 P	P	10 45 38.0 -0.4
DAVOS	comp=Z,3.4nm,0.5s,baz=123,slow=20,SNR=9.4	P	P	10 45 38.0 -0.4
DAVA	Damuels	50.41 320 P	P	10 45 39.4 -0.5
DAVA	comp=Z,5.4nm,0.6s	Iamb	Iamb	10 45 42.0 +2.0
CLL	Collin	50.45 326 P	P	10 45 42.0 +2.0
CLL	comp=Z,11nm,1.1s	eS	S	10 52 56.0 +3.4
CLL	Collin	50.45 326 P	P	10 45 41.4 +1.4
CLL	comp=Z,6.8nm,0.8s	Iamb	Iamb	10 45 42.6
GRF	Grafenberg Arr	50.66 324 P	P	10 45 47.0 +5.4
GRF	comp=Z,26nm,1.7s,baz=119,slow=8.6	P	P	10 45 47.0 +5.4
XAN	Xi'an	51.18 58 P	P	10 45 45.3 -0.6
XAN	comp=Z,7.0nm,0.9s	pmax	pmax	10 46 18.0 +2.3
XAN	comp=Z,110nm,5.2s	pmax	pmax	10 52 59.7 -3.7
XAN	comp=N,140nm,16.2s	LR	LR	10 46 18.0 +2.3
XAN	comp=E,270nm,17.7s	LR	LR	10 46 07.2
XAN	comp=Z,250nm,21.6s	LR	LR	10 46 07.2
XAN	Xi'an	51.18 58 P	P	10 45 45.5 -0.3
XAN	comp=Z,16nm,1.3s	Iamb	Iamb	10 45 57.7
ENH	Enshi	51.19 63 P	P	10 45 45.0 -1.0
ENH	comp=Z,11nm,1.1s	Iamb	Iamb	10 45 53.6
FINES	FINESS Array B	51.62 342 P	P	10 45 48.2 -0.4
FINES	comp=Z,2.1nm,0.4s,baz=135,slow=10.0,SNR=12	LR	LR	11 10 18.7
FINES	comp=Z,414nm,20.8s,baz=164,slow=39	LR	LR	11 10 18.7
FINES	FINESS Array B	51.62 342 P	P	10 45 48.9 +0.3
FINES	comp=Z,4.9nm,0.7s,baz=81,SNR=7.9	P	P	10 45 49.2 -0.3
SENIN	Lac Senin/Sane	51.68 318 P	P	10 45 49.2 -0.3
BFO	Black Forest	51.79 321 P	P	10 45 50.2 +0.1
BFO	comp=Z,14nm,1.3s	Iamb	Iamb	10 46 07.2
BOSA	Goshof	52.35 215 P	P	10 45 54.9 +0.3
BOSA	comp=Z,4.9nm,0.7s,baz=81,SNR=7.9	P	P	10 45 52.8 -1.9
BOSA	Boshof	52.35 215 P	P	10 45 52.8 -1.9
BOSA	comp=Z,23nm,1.2s	Iamb	Iamb	10 46 07.8
TLY	Talaya	52.88 35 P	P	10 45 57.8 -0.5
TLY	comp=Z,1.4nm,0.3s,baz=230,slow=7.1,SNR=3.6	P	P	10 45 57.8 -0.5
TLY	Talaya	52.88 35 P	P	10 45 57.7 -0.5
SONM	Songino Array	52.94 40 P	P	10 45 59.3 +0.4
SONM	comp=Z,1.3nm,0.6s,baz=244,slow=6.2,SNR=12	LR	LR	11 11 55.3
SONM	comp=Z,346nm,19.8s,baz=254,slow=40	P	P	11 11 55.3
SONM	Songino Array	52.94 40 P	P	10 45 59.1 +0.3
SSB	Saint Sauveur	53.13 316 P	P	10 46 00.4 +0.2
SSB	comp=Z,20nm,1.2s	Iamb	Iamb	10 46 13.2
ULN	Ulanbaatar	53.37 41 P	P	10 46 02.3 +0.3
HHC	Hu-ho-hao-te	54.49 50 P	P	10 46 11.2 +0.9
HHC	comp=Z,5.0nm,0.8s	pmax	pmax	10 46 11.2 +0.9
HHC	comp=Z,47nm,6.6s	pmax	pmax	10 46 23.5 -1.3
SBUM	Sibu	56.47 97 P	P	10 46 23.5 -1.3
NOA	NORSAR Array B	56.58 336 LR	LR	11 13 33.4
NOA	comp=Z,178nm,19.5s,baz=155,slow=39	P	P	10 46 33.1 -0.8
BJI	Beijing	57.82 52 P	P	10 54 38.0 +5.6
BJI	comp=Z,6.0nm,0.5s	pmax	pmax	10 54 38.0 +5.6
BJI	comp=N,360nm,19.9s	LR	LR	10 46 36.1 +1.3
BJI	comp=E,300nm,19.9s	LR	LR	10 46 35.9 -0.3
MDT	Midelt	57.91 300 P	P	11 14 32.8
MDT	comp=Z,4.1nm,1.0s,baz=162,slow=22,SNR=2.3	LR	LR	10 46 36.3 -0.3
NRK	Norilsk	58.21 13 P	P	10 46 36.3 -0.3
NRK	comp=Z,1.7nm,0.4s,baz=216,slow=5.7,SNR=6.1	LR	LR	10 46 36.3 -0.3
NRK	comp=Z,295nm,21.4s,baz=214,slow=39	LR	LR	10 46 36.3 -0.3
ARCES	ARCESS Array B	58.26 348 P		

Table with columns: Call Sign, City, Power, Frequency, and other details. Includes entries like JANB, CBOC, TAMC, etc.

Table with columns: Call Sign, City, Power, Frequency, and other details. Includes entries like Y58A, Y56A, GOGA, etc.

Table with columns: Call Sign, City, Power, Frequency, and other details. Includes entries like CPCT, TKL, TKL, etc.

Table with columns: Call Sign, City, Power, Frequency, and other details. Includes entries like U57A, SWET, U56A, etc.

2d 11h

MIAR	Mount Ida	58.33 338	P	P	11 17 26.8 +1.0
MIAR	Mount Ida	58.33 338	P	P	11 17 26.8 +1.0
MIAR	Mount Ida	58.33 338	P	P	11 17 26.8 +1.0
R58A	Rapid	58.34 353	P	P	11 17 27.1 +1.4
R57A	Standardsville	58.40 353	P	P	11 17 27.3 +1.1
T49A	Edmonton	58.41 346	P	P	11 17 26.5 +0.2
W41B	Gary Mavity, V	58.45 340	P	P	11 17 27.1 +0.5
SS2A	Salversville	58.47 349	P	P	11 17 26.7 0.0
GNAR	Gosnell	58.49 342	P	P	11 17 27.9 +1.1
SS1A	Beattyville	58.53 348	P	P	11 17 27.1 0.0
GLAT	Glass	58.56 343	P	P	11 17 28.2 +0.8
WHAR	Woody Hollow	58.57 340	I	I	11 17 28.2 +0.8
PEBM	Pemisco Bay	58.58 342	P	P	11 17 28.3 +0.8
R55A	Marlinton	58.59 352	P	P	11 17 29.4 +1.8
R55A	Marlinton	58.59 352	P	P	11 17 29.4 +1.8
R54A	Victor	58.61 351	P	P	11 17 28.3 +0.6
R56A	Bull Pasture N	58.61 352	P	P	11 17 28.9 +1.1
Z35A	Perchaven, San	58.65 334	I	I	11 17 30.0 +2.0
T47A	Sharon Grove	58.67 345	P	P	11 17 28.2 +0.1
G61A	Milford	58.69 356	P	P	11 17 28.8 +0.6
S50A	Richmond	58.73 348	P	P	11 17 28.7 +0.2
Q59A	Harwood	58.77 355	P	P	11 17 29.7 +1.0
Q60A	Greensboro	58.84 356	P	P	11 17 29.8 +0.5
R53A	Hurricane	58.91 350	P	P	11 17 30.1 +0.4
R53A	Hurricane	58.91 350	P	P	11 17 30.6 +0.8
LCAR	Lake Charles	58.93 341	P	P	11 17 30.1 +0.3
Q58A	Fox Den Farm,	58.95 354	P	P	11 17 31.5 +1.5
W39A	Magazine	58.99 338	P	P	11 17 31.5 +1.2
W39A	Magazine	58.99 338	P	P	11 17 31.4 +1.1
S49A	Springfield	59.01 347	P	P	11 17 30.7 +0.2
R52A	Cattlettsburg	59.03 349	P	P	11 17 30.6 0.0
ABTX	Ablene, Hawle	59.06 332	P	P	11 17 31.4 +0.4
ABTX	Ablene, Hawle	59.06 332	P	P	11 17 31.9 +0.9
FCAR	Ozark Folk Cen	59.07 340	P	P	11 17 30.7 -0.2
T45A	Paducah	59.09 344	P	P	11 17 31.6 +0.5
Q57A	Strasburg	59.11 353	P	P	11 17 32.7 +1.6
R51A	Hillsboro	59.17 348	P	P	11 17 31.8 +0.3
Q56A	Snyder Ridge,	59.21 353	P	P	11 17 33.5 +1.7
Q56A	Snyder Ridge,	59.21 353	P	P	11 17 33.3 +1.5
Q55A	Buckhannon	59.28 352	P	P	11 17 33.6 +1.3
R50A	Paris	59.32 348	P	P	11 17 32.7 +0.3
SDMD	Soldier's Delr	59.33 355	P	P	11 17 33.6 +1.0
Q53A	Leroy	59.36 350	P	P	11 17 33.4 +0.5
PBMO	Poplar Bluff	59.37 342	P	P	11 17 33.1 +0.1
Q54A	Coxs Mills	59.38 351	P	P	11 17 33.6 +0.7
Q54A	Coxs Mills	59.38 351	P	P	11 17 33.5 +0.5
P58A	Pank, Wackersy	59.45 354	P	P	11 17 34.7 +1.3
R49A	Shelbyville	59.48 347	P	P	11 17 33.6 -0.1
P59A	Jarrettsville	59.49 355	P	P	11 17 35.0 +1.3
P57A	Homestead Farm	59.52 354	P	P	11 17 35.9 +2.0
Q52A	Bidwell	59.52 354	P	P	11 17 35.5 +1.7
P56A	Dayton Farm, R	59.53 353	P	P	11 17 36.6 +1.9
P60A	Greenville	59.64 356	P	P	11 17 35.5 +0.8
P60A	Greenville	59.64 356	P	P	11 17 35.5 +0.8
WCI	Wyandotte Cave	59.66 346	P	P	11 17 34.8 -0.1
WCI	Wyandotte Cave	59.66 346	P	P	11 17 35.1 +0.1
WCI	Wyandotte Cave	59.66 346	P	P	11 17 34.8 -0.1
U40A	Yellville	59.73 340	P	P	11 17 36.2 +0.7
U40A	Yellville	59.73 340	P	P	11 17 35.8 +0.4
USIN	University of	59.74 345	P	P	11 17 35.7 +0.3
PSUB	Penn St. - Bra	59.74 356	P	P	11 17 36.0 +0.6
P55A	Reedsville	59.75 352	P	P	11 17 37.0 +1.4
Q50A	Georgetown	59.77 348	P	P	11 17 35.7 0.0
T42A	Van Buren	59.80 341	P	P	11 17 35.9 0.0
Q51A	Peebles	59.83 349	P	P	11 17 37.3 +1.2
Q51A	Peebles	59.83 349	P	P	11 17 36.6 +0.5
O61A	Allentown	59.85 357	P	P	11 17 37.2 +1.0
MVL	Millersville	59.88 355	P	P	11 17 37.6 +1.3
S44A	Carbonate	59.89 343	P	P	11 17 36.8 +0.3
MCWV	Mont Chateau	59.90 352	P	P	11 17 37.4 +0.8
MCWV	Mont Chateau	59.90 352	P	P	11 17 37.0 +0.4
SIUC	Southern	59.90 343	P	P	11 17 36.9 +0.3
P54A	Whipple	59.95 351	P	P	11 17 37.8 +0.9
P53A	Whipple	59.95 351	P	P	11 17 37.8 +0.9
X34A	Smith Ranch, F	59.99 335	P	P	11 17 40.5
HHAR	Hobbs	60.03 339	P	P	11 17 37.5 0.0

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O58A	Lewisberry	60.05 355	P	P	11 17 39.1 +1.5
W35A	Tecumseh	60.09 336	P	P	11 17 38.4 +0.4
Q49A	Aurora	60.11 348	P	P	11 17 37.9 -0.1
O60A	Telford	60.12 356	P	P	11 17 39.0 +1.0
PAGS	Pennsylvania G	60.13 355	P	P	11 17 39.1 +1.0
O59A	Robesonia	60.17 355	P	P	11 17 39.7 +1.3
O57A	Amberson	60.20 354	P	P	11 17 40.2 +1.6
Q48A	North Vernon	60.21 347	P	P	11 17 38.8 +0.2
P52A	Corning	60.21 350	P	P	11 17 39.0 +0.3
P51A	Williamsport	60.22 349	P	P	11 17 39.1 +0.3
P51A	Williamsport	60.22 349	P	P	11 17 39.1 +0.3
U38A	Gravette	60.32 338	P	P	11 17 40.4 +0.8
O56A	Blue Knob Stat	60.35 353	P	P	11 17 41.4 +1.7
O56A	Blue Knob Stat	60.35 353	P	P	11 17 41.4 +1.7
TUL1	Leonard	60.35 337	P	P	11 17 40.5 +0.8
TUL1	Leonard	60.35 337	P	P	11 17 41.1 +1.4
O55A	Ligonia	60.38 353	P	P	11 17 41.0 +1.1
LUPA	Lehigh Univer	60.40 356	P	P	11 17 40.7 +0.7
BRNJ	Basking Ridge	60.44 357	I	I	11 17 41.6 +1.4
P50A	Jamestown	60.48 349	P	P	11 17 40.6 +0.1
O54A	Avella	60.49 352	P	P	11 17 41.1 +0.6
O54A	Avella	60.49 352	P	P	11 17 41.3 +0.7
FVM	French Village	60.49 342	P	P	11 17 41.3 +0.6
FVM	French Village	60.49 342	P	P	11 17 41.2 +0.6
N61A	South Mountain	60.49 357	P	P	11 17 41.5 +0.9
WMOK	Wichita Mounta	60.50 334	P	P	11 17 41.0 +0.2
WMOK	Wichita Mounta	60.50 334	P	P	11 17 40.9 +0.1
P49A	Miami Univ. Ec	60.58 348	P	P	11 17 40.9 -0.3
BLO	Bloomington	60.62 346	P	P	11 17 41.9 +0.4
BLO	Bloomington	60.62 346	P	P	11 17 41.9 +0.4
O52A	Adamsville	60.63 350	P	P	11 17 41.5 -0.1
O52A	Adamsville	60.63 350	P	P	11 17 42.2 +0.6
N62A	Caumont State	60.64 358	P	P	11 17 42.0 +0.4
SSPA	Standing Stone	60.64 354	P	P	11 17 42.9 +1.3
SSPA	Standing Stone	60.64 354	P	P	11 17 43.2 +1.5
P48A	Milroy	60.65 347	P	P	11 17 41.4 -0.3
P48A	Milroy	60.65 347	P	P	11 17 41.6 -0.1
N60A	Cedar Hill Far	60.66 356	P	P	11 17 42.8 +1.1
O53A	New Philadelph	60.67 351	P	P	11 17 42.4 +0.6
N57A	Palisades	60.73 357	P	P	11 17 43.2 +1.0
PAL	Palisades	60.73 357	P	P	11 17 43.0 +0.8
PAL	Palisades	60.73 357	P	P	11 17 43.2 +1.0
N58A	Sunbury	60.74 355	P	P	11 17 43.2 +1.0
N59A	State Game Lan	60.74 356	P	P	11 17 43.8 +1.5
N59A	State Game Lan	60.74 356	P	P	11 17 43.8 +1.5
O51A	Pataskala	60.79 350	P	P	11 17 42.6 0.0
CCM	Cathedral Cave	60.79 342	P	P	11 17 43.0 +0.3
CCM	Cathedral Cave	60.79 342	P	P	11 17 43.1 +0.3
CCM	Cathedral Cave	60.79 342	P	P	11 17 43.0 +0.3
ODNJ	Ogdensburg	60.84 357	P	P	11 17 44.2 +1.3
N55A	Marion Center	60.90 353	P	P	11 17 44.8 +1.3
ACSO	Alum Creek Sta	60.94 349	P	P	11 17 43.8 +0.2
ACSO	Alum Creek Sta	60.94 349	P	P	11 17 44.0 +0.3
N56A	West Decatur	60.96 354	P	P	11 17 44.9 +1.0
Q40A	Cable	60.97 349	P	P	11 17 43.9 +0.1
Q44A	Meyer Farm, V	60.97 344	I	I	11 17 43.2 -0.6
YLE	Yale	61.01 358	P	P	11 17 45.3 +1.3
M61A	Granite Spring	61.03 358	P	P	11 17 45.2 +1.0
MNTX	Cornudas Mount	61.07 327	P	P	11 17 45.5 +0.8
MNTX	Cornudas Mount	61.07 327	P	P	11 17 45.9 +1.2
M63A	Gales Ferry	61.08 359	P	P	11 17 45.5 +1.0
M60A	Port Jervis	61.08 357	P	P	11 17 45.6 +1.0
S39A	Bolivar	61.10 340	P	P	11 17 45.4 +0.6
M62A	Hamden	61.13 358	P	P	11 17 45.7 +0.8
O49A	Covington	61.14 348	P	P	11 17 44.8 -0.2
O49A	Covington	61.14 348	P	P	11 17 45.3 +0.3
N53A	Lisbon	61.16 351	P	P	11 17 46.2 +1.0
N53A	Lisbon	61.16 351	P	P	11 17 46.4 +1.2
N53A	Lisbon	61.16 351	P	P	11 17 46.4 +1.2
P46A	Rosedale	61.20 346	P	P	11 17 45.4 0.0
N54A	Moraine State	61.20 352	P	P	11 17 46.5 +1.0
M64A	Tiverton	61.21 360	P	P	11 17 46.5 +1.0
M65A	Busby, Falmout	61.23 0	P	P	11 17 46.6 +1.0
M58A	Price's Panora	61.25 355	P	P	11 17 47.4 +1.6
M57A	Sunshine Farm,	61.27 355	P	P	11 17 47.6 +1.8
M57A	Sunshine Farm,	61.27 355	P	P	11 17 47.6 +1.8
M52A	McGinn's Farm,	61.29 351	P	P	11 17 46.7 +0.7

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R40A	Maddies Statio	61.32 341	P	I	11 17 46.7 +0.4
M59A	Waymar	61.34 356	P	P	11 17 47.6 +1.2
O48A	Farmland	61.37 348	P	P	11 17 46.4 -0.2
KSPA	Keystone Colle	61.38 356	P	I	11 17 47.9 +1.3
KSCST	Kent School, K	61.43 358	P	P	11 17 48.4 +1.4
N50A	Nevada	61.49 349	P	P	11 17 47.4 0.0
N51A	Ashland	61.50 350	P	P	11 17 47.5 -0.1
N51A	Ashland	61.50 350	P	I	11 17 47.4 -0.1
T35A	Sooner Cattle	61.51 337	P	I	11 17 48.7 +1.1
M56A	Emporium	61.51 354	P	P	11 17 49.0 +1.5
M56A	Emporium	61.51 354	P	P	11 17 48.9 +1.3
L63A	North Scituate	61.53 359	P	P	11 17 48.5 +0.9
M55A	Ridgway	61.56 353	P	P	11 17 49.2 +1.4
M55A	Ridgway	61.56 353	P	P	11 17 49.1 +1.2
L64A	Middleborough	61.60 0	P	P	11 17 48.7 +0.7
MSTX	Muleshoe	61.62 330	P	P	11 17 48.5 0.0
MSTX	Muleshoe	61.62 330	P	I	11 17 49.5 +

Table with columns for ID, Name, Comp, SNR, and other metrics. Includes entries like 319A Dawn, P38A Dawn, J63A Strafford, etc.

Table with columns for ID, Name, Comp, SNR, and other metrics. Includes entries like TUC Tucson, DELO Deloro Mine, L40A Anamosa, etc.

Table with columns for ID, Name, Comp, SNR, and other metrics. Includes entries like E55A Montcerf-Lytto, E56A St. Veronique, E52A Mattawa, etc.

N23A	baz=134 Red Feather La baz=145,SNR=9.4	68.73 332	P	P	11 18 36.5 +1.8
E38A	The Farm, Brul E38A	68.84 345	P	I Amb	11 18 35.6 +0.6 11 18 36.6
PHWY	Pilot Hill	68.85 333	P	P	11 18 37.3 +1.8
PHWY	comp=Z,29nm,1.5s		P	I Amb	11 18 38.7
NVL	Nlazarrevskaya	68.93 159	eP	P max	11 18 36.2 +0.9
NVL	comp=Z,46nm,1.6s		P	P	11 18 37.5 +1.3
SUSD	Miller baz=152	69.03 339	P	P	11 18 37.2 +1.0
SUSD	Miller	69.03 339	P	I Amb	11 18 38.8
GMRC	comp=Z,45nm,1.1s Granite Mouna baz=135,SNR=11	69.06 322	P	P	11 18 39.2 +2.4
KNB	Kanab	69.08 325	P	P	11 18 40.0 +3.1
KNB	comp=Z,38nm,1.2s		P	P	11 18 40.0 +3.1
KNB	Kanab	69.08 325	P	P	11 18 40.0 +3.1
PKCU	Pink Cliffs	69.12 326	P	P	11 18 38.5 +1.3
O20A	White River Ci baz=143,SNR=9.5	69.16 330	P	P	11 18 39.4 +2.0
O20A	White River Ci	69.16 330	P	P	11 18 39.1 +1.7
LCMT	Little Creek M	69.30 325	P	P	11 18 40.3 +2.0
SRU	San Rafael Sw	69.46 328	P	P max	11 18 40.9 +1.6
SRU	comp=Z,9.0nm,0.9s		P	P max	
SRU	San Rafael Sw	69.46 328	P	P	11 18 40.9 +1.6
MTPU	Mount Pierson	69.50 326	P	P	11 18 42.2 +2.5
O16A	Castle Valley	69.64 328	P	P	11 18 41.8 +1.4
TUQ	Turquoise Moun	69.67 322	P	P	11 18 42.6 +2.1
TUQ	baz=135,SNR=5.4				
MATU	Matagami	69.68 355	P	P	11 18 40.2 +0.1
LCAT	comp=Z,173,SNR=7.3 Cedar City	69.76 325	P	P	11 18 44.1 +2.9
LIC	Lamto	69.84 75	ePKP1	P	11 18 40.9 -1.0
LIC	comp=Z,23nm,1.0s		P	P	11 18 40.9 -1.0
LIC	Lamto	69.84 75	P	P	11 18 40.9 -1.0
MSU	Marysvalde	69.85 327	P	P	11 18 44.2 +2.5
MSU	Marysvalde	69.85 327	P	P	11 18 44.2 +2.5
P17A	Butcher Ranch,	69.85 328	P	P	11 18 43.2 +1.6
RWWY	Rawlins	69.93 332	P	P	11 18 45.2 +3.1
RWWY	comp=Z,19nm,1.2s		I Amb	I Amb	11 18 46.4
TMUT	Trail Mountain	69.95 328	P	P	11 18 44.5 +2.1
DRLN	Deer Lake	69.96 9	P	P	11 18 42.1 +0.3
SHPR	Sheep Range	69.99 323	P	P	11 18 44.6 +2.1
TIC	Toumoudi	70.01 75	ePKP1	P	11 18 40.8 -2.2
TIC	comp=Z,70nm,1.1s		P	P	
EYMN	Ely	70.08 345	P	P	11 18 42.7 0.0
EYMN	comp=Z,160,SNR=7.2		P	P	
EYMN	Ely	70.08 345	P	P	11 18 42.6 0.0
GSC	Goldstone, Bar	70.09 321	P	P max	11 18 43.8 +0.7
GSC	comp=Z,28nm,1.5s		P	P max	
GSC	Goldstone, Bar	70.09 321	P	P	11 18 45.1 +2.0
GSC	baz=134,SNR=6.8				
GSC	Goldstone, Bar	70.09 321	P	I Amb	11 18 43.8 +0.7
GSC	comp=Z,28nm,1.5s		I Amb	I Amb	11 18 48.2
RDMU	Red Mountain	70.13 330	P	P	11 18 44.0 +0.6
PASC	Padadena Art C	70.14 320	pP	P	11 18 48.1 -2.6
KIC	Kosan Boka	70.15 75	ePKP1	P	11 18 41.8 -2.0
KIC	comp=Z,24nm,1.1s		P	P	
KBIC	Kosan Boka	70.15 75	P	P	11 18 41.8 -2.0
DBIC	Dimbokro	70.17 75	P	P	11 18 43.2 -0.6
DBIC	comp=Z,31nm,1.0s, baz=219,slow=5.8,SNR=24		P	P	
DBIC	Dimbokro	70.17 75	P	P max	11 18 43.3 -0.6
DBIC	comp=Z,43nm,1.1s		I Amb	I Amb	11 18 44.4
DBIC	Dimbokro	70.17 75	P	I Amb	11 18 43.3 -0.6
SHOC	Shoshone, Teco baz=135	70.20 322	P	P	11 18 45.8 +2.1
QSPA	South Pole Qui	70.20 180	P	I Amb	11 18 44.7 +1.3
QSPA	comp=Z,42nm,1.4s		I Amb	I Amb	11 18 58.7
SNCC	San Nicolas Is baz=132	70.35 318	P	P	11 18 45.2 +0.6
K22A	Casper	70.41 333	P	P	11 18 46.7 +1.7
K22A	baz=145,SNR=6.4				
EDW2	Casper	70.41 333	P	P	11 18 46.3 +1.3
EDW2	Edwards Air Fo baz=133	70.50 320	P	P	11 18 47.8 +2.2
RSSD	Black Hills	70.61 335	P	P	11 18 47.9 +1.7
RSSD	comp=Z,10.0nm,1.0s		P max	P max	
RSSD	Black Hills	70.61 335	P	P	11 18 48.2 +2.0
RSSD	baz=147				
RSSD	Black Hills	70.61 335	P	P	11 18 47.9 +1.7
MPU	Maple Canyon	70.71 328	P	P	11 18 49.5 +2.6
PSUT	Pine Spring	70.75 326	P	P	11 18 49.3 +2.1
D32A	Dogwood Acres, D32A	70.81 341	I Amb	I Amb	11 18 48.1 +1.1
NLU	North Lily Min	70.88 328	P	P	11 18 50.3 +2.3
TPNV	Topopah Spring	70.92 323	P	P	11 18 51.0 +2.8
TPNV	comp=Z,14nm,1.0s		P max	P max	
TPNV	Topopah Spring	70.92 323	P	P	11 18 51.1 +2.9
TPNV	baz=135,SNR=12				
TPNV	Topopah Spring	70.92 323	P	P	11 18 51.0 +2.9
FURC	Furnace Creek, baz=134,SNR=15	70.93 322	P	P	11 18 50.8 +2.8
MPMC	Manual Prospec baz=134,SNR=5.8	71.01 322	P	P	11 18 51.3 +2.5
ISA	Isabella, Lake	71.32 321	P	P	11 18 54.1 +3.5
ISA	comp=Z,12nm,1.0s		P max	P max	
ISA	Isabella, Lake	71.32 321	P	P	11 18 53.5 +2.9
ISA	baz=133,SNR=7.2				
ISA	Isabella, Lake	71.32 321	P	P	11 18 54.1 +3.6
DUG	Dugway, Tooele	71.44 327	P	P max	11 18 54.2 +2.9
DUG	comp=Z,31nm,1.4s		P max	P max	
DUG	Dugway, Tooele	71.44 327	P	P	11 18 54.1 +2.9
DUG	baz=139,SNR=1				
DUG	Dugway, Tooele	71.44 327	P	I Amb	11 18 54.1 +2.9
DUG	comp=Z,31nm,1.4s		I Amb	I Amb	11 19 12.3
TCUT	Toone Canyon	71.44 329	P	P	11 18 52.9 +1.6
E28A	Huff	71.48 339	P	P	11 18 52.6 +1.4
AGMN	Agassiz Nation baz=155	71.53 343	P	P	11 18 52.2 +0.8
AGMN	Agassiz Nation	71.53 343	P	I Amb	11 18 52.0 +0.6
AGMN	comp=Z,28nm,1.4s		I Amb	I Amb	11 18 53.1
R11A	Troy Canyon, C	71.55 324	P	P	11 18 54.8 +2.8
R11A	baz=136,SNR=15				
R11A	Troy Canyon, C	71.55 324	P	P	11 18 55.0 +3.1
PKM	McPherson Peak baz=132	71.61 319	P	P	11 18 52.5 0.0
CWC	Cottonwood Cre baz=134	71.62 321	P	P	11 18 54.6 +2.2
VES	Vestal, Richgr baz=133,SNR=8.3	71.81 320	P	P	11 18 56.0 +2.6
PD31	Pinedale Array	71.84 331	P	P	11 18 55.5 +1.8
PDAR	Pinedale Array	71.84 331	P	P	11 18 55.0 +1.3
PDAR	comp=Z,1.8nm,0.8s, baz=141,slow=7.6,SNR=16		P	P	
PDAR	Pinedale Array	71.84 331	P	P	11 18 55.0 +1.3
BW06	Boulder Array	71.85 331	P	P	11 18 55.1 +1.3
BW06	baz=142,SNR=5.3				
BW06	Boulder Array	71.85 331	P	P	11 18 54.8 +1.1
HWUT	Hardware Ranch	71.89 329	P	P	11 18 55.4 +1.4
BCU	Big Grassy Mou	72.09 328	P	P	11 18 57.3 +2.1
TBI	Tubuai	72.17 251	eS	SKIPP	11 28 23.5 -7.2
TBI	comp=Z,787nm,27.2s				
TBI	Tubuai	72.17 251	eLR	LR	11 40 58.7
MDND	Madcock	72.24 340	P	P	11 18 57.1 +1.4
MDND	baz=152,SNR=12				
MDND	Madcock	72.24 340	P	P	11 18 57.3 +1.6
AHID	Auburn Hatcher	72.56 330	P	I Amb	11 18 59.9 +1.9
AHID	comp=Z,36nm,1.5s		I Amb	I Amb	11 19 02.8 +2.8
MLAC	Mammoth, Mammo baz=133	72.88 322	P	P	11 19 02.8 +2.8
REDW	Red Top Meadow	72.90 331	P	P	11 19 02.1 +2.0
REDW	comp=Z,34nm,1.4s		I Amb	I Amb	11 19 19.6

SNOW	Snow King Moun	72.94 331	P	P	11 19 01.8 +1.5
SNOW	comp=Z,30nm,1.4s		I Amb	I Amb	11 19 07.7
OMMB	Old Mammoth M	72.96 322	P	I Amb	11 19 02.9 +2.2
OMMB	comp=Z,34nm,1.3s		I Amb	I Amb	11 19 09.3
NV11	Mina Array Sit	73.04 323	P	P	11 19 04.0 +3.2
TPW	Tetona Pass	73.05 331	P	I Amb	11 19 03.2 +2.2
TPW	comp=Z,32nm,1.5s		I Amb	I Amb	11 19 09.1
ELK	Elko	73.09 326	P	P max	11 19 03.7 +2.5
ELK	comp=Z,16nm,1.5s		P max	P max	
ELK	Elko	73.09 326	P	P	11 19 03.7 +2.5
ELK	comp=Z,33nm,1.3s		P	P	11 19 04.2 +2.8
NVAR	Mina Array Bea	73.12 323	P	P	11 19 04.0 +2.6
NVAR	comp=Z,3.3nm,0.8s, baz=153,slow=5.1,SNR=21		P	P	
NVAR	Mina Array Bea	73.12 323	P	P	11 19 03.7 +1.9
FXWY	Fox Creek	73.20 331	P	P	11 19 02.0 0.0
ULM	Lac du Bonnet	73.31 344	P	P	11 19 02.0 0.0
ULM	comp=Z,11nm,1.0s, baz=161,slow=6.6,SNR=14		LR	LR	11 53 21.9
ULM	Lac du Bonnet	73.31 344	P	P	11 19 02.3 +0.3
ULM	comp=Z,487nm,21.2s, baz=144,slow=38		P max	P max	
ULM	Lac du Bonnet	73.31 344	P	P max	11 19 02.3 +0.3
ULM	comp=Z,31nm,1.2s		P max	P max	11 19 04.2
ULM	Lac du Bonnet	73.31 344	P	I Amb	11 19 02.3 +0.3
IMW	Indian Meadow	73.36 331	P	P	11 19 05.0 +2.2
RYN	Ryan	73.38 323	P	P	11 19 05.5 +2.6
FLWY	Flagg Ranch	73.39 331	P	I Amb	11 19 04.7 +1.8
FLWY	comp=Z,57nm,1.5s		I Amb	I Amb	11 19 06.7
KVN	Kaiserville	73.43 323	P	P max	11 19 05.8 +2.6
KVN	comp=Z,15nm,1.1s		P max	P max	
KVN	Kaiserville	73.43 323	P	P	11 19 05.8 +2.6
RLMT	Red Lodge	73.58 333	P	P	11 19 06.0 +2.1
RLMT	baz=143,SNR=18				
RLMT	Red Lodge	73.58 333	P	P	11 19 06.2 +2.2
H17A	Grant Village	73.58 332	P	P	11 19 06.8 +2.8
H17A	baz=141				
H17A	Grant Village	73.58 332	P	P	11 19 07.5 +3.4
H17A	Pitstone Pla	73.59 331	P	P	11 19 06.5 +2.4
LAO	LASA Array	73.60 336	P	P	11 19 05.4 +1.6
LAO	baz=146,SNR=10				
LAO	LASA Array	73.60 336	P	P	11 19 05.2 +1.4
LAO	comp=Z,33nm,1.1s		I Amb	I Amb	11 19 07.7
LKWY	Lake	73.64 332	P	P	11 19 07.6 +3.2
LKWY	comp=Z,26nm,1.2s		P max	P max	
LKWY	Lake	73.64 332	P	I Amb	11 19 07.6 +3.2
LKWY	comp=Z,26nm,1.2s		I Amb	I Amb	11 19 13.0
PPT2	Papeete2	73.79 257	eS	S	11 28 42.5 +6.7
PPT2	comp=Z,1um,25.5s		eLR	LR	11 41 44.8
PPT2	Papeete2	73.79 257	eLR	LR	11 41 44.8
YNE	Yellowstone No	73.81 332	P	P	11 19 07.7 +2.3
WAKR	Walker	73.82 322	P	P	11 19 08.3 +2.8
YNR	Norris Junctio	73.88 332	P	P	11 19 08.4 +2.6
YMR	Madison River	73.97 331	P	P	11 19 08.4 +3.1
YHH	Holmes Hill	74.01 332	P	P	11 19 09.9 +3.3
YERR	Yerington	74.03 323	P	I Amb	11 19 09.9 +3.1
YERR	comp=Z,30nm,1.5s		I Amb	I Amb	11 19 28.1
YHB	Horse Butte	74.14 331	P	P	11 19 08.7 +1.4
YHL	Hogan Lake	74.21 331	P	P	11 19 10.6 +2.3
GCMT	Greycliff	74.28 333	P	P	11 19 10.1 +2.1
QLMT	Earthquake Lak	74.30 331	P	P	11 19 11.3 +3.1
PNTR	Pine Nut	74.31 323	P	P	11 19 10.9 +2.5
DGMT	Dagmar	74.33 338	P	P	11 19 09.6 +1.5
DGMT	comp=Z,148,SNR=7.2				
DGMT	Dagmar	74.33 338	P	I Amb	11 19 10.2 +2.2
DGMT	comp=Z,24nm,0.8s		I Amb	I Amb	11 19 10.8
VCNR	Virginia City	74.48 323	P	P	11 19 10.7 +1.3
SCHO	Schefferville	74.51 322	P	P	11 19 09.2 -0.2
SCHO	comp=Z,9.6nm,1.0s, baz=156,slow=4.7,SNR=7.8		LR	LR	11 51 29.5
SCHO	Schefferville	74.51 322	P	P	11 19 10.4 +1.1
PAHR	Pah Rah Range	74.61 331	P	P	11 19 13.9 +3.3
MCMT	McKenzie Canyo	74.95 331	P	P	11 19 14.8 +2.7
AFDM	Forest Hills D	75.00 322	P	P	11 19 14.1 +1.9
DLMT	Dillon	75.24 331	P	P	11 19 15.8 +2.2
BEKR	Beckworth	75.27 323	P	P	11 19 15.5 +1.6
MFID	Camas Ranch	75.33 328	P	P	11 19 16.8 +2.7
MFID	comp=Z,45nm,1.5s		I Amb	I Amb	11 19 23.8
LRM	Limekiln Ridge	75.53 331	P	P	11 19 18.0 +2.7

2d 11h

V60A	Jim Taylor Roa	55.74	354	P	P	11 21 11.1	+0.9
W54A	Cherokee Point	55.77	349	P	P	11 21 11.4	+1.1
W51A	Calhoun	55.81	346	P	P	11 21 10.1	-0.6
V59A	Middlesex	55.85	353	P	P	11 21 11.7	+0.8
FPAL	Fort Paine	55.96	345	P	P	11 21 12.1	+0.3
V58A	Windy Hill, Pi	55.98	352	P	P	11 21 12.2	+0.3
V58A	Windy Hill, Pi	55.98	352	P	I Amb	11 21 12.8	+0.9
V58A	Windy Hill, Pi	55.98	352	P	I Amb	11 21 14.5	
W52A	Murphy	56.12	347	P	P	11 21 13.2	+0.4
W52A	Murphy	56.12	347	P	I Amb	11 21 15.6	
V57A	Coltrane Farms	56.17	351	P	P	11 21 13.6	+0.4
V56A	Mocksville	56.20	351	P	P	11 21 13.8	+0.4
U61A	Possum Corner	56.23	355	P	P	11 21 14.5	+1.0
U61A	Possum Corner	56.23	355	P	I Amb	11 21 15.4	+0.8
X48A	Hartselle	56.23	344	P	P	11 21 13.5	-0.1
V55A	Taylorsville	56.35	350	P	P	11 21 15.6	+1.1
V55A	Taylorsville	56.35	350	P	I Amb	11 21 16.5	
U59A	Littleton	56.38	353	P	P	11 21 15.7	+1.1
U59A	Littleton	56.38	353	P	I Amb	11 21 16.9	
V54A	Nebo	56.40	349	P	P	11 21 15.1	+0.2
V53A	Saluda	56.45	348	P	P	11 21 15.1	-0.2
U58A	Oxford	56.51	353	P	P	11 21 15.9	+0.3
W50A	Signal Mountai	56.52	346	P	P	11 21 15.4	-0.4
W50A	Signal Mountai	56.52	346	P	I Amb	11 21 17.0	
CPCT	Cooper Cave	56.58	347	P	P	11 21 16.2	0.0
TKL	Tuckaleechee C	56.63	348	P	P	11 21 15.9	-0.6
TKL	Tuckaleechee C	56.63	348	P	I Amb	11 21 18.8	
U57A	Blanch	56.64	352	P	P	11 21 17.1	+0.6
SWET	Sewanee	56.68	345	P	P	11 21 16.7	-0.2
U56A	King	56.70	351	P	P	11 21 17.4	+0.4
U56A	King	56.70	351	P	I Amb	11 21 20.6	
V52A	Sevierville	56.77	348	P	P	11 21 18.1	+0.5
V52A	Sevierville	56.77	348	P	I Amb	11 21 18.8	
V51A	Loudon	56.89	347	P	P	11 21 18.6	+0.3
V51A	Loudon	56.89	347	P	I Amb	11 21 27.3	
OXF	Oxford	56.94	342	P	P	11 21 19.1	+0.4
OXF	Oxford	56.94	342	P	P	11 21 18.1	-0.6
OXF	Oxford	56.94	342	P	I Amb	11 21 19.1	+0.4
OXF	Oxford	56.94	342	P	I Amb	11 21 30.7	
U55A	TA2, Sparta	56.96	350	P	P	11 21 18.4	-0.5
T59A	Double "B" Far	56.97	354	P	P	11 21 19.3	+0.5
T59A	Double "B" Far	56.97	354	P	P	11 21 20.1	+1.2
PLAL	Pickwick Lake	57.00	343	P	P	11 21 18.6	-0.6
T58A	Grand View Acr	57.05	353	P	P	11 21 20.3	+0.9
T60A	Surry	57.05	355	P	P	11 21 20.1	+0.7
T60A	Surry	57.05	355	P	P	11 21 20.1	+0.7
U54A	Nelsons Funny	57.10	350	P	P	11 21 20.4	+0.4
U54A	Nelsons Funny	57.10	350	P	I Amb	11 21 21.5	
T57A	Hurt	57.19	352	P	P	11 21 21.2	+0.8
T57A	Hurt	57.19	352	P	I Amb	11 21 21.0	+0.5
T56A	Rocky Mt	57.32	351	P	P	11 21 22.1	+0.6
WLAR	White Oak Lake	57.37	338	P	P	11 21 23.7	+1.9
V48A	Smith Brothers	57.40	345	P	I Amb	11 21 22.1	+0.1
Z48A	Tazewell	57.44	348	P	P	11 21 22.3	0.0
HPIG	Hickory Valley	57.47	323	P	P	11 21 22.8	-0.1
W45A	Hickory Valley	57.48	342	P	I Amb	11 21 22.6	+0.1
T55A	Pulaski	57.52	351	P	P	11 21 23.3	+0.5
WHT	Lake Whitney,	57.55	333	P	P	11 21 24.0	+0.9
BLA	Blacksburg	57.56	351	P	P	11 21 23.7	+0.6
BLA	Blacksburg	57.56	351	P	P	11 21 23.4	+0.3
BLA	Blacksburg	57.56	351	P	P	11 21 23.7	+0.6
T54A	Tazewell	57.59	350	P	P	11 21 23.1	-0.2
CLTN	Cedars of Leba	57.61	345	P	P	11 21 23.4	0.0
S58A	Poland Farm, P	57.65	353	P	P	11 21 23.8	+0.1
S58A	Poland Farm, P	57.65	353	P	I Amb	11 21 24.4	+0.7
S58A	Poland Farm, P	57.65	353	P	I Amb	11 21 25.8	
T53A	Wise	57.68	349	P	P	11 21 23.8	-0.1
S59A	Mechanicsville	57.72	354	P	P	11 21 24.2	+0.1
T52A	Hallie	57.88	349	P	P	11 21 25.3	-0.1
U49A	Red Boiling Sp	57.88	346	P	I Amb	11 21 25.1	-0.3
U49A	Red Boiling Sp	57.88	346	P	I Amb	11 21 31.7	
S56A	Natural Bridge	57.90	352	P	P	11 21 25.3	-0.2
S57A	Dark Hollow, R	57.90	353	P	P	11 21 25.9	+0.5
S57A	Dark Hollow, R	57.90	353	P	I Amb	11 21 26.3	+0.8
S57A	Dark Hollow, R	57.90	353	P	I Amb	11 21 27.7	
T51A	Gray	57.93	348	P	P	11 21 25.8	+0.1
R58B	Mineral	57.98	354	P	P	11 21 27.0	+1.1
R58B	Mineral	57.98	354	P	I Amb	11 21 27.1	+1.1
R58B	Mineral	57.98	354	P	I Amb	11 21 29.0	
WVT	Waverly	58.02	344	P	P	11 21 25.9	-0.4
WVT	Waverly	58.02	344	P	P	11 21 25.8	-0.4
WVT	Waverly	58.02	344	P	I Amb	11 21 25.9	-0.4
WVT	Waverly	58.02	344	P	I Amb	11 21 35.0	
UALR	University of	58.10	339	P	P	11 21 27.7	+0.8
UALR	University of	58.10	339	P	I Amb	11 21 29.6	
S55A	Lewisburg	58.12	351	P	P	11 21 27.9	+0.8
R59A	King George, V	58.14	354	P	P	11 21 27.8	+0.7
T50A	Nancy	58.16	347	P	P	11 21 27.0	-0.3
S54A	Dingess, Beckl	58.27	350	P	P	11 21 27.9	-0.2
TX32	Lajitas Array	58.27	326	P	P	11 21 29.2	+0.9
TXAR	Lajitas Array	58.27	326	P	P	11 21 29.5	+1.2

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TXAR	Lajitas Array	58.27	326	P	P	11 21 28.9	+0.6
TXAR	Lajitas Array	58.27	326	P	P	11 21 28.9	+0.6
TX31	Lajitas Ar. Si	58.27	326	P	P	11 21 29.1	+0.7
S53A	Williamson	58.29	350	P	P	11 21 28.0	+0.6
MIAR	Mount Ida	58.31	338	P	P	11 21 29.2	+0.8
MIAR	Mount Ida	58.31	338	P	P	11 21 28.9	+0.5
MIAR	Mount Ida	58.31	338	P	I Amb	11 21 29.2	+0.8
MIAR	Mount Ida	58.31	338	P	I Amb	11 21 38.5	
R58A	Rapid	58.33	354	P	P	11 21 29.5	+1.1
R57A	Stanardsville	58.38	353	P	P	11 21 30.4	+1.6
T49A	Edmonton	58.40	346	P	P	11 21 28.8	-0.1
W41B	Gary Mavity, V	58.43	340	P	P	11 21 29.0	-0.1
S51A	Beattyville	58.51	348	P	P	11 21 30.0	+0.3
WHAR	Woolly Hollow	58.55	340	P	P	11 21 30.0	0.0
WHAR	Woolly Hollow	58.55	340	P	I Amb	11 21 44.1	
R55A	Marlinton	58.57	352	P	P	11 21 30.8	+0.6
R55A	Marlinton	58.57	352	P	P	11 21 30.4	+0.2
R55A	Marlinton	58.57	352	P	I Amb	11 21 34.9	
R54A	Victor	58.59	351	P	P	11 21 30.6	+0.2
R56A	Bull Pasture M	58.59	352	P	P	11 21 31.1	+0.7
T47A	Sharon Grove	58.65	345	P	I Amb	11 21 30.8	+0.1
T47A	Sharon Grove	58.65	345	P	I Amb	11 21 40.0	
S50A	Richmond	58.71	348	P	P	11 21 30.9	-0.2
HICK	Hickman	58.78	343	P	P	11 21 31.9	+0.3
R53A	Hurricane	58.89	350	P	P	11 21 32.4	+0.1
LCAR	Lake Charles	58.91	341	P	P	11 21 32.8	+0.3
Q58A	Fox Den Farm	58.93	354	P	P	11 21 33.5	+0.9
W39A	Magazine	58.97	338	P	P	11 21 33.8	+0.8
W39A	Magazine	58.97	338	P	I Amb	11 21 33.6	+0.7
W39A	Magazine	58.97	338	P	I Amb	11 21 43.0	
S49A	Springfield	58.99	347	P	P	11 21 34.0	+0.9
R52A	Catlettsburg	59.01	349	P	P	11 21 33.6	+0.4
ABTX	Abilene, Hawle	59.04	332	P	P	11 21 34.0	+0.4
ABTX	Abilene, Hawle	59.04	332	P	I Amb	11 21 33.5	-0.1
ABTX	Abilene, Hawle	59.04	332	P	I Amb	11 21 51.3	
FCAR	Ozark Folk Cen	59.05	340	P	P	11 21 33.6	+0.1
T45A	Paducah	59.07	344	P	P	11 21 34.2	+0.6
Q57A	Strasburg	59.10	353	P	P	11 21 35.2	+1.4
R51A	Hilltop	59.15	348	P	P	11 21 35.3	+1.2
Q56A	Snyder Ridge,	59.19	353	P	P	11 21 35.9	+1.5
Q56A	Snyder Ridge,	59.19	353	P	P	11 21 35.8	+1.4
Q55A	Buckhannon	59.25	352	P	P	11 21 36.3	+1.3
R50A	Paris	59.27	348	P	P	11 21 35.0	-0.1
Q53A	Leroy	59.34	350	P	P	11 21 36.1	+0.7
PBMO	Poplar Bluff	59.35	342	P	P	11 21 35.3	-0.3
PBMO	Poplar Bluff	59.35	342	P	I Amb	11 21 36.5	
Q54A	Coxs Mills	59.36	351	P	P	11 21 36.1	+0.6
Q54A	Coxs Mills	59.36	351	P	I Amb	11 21 36.8	
Q54A	Coxs Mills	59.36	351	P	I Amb	11 21 37.2	+1.1
P58A	Wackersv	59.46	347	P	P	11 21 36.4	+0.1
P59A	Jarrettsville	59.48	355	P	P	11 21 37.2	+0.9
P57A	Homestead Farm	59.50	354	P	P	11 21 37.4	+0.8
P57A	Homestead Farm	59.50	354	P	I Amb	11 21 37.8	+1.3
Q52A	Bidwell	59.56	350	P	P	11 21 36.8	-0.1
P56A	Dayton Farm, R	59.61	353	P	P	11 21 38.0	+0.7
P60A	Greenville	59.62	356	P	P	11 21 37.8	+0.4
WCI	Wyandotte Cave	59.64	346	P	P	11 21 37.2	-0.3
U40A	Yellville	59.71	340	P	P	11 21 38.4	+0.3
U40A	Yellville	59.71	340	P	I Amb	11 21 38.5	+0.5
U40A	Yellville	59.71	340	P	I Amb	11 21 39.6	
USIN	University of	59.72	345	P	P	11 21 38.1	0.0
P55A	Reedsville	59.73	352	P	P	11 21 39.0	+0.8
Q50A	Georgetown	59.75	348	P	P	11 21 38.5	+0.2
T42A	Van Buren	59.78	341	P	P	11 21 38.5	0.0
Q51A	Peebles	59.81	349	P	P	11 21 38.4	-0.3
MVL	Millersville	59.86	355	P	P	11 21 40.1	+1.1
MVL	Millersville	59.86	355	P	I Amb	11 21 41.2	
S44A	Carbondale	59.87	343	P	P	11 21 39.5	+0.3
SIUC	Southern illin	59.88	343	P	I Amb	11 21 39.7	+0.5
SIUC	Southern illin	59.88	343	P	I Amb	11 21 57.0	
MCWV	Mont Chateau	59.88	352	P	P	11 21 39.5	+0.3
P54A	Burton	59.93	352	P	P	11 21 40.1	+0.7
P53A	Whipple	59.95	351	P	P	11 21 40.1	+0.6
P53A	Whipple	59.95	351	P	I Amb	11 21 39.6	0.0
P53A	Whipple	59.95	351	P	I Amb	11 21 41.1	
X34A	Smith Ranch, O	59.97	335	P	P	11 21 41.1	+1.2
X34A	Smith Ranch, O	59.97	335	P	I Amb	11 22 00.3	
HHAR	Hobbs	60.01	339	P	P	11 21 40.1	-0.1
HHAR	Hobbs	60.01	339	P	I Amb	11 21 42.7	
O58A	Lewisberry	60.03	355	P	P	11 21 40.5	+0.3
W35A	Tecum						

HRV	Adam Dzewonsk	62.16 360	P	P	11 21 54.1 -0.5
HRV	comp=Z,35nm,1.0s				
HRV	Adam Dzewonsk	62.16 360	P	P	11 21 55.0 +0.4
HRV	baz=172				
HRV	Adam Dzewonsk	62.16 360	P	P	11 21 54.1 -0.5
L53A	Girard	62.20 352	P	P	11 21 54.9 0.0
L55A	Hinsdale	62.21 354	P	P	11 21 55.8 +0.8
M49A	Liberty Center	62.30 349	P	P	11 21 55.5 0.0
K62A	Royalston	62.32 359	P	P	11 21 56.5 +0.8
ERPA	Erie	62.33 352	P	P	11 21 56.4 +0.7
ERPA	Erie	62.33 352	P	P	11 21 56.2 +0.5
K63A	Dunstable	62.34 360	P	P	11 21 56.7 +0.9
K61A	Williamstown	62.35 358	P	P	11 21 56.9 +1.0
L54A	Sinclairville	62.36 353	P	P	11 21 56.3 +0.4
P40A	Paris	62.37 342	P	P	11 21 55.8 -0.2
P40A	comp=Z,9.5nm,0.8s				11 21 56.7
VNA1	Neumayer-Stiat	62.38 160	P	P	11 21 58.2 +2.4
TRY	Troy	62.43 358	P	P	11 21 58.1 +1.8
WVNY	West Valley, N	62.45 354	P	P	11 21 57.9 +1.3
M47A	Cromwell	62.50 348	P	P	11 21 56.5 -0.4
K59A	Cooperstown	62.52 357	P	P	11 21 57.9 +0.8
K58A	Earlville	62.56 356	P	P	11 21 58.0 +0.7
K58A	Earlville	62.56 356	P	P	11 21 58.2 +0.9
K57A	Scipio Center	62.59 355	P	P	11 21 57.9 +0.4
K56A	Middlesex	62.62 355	P	P	11 21 58.3 +0.6
K54A	Basilliko Farm,	62.66 354	P	P	11 21 58.9 +0.9
MMNY	Mt. Morris Dam	62.71 354	P	P	11 21 59.3 +1.1
K55A	Perry	62.72 354	P	P	11 21 58.9 +0.6
VNA2	Neumayer-Watz	62.74 161	P	P	11 21 59.7 +1.5
L48A	N Adams	62.84 349	P	P	11 21 59.3 +0.2
L49A	Milan	62.88 349	P	P	11 21 59.6 +0.2
P38A	Dawn	62.91 341	P	P	11 21 59.5 -0.1
P38A	comp=Z,12nm,0.9s				11 22 00.9
J63A	Stratford	62.93 360	P	P	11 22 00.6 +0.9
J61A	Chester	63.01 359	P	P	11 22 01.6 +1.3
ACCN	Adirondack Com	63.08 358	P	P	11 22 01.8 +1.1
N41A	Harden Midland	63.13 343	P	P	11 22 00.5 -0.6
N41A	comp=Z,15nm,0.8s				11 22 01.5 +0.4
J58A	Renssen	63.13 356	P	P	11 22 01.6 +0.4
J56A	Wolcott	63.16 355	P	P	11 22 02.2 +1.0
J56A	Wolcott	63.16 355	P	P	11 22 02.0 +0.6
MEDO	Medina	63.19 354	P	P	11 22 04.5
MEDO	comp=Z,23nm,0.9s				11 22 02.4 +0.9
J59A	Piesco	63.20 357	P	P	11 22 02.4 +0.9
J59A	Piesco	63.20 357	P	P	11 22 02.4 +0.9
J57A	Williamstown	63.23 356	P	P	11 22 02.7 +1.0
J57A	Williamstown	63.23 356	P	P	11 22 02.4 +0.7
J57A	comp=Z,23nm,0.9s				11 22 03.5
J55A	Hilton	63.23 354	P	P	11 22 02.2 +0.5
K50A	Casport	63.34 350	P	P	11 22 02.6 +0.1
HNH	Hanover	63.36 359	P	P	11 22 03.8 +1.2
H58A	Old Forge	63.44 357	P	P	11 22 03.8 +0.6
J52A	Paris	63.49 352	P	P	11 22 03.7 +0.3
I59A	Olmsteadville	63.50 358	P	P	11 22 04.4 +0.9
I60A	Shoreham	63.53 358	P	P	11 22 04.8 +1.1
I61A	Oroborot, Fair	63.59 359	P	P	11 22 04.3 +0.2
K48A	Perry	63.62 349	P	P	11 22 04.3 0.0
R32A	Long Quarter,	63.64 336	P	P	11 22 05.6 +1.0
R32A	comp=Z,14nm,0.8s				11 22 06.5
K47A	Vermontville	63.65 349	P	P	11 22 04.5 0.0
NCB	Newcomb	63.69 357	P	P	11 22 05.7 +0.9
NCB	comp=Z,30nm,1.4s				11 22 08.0
I57A	Carthage	63.73 356	P	P	11 22 05.4 +0.4
L44A	Lake County Fo	63.78 346	P	P	11 22 05.6 +0.3
L44A	Lake County Fo	63.78 346	P	P	11 22 05.2 -0.1
PECO	Prince Edward	63.82 355	P	P	11 22 05.3 -0.2
PECO	comp=Z,23nm,0.9s				11 22 08.6
N38A	Joeh South Fo	63.89 341	P	P	11 22 06.6 +0.5
N38A	comp=Z,12nm,0.7s				11 22 15.5
LBNH	Lisbon	63.89 359	P	P	11 22 07.3 +1.2
LBNH	comp=Z,46nm,1.2s				
LBNH	Lisbon	63.89 359	P	P	11 22 07.3 +1.2
J48A	Bridge Port	64.04 350	P	P	11 22 07.4 +0.4
J48A	comp=Z,27nm,1.1s				11 22 07.9
J48A	Bridge Port	64.04 350	P	P	11 22 06.7 -0.4
I51A	Listowel	64.12 352	P	P	11 22 07.8 +0.2
H58A	Gabriels	64.13 357	P	P	11 22 08.4 +0.7
I55A	Frankford	64.16 355	P	P	11 22 08.4 +0.7
ANMO	Albuquerque	64.16 328	eP	P	11 22 09.0 +0.7
ANMO	comp=Z,10.0nm,2.4s				
J47A	Summer	64.16 349	P	P	11 22 07.4 -0.4
J47A	Summer	64.16 349	P	P	11 22 07.5 -0.4
J47A	comp=Z,22nm,0.9s				11 22 08.6
H61A	Lyndonville	64.19 359	P	P	11 22 08.9 +0.9
H62A	Milan	64.22 360	P	P	11 22 07.9 -0.4
H60A	Morristown	64.23 359	P	P	11 22 09.3 +1.0
H57A	Richville	64.24 357	P	P	11 22 09.4 +1.1
H64A	Troy	64.31 1	P	P	11 22 10.1 +1.4
H59A	Cadyville	64.34 358	P	P	11 22 10.0 +1.0
SNA4	Sanae	64.36 161	P	P	11 22 10.3 +1.3
SNA4	Sanae	64.36 161	P	P	11 22 09.8 +0.8
SNA4	comp=Z,24nm,1.4s				
SNA4	Sanae	64.36 161	P	P	11 22 09.8 +0.8
SNA4	comp=Z,24nm,1.4s				11 22 11.7
CBKS	Cedar Bluff	64.38 335	P	P	11 22 10.4 +0.9
CBKS	comp=Z,38nm,1.4s				
CBKS	Cedar Bluff	64.38 335	P	P	11 22 10.6 +1.1
CBKS	Cedar Bluff	64.38 335	P	P	11 22 10.4 +0.9
H56A	Elgin	64.42 356	P	P	11 22 10.3 +0.8
H55A	Tweed	64.45 355	P	P	11 22 10.1 +0.4
DELO	Deloro Mine	64.45 355	P	P	11 22 10.6 +0.8
L40A	Anamosa	64.49 343	P	P	11 22 10.3 +0.3

L40A	comp=Z,23nm,1.1s				
I49A	Point Hope	64.51 351	P	P	11 22 10.4 +0.3
FRNY	Flat Rock	64.53 358	P	P	11 22 11.1 +0.8
H53A	Bobbyageon	64.60 354	P	P	11 22 11.2 +0.5
N35A	Tabor	64.71 340	P	P	11 22 11.6 +0.1
G60A	Masonville	64.76 359	P	P	11 22 12.6 +0.9
G63A	Kingsbury	64.78 1	P	P	11 22 12.5 +0.7
H52A	Wyevale	64.80 353	P	P	11 22 12.2 +0.2
SADO	Sadowa	64.85 354	P	P	11 22 12.7 +0.4
SADO	comp=Z,21nm,0.8s				11 22 13.7
G57A	Newington	64.85 357	P	P	11 22 13.1 +0.8
G58A	Ormsdown	64.86 358	P	P	11 22 13.5 +1.1
I47A	Gladwin	64.86 349	P	P	11 22 12.5 +0.1
G62A	West of Eustis	64.87 0	P	P	11 22 13.4 +1.0
G62A	West of Eustis	64.87 0	P	P	11 22 13.4 +1.0
I48A	Sherman Twp	64.89 350	P	P	11 22 12.8 +0.2
SCIA	State Center	64.90 342	P	P	11 22 13.0 +0.3
SCIA	State Center	64.90 342	P	P	11 22 13.1 +0.4
SCIA	comp=Z,19nm,0.8s				11 22 14.1
G65A	Princeton	64.92 3	P	P	11 22 14.0 +1.3
PLVO	Plevna	64.92 355	P	P	11 22 13.5 +0.7
PLVO	comp=Z,13nm,1.1s				11 22 14.2
PKME	Peaks-Kenny Pl	64.93 1	P	P	11 22 13.8 +1.0
G61A	St-Isidore-de-	64.93 360	P	P	11 22 13.7 +0.9
G64A	Maxfield	64.93 2	P	P	11 22 14.1 +1.3
I46A	Reed City	64.96 349	P	P	11 22 13.8 +0.8
JFWS	Jewel Farm	65.03 344	P	P	11 22 13.8 +0.2
G55A	Calabogie	65.11 356	P	P	11 22 14.4 +0.4
G53A	Hairton	65.14 354	P	P	11 22 14.9 +0.6
214A	Organ Pipe Nat	65.35 321	P	P	11 22 15.5 -0.5
G54A	Lake Saint Pet	65.37 355	P	P	11 22 16.3 +0.6
F64A	Sherman	65.56 2	P	P	11 22 18.1 +1.2
F60A	Warwick	65.62 359	P	P	11 22 18.2 +0.9
F61A	St Evariste	65.62 360	P	P	11 22 18.2 +0.9
X18A	Snowflake	65.65 325	P	P	11 22 18.4 +0.4
KSCO	Kaye Shedlock	65.72 333	P	P	11 22 19.1 +0.8
KSCO	Kaye Shedlock	65.72 333	P	P	11 22 19.3 +1.0
KSCO	comp=Z,13nm,0.9s				11 22 21.4
F52A	Sundridge	65.88 354	P	P	11 22 19.1 +0.2
ALGO	Algonquin Park	65.92 355	P	P	11 22 19.8 +0.6
L34A	Svensden Farm,	65.94 340	P	P	11 22 19.6 +0.1
SDCO	Great Sand Dun	65.95 331	P	P	11 22 20.8 +0.8
SDCO	Great Sand Dun	65.95 331	P	P	11 22 21.3 +1.3
SDCO	comp=Z,12nm,1.1s				11 22 24.1
TRQ	Mont Tremblant	65.95 357	P	P	11 22 20.2 +0.7
E60A	Ste Agathe de	66.02 360	P	P	11 22 20.4 +0.6
BGNE	Belgrade	66.05 338	P	P	11 22 20.8 +0.5
BGNE	Kosan Boka	66.05 338	P	P	11 22 20.7 +0.5
E58A	La Victoria	66.05 358	P	P	11 22 20.7 +0.5
G45A	Suttons Bay	66.06 349	P	P	11 22 20.7 +0.6
F51A	Arnstein	66.08 353	P	P	11 22 20.5 +0.3
E61A	Lac Etchemin	66.08 0	P	P	11 22 21.0 +0.7
E63A	Oxbow	66.11 2	P	P	11 22 21.1 +0.7
E57A	Chemin Saint G	66.12 358	P	P	11 22 21.5 +0.9
E64A	Bridgewater	66.13 2	P	P	11 22 21.7 +1.1
G46A	Petoskey	66.18 349	P	P	11 22 21.1 +0.1
E56A	St. Veronique	66.29 357	P	P	11 22 22.4 +0.8
E52A	Mattawa	66.30 354	P	P	11 22 22.5 +0.9
E53A	Dumoine, Ponti	66.30 355	P	P	11 22 21.9 +0.2
E54A	Lac Daplat, Po	66.32 355	P	P	11 22 22.7 +0.9
F48A	Evansville	66.32 351	P	P	11 22 22.1 +0.3
X16A	Lo Mia Camp, P	66.37 324	P	P	11 22 23.7 +1.1
D60A	Saint Jean D'O	66.56 0	P	P	11 22 24.2 +0.9
S22A	4UR Ranch, Cre	66.57 330	P	P	11 22 25.1 +1.1
E51A	E1948 Merrick	66.63 354	P	P	11 22 24.0 +0.3
F45A	CMU Biological	66.65 349	P	P	11 22 24.2 +0.2
D57A	Chemin Vers le	66.72 358	P	P	11 22 25.2 +0.9
D63A	Stockholm	66.74 2	P	P	11 22 25.2 +0.8
D62A	Allapoint, All	66.75 1	P	P	11 22 25.2 +0.7
D62A	Allapoint, All	66.75 1	P	P	11 22 25.4 +0.9
D62A	comp=Z,23nm,1.0s				11 22 43.5
D58A	Chemin du Lac G	66.77 359	P	P	11 22 25.4 +0.8
Q24A	Divide	66.78 332	P	P	11 22 26.6 +1.2
D56A	ZEO Mazanza, M	66.78 357	P	P	11 22 25.5 +0.7
D55A	Sainte-Anne-du	66.79 357	P	P	11 22 25.4 +0.6
I37A	Lemond, Waseca	66.90 343	P	P	11 22 26.0 +0.4
I37A	comp=Z,19nm,0.8s				11 22 26.9
E48A	Lockeyer	66.90 352	P	P	11 22 25.6 +0.1
D54A	Lac Fusel, La	67.00 356	P	P	11 22 26.3 +0.2
D53A	Lac Vacive, Po	67.00 355	P	P	11 22 26.7 +0.5
D53A	Lac Vacive, Po	67.00 355	P	P	11 22 26.3 +0.2
D53A	comp=Z,9.5nm,0.8s				11 22 27.4
E47A	Iron Bridge	67.03 351	P	P	11 22 26.6 +0.2
LATQ	La Tuque	67.05 359	P	P	11 22 27.3 +0.9
BATG	Bathurst New B	67.07 4	P	P	11 22 27.4 +0.8
BATG	comp=Z,23nm,1.1s				11 22 36.4
E46A	Sault Ste Marri,	67.11 350	P	P	11 22 26.3 -0.5
E46A	comp=Z,13nm,1.0s				11 22 27.1
D51A	Lot 18 Range I	67.17 354	P	P	11 22 27.3 +0.2
D50A	G1974 Best Tow	67.29 353	P	P	11 22 28.4 +0.4
K31A	O'Neill	67.33 336	P	P	11 22 29.6 +1.2
D48A	Paudash Townsh	67.53 352	P	P	11 22 29.7 +0.2
ECSD	EROS Data Cent	67.61 340	P	P	11 22 30.6 +0.5

ECSD	EROS Data Cent	67.61 340	P	P	11 22 30.5 +0.4
ECSD	comp=Z,				

Table of astronomical observations for 2d 11h, listing stations like FXWV, ULM, and KEST with their respective coordinates and observation details.

Table of astronomical observations for 2014 APR, listing stations like SUMG, CTGM, A36M, and KEST with their respective coordinates and observation details.

Table of astronomical observations for 2014 APR, listing stations like KSAR, CMAR, and GMAJ with their respective coordinates and observation details.

Summary text for the 2014 APR observations, including coordinates and observation parameters.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Listing stations like UGM, YOGI, and GRESIK.

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Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res. Listing stations like UGM, YOGI, and GRESIK.

Table with columns: Station Name, Azimuth, Elevation, P, S, N, Time, Res. Includes stations like NEM2, JOMM, JTKR.

INET 02 11:40:57.3, 10.86N, 87.38W, h15km, ML3.7
IDC 02 11:41:02.3, 2.0, 11.78N, 87.26W, h0km, mb3.4/4,
mb1.3/8.7, mb1mx3.6/3.1, mbtm3.6/5.7, ML3.1/3, Error
ellipse: s-maj=65.2km s-min=22.6km az=39.0

UCR 02 11:41:06.1, 1.2, 11.28N, 87.30W, h107km, 101km, MD4.3,
mb4.2(NEIC)

NEIC 02 11:41:06.4, 0.8, 11.60N, 07.87, 42W, 0.08, h35km, 8km,
bz4.2/16, Error ellipse: s-maj=14.1km s-min=6.6km
az=54.0

SNET 02 11:41:07.5, 1.0, 11.58N, 87.49W, h35km, 99km, ML2.6
ISC 02 11:41:05.9, 1.0, 11.49N, 01.87, 41W, 0.1, h37km, n36,
c699/41, mb4.1/12, Near coast of Nicaragua

Main station list for the first section, including Cosiguina Volc, Las Juntas, Las JDC, etc.

IDC 02 11:43:12.4, 1.5, 14.35N, 56.16E, h0km, mb3.9/10,
mb1.4/1.0, mb1mx3.8/4.5, mbtm3.9/10, MS3.0/1,
Ms1.3/0.1, ms1mx2.7/3.0, Error ellipse: s-maj=39.9km
s-min=23.5km az=56.0

NEIC 02 11:43:14.2, 0.8, 14.44N, 01.56, 19E, 0.09, h10km, 1km,
mb4.2/7, Error ellipse: s-maj=16.1km s-min=14.9km
az=354.0

ISC 02 11:43:14.5, 0.7, 14.33N, 01.56, 19E, 0.1, h18km, n24,
c694/24, mb4.1/13, Owen Fracture Zone region

Main station list for the second section, including Socotra, Arta Tunnel, Alibek, etc.

SJA 02 11:53:04.8, 0.6, 19.93S, 71.26W, h13km, 3km, ML4.1,
MW4.2

NEIC 02 11:53:09.8, 20.02S, 71.00W, h18km, Moment Tensor
Solution, Moment tensor: Scale 1015Nm, M1: 8.1;
M2: 0.01; M3: 1.80; M4: 0.21; M5: 0.81; M6: 1.3; Fault
plane solution: M1: 90.000; 101.5 NP1: 101.810000;
645.06000; 1.77.06000; NP2: 34.72000; 846.38000;
1.02.65000; Principal axes: T: 1.8466, Plg1: 0.0000;
Az335.0000; N: 0.2649, Plg9.0000; Az159.0000; P:
-2.1115, Plg1: 0.0000; Az69.0000;

IDC 02 11:53:09.5, 0.8, 19.89S, 70.73W, h0km, mb3.9/7,

mb1.4/1.0, mb1mx4.0/2.0, mbtm3.9/10, ML3.9/3, MS3.5/1,
Ms1.3/5.1, ms1mx3.0/2.2 Error ellipse: s-maj=28.9km
s-min=14.8km az=55.0
NEIC 02 11:53:11.4, 1.8, 20.04S, 0.04, 70.88W, 0.05, h18km, 1km,
mb4.3/4, Mw4.4, 1/32, ML4.3(GUC), Error ellipse:
s-maj=8.1km s-min=6.5km az=267.0
GUC 02 11:53:11.4, 0.7, 19.99S, 70.92W, h39km, 2km, ML4.3
VAO 02 11:53:16.6, 1.0, 20.00S, 70.72W, h0km, 6km, mb4.2
ISC 02 11:53:10.4, 1.5, 20.00S, 0.03, 70.91W, 0.05, h12km, 8km,
n97, c1928/15, mb4.1/8, 3C-3D, Near coast of northern
Chile

Main station list for the second section, including Pisagua, Diego Aracena, IOPC Station P, etc.

Table with columns: Station Name, Azimuth, Elevation, P, S, N, Time, Res. Includes stations like LONY, K31A, PDAR, etc.

IDC 02 12:11:43.5, 1.2, 19.35S, 70.81W, h0km, mb3.8/3,
mb1.4/0.5, mb1mx3.7/2.9, mbtm3.9/5.7, ML4.2/2, Error
ellipse: s-maj=42.4km s-min=26.7km az=94.0
GUC 02 12:11:49.3, 0.7, 19.51S, 70.61W, h32km, 3km, ML3.9
ISC 02 12:11:46.0, 2.2, 19.37S, 0.05, 70.73W, 0.08, h14km, 13km,
n97, c141/28, mb4.3/1.1C, Near coast of northern Chile

Main station list for the third section, including Pisagua, IOPC Station P, Minmie Minye, etc.

2d 12h

ZALV Zalesovo Beam 18.99 25 P P 12 27 43.4 -2.6
YKA Yellowknife Arr 80.28 3 P P 12 35 31.1 -2.2

UPP 02 12:25:59.7z 0.5, 59.45N; 10.37E, hOkm, ML3.4, Suspected explosion
IDC 02 12:26:00.2z 1.9, 59.48N; 10.00E, hOkm, mb1 3.6/3, mb1mx3.1/64, mbtmp3.5/3, ML3.3/3, Error ellipse: s-maj=19.8km s-min=12.8km az=85.0

OSL Oslo 0.55 11 Pg Pb 12 26 12.1 -0.2
OSL Oslo 0.55 11 Lg Lg 12 26 19.3
OSL Oslo 0.55 11 Lg Pb 12 26 12.0 -0.2

FINU Finntorp 1.00 89 P S Pb 12 26 19.9 0.0
FINU Finntorp 1.00 89 P S Pb 12 26 19.9 +0.2
FINU Vaenersborg 1.21 138 P S Pb 12 26 23.6 +0.1

NORSAR Subarra 1.44 19 Lg Lg 12 26 27.6 +0.3
NORSAR Subarra 1.44 19 P S Sn 12 26 27.6 +0.3
NORSAR Array S 1.44 20 IAML 12 26 27.5 +0.2

NORSAR Subarra 1.44 6 Pg Lg 12 26 27.7 +0.3
NASU Vaermlandsnaes 1.45 108 P Lg 12 26 27.9 +0.3
NASU Vaermlandsnaes 1.45 108 P S Sn 12 26 27.9 +0.3

HOMB Homborsund 1.54 224 P Lg 12 26 28.3 +0.2
HOMB Homborsund 1.54 224 P S Sn 12 26 28.3 +0.2
HOMB Homborsund 1.54 224 P S Sn 12 26 28.3 +0.2

NORSAR Subarra 1.69 12 P S 12 26 31.2 +0.8
NOA NORSAR Array B 1.69 12 Pg Pn 12 26 30.4 0.0
NOA NORSAR Array B 1.69 12 Pg Pn 12 26 30.4 0.0

SKAR Skarslia 1.70 320 eP S 12 26 31.4 +0.7
NB21 NORSAR Array S 1.70 13 IAML 12 26 57.1
UDD Uddeholm 1.71 65 P Pb 12 26 31.6 -0.4

HFS Hagfors 1.77 64 Pn Pb 12 26 32.4 +0.9
HFS Hagfors 1.77 64 Pn Pb 12 26 32.4 +0.9
HFS Hagfors 1.77 64 Pn Pb 12 26 32.4 +0.9

NORSAR Subarra 1.79 19 Pn Pn 12 26 32.6 +0.7
NC4 NORSAR Subarra 1.79 19 Lg Lg 12 26 32.6 +0.7
NC4 NORSAR Subarra 1.79 19 Lg Lg 12 26 32.6 +0.7

NORSAR Array S 1.88 13 IAML 12 27 02.1
NC21 NORSAR Array S 1.89 4 IAML 12 27 01.7
NC2 NORSAR Subarra 1.90 5 Pn Pn 12 26 34.0 +0.6

NORSAR Subarra 1.92 13 Pn Pb 12 26 34.3 +0.6
NC3 NORSAR Subarra 1.92 13 Pn Pb 12 26 34.3 +0.6
NC3 NORSAR Subarra 1.92 13 Pn Pb 12 26 34.3 +0.6

BL55 Blasjo 2.08 272 eP S 12 26 36.5 +0.7
FKPU Falk 2.08 125 Pn Pn 12 26 36.2 +0.4
FKPU Falk 2.08 125 Pn Pn 12 26 36.2 +0.4

BSD Bornholm Skovb 4.91 149 i P 12 27 14.0
FIAO FINESS Array S 7.97 68 Pn Pn 12 27 57.7 +1.1
FIAO FINESS Array S 7.97 68 Pn Pn 12 27 57.7 +1.1

FINES FINESS Array B 7.97 68 Pn Pn 12 27 58.2 +1.6
FINES FINESS Array B 7.97 68 Pn Pn 12 27 58.2 +1.6
EKA Eskdalemur Arr 8.44 247 Pn Pn 12 28 01.3 -1.7

ARAO ARCES Array S 12.00 26 Pn Pn 12 28 49.3 -2.5
ARAO ARCES Array S 12.00 26 Pn Pn 12 28 49.3 -2.5
ARCES ARCES Array B 12.00 26 Pn Pn 12 28 49.2 -2.6

IDC 02 12:30:23.2z 1.0, 19.75S; 70.70W, hOkm, mb3.9/4, mb1 4.2/6, mb1mx3.9/22, mbtmp4.0/6, ML3.8/2, MS3.5/4, Ms1 3.5/4, ms1mx3.2/20, Error ellipse: s-maj=34.4km s-min=16.2km az=63.0

PSGC Pisagua 0.70 69 i P S 12 30 38.6 -0.4
PSGC Pisagua 0.70 69 i P S 12 30 38.6 -0.4
TA01 Diego Aracena 0.93 140 i P S 12 30 43.1 +0.1

IPOC Station P 1.09 86 i P S 12 30 59.6 -0.4
IPOC Station P 1.09 86 i P S 12 30 59.6 -0.4
IPOC Station P 1.09 86 i P S 12 30 59.6 -0.4

IPOC Station P 1.31 21 Pn Pn 12 30 49.0 +0.1
MNMC Minye Minye 1.35 59 i P S 12 30 49.7 0.0
MNMC Minye Minye 1.35 59 i P S 12 30 49.7 0.0

IPOC Station P 1.59 101 i P S 12 30 53.7 +0.7
IPOC Station P 1.59 101 i P S 12 30 53.7 +0.7
IPOC Station P 1.59 101 i P S 12 30 53.7 +0.7

IPOC Station P 1.72 134 i P S 12 30 55.4 +0.8
IPOC Station P 1.72 134 i P S 12 30 55.4 +0.8
IPOC Station P 1.72 134 i P S 12 30 55.4 +0.8

IPOC Station P 1.94 40 Pn Pn 12 30 58.8 +0.7
IPOC Station P 2.06 155 i P S 12 31 05.9 +0.1
IPOC Station P 2.06 155 i P S 12 31 05.9 +0.1

IPOC Station P 2.44 143 Pn Pn 12 31 06.1 +1.6
IPOC Station P 2.55 166 Pn Pn 12 31 05.4 -0.7
IPOC Station P 2.55 166 Pn Pn 12 31 05.4 -0.7

IPOC Station P 3.57 160 Pn Pn 12 31 19.8 -0.4
IPOC Station P 3.67 176 Pn Pn 12 31 19.8 -0.4
IPOC Station P 3.67 176 Pn Pn 12 31 19.8 -0.4

IPOC Station P 4.36 36 Pn Pn 12 31 34.9 +3.5
IPOC Station P 4.47 175 Pn Pn 12 31 35.1 -1.7
IPOC Station P 4.71 168 Pn Pn 12 31 44.6 -0.9

IPOC Station P 5.26 166 Pn Pn 12 31 47.7 -1.1
IPOC Station P 5.26 166 Pn Pn 12 31 47.7 -1.1
IPOC Station P 5.26 166 Pn Pn 12 31 47.7 -1.1

PINADALE Pinedale Array 71.80 331 P P 12 41 48.0 -0.9
PINADALE Pinedale Array 71.80 331 P P 12 41 48.0 -0.9
PINADALE Pinedale Array 71.80 331 P P 12 41 48.0 -0.9

YNE Yellowstone No 73.76 332 P P 12 41 58.4 -0.4
YHH Holmes Hill 73.96 332 P P 12 42 02.3 +2.3
PAHR Pah Rah Range 74.59 323 P P 12 42 03.0 -0.5

WAKE ISLAND Hyl 25.89 279 T T 15 08 44.3
WAKE ISLAND Hyl 25.89 279 T T 15 08 44.3
WAKE ISLAND Hyl 25.89 279 T T 15 08 44.3

WAKE ISLAND Hyl 25.90 279 T T 15 08 45.1
WAKE ISLAND Hyl 25.90 279 T T 15 08 45.1
WAKE ISLAND Hyl 25.90 279 T T 15 08 45.1

WAKE ISLAND Hyl 25.94 280 T T 15 08 46.5
WAKE ISLAND Hyl 25.94 280 T T 15 08 46.5
WAKE ISLAND Hyl 25.94 280 T T 15 08 46.5

WAKE ISLAND Hyl 25.94 280 T T 15 08 47.5
WAKE ISLAND Hyl 25.94 280 T T 15 08 47.5
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WAKE ISLAND Hyl 25.94 280 T T 15 08 47.5

Table with columns: NRK, Nori'sk, 61.12 346 P, 12 41 03.9 +0.5, etc.

Table with columns: KBTR, Krutoberegovo, 3.19 23 PN, 12 34 04.2 +0.6, etc.

Table with columns: G001, Chusmiza, 1.41 86 Pn, 13 01 23.0 +0.3, etc.

KRSC 02 12:33:14.0 0.9 53:30N:160:59E, h48km, 9km, ML4.3, MOS 02 12:33:15.2 0.6 53:27N:160:60E, h49km, mb3.9/2, Error ellipse: s-maj=1.7km s-min=4.4km az=76.8

ILAR Elieison Array 28.47 46 P, H1N2 WAKE ISLAND Hy 33.87 169 T, H1N1 WAKE ISLAND Hy 33.89 169 T

Table with columns: PB16, IPOC Station P, 1.82 38 Pn, 13 01 30.4 -0.9, etc.

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

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

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

ISDC 02 12:33:15.9 0.9 53:31N:0:03:160:54E, 0:04, h42km, 8km, n106, e1923/141, mb3.6/14, 2D, Near east coast of Kamchatka Peninsula

RSNC 02 12:52:11.0 1.1 8:80N:77:27W, h104km, 10km, ML2.6, RPA 02 12:52:15.3 2.2 9:07N:77:94W, h103km, 63km, MW3.4

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

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

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

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

IDC 02 13:00:55.0 1.5 19:66S:70:50W, h0km, mb4.7/16, mb1 4.8/17, mb1mx3.6/22, Error ellipse: s-maj=19.7km s-min=11.7km az=72.0

NEIC 02 13:00:56.19:79S:70:80W, h26km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm, Mir=7.8, Muz=0.29, Mxy=8.12, Mxz=1.81, Myz=0.90, Mxx=0.56, Fault plane solution: Mb8.250000*10^15 NP13y6.160000*

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

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

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

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

MOS 02 13:00:57.0 1.5 19:58S:70:51W, h20km, mb5.0/33 Error ellipse: s-maj=15.7km s-min=6.7km az=111.5

NEIC 02 13:00:58.3 1.9 19:80S:0:04:70:69W, h0.06, h26km, 1km, mb5.1/247, Mw4.5/39, ML4.8(GUC), Error ellipse: s-maj=10.1km s-min=6.8km az=267.0

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

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

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

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

2d 13h

553A	Crawfordville	51.42	345	P	P	13 10 02.0	+0.7
157A	Early Branch	53.09	349	P	P	13 10 14.5	+0.8
258A	St. Stephen	53.53	350	P	P	13 10 17.7	+0.8
Z57A	Bowman	53.64	350	P	P	13 10 18.2	+0.5
Z56A	Williston	53.79	349	P	P	13 10 19.5	+0.7
152A	Waverly Hall	53.86	345	P	I	13 10 19.1	-0.2
152A				I	Amb	13 10 20.7	
Y60A	Bolivia	53.97	352	P	P	13 10 20.7	+0.6
GOGA	Godfrey	54.29	347	P	P	13 10 22.8	+0.3
Y55A	Saluda	54.47	349	P	P	13 10 24.0	+0.3
Z50A	Ashland	54.71	344	P	P	13 10 25.2	-0.4
Z50A	Ashland	54.71	344	P	P	13 10 24.8	-0.7
Y52A	Libburn	54.85	346	P	P	13 10 27.0	+0.4
X56A	White Oak	54.87	350	P	P	13 10 27.9	+0.3
X55A	Gracelyn & Ava	54.95	349	P	P	13 10 27.4	+0.1
W61A	Ground Anchor	54.99	354	P	P	13 10 28.7	+1.2
HKT	Hockley	55.06	333	P	P	13 10 29.6	+1.6
HKT				pmax	pmax		
W58A	Raeord	55.10	351	P	P	13 10 28.9	+0.6
X54A	Belton	55.16	348	P	P	13 10 29.0	+0.3
X53A	Estanolle	55.30	347	P	P	13 10 29.6	-0.2
W57A	Gilead	55.34	351	P	P	13 10 30.1	0.0
W56A	Indian Trail	55.42	350	P	P	13 10 30.8	+0.2
KM5C	Kings Mountain	55.55	349	P	P	13 10 31.6	+0.1
KM5C	Kings Mountain	55.55	349	P	P	13 10 31.8	+0.2
V61A	Roper	55.55	354	P	P	13 10 32.2	+0.7
V60A	Jim Taylor Roa	55.60	354	P	P	13 10 32.0	+0.2
W54A	Cherokee Point	55.65	349	P	P	13 10 32.7	+0.4
X51A	Calhoun	55.71	346	P	P	13 10 32.7	0.0
V59A	Middlesex	55.71	353	P	P	13 10 32.9	+0.3
V58A	Windy Hill, Pi	55.85	352	P	P	13 10 33.7	+0.1
V58A	Windy Hill, Pi	55.85	352	P	P	13 10 33.8	+0.1
V58A				I	Amb	13 10 35.2	
FPAL	Fort Paine	55.86	345	P	P	13 10 32.7	-1.2
FPAL				I	Amb	13 11 58.6	
W52A	Murphy	56.01	347	P	P	13 10 34.3	-0.6
V57A	Coltrane Farms	56.03	351	P	P	13 10 35.1	+0.1
V56A	Mocksville	56.07	350	P	P	13 10 35.6	+0.3
X48A	Hartselle	56.14	344	P	P	13 10 35.2	-0.6
X48A				I	Amb	13 10 36.5	
V55A	Taylorsville	56.23	350	P	P	13 10 37.0	+0.7
V55A	Taylorsville	56.23	350	P	P	13 10 36.4	0.0
V55A				I	Amb	13 10 38.1	
V54A	Nebro	56.28	349	P	P	13 10 37.4	+0.6
Y45A	Yeager Farm, C	56.30	341	P	P	13 10 37.5	+0.6
Y45A				I	Amb	13 10 39.3	
V53A	Saluda	56.34	348	P	P	13 10 37.4	+0.2
U58A	Oxford	56.37	352	P	P	13 10 38.1	+0.7
W50A	Signal Mountai	56.42	346	P	P	13 10 37.7	-0.1
W50A				I	Amb	13 10 38.7	
CPCT	Cooper Cave	56.48	346	P	P	13 10 37.9	-0.3
CPCT				I	Amb	13 10 39.2	
U57A	Blanch	56.51	352	P	P	13 10 38.9	+0.5
TKL	Tuckaleechee C	56.52	347	P	P	13 10 37.7	-0.8
TKL				pmax	pmax		
TKL	Tuckaleechee C	56.52	347	P	P	13 10 37.7	-0.8
TKL				I	Amb	13 10 39.3	
U56A	King	56.58	351	P	P	13 10 39.8	+0.9
U56A	King	56.58	351	P	P	13 10 39.4	+0.5
U56A				I	Amb	13 10 41.0	
SWET	Sewanee	56.58	345	P	P	13 10 38.3	-0.7
SWET				I	Amb	13 10 39.6	
V52A	Sevierville	56.66	347	P	P	13 10 39.0	-0.5
V52A				I	Amb	13 10 40.4	
V51A	Loudon	56.78	347	P	P	13 10 39.9	-0.4
V51A				I	Amb	13 10 41.2	
T59A	Double "B" Far	56.82	353	P	P	13 10 41.2	+0.6
T59A	Double "B" Far	56.82	353	P	P	13 10 40.3	-0.3
T59A				I	Amb	13 10 42.2	
U55A	TA2, Sparta	56.83	350	P	P	13 10 41.5	+0.7
OXF	Oxford	56.86	342	P	P	13 10 40.5	-0.4
OXF				pmax	pmax		
OXF	Oxford	56.86	342	P	P	13 10 40.9	0.0
OXF	Oxford	56.86	342	P	P	13 10 40.5	-0.4
OXF				I	Amb	13 10 41.6	
T60A	Surry	56.90	354	P	P	13 10 41.7	+0.6
T60A				I	Amb	13 10 42.8	
T60A				I	Amb	13 10 40.8	-0.4
T58A	Grand View Acr	56.91	352	P	P	13 10 41.7	+0.5
PLAL	Pickwick Lake	56.92	343	P	P	13 10 40.4	-0.9
U54A	Nelsons Funny	56.98	349	P	P	13 10 42.3	+0.5
U54A	Nelsons Funny	56.98	349	P	P	13 10 40.1	-1.7
U54A				I	Amb	13 10 43.6	
T57A	Hurt	57.05	352	P	P	13 10 43.1	+0.9
T57A	Hurt	57.05	352	P	P	13 10 41.9	-0.3
T57A				I	Amb	13 10 44.0	
T56A	Rocky Mt	57.19	351	P	P	13 10 44.2	+0.9
JCT	Junction City	57.29	330	P	P	13 10 43.1	-1.0
JCT				pmax	pmax		
JCT	Junction City	57.29	330	P	P	13 10 43.1	-1.0
V48A	Smith Brothers	57.30	344	P	P	13 10 43.3	-0.8
V48A				I	Amb	13 10 44.7	
WLAR	White Oak Lake	57.31	338	P	P	13 10 43.3	-0.3
TZTN	Tazewell	57.33	348	P	P	13 10 44.3	0.0
TZTN	Tazewell	57.33	348	P	P	13 10 44.1	-0.2
TZTN				I	Amb	13 10 44.5	
T55A	Pulaski	57.39	350	P	P	13 10 45.6	+0.9
BLA	Blacksburg	57.43	351	P	P	13 10 44.9	0.0
BLA				pmax	pmax		

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BLA	Blacksburg	57.43	351	P	P	13 10 45.8	+0.9
BLA	Blacksburg	57.43	351	P	P	13 10 44.9	0.0
BLA				I	Amb	13 11 50.0	
S60A	Water View	57.46	354	P	P	13 10 45.8	+0.7
T54A	Tazewell	57.47	350	P	P	13 10 45.7	+0.5
HPIG	Poland Farm, P	57.51	323	P	P	13 10 45.5	-0.4
S58A		57.51	353	P	P	13 10 46.1	+0.7
CLTN	Cedars of Leba	57.51	345	P	P	13 10 45.3	-0.2
CLTN				I	Amb	13 10 46.3	
WHTX	Lake Whitney,	57.52	333	P	P	13 10 45.5	-0.2
WHTX	Lake Whitney,	57.52	333	P	P	13 10 45.6	0.0
WHTX				I	Amb	13 10 48.3	
T53A	Wise	57.56	349	P	P	13 10 46.0	+0.1
S59A	Mechanicsville	57.58	354	P	P	13 10 46.9	+1.1
S56A	Natural Bridge	57.76	352	P	P	13 10 47.9	+0.6
T52A	Halle	57.76	348	P	P	13 10 47.5	+0.2
T52A	Halle	57.76	348	P	P	13 10 47.3	0.0
T52A				I	Amb	13 10 48.1	
S57A	Dark Hollow, R	57.76	352	P	P	13 10 47.9	+0.6
S57A	Dark Hollow, R	57.76	352	P	P	13 10 47.4	+0.2
S57A				I	Amb	13 10 49.2	
U49A	Red Boiling Sp	57.78	346	P	P	13 10 47.2	-0.2
T51A	Gray	57.81	347	P	P	13 10 47.6	-0.1
R58B	Mineral	57.84	353	P	P	13 10 48.4	+0.7
R58B	Mineral	57.84	353	P	P	13 10 48.5	+0.7
R58B				I	Amb	13 10 49.8	
WVT	Waverly	57.93	344	P	P	13 10 47.5	-0.9
WVT				pmax	pmax		
WVT	Waverly	57.93	344	P	P	13 10 47.8	-0.6
WVT	Waverly	57.93	344	P	P	13 10 47.5	-0.9
WVT				I	Amb	13 10 48.6	
S55A	Lewisburg	57.99	351	P	P	13 10 49.4	+0.6
R59A	King George, V	57.99	354	P	P	13 10 49.9	+1.1
UALR	University of	58.03	339	P	P	13 10 48.6	-0.6
UALR				I	Amb	13 10 51.2	
T50A	Nancy	58.06	347	P	P	13 10 49.0	-0.3
HALT	Halls	58.14	342	P	P	13 10 49.8	-0.2
S54A	Dingess, Beckl	58.14	350	P	P	13 10 50.0	+0.1
S54A				I	Amb	13 10 49.9	0.0
S54A				I	Amb	13 10 51.2	
R58A	Rapidan	58.18	353	P	P	13 10 50.4	+0.2
R57A	Standardsville	58.24	353	P	P	13 10 51.5	+1.0
MIAR	Mount Ida	58.25	338	P	P	13 10 50.9	+0.2
MIAR				pmax	pmax		
MIAR	Mount Ida	58.25	338	P	P	13 10 51.2	+0.4
MIAR				I	Amb	13 10 52.2	
TXAR	Lajitas Array	58.28	326	P	P	13 10 51.3	+0.1
TXAR	Lajitas Array	58.28	326	P	P	13 10 52.1	+0.9
TXAR				LR	LR	13 10 52.5	
TXAR				LR	LR	13 10 51.3	+0.1
TXAR				P	P	13 10 51.2	0.0
TX31	Lajitas Ar. Si	58.28	326	P	P	13 10 51.7	-0.3
T49A	Edmonton	58.29	346	P	P	13 10 50.1	-0.8
T49A	Edmonton	58.29	346	P	P	13 10 51.8	+0.3
W41B	Gary Mavity, V	58.37	339	P	P	13 10 52.1	+0.4
S51A	Beattville	58.40	348	P	P	13 10 52.1	+0.4
S51A	Beattville	58.40	348	P	P	13 10 51.3	-0.4
S51A				I	Amb	13 11 52.2	
R55A	Marlinton	58.44	351	P	P	13 10 53.2	+1.2
R55A	Marlinton	58.44	351	P	P	13 10 52.4	+0.4
R55A				I			

MNTX	Cornudas Mount	61.05 326	P	P	13 11 09.9 -0.2
MNTX	comp=Z,17nm,1.6s		I	Amb	13 11 11.4
P46A	Rosedale	61.08 345	P	I	13 11 09.1 -0.9
P46A	comp=Z,14nm,0.9s		I	Amb	13 11 10.1
M58A	Price's Panora	61.08 355	P	P	13 11 10.9 +0.8
M57A	Sunshine Farm,	61.10 354	P	P	13 11 11.1 +0.9
M57A	baz=173				
M57A	Sunshine Farm,	61.10 354	P	I	13 11 10.4 +0.1
M57A	comp=Z,20nm,1.1s		I	Amb	13 11 12.4
N52A	McGinn's Farm,	61.15 350	P	P	13 11 10.4 -0.2
N59A	Waymart	61.17 356	P	P	13 11 11.4 +0.7
N59A	baz=169				
KSPA	Keystone Colle	61.21 356	P	I	13 11 10.7 -0.2
KSPA	comp=Z,39nm,1.7s		I	Amb	13 11 16.6
R40A	Maddies Statio	61.22 341	P	P	13 11 09.7 -1.4
O48A	Farmland	61.23 347	P	P	13 11 10.6 -0.6
L63A	North Scituate	61.34 359	P	P	13 11 12.5 +0.7
N50A	Nevada	61.35 349	P	P	13 11 11.4 -0.5
M56A	Emporium	61.35 354	P	P	13 11 12.5 +0.5
M56A	baz=172,SNR=6.2				
M56A	Emporium	61.35 354	P	P	13 11 11.6 -0.3
N51A	Ashland	61.36 350	P	P	13 11 12.0 -0.1
BRYW	Bryant College	61.39 359	P	P	13 11 12.6 +0.4
M55A	Ridgway	61.40 353	P	P	13 11 13.0 +0.7
M55A	baz=171,SNR=9.7				
T35A	Sooner Cattle	61.44 337	P	I	13 11 13.1 +0.5
T35A	comp=Z,26nm,1.2s		I	Amb	13 11 14.2
M54A	Oil Creek Stat	61.55 352	P	P	13 11 13.5 +0.2
M54A	baz=170,SNR=9.4				
L60A	Oil Creek Stat	61.55 352	P	P	13 11 13.4 +0.1
L60A	Shokan	61.55 357	P	P	13 11 14.1 +0.9
M54A	Shokan	61.55 357	P	P	13 11 14.1 +0.9
M54A	baz=176				
MSTX	Muleshoe	61.58 330	P	P	13 11 13.7 -0.1
MSTX	baz=146,SNR=5.6				
MSTX	Muleshoe	61.58 330	P	I	13 11 13.7 -0.1
MSTX	comp=Z,15nm,1.1s		I	Amb	13 11 15.7
M53A	WI Miller and	61.61 351	P	P	13 11 14.1 +0.4
P43A	Skaggs, Pawnee	61.68 344	P	P	13 11 13.2 -0.9
N49A	Columbus Grove	61.69 348	P	P	13 11 13.7 -0.4
N49A	baz=166,SNR=9.6				
N49A	Columbus Grove	61.69 348	P	P	13 11 13.5 -0.6
L58A	Harry Jones Me	61.70 356	P	P	13 11 15.0 +0.8
L58A	baz=174,SNR=6.4				
L61A	Hillsdale 1, H	61.72 358	P	P	13 11 14.9 +0.5
L61A	baz=177				
M51A	Elyria	61.73 350	P	P	13 11 13.8 -0.7
M51A	baz=168				
L57A	Andrews Acres	61.74 355	P	P	13 11 14.9 +0.4
ALLY	Alegheny Colle	61.75 352	P	P	13 11 14.5 -0.1
ALLY	Lafayette	61.77 346	P	P	13 11 13.7 -1.0
SPIN	Lafayette	61.77 346	P	P	13 11 12.7 -2.1
N48A	Decatur	61.79 348	P	P	13 11 14.4 -0.4
L59A	Walton	61.79 356	P	P	13 11 15.7 +0.8
L59A	baz=175,SNR=6.7				
M52A	Walton	61.79 356	P	P	13 11 15.9 +1.0
M52A	Chesterland	61.81 351	P	P	13 11 15.0 0.0
M52A	baz=169				
M52A	Chesterland	61.81 351	P	I	13 11 14.3 -0.7
M52A	comp=Z,17nm,0.8s		I	Amb	13 11 16.0
BINY	Binghamton	61.87 356	P	P	13 11 16.1 +0.7
BINY	baz=174,SNR=7.4				
L56A	Binghamton	61.94 354	P	P	13 11 15.8 +0.4
L56A	Greenood	61.94 354	P	P	13 11 15.8 -0.1
L56A	baz=173				
M50A	Fremont	61.95 349	P	P	13 11 15.7 -0.3
M50A	baz=167				
N47A	Urbana	61.95 347	P	P	13 11 14.8 -1.1
N47A	baz=164				
N47A	Urbana	61.95 347	P	I	13 11 14.2 -1.8
N47A	comp=Z,16nm,0.8s		I	Amb	13 11 15.9
L61B	Northampton	61.95 358	P	P	13 11 15.9 0.0
L61B	baz=178				
HRV	Adam Dziewonsk	61.98 359	P	P	13 11 16.3 +0.2
HRV	comp=Z,21nm,0.8s		pm	pm	
HRV	Adam Dziewonsk	61.98 359	P	P	13 11 16.6 +0.5
HRV	baz=179				
HRV	Adam Dziewonsk	61.98 359	P	P	13 11 16.3 +0.2
L53A	Girard	62.06 352	P	P	13 11 17.0 +0.3
L53A	baz=170,SNR=5.8				
L55A	Hinsdale	62.07 353	P	P	13 11 17.3 +0.5
L55A	baz=172,SNR=8.1				
K63A	Dunstable	62.16 359	P	P	13 11 18.0 +0.7
K63A	baz=179				
M49A	Liberty Center	62.18 349	P	P	13 11 17.0 -0.5
M49A	baz=166,SNR=6.2				
K61A	Williamstown	62.19 358	P	P	13 11 18.1 +0.6
ERPA	Erie	62.19 352	P	P	13 11 17.6 0.0
ERPA	baz=177				
ERPA	Erie	62.19 352	P	P	13 11 17.3 -0.2
L54A	Sinclairville	62.22 363	P	P	13 11 18.2 +0.4
VNA3	Neumayer Olymp	62.23 161	P	P	13 11 19.1 +1.5
TRY	Troy	62.28 358	P	P	13 11 17.9 -0.1
P40A	Paris	62.29 341	P	I	13 11 17.7 -0.6
P40A	comp=Z,14nm,1.0s		I	Amb	13 11 19.1
WVNY	West Valey, N	62.31 353	P	P	13 11 18.0 -0.3
M48A	Edgerton	62.33 348	P	P	13 11 18.0 -0.5
M48A	baz=165				
M48A	Edgerton	62.33 348	P	I	13 11 17.8 -0.7
M48A	comp=Z,22nm,1.1s		I	Amb	13 11 18.7
K59A	Cooperstown	62.36 357	P	P	13 11 19.5 +0.8
K59A	baz=176,SNR=8.3				
K58A	Earlville	62.40 356	P	P	13 11 19.5 +0.5
K58A	baz=175,SNR=5.6				
K58A	Earlville	62.40 356	P	P	13 11 19.4 +0.4
K57A	Scipio Center	62.43 355	P	P	13 11 19.1 0.0
VNA1	Neumayer-Stat	62.45 161	P	P	13 11 20.8 +1.8
K56A	Middlesex	62.47 354	P	P	13 11 20.1 +0.6
K56A	baz=175				
HDIL	Hopedale	62.48 344	P	P	13 11 18.5 -1.0
HDIL	baz=160				
HDIL	Hopedale	62.48 344	P	P	13 11 18.2 -1.3
K54A	Basiliko Farm,	62.52 353	P	P	13 11 20.4 +0.6
K54A	baz=172,SNR=5.8				
MMNY	Mt. Morris Dam	62.56 354	P	P	13 11 19.7 -0.3
K55A	Perry	62.57 354	P	P	13 11 20.3 +0.2
L48A	N Adams	62.72 348	P	P	13 11 20.7 -0.4
L48A	baz=172				
L49A	Milan	62.76 349	P	P	13 11 21.3 0.0
L49A	baz=166				
J60A	Lant Hill Farm	62.77 358	P	P	13 11 22.8 +1.4
J60A	baz=171				
VNA2	Neumayer-Watz	62.81 161	P	P	13 11 22.9 +1.4
P38A	Dawn	62.84 340	P	I	13 11 21.4 -0.5
P38A	comp=Z,9.4nm,1.0s		I	Amb	13 11 22.2
319A	Douglas	62.92 323	P	P	13 11 22.5 -0.3
319A	comp=Z,11nm,0.9s		I	Amb	13 11 25.6
J58A	Remsen	62.97 356	P	P	13 11 23.6 +0.8
J58A	baz=175				
K51A	Iona Station	62.99 351	P	P	13 11 23.0 +0.1
K51A	baz=169				
J56A	Wolcott	63.00 355	P	P	13 11 22.9 0.0
J56A	baz=174				
J56A	Wolcott	63.00 355	P	P	13 11 22.4 -0.6
J59A	Piesco	63.03 357	P	P	13 11 24.0 +0.8
J59A	baz=176,SNR=6.2				
J59A	Piesco	63.03 357	P	P	13 11 23.6 +0.5
N41A	Harden Midland	63.04 343	P	I	13 11 22.2 -0.6
N41A	comp=Z,13nm,0.7s		I	Amb	13 11 24.2

J57A	Williamstown	63.07 356	P	P	13 11 24.0 +0.6
J57A	comp=Z,26nm,1.1s				
J57A	Williamstown	63.07 356	P	I	13 11 23.4 +0.1
J57A	baz=174		I	Amb	13 11 24.9
J55A	Hilton	63.08 354	P	P	13 11 24.0 +0.6
J55A	baz=172				
J55A	Hilton	63.08 354	P	I	13 11 23.6 +0.2
J55A	comp=Z,17nm,0.9s		I	Amb	13 11 24.9
J54A	Appleton	63.17 353	P	P	13 11 24.1 +0.1
J54A	baz=172				
K50A	Casco	63.21 350	P	P	13 11 24.2 -0.1
K50A	baz=168				
I58A	Old Forge	63.28 357	P	P	13 11 25.5 +0.6
I58A	baz=176,SNR=6.4				
I59A	Olmsteadville	63.33 357	P	P	13 11 25.7 +0.5
I59A	baz=177,SNR=7.5				
J52A	Paris	63.36 352	P	P	13 11 25.6 +0.3
J52A	baz=170,SNR=9.7				
I60A	Shoreham	63.36 358	P	P	13 11 26.2 +1.0
I60A	baz=177				
I61A	Oroboro, Fairl	63.42 359	P	P	13 11 26.5 +0.8
I61A	baz=178				
K48A	Perry	63.49 349	P	P	13 11 25.7 -0.5
K48A	baz=166,SNR=7.3				
I63A	Ottidell	63.52 0	P	P	13 11 27.9 +1.6
I63A	baz=180				
NCB	Newcomb	63.52 357	P	I	13 11 26.5 +0.1
NCB	comp=Z,27nm,1.4s		I	Amb	13 11 29.0
I57A	Carthage	63.57 356	P	P	13 11 27.5 +0.8
I57A	baz=175				
R32A	Long Quarter,	63.60 336	P	P	13 11 27.2 +0.1
R32A	comp=Z,13nm,0.8s		I	Amb	13 11 28.5
LBNH	Lisbon	63.72 359	P	pm	13 11 28.3 +0.6
LBNH	comp=Z,32nm,1.0s		pm	pm	
LBNH	Lisbon	63.72 359	P	P	13 11 28.7 +1.0
LBNH	baz=179,SNR=5.7				
LBNH	Lisbon	63.72 359	P	P	13 11 28.3 +0.6
J49A	Marlette	63.87 350	P	P	13 11 27.6 -1.0
J49A	baz=167				
J48A	Bridge Port	63.92 349	P	P	13 11 28.3 -0.7
J48A	baz=177				
J48A	Bridge Port	63.92 349	P	P	13 11 28.1 -0.9
L42A	Oliver, Polo	63.94 344	P	I	13 11 28.6 -0.5
L42A	comp=Z,11nm,0.9s		I	Amb	13 11 28.9
H58A	Gabriels	63.97 357	P	P	13 11 29.9 +0.6
H58A	baz=176,SNR=5.7				
I51A	Listowel	63.98 352	P	P	13 11 29.4 -0.1
I51A	baz=169,SNR=7.0				
I55A	Frankford	64.01 354	P	P	13 11 29.9 +0.4
I55A	baz=173				
H61A	Lyndonville	64.01 35			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KASI Kota Agung, LWI Liwa, MDSI Maura Dua, etc.

SJA 02 13:36:40.0±0.1, 19.69S:71.49W, h10km, ML4.5, MW4.2
IDC 02 13:36:47.0±0.8, 19.79S:70.75W, h0km, mb4.1/9,
m1 4.2/12, mb1mx4.1/31, mbtmp4.1/12, ML4.0/5, MS3.8/9,
ms1 3.7/9, ms1mx3.4/32, Error ellipse: s-maj=25.7km,
s-min=14.9km az=50.0

NEIC 02 13:36:49.0±1.8, 19.87S:0.04W, 70.90W±0.05, h17km±1km,
mb4.7/13, ML4.5(GUC), Error ellipse: s-maj=7.3km,
s-min=6.1km az=83.0

GUC 02 13:36:49.8±0.8, 19.87S:70.89W, h39km±2km, ML4.5
VAO 02 13:36:54.8±0.9, 20.03S:70.76W, h88km±8km, mb4.4,
ISC 02 13:36:47.8±1.6, 19.91S:0.03W, 70.96W±0.05, h12km±9km,
n101, n154/107, mb4.3/11, MS3.8/7, 5C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSGC Pisagua, TA01 Diego Aracena, PB01 IPOC Station P, etc.

Table with columns: PB05, IAML, Time, Res, ISC. Includes stations like PB06 IPOC Station P, LVC Limon Verde, LVC Limon Verde, etc.

QSPA South Pole Qui 70.28 180 P IAMB IAMB 13 48 03.1+2.2
PDAR Pinedale Array 71.79 331 P P 13 48 19.9+0.4

ULM Lac du Bonnet 73.24 344 LR LR 14 22 25.2
YNE Yellowstone No 73.75 332 P P 13 48 23.1+1.0

MCMT McKenzie Canyon 74.89 331 P P 13 48 27.6-1.2
YKA Yellowknife Arr 89.06 341 P P 13 49 43.1+0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEST Kesra, H11S2 WAKE ISLAND Hy25.76 279 T, etc.

IDC 02 13:47:39.9±1.4, 19.30S:70.80W, h0km, mb4.0/2,
mb1 4.2/5, mb1mx3.8/28, mbtmp4.1/5, ML3.8/3, Error ellipse:
s-maj=38.4km s-min=26.8km az=73.0
NEIC 02 13:47:43.5±1.8, 19.47S:0.05W, 70.66W±0.08, h26km±1km,
mb4.5/5, Error ellipse: s-maj=11.7km s-min=6.3km az=72.0
GUC 02 13:47:44.8±0.7, 19.46S:70.58W, h40km±1km, ML3.8
ISC 02 13:47:43.7±1.4, 19.45S:0.03W, 70.67W±0.06, h28km±10km,
n38, n13/42, mb4.3/5, 2C-4D, Near coast of northern Chile

Table with columns: MNMC Minye Minye, AP01 Chacalluta, TA01 Diego Aracena, etc. Includes stations like MNMC Minye Minye, AP01 Chacalluta, TA01 Diego Aracena, etc.

SJA 02 13:51:02.1±0.5, 19.81S:71.32W, h29km±22km, ML3.9,
MW4.2, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB04 IPOC Station P, PB09 IPOC Station P, etc.

IDC 02 13:51:29.5±3.8, 5.67N:127.84E, h0km, mb3.4/3,
mb1 3.6/3, mb1mx3.2/39, mbtmp3.4/3, Error ellipse:
s-maj=305.2km s-min=29.3km az=67.0, Philippine Islands region

WRA Warramunga Arr 26.24 166 P P 13 57 05.0-1.5
ASAR Alice Springs 29.75 169 P P 13 57 39.9+2.0
MKAR Makanchi Array 56.32 324 P P 14 01 14.3-0.1

TAP 02 13:58:15.6±2.1, 48N:122.17E, h32km, ML2.8, D
JMA 02 13:58:16.6±0.4, 21.43N:122.00E, h88km, ML2.8
ISC 02 13:58:11.6±0.1, 21.67N:122.06E, 122.36E±0.03, h2km±11km,
n54, n090/96, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LAY Lan-yu, TWH Lutao, TWH Lutao, etc.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like TWH Lutao, TWH Lutao, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like EKA Eskdalemuir Ar, ARCES ARCESS Array B, AKTO Aktyubinsk, etc.

IDC 02 15:39:14.5-0.9, 19:82S:70:83W, h0km, mb3.8/5, mb1 4.0/7, mb1mx3.7/51, mbtmp3.9/7, ML3.7/2, Error ellipse: s-maj=30.3km s-min=16.5km az=67.0

NEIC 02 15:39:18.3-1.7, 19:88S:0:04:70:87W,0.4, h2km3.5km, mb4.0/4, Error ellipse: s-maj=7.1km s-min=4.8km az=219.0

GUC 02 15:39:19.2-0.6, 19:90S:70:91W, h30km,2km, ML4.1, ISC 02 15:39:14.9-1.8, 19:87S:0:04:70:97W,0.06, h4km1.1km, n5, c0:99/62, mb4.0/5, 4C-4D, Near coast of northern Chile

Main table for station data on the left side, including stations like PSGC Pisagua, PSGC Diego Aracena, PB11 IPOC Station P, etc.

Main table for station data in the middle, including stations like PSGC Pisagua, PSGC Diego Aracena, PB11 IPOC Station P, etc.

Main table for station data on the right side, including stations like IBDR Badra, IBDR Badra, IGHG Ghaleghazi, etc.

OMAN 02 15:57:49.5-0.3, 27:42N:52:45E, h38km, ml3.0/5, Error ellipse: s-maj=4.3km s-min=4.5km az=42.0

TEH 02 15:57:49.8, 27:47N:52:69E, h24km, ML3.2, ISC 02 15:57:47.3-1.8, 27:47N:0:06:52:5E:0.1, h14km, n17, c0:63/23, Southern Iran

Table for station data on the right side, including stations like LMD1 Lamerd, JHRM Jahrom, LAR1 LAR, etc.

IDC 02 16:13:23.3-0.3, 7:98N:82:22W, h0km, mb4.9/37, mb1 5.0/43, mb1mx5.0/47, mbtmp5.0/43, ML4.8/7, MS5.2/25, MS1 5.2/25, ms1mx5.1/35, Error ellipse: s-maj=13.9km

257A	Bowman	25.37	3	P	P	16 18 51.5	-0.5
HKT	Hockley	25.38	332	P	P	16 18 49.3	-2.7
HKT	comp-Z,594nm,1.9s			pmax	pmax		
HKT	Hockley	25.38	332	P	P	16 18 49.3	-2.7
VBMS	Vicksburg	25.41	344	P	P	16 18 52.1	-0.3
VBMS	baz=161			IAMB	IAMB	16 18 51.5	-0.9
Z59A	Georgetown, SC	25.42	6	P	P	16 18 52.3	-0.1
LRAL	Lakeview Retre	25.43	351	P	P	16 18 52.6	0.0
LRAL	baz=169,SNR=11			IAMB	IAMB	16 18 51.7	-0.8
GOGA	Godfrey	25.46	358	P	P	16 18 51.9	-0.9
GOGA	comp-Z,358nm,1.6s			pmax	pmax		
GOGA	Godfrey	25.46	358	P	P	16 18 52.4	-0.4
GOGA	baz=177,SNR=17			MLR	MLR		
GOGA	Godfrey	25.46	358	P	P	16 18 51.9	-0.9
Z58A	Godfrey	25.46	358	IAMS_20	IAMS_20	16 26 53.9	
Z58A	comp-Z,11µm,20.0s			IAMS_20	IAMS_20		
Z51A	Franklin	25.47	5	P	P	16 18 53.0	+0.1
Z51A	baz=186,SNR=11			IAMB	IAMB	16 18 52.3	-0.7
Z73A	Kenedy	25.48	327	P	P	16 18 52.5	-0.6
Z50A	Ashland	25.50	353	P	P	16 18 52.7	-0.5
Z50A	baz=172,SNR=18			IAMB	IAMB	16 18 52.5	-0.7
Z47A	Carrollton	25.78	349	P	P	16 18 55.2	-0.5
Z47A	comp-Z,118nm,1.1s			IAMB	IAMB	16 19 25.9	
Y56A	Pelion	25.83	2	P	P	16 18 55.8	-0.4
Y52A	Liburn	25.94	357	P	P	16 18 56.2	-1.0
Y52A	baz=176			IAMB	IAMB	16 18 56.5	-0.7
Y52A	comp-Z,256nm,1.4s			IAMS_20	IAMS_20	16 29 18.6	
Y52A	comp-Z,8µm,19.0s			IAMS_20	IAMS_20	16 29 18.6	
Y55A	Saluda	25.96	1	P	P	16 18 57.5	+0.1
833A	Chaparral WMA	25.96	324	P	P	16 18 56.9	-0.6
Y58A	Scranton	26.05	5	P	P	16 18 56.8	-1.3
Y58A	baz=186			IAMB	IAMB	16 18 56.2	-1.9
Y58A	Scranton	26.05	5	P	P	16 18 56.2	-1.9
Y58A	comp-Z,127nm,0.9s			IAMS_20	IAMS_20	16 29 27.5	
Y57A	Sumter	26.10	4	P	P	16 18 58.2	-0.5
Y57A	baz=184			IAMB	IAMB	16 18 58.5	-0.1
Y57A	Sumter	26.10	4	P	P	16 18 58.5	-0.1
Y57A	comp-Z,176nm,1.4s			IAMS_20	IAMS_20	16 28 55.0	
Y57A	comp-Z,9µm,21.0s			IAMS_20	IAMS_20	16 28 55.0	
143A	Socs Landing	26.12	342	P	P	16 18 57.1	-1.8
143A	comp-Z,200nm,1.2s			IAMB	IAMB	16 19 43.3	
Y49A	Blount Mountai	26.15	352	P	P	16 18 58.4	-0.7
Y59A	Loris	26.21	7	P	P	16 18 57.6	-2.0
Y59A	baz=188			IAMB	IAMB	16 18 59.6	0.0
Y59A	Loris	26.21	7	P	P	16 18 59.6	0.0
Y59A	comp-Z,110nm,0.8s			IAMS_20	IAMS_20	16 30 06.8	
HODGE	Hodges	26.25	0	P	P	16 18 58.4	-1.6
HODGE	comp-Z,9µm,19.0s			IAMB	IAMB	16 19 30.3	
HODGE	Hodges	26.25	0	P	P	16 18 58.4	-1.6
HODGE	comp-Z,147nm,1.2s			IAMS_20	IAMS_20	16 29 39.0	
Y60A	Bolivia	26.30	8	P	P	16 18 58.8	-1.6
Y60A	comp-Z,14µm,19.0s			IAMS_20	IAMS_20	16 18 57.8	-2.7
Y60A	Bolivia	26.30	8	P	P	16 18 57.8	-2.7
NATX	Nacogdoches	26.42	336	P	P	16 19 01.9	+0.4
NATX	baz=152			IAMB	IAMB	16 18 58.8	-2.6
NATX	Nacogdoches	26.42	336	P	P	16 18 58.8	-2.6
X55A	Gracelyn & Ava	26.50	1	P	P	16 19 01.2	-1.1
X53A	Estanollee	26.54	358	P	P	16 19 02.1	-0.5
X56A	White Oak	26.54	2	P	P	16 19 02.4	-0.2
X57A	Johnson Farm	26.57	4	P	P	16 19 02.4	-0.5
X54A	Belton	26.57	360	P	P	16 19 02.5	-0.4
X51A	Calhoun	26.69	355	P	P	16 19 03.4	-0.5
X58A	Rowland	26.72	6	P	P	16 19 03.7	-0.5
X58A	baz=187			IAMS_20	IAMS_20	16 31 31.3	
FPAL	Fort Payne	26.73	354	P	P	16 19 02.7	-1.7
X59A	McDuffie Farm	26.81	7	P	P	16 19 04.9	-0.1
X48A	Hartselle	26.83	351	P	P	16 19 04.2	-1.0
PAULI	Pauline	26.85	1	P	P	16 19 02.4	-3.0
PAULI	comp-Z,136nm,1.2s			IAMB	IAMB	16 19 29.6	
PAULI	Pauline	26.85	1	P	P	16 19 02.4	-3.0
PAULI	comp-Z,13µm,18.0s			IAMS_20	IAMS_20	16 29 58.7	
X60A	Albert Glenn T	26.90	8	P	P	16 19 06.0	+0.2
435B	Jarrell	26.91	330	P	P	16 19 05.5	-0.5
BG3	Lake Jocassee	27.02	359	P	P	16 19 05.7	-1.3
BG3	baz=145,SNR=9.2			IAMS_20	IAMS_20	16 29 53.3	
Z41A	Richland Creek	27.08	340	P	P	16 19 06.7	-0.8
W54A	Cherokee Point	27.11	0	P	P	16 19 07.5	-0.3
W52A	Murphy	27.15	357	IAMS_20	IAMS_20	16 30 04.9	
KMSC	Kings Mountain	27.18	2	P	P	16 19 08.4	+0.1
KMSC	baz=182			IAMS_20	IAMS_20	16 19 07.4	-1.0
KMSC	Kings Mountain	27.18	2	P	P	16 19 08.4	+0.1
KMSC	comp-Z,12µm,19.0s			IAMS_20	IAMS_20	16 30 29.2	
W58A	Raeferd	27.19	6	P	P	16 19 08.6	+0.1
W56A	Indian Trail	27.20	3	P	P	16 19 08.4	-0.1
W57A	Gilead	27.26	4	P	P	16 19 07.8	-1.3
W57A	baz=185			IAMS_20	IAMS_20	16 19 06.5	-2.6
W57A	Gilead	27.26	4	P	P	16 19 06.5	-2.6
W57A	comp-Z,9µm,20.0s			IAMS_20	IAMS_20	16 19 07.8	-1.8
OXF	Oxford	27.32	347	P	P	16 19 08.0	-1.6
OXF	comp-Z,240nm,1.2s			pmax	pmax		
OXF	Oxford	27.32	347	P	P	16 19 07.8	-1.8
OXF	baz=165			IAMB	IAMB	16 19 47.8	
W50A	Signal Mountai	27.36	355	P	P	16 19 08.3	-1.7
W50A	comp-Z,115nm,1.1s			IAMB	IAMB	16 19 31.9	
W60A	Pink Hill	27.40	8	P	P	16 19 10.1	-0.2
W59A	Clinton	27.42	7	P	P	16 19 10.1	-0.5
SWET	Seawnee	27.44	354	P	P	16 19 09.3	-1.4
PLAL	Pickwick Lake	27.51	350	P	P	16 19 10.5	-0.9
CPCT	Cooper Cave	27.54	356	P	P	16 19 11.7	+0.1
CPCT	comp-Z,109nm,1.1s			IAMB	IAMB	16 19 34.1	

CNNC	Cliffs of the	27.56	8	P	P	16 19 11.5	-0.2
CNNC	baz=190			IAMS_20	IAMS_20	16 29 51.6	
CNNC	Cliffs of the	27.56	8	IAMS_20	IAMS_20	16 29 51.6	
WLAR	White Oak Lake	27.57	340	P	P	16 19 11.6	-0.3
W61A	Ground Anchor	27.64	9	P	P	16 19 12.3	-0.1
X43A	Marvell	27.68	345	P	P	16 19 12.5	-0.4
V53A	Saluda	27.69	359	P	P	16 19 12.8	-0.2
V53A	comp-Z,112nm,1.3s			IAMB	IAMB	16 19 37.7	
V53A	comp-Z,13µm,19.0s			IAMS_20	IAMS_20	16 30 24.1	
TKL	Tuckaleechee C	27.71	357	P	P	16 19 13.5	+0.4
TKL	comp-Z,2.5nm,0.5s, baz=169,slow=8.1,SNR=9.9			LR	LR	16 30 43.4	
TKL	comp-Z,7µm,18.9s, baz=179,slow=36			LR	LR	16 30 43.4	
TKL	Tuckaleechee C	27.71	357	P	P	16 19 12.8	-0.3
TKL	comp-Z,104nm,1.3s			pmax	pmax		
TKL	comp-Z,7µm,19.0s			MLR	MLR		
TKL	Tuckaleechee C	27.71	357	P	P	16 19 12.8	-0.3
TKL	comp-Z,104nm,1.2s			IAMB	IAMB	16 19 53.9	
TKL	comp-Z,7µm,19.0s			IAMS_20	IAMS_20	16 30 32.6	
V54A	Nebo	27.80	1	P	P	16 19 13.3	-0.6
LPAZ	La Paz	27.80	150	P	P	16 19 14.8	+0.1
LPAZ	comp-Z,24nm,1.0s, baz=341,slow=181			LR	LR	16 31 00.1	
LPAZ	La Paz	27.80	150	P	P	16 19 13.6	-1.2
LPAZ	comp-Z,175nm,1.6s			pmax	pmax		
LPAZ	La Paz	27.80	150	P	P	16 19 13.6	-1.2
LPAZ	comp-Z,175nm,1.6s			IAMB	IAMB	16 19 30.5	
LPAZ	La Paz	27.80	150	eP	P	16 19 15.2	+0.4
JCT	Junction City	27.83	326	P	P	16 19 13.1	-1.2
JCT	comp-Z,109nm,1.2s			pmax	pmax		
JCT	Junction City	27.83	326	P	P	16 19 13.7	-0.6
JCT	baz=140,SNR=20			IAMB	IAMB	16 19 13.1	-1.2
JCT	Junction City	27.83	326	P	P	16 19 13.1	-1.2
JCT	comp-Z,109nm,1.2s			IAMB	IAMB	16 19 28.7	
WHTX	Lake Whitney	27.84	332	P	P	16 19 13.4	-1.0
WHTX	baz=146			IAMS_20	IAMS_20	16 19 13.0	-1.3
Z38A	Mt. Pleasant	27.84	332	P	P	16 19 13.6	-1.0
Z38A	comp-Z,135nm,1.1s			IAMB	IAMB	16 19 53.5	
V56A	Mocksville	27.88	3	P	P	16 19 14.2	-0.5
V51A	Loudon	27.88	356	P	P	16 19 13.6	-1.1
V51A	comp-Z,157nm,1.4s			IAMB	IAMB	16 19 55.9	
V51A	comp-Z,7µm,18.0s			IAMS_20	IAMS_20	16 30 47.2	
V52A	Sevierville	27.88	358	P	P	16 19 14.2	-0.5
V52A	comp-Z,7µm,18.0s			IAMS_20	IAMS_20	16 30 39.2	
V55A	Taylorsville	27.89	2	P	P	16 19 14.4	-0.4
V55A	comp-Z,8µm,19.0s			IAMS_20	IAMS_20	16 30 50.3	
V55A	Taylorsville	27.89	2	P	P	16 19 13.9	-0.9
V55A	baz=182			IAMS_20	IAMS_20	16 30 50.3	
W45A	Hickory Valley	27.90	348	P	P	16 19 13.7	-1.1
V58A	Windy Hill, P	27.97	6	P	P	16 19 14.7	-0.7
V58A	baz=187,SNR=7.4			IAMS_20	IAMS_20	16 29 55.4	
V58A	Windy Hill, P	27.97	6	P	P	16 19 14.9	-0.5
V57A	Coltrane Farms	28.00	4	P	P	16 19 14.9	-0.8
V59A	Middlesex	28.04	7	P	P	16 19 15.4	-0.6
V48A	Smith Brothers	28.06	352	P	P	16 19 15.7	-0.6
V48A	baz=184			IAMB	IAMB	16 19 51.7	
V60A	Jim Taylor Roa	28.17	9	P	P	16 19 16.3	-0.9
V62A	Hyde County Ai	28.19	11	P	P	16 19 17.1	-0.3
V62A	baz=194			IAMS_20	IAMS_20	16 31 17.3	
V62A	Hyde County Ai	28.19	11	IAMS_20	IAMS_20	16 31 17.3	
X40A	Basin Creek Fa	28.22	341	P	P	16 19 16.4	-1.2
X40A	baz=158			IAMB	IAMB	16 19 16.2	-1.4
X40A	Basin Creek Fa	28.22	341	P	P	16 19 16.2	-1.4
V61A	Roper	28.30	10	P	P	16 19 18.1	-0.3
V61A	comp-Z,164nm,1.8s			IAMB	IAMB	16 19 34.1	
V61A	Roper	28.30	10	IAMS_20	IAMS_20	16 30 59.3	
UALR	University of	28.33	342	P	P	16 19 17.6	-1.1
CLTN	Cedars of Leba	28.35	353	P	P	16 19 18.1	-0.7
U56A	King	28.42	3	P	P	16 19 18.2	-1.3
U56A	baz=184			IAMS_20	IAMS_20	16 31 27.4	
MIAR	Mount Ida	28.51	340	P	P	16 19 18.9	-1.4
MIAR	comp-Z,10µm,18.0s			pmax	pmax		
MIAR	Mount Ida	28.51	340	P	P	16 19 19.2	-1.1
MIAR	comp-Z,53nm,0.9s			IAMB	IAMB	16 19 19.2	-1.1
MIAR	Mount Ida	28.51	340	P	P	16 19 18.9	-1.4
MIAR	baz=156,SNR=14			IAMB	IAMB	16 19 20.4	-0.3
U54A	Nelsons Funny						

K50A	baz=186	34.78	360	P	P	16	20	13.8	-1.5
K50A	Casco	34.78	360	P	P	16	20	14.1	-1.2
K50A	baz=180			IAMB	IAMB	16	20	48.0	
L59A	comp=Z,70nm,1.0s	34.80	10	P	P	16	20	15.6	0.0
L59A	Walton	34.80	10	P	P	16	20	15.5	0.0
L59A	baz=193			IAMB	IAMB	16	20	32.9	
L59A	comp=Z,48nm,1.0s			IAMS_20	IAMS_20	16	34	10.3	
K49A	comp=Z,6um,21.0s	34.81	359	P	P	16	20	13.7	-1.8
K49A	Clarkson	34.82	2	P	P	16	20	15.4	-0.2
K52A	Tillsonburg	34.82	2	P	P	16	20	15.4	-0.2
K46A	baz=183	34.83	356	P	P	16	20	12.8	-2.8
K48A	Dorr	34.85	358	P	P	16	20	14.2	-1.7
K48A	baz=174								
K48A	Perry	34.85	358	P	P	16	20	14.2	-1.7
ANMO	Albuquerque	34.90	324	P	P	16	20	17.1	+0.5
ANMO	comp=Z,27nm,0.8s,ba	34.90	324c	P	P	16	20	17.2	+0.5
ANMO	ANMO			pmax	pmax				
ANMO	comp=Z,42nm,1.0s	34.90	324	P	P	16	20	15.6	-1.1
ANMO	Albuquerque	34.90	324	P	P	16	20	16.6	0.0
K55A	Perry	34.94	5	P	P	16	20	15.2	-1.5
N35A	baz=187,SNR=5.2	34.95	342	P	P	16	20	14.9	-1.9
MMNY	Tabor	34.96	6	P	P	16	20	16.1	+0.7
MMNY	Mt. Morris Dam	34.96	6	IAMB	IAMB	16	20	52.9	
L40A	comp=Z,133nm,1.3s	34.97	348	P	P	16	20	14.9	-2.0
L40A	Anamosa			IAMB	IAMB	16	20	33.7	
M64A	comp=Z,85nm,0.9s	34.98	15	P	P	16	20	17.3	+0.3
M64A	Tiverton								
K56A	baz=199	34.99	6	P	P	16	20	16.5	-0.6
M66A	Middlesex	34.99	16	P	P	16	20	16.0	-1.1
L61A	baz=189	35.07	11	P	P	16	20	18.2	+0.4
L61A	Hillsdale 1, H								
GO02	baz=195	35.08	160	P	P	16	20	19.1	+0.7
GO02	Mina Guanaco			IAMB	IAMB	16	20	31.8	
L62A	comp=Z,104nm,1.1s	35.10	13	P	P	16	20	17.5	-0.6
L62A	Suffield								
K43A	baz=187	35.11	352	P	P	16	20	15.9	-2.3
K43A	Burlington			IAMB	IAMB	16	20	52.3	
M65A	comp=Z,124nm,1.6s	35.14	15	P	P	16	20	18.1	-0.3
M65A	Busby, Falnout								
M65A	baz=200	35.14	15	IAMS_20	IAMS_20	16	33	42.2	
L63A	comp=Z,6um,20.0s	35.18	14	P	P	16	20	19.1	+0.4
L63A	North Scituate								
BRYW	baz=199	35.25	14	IAMS_20	IAMS_20	16	36	40.1	
BRYW	Bryant College								
SCIA	comp=Z,6um,20.0s	35.26	346	P	P	16	20	17.8	-1.6
SCIA	State Center								
SCIA	baz=161,SNR=5.7	35.26	346	P	P	16	20	18.1	-1.4
SCIA	State Center			IAMB	IAMB	16	20	28.1	
K58A	comp=Z,74nm,0.8s	35.27	9	P	P	16	20	18.8	-0.8
K58A	Earlville								
K58A	baz=192	35.27	9	P	P	16	20	18.7	-0.8
K58A	Earlville			IAMB	IAMB	16	20	42.7	
K58A	comp=Z,57nm,0.9s			IAMS_20	IAMS_20	16	35	34.6	
J52A	comp=Z,7um,21.0s	35.29	2	P	P	16	20	18.3	-1.4
J52A	Paris								
J47A	baz=183	35.31	357	P	P	16	20	18.3	-1.6
J47A	Summer								
J47A	baz=176	35.31	357	P	P	16	20	18.1	-1.8
J47A	Summer			IAMS_20	IAMS_20	16	35	36.9	
J48A	comp=Z,7um,19.0s	35.33	358	P	P	16	20	19.3	-0.7
J48A	Bridge Port								
MEDO	baz=178	35.34	5	P	P	16	20	18.8	-1.3
MEDO	Medina								
J49A	Marlette	35.38	359	P	P	16	20	18.5	-1.9
T25A	baz=179	35.39	329	P	P	16	20	20.2	-0.7
T25A	Trinidad								
SALV	baz=140,SNR=11	35.40	132	eP	P	16	20	20.4	-0.5
SALV	Santo Antonio								
K59A	Cooperstown	35.40	10	P	P	16	20	19.3	-1.4
K60A	baz=193	35.42	11	P	P	16	20	21.0	+0.2
K60A	Five Rivers En								
J54A	baz=186	35.43	5	P	P	16	20	19.6	-1.2
J54A	Appleton								
L64A	comp=Z,9um,21.0s	35.44	15	P	P	16	20	20.6	-0.4
L64A	Middleborough								
J55A	baz=200	35.50	6	P	P	16	20	20.1	-1.3
J55A	Hilton								
J55A	baz=188	35.50	6	P	P	16	20	20.1	-1.3
J55A	Hilton			IAMS_20	IAMS_20	16	34	35.7	
TRY	comp=Z,10um,22.0s	35.57	11	P	P	16	20	21.2	-0.8
TRY	Troy			IAMB	IAMB	16	20	40.1	
TRY	comp=Z,88nm,1.0s			IAMS_20	IAMS_20	16	35	16.6	
K61A	comp=Z,5um,21.0s	35.59	12	P	P	16	20	22.2	-0.1
K61A	Williamstown								
J56A	baz=196	35.61	7	P	P	16	20	21.4	-1.0
J56A	Wolcott								
J56A	baz=189	35.61	7	P	P	16	20	21.2	-1.2
J56A	Wolcott			IAMB	IAMB	16	20	45.8	
J56A	comp=Z,98nm,0.9s			IAMS_20	IAMS_20	16	34	59.7	
JFWS	comp=Z,9um,21.0s	35.61	350	P	P	16	20	20.0	-2.5
JFWS	Jewell Farm			pmax	pmax				
JFWS	comp=Z,55nm,1.1s			MLR	MLR				
JFWS	comp=Z,4um,18.0s	35.61	350	P	P	16	20	20.0	-2.5
JFWS	Jewell Farm			IAMB	IAMB	16	20	36.0	
JFWS	baz=166,SNR=8.1	35.61	350	P	P	16	20	20.0	-2.5
JFWS	Jewell Farm								
J45A	comp=Z,55nm,1.1s	35.62	355	IAMS_20	IAMS_20	16	36	49.9	
J45A	Montague								
BCX	comp=Z,4um,18.0s	35.73	14	P	P	16	20	23.5	+0.1
BCX	Boston College			IAMB	IAMB	16	20	41.5	
WES	comp=Z,106nm,1.1s	35.74	14	IAMS_20	IAMS_20	16	35	44.2	
WES	Weston								
K62A	comp=Z,5um,19.0s	35.80	13	P	P	16	20	24.1	+0.1
K62A	Royalston								
HRV	baz=197	35.80	14	P	P	16	20	23.9	-0.2
HRV	Adam Dzewonski								
HRV	baz=198	35.80	14	IAMS_20	IAMS_20	16	35	53.7	
HRV	Adam Dzewonski								
I51A	comp=Z,4um,18.0s	35.83	2	P	P	16	20	23.4	-0.9
I51A	Listowel								
J57A	baz=182	35.85	8	P	P	16	20	23.3	-1.1
J57A	Williamstown								
J57A	baz=191	35.85	8	P	P	16	20	23.4	-1.1
J57A	Williamstown			IAMB	IAMB	16	20	48.0	
J57A	comp=Z,188nm,1.9s			IAMS_20	IAMS_20	16	35	05.1	
K38A	comp=Z,6um,22.0s	35.86	347	P	P	16	20	22.6	-1.9
K38A	Parkersburg			IAMB	IAMB	16	20	51.2	
J58A	comp=Z,104nm,1.1s	35.91	9	P	P	16	20	23.8	-1.2
J58A	Remsen								
J58A	baz=192,SNR=7.0	35.91	9	P	P	16	20	24.9	-0.1
J58A	Remsen			IAMB	IAMB	16	20	42.9	
J58A	comp=Z,95nm,0.9s			IAMS_20	IAMS_20	16	35	53.5	
I53A	comp=Z,7um,21.0s	35.91	3	P	P	16	20	23.5	-1.5
I53A	Kortright Cn E								
TUC	baz=185	35.92	317	P	P	16	20	26.1	+0.7
TUC	Tucson			pmax	pmax				
TUC	comp=Z,63nm,1.0s			MLR	MLR				
TUC	comp=Z,5um,21.0s								

TUC	baz=126	35.92	317	P	P	16	20	25.2	-0.1
TUC	Tucson			IAMB	IAMB	16	20	26.1	+0.7
TUC	comp=Z,63nm,1.0s	35.92	317	P	P	16	20	27.9	
TUC	Tucson			IAMS_20	IAMS_20	16	35	24.7	
I49A	comp=Z,5um,21.0s	35.95	359	P	P	16	20	24.0	-1.4
I49A	Point Hope								
I49A	baz=179	35.95	359	P	P	16	20	23.7	-1.6
I49A	Point Hope								
K63A	Dunstable	35.98	14	P	P	16	20	25.3	-0.2
K63A	baz=198								
KSC0	Kaye Shedlock'	36.00	333	P	P	16	20	25.0	-1.0
KSC0	baz=179								
KSC0	Kaye Shedlock'	36.00	333	P	P	16	20	24.6	-1.4
KSC0	KSC0			IAMB	IAMB	16	20	39.6	
I46A	comp=Z,193nm,1.8s	36.05	356	P	P	16	20	25.4	-0.8
I46A	Reed City								
I47A	baz=175	36.08	357	P	P	16	20	26.4	0.0
I47A	Gladwin								
J60A	comp=Z,6um,18.0s	36.11	11	P	P	16	20	26.8	+0.1
J60A	Lant Hill Farm								
J59A	baz=195	36.13	10	P	P	16	20	26.5	-0.4
J59A	Piesco								
J59A	baz=193	36.13	10	P	P	16	20	26.2	-0.7
J59A	Piesco			IAMB	IAMB	16	20	44.7	
J59A	comp=Z,65nm,0.9s			IAMS_20	IAMS_20	16	36	20.5	
ACCN	comp=Z,6um,18.0s	36.20	11	P	P	16	20	27.0	-0.5
ACCN	Adirondack Com			IAMB	IAMB	16	20	45.2	
ACCN	comp=Z,56nm,0.9s			IAMS_20	IAMS_20	16	36	33.9	
I45A	comp=Z,5um,21.0s	36.21	355	P	P	16	20	26.5	-1.0
I45A	Fountain								
I45A	baz=174	36.21	355	IAMS_20	IAMS_20	16	37	17.5	
I45A	Fountain								
I48A	comp=Z,5um,19.0s	36.22	358	P	P	16	20	26.0	-1.6
I48A	Sherman Twp								
PECO	baz=178	36.24	7	P	P	16	20	28.1	+0.3
PECO	Prince Edward			IAMB	IAMB	16	20	45.0	
PECO	PECO								
BGNE	comp=Z,49nm,1.0s	36.25	340	P	P	16	20	26.7	-1.3
BGNE	Belgrade								
BGNE	baz=153	36.25	340	P	P	16	20	27.5	-0.5
BGNE	Belgrade			IAMB	IAMB	16	21		

2d 16h

Table with columns for team names (e.g., CCB, POKR, RND), scores, and performance indicators. Includes sub-headers like 'comp=Z,92nm,1.2s'.

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Table with columns for team names (e.g., PAB, DAG, TIC), scores, and performance indicators. Includes sub-headers like 'Iamb Iamb'.

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Table with columns for team names (e.g., GRF, FETA, SALO), scores, and performance indicators. Includes sub-headers like 'eL L'.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like D53A Lac Vacive, DBIC Dimbokro, SRU Mount Pierson, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PB01 IPOC Station P, PB07 IPOC Station P, PB16 IPOC Station P, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LLLP Lapu-Lapu, LBP Tagbilaran, MSLP Maasin, etc.

NEIC 02 17:40:19.70.9, 19.88S:0.04:70.12W:0.06, h51km, 4km, mb4.3/4, ML4.4(GUC), Error ellipse: s-maj=8.9km s-min=4.6km az=60.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, etc.

IDC 02 17:16:09.0-1.7, 2.29S-139.98E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.3/29, mbmp3.4/3, ML3.5/1.1, Error ellipse: s-maj=31.8km s-min=11.6km az=11.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like JAY Jayapura, WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 02 17:21:52.4, 1.0-1.7, 2.29S-139.98E, h0km, mb3.4/2, Mwr4.0/33, Error ellipse: s-maj=13.5km s-min=7.6km az=104.0

IDC 02 17:21:51.0-1.2, 19.89S:70.80W, h0km, mb4.0/4, mb1 4.0/6, mb1mx3.8/34, mbmp3.9/6, ML3.8/2, MS4.2/2, Ms1 4.2/2, ms1mx3.3/31, Error ellipse: s-maj=38.7km s-min=27.7km az=90.0

NEIC 02 17:21:52.5, 20.11S:70.99W, h21km, Moment Tensor Solution, Moment tensor: Scale 1015Nm, M1:2.1, M2:0.05, M3:1.16, M4:0.12, M5:0.49, M6:0.34, Fault plane solution: M1:33000*1015, NP2:1339.80000*, 552.93000*, 190.70000*, NP2:158.64000*, 837.08000*, 189.08000*. Principal axes: T 1.2584, Plg82.0000*, Azm253.0000*, N 0.1326, Plg1.0000*, Azm159.0000*; P -1.3910, Plg8.0000*, Azm69.0000*

GUC 02 17:21:54.1-0.7, 20.07S:70.95W, h33km, 2km, ML3.7, ISC 02 17:21:49.0-1.7, 20.02S:0.03:70.99W, h0.06, h0km, 10km, n46, e1934/54, mb4.0/4, 9C-4D, Near coast of northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, etc.

IDC 02 17:30:14.4-0.6, 54.75S:31.45W, h0km, mb4.3/12, mb1 4.4/12, mb1mx4.2/33, mbmp4.3/12, Error ellipse: s-maj=25.0km s-min=15.4km az=57.0

NEIC 02 17:30:16.4-1.3, 54.85S:31.45W, h21km, 4km, mb4.7/10, Error ellipse: s-maj=21.9km s-min=3.7km az=61.0

ISC 02 17:30:15.8-0.5, 54.67S:31.01W, h10km, n59, e1333/52, mb4.5/15, South Georgia Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

IDC 02 17:30:14.4-0.6, 54.75S:31.45W, h0km, mb4.3/12, mb1 4.4/12, mb1mx4.2/33, mbmp4.3/12, Error ellipse: s-maj=25.0km s-min=15.4km az=57.0

NEIC 02 17:30:16.4-1.3, 54.85S:31.45W, h21km, 4km, mb4.7/10, Error ellipse: s-maj=21.9km s-min=3.7km az=61.0

ISC 02 17:30:15.8-0.5, 54.67S:31.01W, h10km, n59, e1333/52, mb4.5/15, South Georgia Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

MAN 02 17:35:11.3, 10.05N:123.96E, h40km, mb3.5, ML2.2, MS1.6, 1D, Cebu

Table with columns: WRA, ZALV, MAKZ, MK31, MKAR, MKAR, MJAR, SONM. Includes station names, coordinates, and various codes.

IDC 02 17:42:23.41.2, 19:47S:70:92W, h0km, mb3.9/5, mb1 4.0/8, mb1mx3.8/31, mbtmp3.9/8, ML3.7/2, Error ellipse: s-maj=36.7km s-min=24.9km az=93.0 NEIC 02 17:42:26.11.3, 19:55S:0:1.70:9W.0.2, h21km,5km, mb4.1/1, Error ellipse: s-maj=26.0km s-min=15.7km az=114.0

GUC 02 17:42:27.10.7, 19:62S:70:95W, h32km,2km, ML4.1 IDC 02 17:42:26.80.9, 19:62S:03:70:89W.0.10, h21km,5km, n31, n19/20/43, mb4.0/5, 6C-1D, Near coast of northern Chile

Main table for Chile stations. Columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Pisagua, Diego Aracena, Minye Minye, Chusmiza, Limon Verde, etc.

IDC 02 17:49:51.72.0, 5:67N:126:46E, h90km,20km, mb3.2/5, mb1 3.3/6, mb1mx3.1/46, mbtmp3.5/6, Error ellipse: s-maj=78.0km s-min=15.0km az=66.0 MAN 02 17:49:52.1, 5:56N:126:65E, h40km, mb4.8, ML3.7, MS3.6 DJA 02 17:49:59.11.0, 5:9N:126:6E, h167km,24km, M3.9/6, mb4.6/4, mb3.7/6, MLV4.0/6, MW6.3/8.4

IDC 02 17:49:52.31.0, 5:42N:100:06E, h126.54E, 0.08, h74km,16km, n20, n20/42/27, mb3.5/5, 2C-1D, Mindanao

Main table for Mindanao stations. Columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Don Marcelino, Mati, General Santos, Davao City, etc.

IDC 02 17:55:12.3.9, 20:49S:71:42W, h0km, mb5.1/1

mb1 3.7/2, mb1mx3.5/23, mbtmp3.4/2, ML3.3/1, Error ellipse: s-maj=156.9km s-min=62.7km az=141.0, Off coast of northern Chile

Table for Chile stations. Columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like La Paz, YKA, MKAR.

IDC 02 17:56:30.25.1, 37:10N:143:80E, h0km, mb3.5/2, mb1 3.5/5, mb1mx3.3/53, mbtmp3.5/5, ML3.1/3, MS4.1/1, Ms1 4.1/1, ms1mx3.0/41, Error ellipse: s-maj=95.2km s-min=27.1km az=147.0 JMA 02 17:56:33.50.2, 37:13N:143:64E, h60km, M3.3

ISC 02 17:56:33.91.5, 37:13N:143:07E, h35km, n22, n152/34, Off east coast of Honshu

Main table for Honshu stations. Columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Ishinomakikobu, Kawauchi, Ouri, etc.

KRNET 02 17:59:05.9.0.1, 39:04N:73:09E, mb2.8 NNC 02 17:59:16.84.2, 39:75N:72:77E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=34.5km s-min=21.0km az=162.0

SOME 02 17:59:16.9, 39:38N:72:72E, h5km ISC 02 17:59:10.4.2.5, 39:1N:0:1.72:91E, h10km, n17, n258/28, 7C-5D, Kyrgyzstan

Main table for Kyrgyzstan stations. Columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Batken, Arslanbob, ARK, etc.

IDC 02 18:01:49.9.0.2, 37S:139:91E, h0km, mb3.9/5, mb1 4.1/6, mb1mx3.7/35, mbtmp4.0/6, ML4.0/1, Error ellipse: s-maj=22.7km s-min=9.2km az=12.0 DJA 02 18:01:54.6.0.8, 2:5S:114:0E.1, h21km,3km, M4.2/4, mb4.5/3, MLV4.0/4

ISC 02 18:01:53.60.8, 2:67S:108:140:23E, h0.6, h25km, n14, n271/17, mb3.9/4, Near north coast of Irian Jaya

Table for Irian Jaya stations. Columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Genyem, Jayapura, etc.

Table for SOEI, BBSI, WRA, FITZ, ASAR, ASAR, CMAR, MKAR, ZALV, DBIC stations. Columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res.

IDC 02 18:07:34.7.2.2, 43:78N:105:51W, h0km, mb1 3.4/3, mb1mx3.2/41, mbtmp3.2/3, ML2.7/2, Error ellipse: s-maj=59.5km s-min=5.9km az=149.0 NEIC 02 18:07:35.82.7, 43:81N:106:105:28W.0:03, h0km,2km, ML3.2/70, Error ellipse: s-maj=9.9km s-min=3.1km az=164.0

ISC 02 18:07:34.61.1, 43:81N:105:105:26W.0:05, h0km, n60, n149/60, Wyoming

Main table for Wyoming stations. Columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Black Hills, Casper, Pilot Hill, Rawlins, etc.

IDC 02 18:20:56.01.3, 6:37S:154:55E, h0km, mb3.8/11, mb1 4.0/13, mb1mx3.9/35, mbtmp3.9/13, ML1.8/1, Error ellipse: s-maj=35.3km s-min=18.9km az=117.0

ISC 02 18:21:03.51.0, 6:56S:109:154:4E.0:1, h48km, n13, n141/15, mb3.8/11, Bougainville-Solomon Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
PB04	IPOC Station P	2.25 170	Pn	19 30 09.3 -0.4	
PB04	IPOC Station P	2.25 170	iP	19 30 08.7 -1.0	
PB04	comp=Z,2.1um,0.5s		IAML	19 30 47.2	
PB06	IPOC Station P	2.75 160	iP	19 30 16.5 -0.1	
PB06	IPOC Station P	2.75 160	iS	19 30 49.5 -0.3	
PB06	comp=E,1.1um,0.4s		IAML	19 30 59.7	
PB06	IPOC Station P	2.75 160	iP	19 30 16.4 -0.1	
PB06	IPOC Station P	2.75 160	iS	19 31 01.1	
PB06	comp=Z,1.1um,0.9s		IAML	19 30 23.3 -0.1	
PB05	IPOC Station P	2.75 173	iP	19 30 15.6 -1.0	
PB05	IPOC Station P	2.75 173	iS	19 31 02.9	
PB05	comp=Z,5.88nm,0.6s		IAML	19 30 20.6 +1.4	
LVC	Limon Verde	2.93 148	Pn	19 30 20.6 +1.4	
LVC	comp=Z,4.1nm,0.3s,baz=329,slow=9.2,SNR=52		Sn	19 30 54.6 0.0	
LVC	comp=Z,5.9nm,0.3s,baz=65,slow=18,SNR=6.8		Lg	19 31 00.4	
LVC	comp=Z,2.00nm,0.3s,baz=156,slow=19.2,SNR=6.1		Lg	19 30 21.0 +1.7	
LVC	Limon Verde	2.93 148	iP	19 30 54.4 -0.2	
LVC	Limon Verde	2.93 148	iS	19 30 20.9 +1.6	
LVC	Limon Verde	2.93 148	iP	19 30 19.7 +0.4	
LVC	Limon Verde	2.93 148	iS	19 31 06.5	
LVC	comp=Z,3.74nm,0.6s		IAML	19 30 19.6 +0.3	
LVC	Limon Verde	2.93 148	eP	19 30 21.8 -1.7	
PB15	IPOC Station P	3.25 162	iP	19 30 23.5 -0.1	
PB15	IPOC Station P	3.25 162	iS	19 31 23.4	
PB15	comp=Z,2.1um,0.3s		IAML	19 30 24.6 -0.7	
PB10	IPOC Station P	3.39 180	iP	19 30 24.7 -0.5	
PB10	IPOC Station P	3.39 180	iS	19 30 46.9 -4.2	
LPAZ	La Paz	4.45 32	Pn	19 32 46.6	
LPAZ	comp=Z,5.29nm,18.6s,baz=208,slow=44		LR	19 30 47.0 -4.1	
LPAZ	La Paz	4.45 32	Pb	19 30 39.0 -1.8	
PB14	IPOC Station P	4.50 178	iP	19 30 48.0 -1.0	
GO02	Mina Guanaco	5.11 170	Pn	19 30 52.0 +2.1	
YJA	Yavi	5.15 114	iP	19 31 09.9 +1.1	
AZAP	Zapla	6.54 130	Pn	19 31 20.7 -0.6	
GO03	Copiap	7.46 178	Pn	19 31 54.9 -0.1	
SIV	San Ignacio	9.92 67	Pn	19 36 22.8	
SIV	comp=Z,9.0nm,0.3s,baz=272,slow=16,SNR=9.6		LR	19 31 53.9 -2.7	
GO04	Tololo Observa	10.02 181	Pn	19 32 37.3 -2.6	
SAM1	Samuel	13.20 34	Pn	19 32 46.0 +0.8	
SAM1	Samuel	13.20 34	Pn	19 38 53.5	
CPUP	Villa Florida	13.65 119	LR	19 32 59.5 -1.7	
SALV	San Antonio	14.76 76	eP	19 33 28.4 -1.0	
CLDB	Colider	16.93 59	eP	19 33 28.4 -1.0	
PTBG	Pitanga	17.71 108	eP	19 33 45.4 -2.0	
ARAG	Araguaiana, MT	18.38 79	eP	19 33 54.2 -0.1	
ITRB	Iturama	19.01 92	eP	19 33 58.3 -0.6	
GO06	Curarahue	19.43 182	P	19 34 02.2 -0.5	
FRTB	Fatura	19.78 103	eP	19 34 11.8 +0.6	
PLCA	Paso Flores	20.56 96	P	19 34 24.0 -1.5	
BB19B	Bebedouro	20.65 96	P	19 34 34.7	
PTGA	Pitinga	21.88 30	P	19 34 24.6 -0.8	
PTGA	Pitinga	21.88 30	P	19 34 24.7 -1.3	
PTGA	comp=Z,6.9nm,0.9s		IAMB	19 34 31.1	
BDFB	Brasilia	21.92 82	IAMB	19 34 50.9 +1.9	
BDFB	comp=Z,2.8nm,0.5s,baz=173,slow=9.7,SNR=1.8		IAMB	19 35 01.4 +0.2	
BDFB	Brasilia	21.92 82	IAMB	19 35 01.9 +1.9	
BDFB	comp=Z,4.4nm,1.1s		IAMB	19 35 02.3 -0.9	
BDFB	Bom Sucesso	24.16 97	eP	19 35 06.3 +0.3	
JANB	Januaría	25.52 83	eP	19 34 11.8 +0.6	
SJMB	Sao Joao De Ma	27.74 92	eP	19 34 24.0 -1.5	
NBLA	Lagarto - SE	32.80 79	eP	19 34 24.7 -1.3	
Z50A	Ashland	55.05 344	IAMB	19 39 28.9 +1.9	
Z50A	comp=Z,5.7nm,0.8s		IAMB	19 39 38.0	
WVT	Waverly	58.27 344	P	19 39 54.1 +0.8	
WVT	comp=Z,4.6nm,0.7s		IAMB	19 40 03.9	
SFIN	Lafayette	62.12 346	P	19 40 45.7 +2.1	
SFIN	comp=Z,6.6nm,0.7s		IAMB	19 40 48.8 +1.3	
DBIC	Dimbokro	69.85 75	P	19 41 08.6 +1.2	
DBIC	comp=Z,1.5nm,0.4s,baz=221,slow=9.5,SNR=6.8		IAMB	19 41 22.8	
K22A	Casper	70.70 333	P	19 41 31.9 +1.9	
RLMT	Red Lodge	73.87 333	P	19 42 28.7 +0.2	
RLMT	comp=Z,4.3nm,0.6s		IAMB	19 42 50.7	
VNDA	Vanda	77.94 190	P	22 07 50.7	
VNDA	comp=Z,0.3nm,0.4s,baz=85,slow=5.7,SNR=1.9		IAMB	22 08 01.8	
YKA	Yellowknife Ar	89.37 341	P	22 07 59.3	
YKA	comp=Z,0.4nm,0.8s,baz=194,slow=5.0,SNR=6.9		IAMB	22 08 03.0	
H1S2	WAKE ISLAND Hy26.15 279	T	T	22 07 55.9	
H1S1	WAKE ISLAND Hy26.16 279	T	T	22 07 55.9	
H1S3	WAKE ISLAND Hy26.17 279	T	T	22 07 55.9	
H1N3	WAKE ISLAND Hy26.20 280	T	T	22 07 55.9	
H1N2	WAKE ISLAND Hy26.21 280	T	T	22 07 55.9	
H1N1	WAKE ISLAND Hy26.22 280	T	T	22 07 55.9	
ASAR	Alice Springs	130.38 210	PKP	19 48 43.4 -0.4	
ASAR	comp=Z,0.3nm,0.6s,baz=133,slow=1.5,SNR=4.4		PKP	19 48 49.4 0.0	
WARR	Warramunga Arr	145.31 213	PKP	19 49 02.5 -0.5	
WARR	comp=Z,0.2nm,0.6s,baz=142,slow=2.0,SNR=4.8		PKP	19 49 10.1 -0.2	
ZALV	Zalesovo Beam	141.33 23	PKP	19 49 10.4 +0.1	
ZALV	comp=Z,0.3nm,0.3s,baz=293,slow=2.2,SNR=1.6		PKP	19 49 09.8 -0.5	
MK31	Makanchi Array	145.38 33	PKP	19 49 09.8 -0.5	
MK31	comp=Z,0.5nm,0.5s,baz=312,slow=3.0,SNR=13		PKP	19 49 28.5 +0.2	
MKAR	Makanchi Array	145.38 33	PKP	19 49 28.5 +0.2	
MKAR	comp=Z,0.4nm,0.8s,baz=300,slow=3.7,SNR=3.1		PKP		
SOM1	Songino Array	152.02 4	PKP		
SOM1	comp=Z,0.4nm,0.8s,baz=300,slow=3.7,SNR=3.1		PKP		

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ICD 02 19:45:52.0.6.20:43S:70:56W,h20km,mb3.8/3, mb1 4.0/3,mb1mx3.6/24,mbmp3.8/3,Error ellipse: s-maj=1056.0km s-min=157.7km az=82.0,South of Fiji Islands

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
STKA	Stephens Creek	35.64 244	Op	19 48 28.8 +0.2	
STKA	comp=Z,0.6nm,0.6s,baz=86,slow=8.3,SNR=3.0		ISC	19 30 16.4 -0.1	
ASAR	Alice Springs	42.17 257	P	19 30 23.3 -0.1	
ASAR	comp=Z,0.7s,baz=95,slow=8.0,SNR=4.4		P	19 49 23.4 -0.3	
WRA	Warramunga Arr	42.20 263	P	19 49 23.4 -0.3	
WRA	comp=Z,0.6nm,0.5s,baz=96,slow=8.3,SNR=1.7		P		
ICD 02 19:45:56.14.0.3.20:36S:0:02:70:87W,0:02,h32km, Mb5.3/101, Moment Tensor Solution, s62,273; s101,c147; Duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mw:0.96±0.04; Mw:0.03±0.03; Mo:0.93±0.03; Mo:0.13±0.03; Mo:0.05±0.02; Mo:0.67±0.04; Best double couple: Mo:1.16000±0.17200000; δ27.000000; λ98.000000. Principal axes: T 0.9949, Plg77.000000; Azm74.000000; N 0.0733, Plg1.000000; P -1.0682, Plg13.000000; Azm260.000000; GCMT 02 19:45:56.14.0.3.20:36S:0:02:70:87W,0:02,h32km, Mb5.3/101, Moment Tensor Solution, s62,273; s101,c147; Duration: 1s1 Moment tensor: Scale 10 ¹⁷ Nm; Mw:0.96±0.04; Mw:0.03±0.03; Mo:0.93±0.03; Mo:0.13±0.03; Mo:0.05±0.02; Mo:0.67±0.04; Best double couple: Mo:1.16000±0.17200000; δ27.000000; λ98.000000. Principal axes: T 1.1800, Plg72.000000; Azm74.000000; N -0.0290, Plg4.000000; Azm174.000000; P -1.1510, Plg18.000000; Azm266.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function					
ICD 02 19:45:57.1.2.0.20:43S:70:56W,0:04,h19km,3km, n61,c138/64,mb4.0/4,2C-3D,Near coast of northern Chile					
Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
PSGC	Pisagua	0.40 40	iP	19 43 27.8 +1.1	
PSGC	Pisagua	0.40 40	iS	19 43 33.7 -0.1	
PSGC	comp=E,14um,0.4s		IAML	19 43 34.8	
PSGC	Pisagua	0.40 40	Pn	19 43 27.3 +0.7	
PSGC	Pisagua	0.40 40	Pb	19 43 33.0 -0.5	
TA01	Diego Aracena	0.69 163	iP	19 43 30.0 +2.5	
TA01	Diego Aracena	0.69 163	iS	19 43 42.7 +2.1	
TA01	comp=N,10um,0.3s		IAML	19 43 46.4	
PB11	IPOC Station P	0.71 78	iP	19 43 31.8 +0.8	
PB11	IPOC Station P	0.71 78	iS	19 43 40.8 -0.8	
PB11	comp=N,16um,0.3s		IAML	19 43 41.6	
PB11	IPOC Station P	0.71 78	Pn	19 43 31.5 +0.5	
MNMC	Minye Minye	1.08 45	iP	19 43 37.1 +0.9	
MNMC	Minye Minye	1.08 45	iS	19 43 51.0 +1.1	
MNMC	comp=N,10um,0.1s		IAML	19 43 52.2	
MNMC	Minye Minye	1.08 45	Pn	19 43 36.9 +0.7	
GO01	Chuzmiza	1.16 78	iP	19 43 50.2 +0.3	
GO01	Chuzmiza	1.16 78	iS	19 43 53.8 +0.1	
GO01	comp=E,10um,0.1s		IAML	19 43 53.8	
GO01	Chuzmiza	1.16 78	Pg	19 43 38.5 +0.2	
PB08	IPOC Station P	1.19 101	iP	19 43 39.2 +0.3	
PB08	IPOC Station P	1.19 101	iS	19 43 54.3 -0.4	
PB08	comp=N,3um,0.3s		IAML	19 43 58.1	
PB12	IPOC Station P	1.29 3	Pn	19 43 40.0 +1.1	
PB01	IPOC Station P	1.42 143	eP	19 43 42.9 -0.2	
PB01	IPOC Station P	1.42 143	iS	19 44 01.6 -0.1	
PB01	IPOC Station P	1.42 143	Pn	19 43 41.5 -0.5	
PB16	IPOC Station P	1.78 28	Pn	19 43 47.6 +1.6	
PB07	IPOC Station P	1.87 165	eP	19 43 50.4 -1.5	
PB07	IPOC Station P	1.87 165	iS	19 44 11.9 -0.8	
PB07	IPOC Station P	1.87 165	Pb	19 43 50.7 -1.2	
PB09	IPOC Station P	2.17 150	eP	19 43 54.5 -0.1	
PB09	IPOC Station P	2.17 150	iS	19 44 21.2 0.0	
PB09	IPOC Station P	2.17 150	Sb	19 44 33.8	
PB09	comp=N,3um,0.6s		IAML	19 44 49.7	
PB09	IPOC Station P	2.17 150	Pb	19 43 54.2 -0.3	
PB09	IPOC Station P	2.17 150	Pb	19 43 58.5 -0.5	
LVC	Limon Verde	3.03 153	Pn	19 44 07.3 -1.9	
LVC	comp=E,49nm,0.3s,baz=337,slow=8.9,SNR=30		Lg	19 44 49.7	
LVC	Limon Verde	3.03 153	Pb	19 44 06.8 -2.5	
LVC	Limon Verde	3.03 153	Pb	19 44 07.4 -1.9	
PB15	IPOC Station P	3.04 165	Pn	19 44 12.7 -2.8	
PB10	IPOC Station P	3.59 182	Pn	19 44 12.6 +2.2	
LPAZ	La Paz	4.20 31	Pn	19 44 24.9 +5.5	
LPAZ	comp=Z,2.9nm,0.3s,baz=337,slow=2.2,SNR=2.5		Pn	19 44 23.4 +4.1	
PB04	Mina Guanaco	4.20 31	Pn	19 44 27.5 +1.5	
GO12	Mina Guanaco	5.28 172	Pn	19 44 37.1 +3.1	
SIV	San Ignacio	9.69 68	Pn	19 45 35.2 +0.8	
SIV	comp=Z,0.3nm,0.3s,baz=262,slow=1.5,SNR=4.2		Pn	19 46 30.7 +2.8	
CUP	Villa Florida	13.61 120	Pn	19 46 40.3 +2.2	
CUP	comp=Z,0.1nm,0.3s,baz=262,slow=2.0,SNR=1.7		Pn	19 46 43.0 +2.2	
SALV	San Antonio	14.55 76	eP	19 47 08.6 -0.1	
CLDB	Colider	16.69 60	eP	19 47 08.6 -0.1	
FRBC	Terra Rica	16.69 60	eP	19 47 08.6 -0.1	

SAML Samuel	13.46	33	P	Pn	19 48 55.9 -4.1
SAML Samuel	13.46	33	P	Pn	19 48 55.9 -4.1
SAML Samuel	13.46	33	eP	Pn	19 48 58.8 -1.3
CPUP Villa Florida	13.50	118	Pn	Pn	19 49 00.8 +0.2
CPUP Villa Florida	13.50	118	P	Pn	19 49 02.7 +2.1
SAH Santo Antonio	14.83	75	eP	Pn	19 49 18.4 +0.5
ATAH Alhualpa	15.23	329	Pn	Pn	19 49 25.6 +1.0
ATAH comp=Z,0.4nm,0.3s,baz=269,slow=1.5				LR	19 55 42.3
CLDB Colider	17.09	58	eP	Pn	19 49 46.6 -1.4
PTGB Pitanga	17.61	107	eP	Pn	19 49 56.8 +1.9
PCMB Pacaembu	18.07	97	eP	Pn	19 49 58.8 -1.6
ITAB Concordia	18.17	115	eP	Pn	19 50 01.1 -0.3
LPA La Plata	18.24	145	eP	Pn	19 49 57.5 -4.6
LPA LPA			S	Sn	19 53 19.4 -5.9
LPA LPA			SSS	SSS	19 53 55.7
LPA LPA			PCP	PCP	19 54 30.1 -4.3
LPA LPA			SSS	SSS	19 55 05.3
ARAG Araguaiana, MT	18.44	78	eP	P	19 50 02.9 -1.7
PLTB Pedras Altas	18.94	130	eP	P	19 50 10.4 +0.3
GO06 Curarahue	19.11	182	P	P	19 50 12.3 +0.3
FRFB Fartura	19.71	102	eP	P	19 50 18.5 -0.1
PLCA Paso Flores	20.25	180	P	P	19 50 25.0 +0.7
PLCA Paso Flores	20.25	180	P	P	19 50 25.0 +0.7
RCLB Rio Claro- Sao	21.54	99	eP	P	19 50 36.8 -1.6
SPB Sao Paulo	21.68	103	P	P	19 50 37.7 -2.1
SPB Sao Paulo	21.68	103	P	P	19 50 40.1 +0.3
BDFB Brasilia	21.96	81	P	P	19 50 41.7 -1.3
BDFB comp=Z,36nm,0.9s,baz=249,slow=13,SNR=18				LR	20 00 44.4
BDFB Brasilia	21.96	81	P	P	19 50 41.5 -1.6
BDFB comp=Z,80nm,1.2s				pmax	pmax
BDFB Brasilia	21.96	81	P	P	19 50 41.5 -1.6
VAO Valinhos	22.07	101	eP	P	19 50 43.4 +0.8
PTGA Pitanga	22.15	29	P	P	19 50 42.5 -2.4
PTGA comp=Z,150nm,0.8s,baz=205,slow=11,SNR=44				LR	19 59 52.9
PTGA Pitanga	22.15	29	P	P	19 50 42.2 -2.8
PTGA comp=Z,148nm,0.8s				Iamb	Iamb
PTGA Pitanga	22.15	29	eP	P	19 50 42.7 -2.2
FLOC Florencia	22.43	347	eP	P	19 50 47.5 -0.5
CRUC La Cruz	22.73	343	eP	P	19 50 57.5 +5.9
GARC Garzon, Huila	22.96	347	eP	P	19 50 52.5 -1.5
SOTA Sota	23.19	345	eP	P	19 50 52.2 +1.6
PCON Cinco Dias	23.32	102	eP	P	19 50 59.1 +1.3
PARB Paraiubana	23.32	102	eP	P	19 50 56.5 -0.8
BETC Betania	23.45	348	eP	P	19 50 58.6 +0.1
POPC Popayan, Colom	23.45	345	eP	P	19 51 01.1 +1.0
PRAC Prado	24.36	350	eP	P	19 51 08.1 +0.9
GR1C Gorgona, Isla	24.54	341	eP	P	19 51 07.1 -0.8
VILC Villavicencio,	24.57	352	eP	P	19 51 08.0 -1.2
ORTC Ortega, Tolima	24.61	349	eP	P	19 51 10.9 +1.4
YOTC Yotoco, Valle	24.91	346	eP	P	19 51 12.1 -0.1
CHIC Chingaza	25.09	353	eP	P	19 51 14.1 0.0
ANIL Santa Ana	25.17	349	eP	P	19 51 13.9 -1.3
ROSC El Rosal	25.37	351	P	P	19 51 17.2 +0.5
ROSC comp=Z,44nm,0.8s,baz=196,slow=7.0,SNR=14				Iamb	Iamb
ROSC El Rosal	25.37	351	P	P	19 51 17.3 +0.5
ROSC comp=Z,62nm,0.9s				Iamb	Iamb
JANB Januaría	25.56	82	eP	P	19 51 15.9 -2.1
RREF El Recreo	25.60	349	eP	P	19 51 21.0 +1.9
PLMC San Jos del P	25.79	347	eP	P	19 51 19.9 -0.2
GU2C Guyana, Caidas	25.92	349	eP	P	19 51 22.2 +0.5
NORC Norcasia	26.17	350	eP	P	19 51 21.8 -1.8
RUSC La Rusia	26.17	354	eP	P	19 51 25.4 +0.4
CBOC Ciudad Bolivar	26.66	348	eP	P	19 51 26.1 -2.1
TAMC Tame, Arauca	26.72	357	eP	P	19 51 28.3 -0.2
HELK Santa Helena	26.89	349	eP	P	19 51 29.8 -0.6
PTBC PUERTO BERRIO,	27.07	351	eP	P	19 51 29.8 -1.8
PAMC Pamplona, Colo	27.17	365	eP	P	19 51 36.3 -1.4
SJMB Sao Joao De Ma	27.73	92	eP	P	19 51 36.9 -0.7
BSFB Barra de Sao F	28.02	92	eP	P	19 51 40.1 -0.1
ZARC Zaragoza, Cauc	28.06	351	eP	P	19 51 39.1 -1.4
SDV Santo Domingo	29.12	360	P	P	19 51 48.8 -1.9
SDV comp=Z,25nm,1.1s,baz=179,slow=7.9,SNR=15				LR	20 04 37.4
SDV Santo Domingo	29.12	360	eP	P	19 51 48.4 -1.8
SDV Santo Domingo	29.12	360	eP	P	19 51 48.3 -1.9
SDV Santo Domingo	29.12	360	eP	P	19 51 48.1 -1.4
SMLC San Martin de	30.24	353	eP	P	19 51 48.6 -2.4
SJCC San Jacinto, C	30.47	351	eP	P	19 52 01.1 -0.8
MDP Montañas des	30.88	37	P	P	19 52 04.5 -1.0
MDP comp=Z,31nm,0.8s,baz=214,slow=9.1,SNR=9.8				LR	20 05 22.6
PLCV Puerto La Cruz	30.96	12	P	P	19 52 05.6 -0.6
PCRV Puerto La Cruz	30.96	11	P	P	19 52 05.6 -0.7
PCRV comp=Z,10nm,0.7s,baz=119,slow=3.5,SNR=2.5				LR	20 05 32.4
TOSP Speyside	33.03	18	P	P	19 52 24.0 -0.4
USHA Ushuaia	34.39	178	LR	LR	20 05 44.0
RPN comp=Z,49nm,19.8s,baz=352,slow=35				LR	20 04 00.2
RPN Rapa Nui	35.99	252	LR	LR	20 04 00.2
RCBR Riachuelo	36.64	72	P	P	19 52 54.3 -1.5
RCBR Riachuelo	36.64	72	P	P	19 52 54.4 -1.3
RCBR comp=Z,72nm,1.2s				Iamb	Iamb
RCBR Riachuelo	36.64	72	P	P	19 52 54.4 -1.3
RCBR comp=Z,72nm,1.2s				Iamb	Iamb
RCBR Riachuelo	36.64	72	eP	P	19 52 54.4 -1.3
ICMP Isla Caja de M	38.28	6	P	P	19 53 06.5 -2.9
MLPR Magueyes Islan	38.31	5	P	P	19 53 07.8 -1.8
MLPR comp=Z,95nm,1.2s				Iamb	Iamb
CRPR Cabo Rojo, PR	38.34	5	P	P	19 53 07.8 -2.1
OBIP Obispado Ponce	38.42	6	P	P	19 53 07.0 -3.6
OBIP comp=Z,41nm,0.9s				Iamb	Iamb
PDRP Patillas Dam,	38.46	7	P	P	19 53 08.4 -2.5
PDRP comp=Z,46nm,0.8s				Iamb	Iamb
SJG San Juan	38.54	7	P	P	19 53 08.7 -2.9
SJG comp=Z,35nm,0.6s,baz=176,slow=5.5,SNR=16				P	19 53 08.6 -3.0
SJG San Juan	38.54	7	P	P	19 53 08.6 -3.0
SJG comp=Z,38nm,0.8s				Iamb	Iamb
SJG San Juan	38.54	7	P	P	19 53 08.6 -3.0
SJG comp=Z,38nm,0.8s				Iamb	Iamb
MPR Mayaguez	38.54	5	P	P	19 53 09.5 -2.1
MPR comp=Z,69nm,1.0s				Iamb	Iamb
MTP Monte Pirata	38.60	8	P	P	19 53 09.5 -2.6
MTP comp=Z,111nm,1.4s				Iamb	Iamb
HUMP Col San Antoni	38.60	7	P	P	19 53 09.6 -2.5
HUMP comp=Z,93nm,1.4s				Iamb	Iamb
GCPR Guaynabo City	38.74	7	P	P	19 53 10.6 -2.7
GCPR comp=Z,35nm,0.7s				Iamb	Iamb
CUPR Culebra, Puert	38.84	8	P	P	19 53 11.0 -3.1
CUPR comp=Z,43nm,0.7s				Iamb	Iamb
MTDJ Mount Denham	39.01	349	P	P	19 53 16.3 +0.6
MTDJ comp=Z,46nm,0.8s				Iamb	Iamb
APG El Apazote	40.27	329	P	P	19 53 27.1 +0.7
TEIG Tepich	43.96	336	P	P	19 53 56.2 0.0
TEIG comp=Z,18nm,0.7s				Iamb	Iamb
TEIG Tepich	43.96	336	Iamb	Iamb	19 53 57.5
DWPF Disney Wilder	49.38	347	P	P	19 54 38.5 0.0
556A Williston	50.83	347	P	P	19 54 49.3 -0.2
553A Crawfordville	52.06	345	P	P	19 54 58.8 -0.2
451A Vernon	52.80	344	P	P	19 55 04.0 -0.2
TIGA Trifton	53.06	346	P	P	19 55 05.9 -0.2

ZAIG Zacatecas	53.08	322	P	P	19 55 07.9 +1.1
255A Hazlehurst	53.29	347	P	P	19 55 07.4 -0.3
255A comp=Z,43nm,1.0s				Iamb	Iamb
352A Blakely	53.41	345	P	P	19 55 08.0 -0.7
158A Hollywod	53.66	350	P	P	19 55 10.9 +0.5
157A Early Branch	53.73	349	P	P	19 55 10.8 -0.2
258A Charles Lee	53.88	350	P	P	19 55 10.5 -1.5
CSU Georgetown, SC	54.01	351	P	P	19 55 13.5 +0.5
NHSC New Hope	54.01	350	P	P	19 55 12.9 -0.2
NHSC St. Stephen	54.01	350	P	P	19 55 13.0 0.0
258A St. Stephen	54.18	350	P	P	19 55 14.3 0.0
250A Grady	54.23	344	P	P	19 55 14.1 -0.6
Z57A Bowman	54.29	350	P	P	19 55 15.1 0.0
Z56A Williston	54.43	349	P	P	19 55 15.6 -0.6
152A Waverly Hall	54.50	345	P	P	19 55 15.2 -1.4
152A comp=Z,45nm,1.3s				Iamb	Iamb
Y60A Bolivia	54.61	352	P	P	19 55 17.0 -0.4
Y60A Bolivia	54.61	352	P	P	19 55 17.9 +0.5
Y58A Scranton	54.72	351	P	P	19 55 18.1 -0.1
Y58A Scranton	54.72	351	P	P	19 55 18.4 +0.2
GOGA Godfrey	54.93	347	pmax	pmax	19 55 18.8 -1.0
GOGA Godfrey	54.93	347	P	P	19 55 18.7 -1.0
GOGA Godfrey	54.93	347	P	P	19 55 18.8 -1.0
Y55A Saluda	55.12	349	P	P	19 55 20.5 -0.6
X60A Albert Glenn T	55.15	353	P	P	19 55 21.3 +0.1
X59A McKuffie Farm,	55.22	352	P	P	19 55 21.7 -0.1
Z51A Franklin	55.23	345	P	P	19 55 20.8 -1.1
X58A Rowland	55.31	351	P	P	19 55 22.7 +0.3
X57A Johnson Farm,	55.33	350	P	P	19 55 22.1 -0.5
Z50A Ashland	55.35	344	P	P	19 55 21.6 -1.2
Z50A Ashland	55.35	344	P	P	19 55 21.8 -1.1
LRAL Lakeview Retre	55.43	343	P	P	19 55 22.0 -1.3
LRAL Lakeview Retre	55.43	343	P	P	19 55 22.1 -1.3
HODGE Hodges	55.48	348	P	P	19 55 23.0 -0.7
Y52A Liburn	55.49	346	P	P	19 55 22.2 -1.6
X56A White Oak	55.51	350	P	P	19 55 22.4 -1.4
342A Flagon Creek P	55.57	337	P	P	19 55 25.1 +0.7
W60A Pink Hill	55.59	353	P	P	19 55 24.0 -0.4
X55A Gracelyn & Ava	55.59	349	P	P	19 55 23.5 -1.0
W61A Ground Anchor	55.63	354	P	P	19 55 24.5 -0.3
HKT Hockley	55.68	333	pmax	pmax	19 55 25.1 0.0
HKT comp=Z,29nm,1.2s				pmax	pmax
HKT Hockley	55.68	333	P	P	19 55 25.1 0.0
HKT Vicksburg	55.72	340	P	P	19 55 24.7 -0.8
W58A Raeford	55.75	351	P	P	19 55 25.5 -0.1
CNNC Cliffs of the	55.79	353	P	P	19 55 26.3 +0.4
X54A Belton	55.81	348	P	P	19 55 25.5 -0.6
Z47A Carrollton	55.88	342	P	P	19 55 25.6 -0.9
833A Chaparral WMA,	55.90	329	P	P	19 55 26.8 0.0
V62A Hyde County Ai	55.91	355	P	P	19 55 26.6 -0.1
X53A Estanolle	55.95	347	P	P	19 55 26.0 -1.0
PAUL Pauline	55.97	349	Iamb	Iamb	19 55 26.8 -0.4
PAUL comp=Z,34nm,1.2s				Iamb	Iamb
W57A Gilead	55.99	351	P	P	19 55 26.9 -0.4
W57A Gilead	55.99	351	P	P	19 55 27.1 -0.3
Y49A Blount Mountai	56.05	344	P	P	19 55 26.6 -1.3
W56A Kings Mountain	56.20	349	P	P	19 55 27.0 -0.9
KMSC Kings Mountain	56.20	349	Iamb	Iamb	19 55 28.7 -0.1
KMSC Kings Mountain	56.20	349	Iamb	Iamb	19 55 28.6 -0.3
V61A Roper	56.20	354	P	P	19 55 28.2 -0.6
V60A Jim Taylor Roa	56.24	353	P	P	19 55 28.9 -0.1
W54A Cherokee Point	56.30	349	P	P	19 55 29.2 -0.3
BG3 Lake Jocassee	56.35	348	P	P	19 55 29.5 -0.4
X51A Calhoun	56.35	346	P	P	19 55 28.8 -1.2
X51A Calhoun	56.35	346	P	P	19 55 29.1 -0.8
V59A Middlesex	56.35	353	P	P	19 55 29.8 0.0
V58A Windy Hill, Pi	56.49	352	P	P	19 55 30.5 -0.4
V58A Windy Hill, Pi	56.49	352	P	P	19 55 30.5 -0.4
V58A Fort Pain	56.50	345	P	P	19 55 29.5 -1.5
W52A Murphy	56.56	347	P	P	19 55 31.1 -1.0
W52A Coltrane Farms	56.68	351	P	P	19 55 31.6 -0.6
V56A Mocksville	56.71	350	P	P	19 55 32.1 -0.4
U61A Possum Corner	56.72				

MIAR	comp=Z.65nm,1.0s	58.88 338	P	P	19 55 47.7	-0.1
MIAR	Mout Ida	58.88 338	P	P	19 55 47.1	-0.7
MIAR	Stanaaville	58.88 338	P	P	19 55 47.9	+0.2
T49A	Edmonton	58.93 346	P	P	19 55 47.3	-0.8
T49A	Edmonton	58.93 346	P	P	19 55 46.4	-1.7
T49A	Edmonton	58.93 346	I	Amb	19 55 48.9	
S52A	Salyersville	58.98 348	P	P	19 55 47.4	-1.0
W41B	Gary Mavity, V	59.00 339	P	P	19 55 48.1	-0.4
S51A	Beattyville	59.04 348	P	P	19 55 47.9	-0.9
S51A	Beattyville	59.04 348	P	P	19 55 47.8	-1.1
R55A	Marlinton	59.08 351	P	P	19 55 49.5	+0.3
R55A	Marlinton	59.08 351	P	P	19 55 47.3	-1.9
R55A	Marlinton	59.08 351	I	Amb	19 56 32.2	
R56A	Bull Pasture II	59.10 352	P	P	19 55 49.4	+0.1
R54A	Victor	59.11 350	P	P	19 55 48.7	-0.6
WHAR	Woolly Hollow	59.12 339	P	P	19 55 48.3	-1.0
WHAR	Woolly Hollow	59.12 339	I	Amb	19 55 50.0	
Q61A	Milford	59.16 356	P	P	19 55 49.6	0.0
T47A	Sharon Grove	59.20 345	P	P	19 55 48.7	-1.2
Z35A	Perchaven, San	59.21 349	P	P	19 55 50.2	+0.1
S50A	Richmond	59.24 347	P	P	19 55 49.2	-1.0
Q59A	Harwood	59.25 354	P	P	19 55 49.2	-1.0
Q60A	Greensboro	59.32 355	P	P	19 55 50.5	-0.2
Q58A	Fox Den Farm,	59.43 354	P	P	19 55 51.4	0.0
LCAR	Lake Charles	59.47 341	P	P	19 55 50.8	-1.0
LCAR	Lake Charles	59.47 341	I	Amb	19 55 52.5	
S49A	Springfield	59.53 346	P	P	19 55 50.8	-1.4
R52A	Catlettsburg	59.54 349	P	P	19 55 51.1	-1.2
W39A	Magazine	59.54 338	P	P	19 55 52.7	+0.4
W39A	Magazine	59.54 338	I	Amb	19 55 52.2	-0.1
W39A	Magazine	59.54 338	I	Amb	19 55 54.9	
X37A	Clayton	59.58 336	P	P	19 55 52.6	0.0
Q57A	Strasburg	59.60 353	P	P	19 55 53.1	+0.4
FCAR	Ozak Folk Cen	59.61 340	P	P	19 55 51.3	-1.4
FCAR	Ozak Folk Cen	59.61 340	I	Amb	19 55 53.5	
T45A	Paducah	59.62 343	P	P	19 55 51.4	-1.4
ABTX	Abilene, Hawle	59.63 332	P	P	19 55 53.0	-0.1
ABTX	Abilene, Hawle	59.63 332	P	P	19 55 52.0	-1.0
R51A	Hillsboro	59.68 348	P	P	19 55 52.4	-0.8
Q56A	Snyder Ridge,	59.70 352	P	P	19 55 53.8	+0.4
Q56A	Snyder Ridge,	59.70 352	P	P	19 55 53.6	+0.3
Q55A	Buckhannon	59.77 351	P	P	19 55 54.2	+0.3
R50A	Paris	59.81 347	P	P	19 55 53.0	-1.1
R50A	Paris	59.81 347	I	Amb	19 55 52.6	-1.5
R50A	Paris	59.81 347	I	Amb	19 55 54.9	
SDMD	Soldier's Dell	59.81 354	P	P	19 55 52.8	-1.3
Q53A	Leroy	59.86 350	P	P	19 55 53.8	-0.6
Q54A	Coxs Mills	59.87 351	P	P	19 55 54.5	0.0
Q54A	Coxs Mills	59.87 351	P	P	19 55 53.5	-1.0
PBMO	Poplar Bluff	59.91 342	P	P	19 55 53.4	-1.4
PBMO	Poplar Bluff	59.91 342	I	Amb	19 55 55.5	
P61A	Hammonton	59.91 356	P	P	19 55 54.4	-0.3
P59A	Pank, Wackers	59.93 354	P	P	19 55 55.1	+0.2
P58A	Jarrettsville	59.97 355	P	P	19 55 54.8	-0.3
R49A	Shelbyville	59.99 347	P	P	19 55 54.1	-1.3
R49A	Shelbyville	59.99 347	P	P	19 55 53.9	-1.9
P57A	Homestead Farm	60.00 353	P	P	19 55 55.5	+0.1
P57A	Homestead Farm	60.00 353	I	Amb	19 55 58.0	
Q52A	Bidwell	60.08 349	P	P	19 55 54.8	-1.2
P60A	Greenville	60.11 356	P	P	19 55 55.7	-0.4
P60A	Greenville	60.11 356	P	P	19 55 55.4	-0.7
P60A	Greenville	60.11 356	I	Amb	19 55 58.1	
P56A	Dayton Farm, R	60.11 353	P	P	19 55 57.0	+0.8
WCI	Wyandotte Cave	60.18 346	P	P	19 55 55.0	-1.7
WCI	Wyandotte Cave	60.18 346	I	Amb	19 55 55.4	-1.3
WCI	Wyandotte Cave	60.18 346	P	P	19 55 55.0	-1.7
WCI	Wyandotte Cave	60.18 346	I	Amb	19 55 57.0	
PSUB	Penn St - Bra	60.21 356	P	P	19 55 55.4	-1.4
P55A	Reedsville	60.24 352	P	P	19 55 56.8	-0.3
U40A	Yellville	60.28 339	P	P	19 55 56.7	-0.7
U40A	Yellville	60.28 339	P	P	19 55 55.6	-1.7
U40A	Yellville	60.28 339	I	Amb	19 55 59.0	
Q50A	Georgetown	60.28 348	P	P	19 55 55.9	-1.4
O61A	Allentown	60.32 356	P	P	19 55 56.9	-0.6
Q51A	Peebles	60.34 349	P	P	19 55 56.6	-1.1
Q51A	Peebles	60.34 349	P	P	19 55 57.0	-0.8
T42A	Van Buren	60.34 341	P	P	19 55 56.5	-1.3
T42A	Van Buren	60.34 341	I	Amb	19 55 58.6	
MVL	Millersville	60.35 355	P	P	19 55 57.7	-0.1
MVL	Millersville	60.35 355	I	Amb	19 55 59.8	
MCWV	Mont Chateau	60.39 352	P	P	19 55 58.4	+0.3
MCWV	Mont Chateau	60.39 352	P	P	19 55 57.1	-1.0
MCWV	Mont Chateau	60.39 352	I	Amb	19 56 00.0	
S44A	Carbondale	60.42 343	P	P	19 55 57.0	-1.3
P54A	Burton	60.43 351	P	P	19 55 57.8	-0.5
SIUC	Southern Illin	60.43 343	P	P	19 55 57.0	-1.4
P53A	Whipple	60.45 350	P	P	19 55 58.0	-0.5
P53A	Whipple	60.45 350	P	P	19 55 58.1	-0.3
P53A	Whipple	60.45 350	I	Amb	19 55 59.8	
O58A	Lewisberry	60.52 354	P	P	19 55 59.0	0.0
X34A	Smith Ranch, M	60.55 334	P	P	19 55 58.9	-0.4
HHAR	Hobbs	60.58 338	P	P	19 55 58.8	-0.7
HHAR	Hobbs	60.58 338	I	Amb	19 56 00.7	
O60A	Telford	60.59 356	P	P	19 55 59.3	-0.1
PAGS	Pennsylvania G	60.61 355	P	P	19 55 59.7	+0.2
PAGS	Pennsylvania G	60.61 355	I	Amb	19 56 00.0	
Q49A	Aurora	60.62 347	P	P	19 55 58.4	-1.3
O59A	Robeson	60.65 355	P	P	19 55 59.8	0.0

W35A	Tecumseh	60.65 335	P	P	19 55 59.0	-1.0
O57A	Amberson	60.68 354	P	P	19 56 00.6	+0.6
P52A	Corning	60.71 350	P	P	19 55 59.2	-1.0
P51A	Williamsport	60.73 349	P	P	19 55 59.0	-1.4
P51A	Williamsport	60.73 349	P	P	19 55 59.1	-1.3
Q48A	North Vernon	60.73 346	P	P	19 55 58.8	-1.5
MGMO	Mountain Grove	60.81 340	P	P	19 55 59.6	-1.5
MGMO	Mountain Grove	60.81 340	I	Amb	19 56 02.2	
O56A	Blue Knob Stat	60.84 353	P	P	19 56 01.2	+0.1
O56A	Blue Knob Stat	60.84 353	P	P	19 56 01.0	-0.1
O55A	Ligonier	60.86 352	P	P	19 56 01.5	+0.2
LUPA	Lehigh Unvers	60.87 356	P	P	19 56 00.8	-0.6
U38A	Gravette	60.87 338	I	Amb	19 56 02.0	
BRNJ	Basking Ridge	60.90 357	P	P	19 56 00.6	-0.9
BRNJ	Basking Ridge	60.90 357	I	Amb	19 56 03.4	
TUL1	Leonard	60.91 337	P	P	19 56 01.0	-0.7
TUL1	Leonard	60.91 337	P	P	19 56 01.3	-0.4
FNO	Franklin	60.95 325	P	P	19 56 02.3	+0.3
N61A	South Mountain	60.96 357	P	P	19 56 00.3	-1.5
O54A	Avella	60.98 351	P	P	19 56 01.4	0.7
O54A	Avella	60.98 351	P	P	19 56 00.7	-1.4
P50A	Jamestown	60.98 348	P	P	19 56 00.8	-1.3
FVM	French Village	61.02 342	P	P	19 56 01.7	-0.8
FVM	French Village	61.02 342	pmx	pmx	19 56 01.7	-0.8
FVM	French Village	61.02 342	P	P	19 56 01.0	-0.8
WMOK	Wichita Mounta	61.06 334	P	P	19 56 02.0	-0.8
WMOK	Wichita Mounta	61.06 334	pmx	pmx	19 56 02.0	-0.8
WMOK	Wichita Mounta	61.06 334	P	P	19 56 01.6	-1.1
WMOK	Wichita Mounta	61.06 334	P	P	19 56 02.0	-0.8
P49A	Miami Univ, Ec	61.09 348	P	P	19 56 01.1	-1.7
N62A	Caumsett State	61.10 357	P	P	19 56 02.3	-0.5
N60A	Cedar Hill Far	61.12 356	P	P	19 56 02.0	-1.0
SSPA	Standing Stone	61.12 354	P	P	19 56 03.0	-0.1
SSPA	Standing Stone	61.12 354	I	Amb	19 56 05.2	
BLO	Bloomington	61.13 346	P	P	19 56 00.9	-2.2
BLO	Bloomington	61.13 346	pmx	pmx	19 56 00.9	-2.2
BLO	Bloomington	61.13 346	I	Amb	19 56 03.5	
O52A	Adamsville	61.13 350	P	P	19 56 02.4	-0.7
O52A	Adamsville	61.13 350	P	P	19 56 02.0	-1.2
O53A	New Philadelph	61.17 351	P	P	19 56 02.3	-1.0
P48A	Milroy	61.17 347	P	P	19 56 01.7	-1.6
PAL	Palisades	61.19 357	P	P	19 56 02.9	-0.6
PAL	Palisades	61.19 357	pmx	pmx	19 56 02.9	-0.6
PAL	Palisades	61.19 357	P	P	19 56 02.9	-0.6
PAL	Palisades	61.19 357	I	Amb	19 56 05.7	
N57A	Milroy	61.21 354	P	P	19 56 03.6	0.0
N58A	Sunbury	61.22 355	P	P	19 56 03.8	+0.1
N58A	Sunbury	61.22 355	P	P	19 56 03.7	+0.1
N58A	Sunbury	61.22 355	I	Amb	19 56 05.1	
N59A	State Game Lan	61.22 356	P	P	19 56 03.5	-0.2
N59A	State Game Lan	61.22 356	P	P	19 56 03.5	-0.2
N59A	State Game Lan	61.22 356	I	Amb	19 56 05.3	
O51A	Pataksala	61.29 350	P	P	19 56 03.3	-0.9
ODNJ	Ogdensburg	61.30 357	P	P	19 56 04.2	-0.1
ODNJ	Ogdensburg	61.30 357	I	Amb	19 56 05.9	
CCM	Cathedral Cave	61.33 341	P	P	19 56 03.5	-1.0
CCM	Cathedral Cave	61.33 341	pmx	pmx	19 56 03.5	-1.0
CCM	Cathedral Cave	61.33 341	P	P	19 56 03.5	-1.0
CCM	Cathedral Cave	61.33 341	I	Amb	19 56 05.3	
N55A	Marion Cent	61.39 353	P	P	19 56 05.1	+0.2
ACSO	Alum Creek Sta	61.44 349	P	P	19 56 04.2	-1.0
ACSO	Alum Creek Sta	61.44 349	P	P	19 56 03.2	-2.0

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes entries like Lion Creek, Blue Mesa, Carpenter Ridg, Hualapai Mount, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes entries like AHID, HVU, HVU, HVU, SNOW, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other details. Includes entries like E07A, C09A, C09A, I02D, etc.

Table with columns: PYS, Pyongsong, 1.88 136 Pg, P, Pb, 22 10 42.2 -0.3, etc.

IDC 02 22:27:46.6:1.5, 19:36S:70.78W, h0km, mb3.6/2, mb1.3/4, mb1mx3.6/29, mbtmp3.8/4, ML3.6/2, Error ellipse: s-maj=43.6km s-min=34.2km az=89.0

GUC 02 22:27:53.3:0.7, 19:44S:70.59W, h35km, 2km, ML3.7, ISC 02 22:27:51.1:1.8, 19:42S:0.03:70.65W:0.09, h2km=12km, n17, s1915/35, 6D, Near coast of northern Chile

Main table for station data, including columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station codes like PSGC, PB12, PB11, etc.

KRNET 02 22:41:51.9:0.1, 43:05N:78:50E, h15km, mb2.2, SOME 02 22:41:51.9, 42:97N:78:53E, h10km, NNC 02 22:41:52.6:0.6, 43:05N:78:57E, h0km, mb2.6, mpv2.2, Error ellipse: s-maj=8.3km s-min=2.4km az=176.0

ISC 02 22:41:52.1:1.0, 43:02N:0.04:78:55E:0.02, h8km=7km, n17, s0565/34, 11C-1D, Lassek-Kul region

Main table for station data, including columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station codes like SATY, PRZ, ANVS, etc.

Table with columns: UHLH, baz=45, BOOM, baz=54, BOOM, baz=54, TKM2, baz=68, TKM2, baz=68, and various station codes.

NIED 02 23:22:00, 39:20N:141:80E, h65km, Mw5.5 Best double couple: Mo:1.740000*1017 NP1:165.00000, 886.00000, 1.74.00000, NP2:165.00000, 816.00000, 1.74.00000, KEA 02 23:22:40.2:0.0, 39:20N:142:50E, h60km, mb5.5/1, MS4.7/1

BUI 02 23:22:44.9:0.0, 39:07N:141:74E, h58km, mb5.4/55, mb5.2/72, Ms4.9/91, Ms1.4/92, MOS 02 23:22:46.8:1.0, 39:25N:141:76E, h60km, mb5.7/52, MS4.7/30, Error ellipse: s-maj=5.5km s-min=3.6km az=107.0

BGR 02 23:22:46.2:0.0, 39:14N:142:70E, h60km=1km, mb5.4, NEIC 02 23:22:47.9, 39:20N:141:69E, h58km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr:0.36; Mw:0.21; Mv:0.57; Mo:0.61; Ms:0.33; Msr:1.82; Fault plane solution: Mo:2.01000*1017 NP1:165.75000, 815.07000, 1.59.94000, NP2:163.17000, 884.88000, 1.75.81000, Principal axes: T 2.0299, Plg48.0000, Azm58.0000, N -0.0398, Plg14.0000, Azm164.0000, P -1.0902, Plg38.0000, Azm26.0000, NEIC 02 23:22:47.7:2.0, 39:17N:0.05:141:81E:0.09, h58km, 3km, mb5.5/486, Mw5.5/50, MwC5.5(GMCT) Error ellipse: s-maj=10.9km s-min=6.7km az=117.0

IDC 02 23:22:48.0:0.3, 39:20N:141:73E, h61km=2km, mb4.9/43, mb1.5/50, mb1mx5.0/53, mbtmp5.2/50, MS4.4/33, Ms1.4/4/33, ms1mx4.4/35, Error ellipse: s-maj=8.4km s-min=6.1km az=111.0

JMA 02 23:22:48.0, 39:17N:141:76E, h64km=1km, M5.5 Broadband fault plane solution: P waves. NP1: 6.322.00000, 368.00000, 1.5.00000, NP2: 54.00000, 365.00000, 1.158.00000, Principal axes: T Plg12.0000, Azm186.0000, N Plg67.0000, Azm65.0000, P Plg19.0000, Azm280.0000, JMA Felt IV J1

NEIC 02 23:22:50, 39:31N:141:63E, h71km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr:0.19; Mw:0.67; Mv:0.86; Mo:0.52; Ms:0.28; Msr:1.55; Fault plane solution: Mo:1.83000*1017 NP1:165.157.00000, 85.00000, 1.66.00000, NP2:165.57.00000, 824.00000, 1.68.00000, Principal axes: T 1.6521, Plg45.0000, Azm44.0000, N 0.3197, Plg24.0000, Azm159.0000, P -1.9717, Plg36.0000, Azm268.0000, SOME 02 23:22:50.6:0.0, 39:31N:141:62E:0.01, h79km, 1km, M5.5/4157, Moment Tensor Solution: s122c218; Mw0.48; Mo:1.03; Msr:1.50; Mo:1.03; Mo:1.03; Best double couple: Mo:1.73700*1017 NP1:165.00000, 824.00000, 1.72.00000, NP2:158.00000, 887.00000, 1.66.00000, Principal axes: T 1.5920, Plg43.0000, Azm45.0000, N 0.2890, Plg24.0000, Azm160.0000, P -1.8820, Plg37.0000, Azm269.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 02 23:22:48.0:0.2, 39:20N:142:02:141:70E:0.03, h62km=1km, h62km=pp-P, n1321, s1953/1430, mb5.5/425, 95C-72D, Eastern Honshu

Main table for station data, including columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station codes like OFUJ, MIJY, JOM, etc.

Table with columns: GRPR, Tuman, 5.68 31, P, Pn, 23 24 08.4 +1.3, 23 25 09.5 -4.0

Main table for station data, including columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station codes like GRPR, YUK, JFM, etc.

2014 APR

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like CLL, CLM, CLN, CLP, CLQ, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like MANZ, CONA, KHC, ROTZ, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like ANMO, BGNE, WATA, WTTA, etc.

IDI	Anoyia	85.68	313	↑P	P	23 35 18.7	-1.5
IDI	Anoyia	85.68	313	P	P	23 35 19.3	-0.9
IDI	comp=Z,34nm,0.9s			Iamb	Iamb	23 35 49.6	
JFWS	Jewell Farm	85.69	35	P	P	23 35 19.8	-0.3
E47A	Iron Bridge	85.71	29	P	P	23 35 19.7	-0.4
D49A	Beulah Townshi	85.73	28	P	P	23 35 19.5	-0.8
TVO	Taravac	85.78	117	eT	T	01 08 59.6	
AMTX	Amarillo	85.86	47	P	P	23 35 22.1	+0.9
AMTX	Amarillo	85.86	47	Iamb	Iamb	23 35 46.6	
SG1	Sgolgore (BA)	85.88	321	eP	P	23 35 21.5	+0.4
MSX	Muleshoe	85.85	49	P	P	23 35 21.7	+0.4
MSX	Muleshoe	85.88	49	Iamb	Iamb	23 35 48.4	
MURB	Monte Urbino	85.91	325	Iamb	Iamb	23 35 47.6	
L40A	Anamosa	85.91	37	Iamb	Iamb	23 35 45.5	
MNTX	Cornudas Mount	85.92	52	P	P	23 35 22.2	+0.8
MNTX	Cornudas Mount	85.92	52	Iamb	Iamb	23 35 24.0	
G45A	Suttons Bay	85.94	32	P	P	23 35 21.5	+0.3
G45A	Suttons Bay	85.94	32	Iamb	Iamb	23 35 47.6	
ITM	Ithomi	85.94	316	Iamb	Iamb	23 35 52.7	
CLF	Chambon-Forêt	85.96	334	Iamb	Iamb	23 35 46.9	
NRCA	Norcia	85.98	325	Iamb	Iamb	23 35 46.9	
MATE	Matera	86.01	321	↑P	P	23 35 22.4	+0.7
G46A	Petoskey	86.03	31	P	P	23 35 21.5	-0.2
E48A	Lockeyer	86.11	29	P	P	23 35 21.5	-0.5
FOZ	Beulah	86.12	32	P	P	23 35 22.1	-0.1
H45A	Fox Glacier	86.20	160	P	P	23 35 21.6	-0.6
FOZ	comp=Z,42nm,1.4s			Iamb	Iamb	23 35 56.1	
AQU	L'Acquila	86.23	324	Iamb	Iamb	23 35 41.9	
ACER	Acerenza	86.28	322	Iamb	Iamb	23 35 48.3	
INTR	Introdacqua	86.28	324	Iamb	Iamb	23 35 48.8	
VLD0	Val d'Or	86.36	25	Iamb	Iamb	23 35 48.6	
D50A	G1974 Best Tow	86.36	27	P	P	23 35 23.1	-0.2
DAMY	Dhamar	86.46	286	Iamb	Iamb	23 35 50.7	
F48A	Evansville	86.48	29	P	P	23 35 24.1	+0.2
TAOE	Nuku Hiva Isla	86.48	104	eLR	LR	00 02 38.0	
TAOE	Nuku Hiva Isla	86.48	104	eT	T	01 09 50.4	
I45A	Fountain	86.53	32	P	P	23 35 24.9	+0.7
GLMI	Grayingling	86.54	31	P	P	23 35 24.9	+0.7
GLMI	Grayingling	86.54	31	P	P	23 35 24.4	+0.2
G47A	Hillman	86.55	30	P	P	23 35 24.5	+0.3
D51A	Lot 18 Range I	86.59	27	P	P	23 35 24.3	-0.2
OXZ	Oxford	86.62	158	P	P	23 35 23.9	-0.4
OXZ	comp=Z,30nm,1.0s			Iamb	Iamb	23 35 51.5	
MEH	Mehetia	86.67	116	eT	T	01 10 06.0	
P38A	Dawn	86.69	39	Iamb	Iamb	23 35 49.4	
LATE	Laterza	86.74	325	P	P	23 35 26.7	+1.4
LATE	comp=Z,28nm,1.0s			Iamb	Iamb	23 35 50.4	
F49A	Sandfield	86.76	29	P	P	23 35 25.5	+0.3
H47A	Mio	86.89	31	P	P	23 35 26.2	+0.3
I46A	Reed City	86.93	32	P	P	23 35 26.5	+0.4
J45A	Montague	86.95	33	P	P	23 35 26.4	+0.2
E51A	G1948 Merrick	87.03	27	P	P	23 35 26.3	-0.3
LBZ	Lake Benmore	87.09	160	Iamb	Iamb	23 35 54.0	
TIP	Timpagrande	87.12	320	↑P	P	23 35 28.3	+1.0
H48A	Harrisville	87.15	30	P	P	23 35 27.8	+0.6
D53A	Lac Vacive, Po	87.18	26	P	P	23 35 27.1	-0.2
I47A	Gladwin	87.25	31	P	P	23 35 28.2	+0.5
L44A	Lake County Fo	87.31	35	P	P	23 35 28.0	-0.1
F51A	Arnstein	87.40	28	P	P	23 35 27.9	-0.5
I48A	Sherman Twp	87.43	31	P	P	23 35 28.7	+0.2
D54A	Lac Fusel, La	87.46	25	P	P	23 35 28.6	-0.1
P40A	Paris	87.49	39	Iamb	Iamb	23 35 54.0	
WMOK	Wichita Mounta	87.61	46	P	P	23 35 29.8	+0.2
WMOK	Wichita Mounta	87.61	46	Iamb	Iamb	23 35 31.8	
F52A	Sundridge	87.73	27	P	P	23 35 30.1	+0.1
J47A	Summer	87.77	32	P	P	23 35 30.8	+0.6
J47A	Summer	87.77	32	Iamb	Iamb	23 35 55.5	
E53A	Dumoine, Ponti	87.80	26	P	P	23 35 30.2	-0.1
K46A	Dorr	87.82	33	P	P	23 35 30.4	-0.1
E54A	Lac Daplat, Po	87.92	26	P	P	23 35 30.6	-0.2
D55A	Sainte-Anne-du	87.97	24	P	P	23 35 31.0	-0.1
I49A	Point Hope	87.99	30	P	P	23 35 31.7	+0.5
HDIL	Hopedale	87.99	36	P	P	23 35 31.5	+0.2
HDIL	Hopedale	87.99	36	Iamb	Iamb	23 35 56.1	
ALGO	Algonquin Park	88.04	27	P	P	23 35 31.3	-0.1
J48A	Bridge Port	88.14	31	P	P	23 35 32.7	+0.7
L46A	Eue Claire	88.15	34	P	P	23 35 32.2	+0.2
K47A	Vermontville	88.16	32	P	P	23 35 32.2	+0.2
D56A	ZEC Mazanza, M	88.17	24	P	P	23 35 31.9	-0.1
X34A	Smith Ranch, M	88.23	45	Iamb	Iamb	23 35 58.1	
E55A	Montcer-Lytto	88.27	25	P	P	23 35 32.8	+0.3
S39A	Bolivar	88.29	41	Iamb	Iamb	23 35 58.9	
J49A	Marlette	88.35	31	P	P	23 35 33.3	+0.4
R40A	Maddies Station	88.35	40	Iamb	Iamb	23 35 57.6	
TUL1	Leonard	88.36	43	P	P	23 35 33.6	+0.4
K48A	Perry	88.42	32	P	P	23 35 33.9	+0.6
D57A	Chemin Vers le	88.47	23	P	P	23 35 34.0	+0.6
LATQ	La Tuque	88.48	23	P	P	23 35 33.6	+0.2
G54A	Lake Saint Pet	88.51	27	P	P	23 35 33.3	-0.3

H52A	Wyevale	88.51	28	P	P	23 35 33.6	-0.1
E56A	St. Veronique	88.53	24	P	P	23 35 33.6	-0.1
G53A	Haliburton	88.56	27	P	P	23 35 34.4	+0.5
TX31	Lajitas Ar. Si	88.62	53	Iamb	Iamb	23 35 37.1	
TX32	Lajitas Arroy	88.62	53	Iamb	Iamb	23 35 37.1	
TXAR	Lajitas Arroy	88.62	53	P	P	23 35 35.4	+0.8
TXAR	Chemist du LacG	88.70	31	P	LR	00 11 25.2	
TXAR	Lajitas Arroy	88.62	53	P	P	23 35 33.0	-1.6
ABTX	Abielene, Hawle	88.66	48	P	P	23 35 35.4	+0.7
U38A	Gravette	88.70	42	Iamb	Iamb	23 35 59.1	
K49A	Clarkson	88.70	31	P	P	23 35 35.1	+0.5
D58A	Chemist du LacG	88.70	23	P	P	23 35 34.6	0.0
J56A	Wolfcott	88.72	26	P	P	23 35 36.0	+1.4
F55A	Otter Lake	88.72	26	P	P	23 35 36.2	+1.2
I51A	Listowel	88.80	29	P	P	23 35 36.1	+0.4
E57A	Chemin Saint G	88.83	24	P	P	23 35 36.7	+0.4
M47A	Cromwell	88.87	34	P	P	23 35 36.4	+0.5
L48A	N Adams	89.00	33	P	P	23 35 36.6	+0.6
ACM	Ann Arbor	89.02	32	P	P	23 35 36.7	+0.6
CCM	Cathedral Cave	89.04	39	P	P	23 35 35.2	-1.1
CCM	Cathedral Cave	89.04	39	P	P	23 35 36.8	+0.5
CCM	Cathedral Cave	89.04	39	P	P	23 35 35.2	-1.1
K50A	Casco	89.04	31	P	P	23 35 36.9	+0.7
H53A	Bobcaygeon	89.05	28	P	P	23 35 36.6	+0.4
HHAR	Hobbs	89.05	42	Iamb	Iamb	23 36 00.9	
SLM	Saint Louis	89.07	38	P	P	23 35 35.8	-0.6
SLM	Saint Louis	89.07	38	P	P	23 35 35.8	-0.6
D59A	Saint-Raymond	89.09	22	P	P	23 35 36.8	+0.4
G55A	Calabogie	89.11	26	P	P	23 35 36.4	-0.1
SF1N	Lafayette	89.13	35	P	P	23 35 36.9	+0.3
L49A	Milan	89.14	32	P	P	23 35 37.5	+0.8
E58A	La Victoria	89.23	23	P	P	23 35 37.1	0.0
M48A	Edgerton	89.26	33	P	P	23 35 37.3	0.0
M48A	Edgerton	89.26	33	Iamb	Iamb	23 36 02.2	
F57A	Harrington	89.28	25	P	P	23 35 37.2	-0.1
N47A	Urbana	89.34	34	P	P	23 35 37.9	+0.3
DELO	Deloro Mine	89.44	27	Iamb	Iamb	23 36 02.8	
D60A	Saint Jean D'O	89.44	22	P	P	23 35 37.9	0.0
TBI	Tubuai	89.45	121	eS	S	23 46 24.2	+0.5
TBI	Tubuai	89.45	121	eLQ	LQ	00 00 02.2	
TBI	Tubuai	89.45	121	eLR	LR	00 03 21.4	
TBI	Tubuai	89.45	121	eT	T	01 13 35.2	
J52A	Paris	89.49	29	P	P	23 35 39.1	+0.8
FVM	French Village	89.49	39	Iamb	Iamb	23 36 03.3	
F58A	St-L Laurent	89.52	24	P	P	23 35 38.3	-0.1
K51A	Iona Station	89.53	30	P	P	23 35 39.0	+0.5
U40A	Yellville	89.55	41	P	P	23 35 39.1	+0.4
H55A	Tweed	89.56	27	P	P	23 35 39.0	+0.4
M49A	Liberty Center	89.58	33	P	P	23 35 38.8	0.0
L50A	Kingsville	89.58	31	P	P	23 35 39.4	+0.6
N48A	Decatur	89.64	34	P	P	23 35 39.2	+0.1
I55A	Frankford	89.68	27	P	P	23 35 39.3	+0.2
E60A	Ste Agathe de	89.79	22	P	P	23 35 40.0	+0.4
K52A	Tilleville	89.79	30	P	P	23 35 40.5	+0.8
D62A	Allapoint, All	89.81	20	P	P	23 35 40.0	+0.3
G57A	Newington	89.82	25	P	P	23 35 40.2	+0.4
H56A	Elgin	89.84	26	P	P	23 35 40.1	+0.2
F59A	Saint Guillaume	89.85	23	P	P	23 35 40.1	+0.2
N49A	Columbus Grove	89.95	33	P	P	23 35 40.9	+0.4
W39A	Magazine	89.97	42	P	P	23 35 41.2	+0.5
W39A	Magazine	89.97	42	Iamb	Iamb	23 35 42.6	
F60A	Warwick	90.00	23	P	P	23 35 40.1	-0.5
E61A	Lac Etchemin	90.01	22	P	P	23 35 41.1	+0.4
G58A	Ormstown	90.08	24	P	P	23 35 40.7	-0.3
O48A							

3d 0h

2014 APR

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like W41B Gary Mavity, R55A Marlinton, R56A Bull Pasture M, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like L56A Greenwood, L61B Northampton, L53A Harrisonville, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like G46A Petoskey, E56A St. Veronique, E52A Mattawa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BCI, KEK, KPRRO, etc.

IDC 03:01:05:41.8-1.7, 13.76N;124.67E, h0km, mb3.8/5, mb1.3/9.5, mb1mx3.6/35, mbtmp3.9/5, Error ellipse: s-maj=188.4km s-min=20.6km az=69.0

NEIC 03:01:05:49.7-0.8, 13.1N;01.123;3E:0.2, h53km, 5km, mb4.0/6, Error ellipse: s-maj=30.4km s-min=19.8km az=76.0

ISC 03:01:05:47.8-0.8, 13.12N;0.09;123.2E:0.2, h35km, n15, a136/15, mb3.7/8, 1D, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RCP, CHTO, MTN, WRA, etc.

PRU 03:01:07:40.1-0.0, 49.81N;18.50E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OKC, MORC, VRAC, etc.

THE 03:01:09:13.4, 39.16N;18.76E, h0km, 2km, ML2.6/7, Error ellipse: s-maj=3.0km s-min=1.5km az=280.0

TIR 03:01:09:15.9, 39.35N;18.96E, h46km, h2.7/7, PDG 03:01:09:18.0, 4.3, 39.77N;18.8, 0.4, 39.77N;18.65E, h0km, 11km, ML2.9/13, Error ellipse: s-maj=1.4km s-min=1.5km az=0.0

ISC 03:01:09:18.2-1.4, 39.32N;0.05;18.78E:0.05, h45km, 48km, n47, a137/78, 5C-9D, Southern Italy

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KEK, SRN, IGT, VLO, etc.

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

VAO 03:01:13:30.3-1.2, 19.70S;71.76W, h10km, mb4.6, NEIC 03:01:13:33.9-1.1, 19.72S;0.03;71.00W:0.06, h10km, 1km, mb4.5/11, ML4.2/GUC, Error ellipse: s-maj=9.5km s-min=5.6km az=276.0

IDC 03:01:13:33.5-1.1, 19.70S;70.88W, h0km, mb4.9/3m, mb1.4/3.1, mb1mx4.1/27, mbtmp4.3/11, ML4.3, 2/32, MS3.2/4, Mst1.3/3.4, m5.1mx3.1/18, Error ellipse: s-maj=28.0km s-min=15.6km az=56.0

GUC 03:01:13:35.0-0.6, 19.78S;71.16W, h35km, 3km, ML4.2, ISC 03:01:13:36.0-2.0, 19.79S;0.03;71.08W:0.06, h26km, 13km, n103, a164/123, mb4.5/10, 10C-1D, Off coast of northern Chile

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

MMNC Minye Minye 1.55 65 I/P S/P S/B 01 14 22.2 -0.7

MMNC Minye Minye 1.55 65 S/P S/P S/B 01 14 22.2 -0.7

MMNC Minye Minye 1.55 65 S/P S/P S/B 01 14 22.2 -0.7

MMNC Minye Minye 1.55 65 S/P S/P S/B 01 14 22.2 -0.7

MMNC Minye Minye 1.55 65 S/P S/P S/B 01 14 22.2 -0.7

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MMNC Minye Minye 1.55 65 S/P S/P S/B 01 14 22.2 -0.7

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MMNC Minye Minye 1.55 65 S/P S/P S/B 01 14 22.2 -0.7

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MMNC Minye Minye 1.55 65 S/P S/P S/B 01 14 22.2 -0.7

MMNC Minye Minye 1.55 65 S/P S/P S/B 01 14 22.2 -0.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RREF, SMTB, SPBC, etc.

comp=Z,10m,0.8s, RREF El Recreo 24.90 350 eP P 01 19 01.0 +3.4

SMTB Santa Maria do 25.19 680 eP P 01 19 01.0 +1.4

SPBC San Pablo de B 25.46 353 eP P 01 19 00.7 -1.4

NORC Norcasia 25.47 351 eP P 01 19 03.7 -0.5

RUSC La Rusia 25.60 355 eP P 01 19 03.8 -0.1

CBOC Ciudad Bolivar 25.95 349 eP P 01 19 08.1 +1.3

HELC Santa Helena 26.19 350 eP P 01 19 09.9 +0.8

PTBC PUERTO BERRIO, 26.38 352 eP P 01 19 08.7 -1.7

ZARC Zaragoza, Cauc 27.37 352 eP P 01 19 14.0 -5.3

SDV San Domingo 28.50 1 P P 01 19 31.9 +2.3

SDV comp=Z,1.2m,0.5s,baz=136,slow=18,SNR=1.4, SDV Santo Domingo 28.50 1 P P 01 19 30.2 +0.6

MDC San Martin de 28.67 354 eP P 01 19 27.3 -2.7

SMP Montagnes des 30.68 38 P P 01 19 47.5 -1.2

RCBR Riachuelo 36.90 73 P P 01 20 42.8 -0.1

RCBR Riachuelo 36.90 73 P P 01 20 40.7 -2.2

RCBR Riachuelo 36.90 73 eP P 01 20 42.9 -0.1

TXAR Lajas Array 58.08 326 P P 01 23 28.6 +1.3

TXAR comp=Z,0.6m,1.0s,baz=159,slow=7.7,SNR=2.3, TXAR Lajas Array 58.08 326 P P 01 23 28.2 +0.9

Q56A Snyder Ridge, 59.02 353 P P 01 23 34.8 +1.2

SADO Sadova 54.67 354 P P 01 24 11.3 -0.1

G62A St. Eustis 64.70 P P 01 24 10.9 -0.8

DBIC Dimbokro 70.23 75 P P 01 24 46.7 -0.6

DBIC comp=Z,2.2m,0.6s,baz=243,slow=6.8,SNR=2.7, DBIC Dimbokro 70.23 75 P P 01 24 45.9 -1.4

DBIC Dimbokro 70.23 75 P Iamb Iamb 01 24 50.6

QSPA South Pole Qui 70.39 180 P P 01 24 49.6 +2.0

QSPA comp=Z,1.9m,0.9s, South Pole Qui 70.39 180 P P 01 24 50.6

NYAR Mina Array Bea 72.91 323 P P 01 25 04.3 +1.0

SYW Seward 78.80 160 eP P 01 25 08.1 +2.2

YKO Syowa Base 78.80 160 ePcP P 01 25 42.2 -2.7

YKA Yellowknife Ar 89.92 341 P P 01 26 28.8 +1.1

H1S2 WAKE ISLAND Hyt25.63 279 T T 03 51 57.0

H1S1 WAKE ISLAND Hyt25.63 279 T T 03 51 58.5

H1S3 WAKE ISLAND Hyt25.64 279 T T 03 51 58.0

KURK Kurchatov Arra 140.98 31 PKP PKP 01 33 08.0 +0.1

KURB Kurchatov Arra 140.98 31 PKP PKP 01 33 05.0 -1.4

ZALV Zalesovo Beam 141.22 23 PKP PKP 01 33 04.3 +0.3

ZALV comp=Z,0.6m,0.4s,baz=298,slow=3.1,SNR=4.4, ZALV Zalesovo Beam 141.22 23 PKP PKP 01 33 02.6 -1.5

MKAR Makanchi Array 145.38 33 PKPb PKP 01 33 12.8 +1.0

MKAR comp=Z,1.6m,0.8s,baz=317,slow=3.9,SNR=12, MKAR Makanchi Array 145.38 33 PKPb PKP 01 33 11.7 0.0

KLK Kuldur 145.40 33 PKPb PKP 01 33 11.8 +0.2

SONM Songoing Array 151.95 4 PKPb PKP 01 33 29.9 +0.6

SONM comp=Z,1.0m,0.8s,baz=331,slow=1.5,SNR=6.9, SONM Songoing Array 151.95 4 PKPb PKP 01 33 28.9 -0.4

ROM 03:01:21:30.3-0.1, 43.398N;0.003;12.491E:0.005, h6km, 1km, ML0.6/4, 1C-1D, Error ellipse: s-maj=0.3km s-min=0.2km az=63.0, Central Italy

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

RHSSO 03:01:22:37.4-0.3, 43.14N;18.88E, h4km, 3km, ML1.2/6, 2D, Northwestern Balkan Peninsula

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

IDC 03:01:28:01.9-1.1, 0.82N;123.83E, h0km, mb3.8/5, mb1.4/0.5, mb1mx3.6/48, mbtmp3.9/5, ML3.8/1, Error ellipse: s-maj=108.8km s-min=17.7km az=68.0

NEIC 03:01:28:24.8-0.7, 0.6N;0.1;123.9E:0.1, h23km, 11km, mb4.1/15, Error ellipse: s-maj=24.2km s-min=17.9km az=99.0

DJA 03:01:28:28.0-0.9, 0.7N;7.12E, h232km, 11km, M3.8/6, ML3.8/6

ISC 03:01:28:25.0-0.7, 0.62N;0.08;123.87E:0.09, h218km, n29, a124/30, mb4.0/10, Minahassa Peninsula, Sulawesi

Code Station Name Az Az2 Phase ID Time Res ISC

3d 1h

2014 APR

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like Y55A, X60A, X59A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like SWET, V52A, V52A, etc.

L54A	baz=170,SNR=26	62.81	353	P	P	02 08 54.1	-0.6
TRY	Sinclairville	62.85	357	IAMS_20	IAMS_20	02 36 21.7	
40A	Troy	62.90	341	IAMB	IAMB	02 09 14.6	
WVNY	Paris	62.90	353	IAMS_20	IAMS_20	02 37 11.4	
M48A	West Valley, N	62.93	348	P	P	02 08 54.0	-1.4
M48A	Edgerton	62.93	348	IAMB	IAMB	02 09 00.6	
K59A	Edgerton	62.95	356	P	P	02 08 55.0	-0.6
K58A	Coopers Corn	62.99	356	P	P	02 08 54.8	-1.1
K58A	Earlville	62.99	356	IAMS_20	IAMS_20	02 37 27.5	
M47A	Earlville	62.99	347	P	P	02 08 53.9	-2.0
K57A	Cromwell	63.02	355	P	P	02 08 55.0	-1.1
K56A	Scioto Center	63.06	354	P	P	02 08 55.5	-0.9
HDIL	Middlesex	63.08	344	P	P	02 08 54.7	-1.8
HDIL	Hopedale	63.08	344	IAMB	IAMB	02 09 10.0	
HDIL	Hopedale	63.08	344	IAMS_20	IAMS_20	02 37 55.0	
K54A	Basiliko Farm	63.11	353	P	P	02 08 55.9	-0.7
L50A	Kingsville	63.13	350	P	P	02 08 54.3	-2.4
MMNV	Mt. Morris Dam	63.15	354	IAMS_20	IAMS_20	02 38 21.6	
K55A	Perry	63.16	354	P	P	02 08 56.1	-1.0
J62A	Hennike	63.28	359	P	P	02 08 57.6	-0.2
L48A	N Adams	63.32	348	P	P	02 08 56.7	-1.4
J63A	Stratford	63.33	360	P	P	02 08 57.6	-0.4
J60A	Lant Hill Farm	63.35	358	P	P	02 08 58.1	-0.1
L49A	Milan	63.36	349	P	P	02 08 56.4	-1.9
J61A	Chester	63.42	358	P	P	02 08 57.9	-0.8
319A	Douglas	63.49	323	IAMB	IAMB	02 09 12.1	
319A	comp=Z,127nm,0.9s			IAMS_20	IAMS_20	02 39 39.3	
ACCN	Adirondack Com	63.50	357	IAMB	IAMB	02 09 14.1	
ACCN	comp=Z,25um,20.0s			IAMS_20	IAMS_20	02 38 09.0	
AAM	Ann Arbor	63.52	349	P	P	02 08 58.3	-1.1
AAM	Ann Arbor	63.52	349	IAMB	IAMB	02 09 33.8	
AAM	comp=Z,156nm,1.6s			IAMS_20	IAMS_20	02 38 05.4	
K52A	Tilsonburg	63.53	352	P	P	02 08 58.4	-1.1
121A	Cookes Peak, D	63.55	325	P	P	02 08 58.8	-1.2
121A	Cookes Peak, D	63.55	325	IAMB	IAMB	02 09 17.2	
121A	comp=Z,143nm,1.3s			IAMS_20	IAMS_20	02 33 48.9	
M44A	Midewin, Midew	63.56	345	IAMB	IAMB	02 09 24.6	
M44A	comp=Z,172nm,1.4s			IAMS_20	IAMS_20	02 41 01.6	
J58A	Remsen	63.56	356	P	P	02 08 58.8	-0.8
J58A	Remsen	63.56	356	IAMB	IAMB	02 09 24.6	
J58A	comp=Z,141nm,1.4s			IAMS_20	IAMS_20	02 37 41.6	
K51A	Iona Station	63.59	351	P	P	02 08 58.2	-1.6
J56A	Wolcott	63.59	355	P	P	02 08 58.7	-1.1
J56A	Wolcott	63.59	355	IAMS_20	IAMS_20	02 37 51.4	
J59A	Piesco	63.62	357	P	P	02 09 00.0	0.0
J59A	Piesco	63.62	357	IAMS_20	IAMS_20	02 37 09.1	
MEDO	Medina	63.63	354	IAMB	IAMB	02 09 14.2	
MEDO	comp=Z,109nm,1.0s			IAMS_20	IAMS_20	02 36 49.4	
N41A	Harden Midland	63.64	343	IAMS_20	IAMS_20	02 41 10.8	
J57A	Williamstown	63.66	356	P	P	02 08 58.9	-1.3
J57A	Williamstown	63.66	356	IAMB	IAMB	02 09 06.5	
J57A	comp=Z,100nm,0.9s			IAMS_20	IAMS_20	02 37 49.1	
J55A	Hilton	63.67	354	P	P	02 09 00.1	-0.2
J55A	Hilton	63.67	354	IAMS_20	IAMS_20	02 38 46.4	
L46A	Eue Claire	63.76	347	P	P	02 08 59.2	-1.7
L46A	Eue Claire	63.76	347	IAMB	IAMB	02 09 05.7	
L46A	comp=Z,95nm,1.1s			IAMS_20	IAMS_20	02 38 12.0	
J54A	Appleton	63.76	353	P	P	02 08 59.6	-1.3
J54A	Appleton	63.76	353	IAMB	IAMB	02 09 15.7	
J54A	comp=Z,178nm,1.2s			IAMS_20	IAMS_20	02 38 34.8	
HNH	Hanover	63.77	359	IAMS_20	IAMS_20	02 38 17.3	
K50A	Casco	63.81	350	P	P	02 08 59.1	-2.2
K50A	Casco	63.81	350	IAMB	IAMB	02 09 23.0	
K50A	comp=Z,99nm,0.8s			IAMS_20	IAMS_20	02 37 40.0	
SNA	Sanae	63.83	161	P	P	02 09 02.5	+1.2
SNA	Sanae	63.83	161	P	P	02 09 02.2	+0.9
SNA	comp=Z,52nm,0.8s, baz=279,slow=6.0,SNR=94			IAMS_20	IAMS_20	02 36 56.4	
I58A	Old Forge	63.87	356	P	P	02 09 01.0	-0.7
I59A	Olmssteadville	63.92	357	P	P	02 09 00.2	-1.8
I62A	Tamworth	63.93	359	P	P	02 09 00.9	-1.1
I62A	Tamworth	63.93	359	IAMB	IAMB	02 09 08.4	
I62A	comp=Z,89nm,1.1s			IAMS_20	IAMS_20	02 35 49.4	
I60A	Shoreham	63.94	358	P	P	02 09 01.6	-0.5
J52A	Paris	63.95	352	P	P	02 09 01.2	-0.9
K49A	Clarkson	63.96	349	P	P	02 09 00.0	-2.2
I64A	Boothbay	63.97	1	P	P	02 09 02.7	+0.4
I61A	Oroboro, Fair	64.00	359	P	P	02 09 02.8	+0.3
K51A	Kansas State U	64.01	338	P	P	02 09 00.7	-2.0
K48A	Perry	64.09	349	P	P	02 09 01.3	-1.8
I63A	Otisfield	64.10	360	P	P	02 09 02.5	-0.6
I63A	Otisfield	64.10	360	IAMB	IAMB	02 09 10.3	
I63A	comp=Z,106nm,0.8s			IAMS_20	IAMS_20	02 35 51.9	
NCB	Newcomb	64.11	357	IAMS_20	IAMS_20	02 37 22.2	
K47A	Vermont	64.13	348	P	P	02 09 01.6	-1.8

I57A	Carthage	64.16	356	P	P	02 09 02.8	-0.8
PECO	Prince Edward	64.26	355	IAMB	IAMB	02 09 18.3	
PECO	comp=Z,182nm,1.3s			IAMS_20	IAMS_20	02 38 32.0	
L44A	Lake County Fo	64.28	346	P	P	02 09 02.6	-1.7
L44A	Lake County Fo	64.28	346	IAMB	IAMB	02 09 29.5	
L44A	comp=Z,180nm,1.2s			IAMS_20	IAMS_20	02 37 02.6	
Y22D	IRIS PASCAL I	64.29	327	P	P	02 09 02.3	-2.5
K46A	Dorr	64.30	348	P	P	02 09 02.5	-1.9
LBNH	Lisbon	64.30	359	P	P	02 09 04.4	-0.1
LBNH	Lisbon	64.30	359	IAMS_20	IAMS_20	02 36 37.2	
N38A	Joess South For	64.41	341	IAMB	IAMB	02 09 51.1	
I53A	Kovtrigt Cn E	64.41	353	P	P	02 09 04.4	-0.8
J49A	Marlette	64.47	350	P	P	02 09 04.1	-1.4
J48A	Bridge Port	64.52	349	P	P	02 09 03.7	-2.2
J48A	Bridge Port	64.52	349	IAMB	IAMB	02 09 11.1	
J48A	comp=Z,111nm,0.9s			IAMS_20	IAMS_20	02 38 01.6	
L42A	Oliver, Polo	64.54	344	IAMS_20	IAMS_20	02 41 39.5	
H58A	Gabriels	64.55	357	P	P	02 09 05.2	-0.9
I51A	Listowel	64.58	352	P	P	02 09 05.1	-1.2
H61A	Lyndonville	64.59	359	P	P	02 09 05.6	-0.8
I55A	Frazeeville	64.60	354	P	P	02 09 05.2	-1.2
WVW	Waterville	64.62	1	P	P	02 09 06.4	-0.1
WVW	comp=Z,112nm,0.9s			IAMS_20	IAMS_20	02 36 16.7	
H62A	Milan	64.62	359	P	P	02 09 06.2	-0.4
H62A	Milan	64.62	359	IAMB	IAMB	02 09 13.1	
H62A	comp=Z,97nm,0.9s			IAMS_20	IAMS_20	02 36 09.8	
H60A	Morrison	64.64	358	P	P	02 09 05.9	-0.8
J47A	Sumner	64.64	348	P	P	02 09 04.9	-1.8
J47A	Sumner	64.64	348	IAMB	IAMB	02 09 11.9	
J47A	comp=Z,119nm,0.8s			IAMS_20	IAMS_20	02 38 55.4	
H57A	Richville	64.66	356	P	P	02 09 06.6	-0.2
H64A	Troy	64.70	1	P	P	02 09 06.8	-0.3
H63A	New Sharon	64.71	0	P	P	02 09 07.3	+0.2
I52A	Shelburne	64.73	352	P	P	02 09 06.4	-0.8
ANMO	Albquerque	64.75	328	P	P	02 09 07.5	-0.4
ANMO	Albquerque	64.75	328	P	P	02 09 07.3	-0.5
ANMO	comp=Z,3.3nm,0.5s, baz=143,slow=8.8,SNR=14			prmax	prmax		
ANMO	Albquerque	64.75	328	P	P	02 09 06.4	-1.5
ANMO	Albquerque	64.75	328	P	P	02 09 07.3	-0.5
H59A	Cadyville	64.77	357	P	P	02 09 07.6	+0.1
LONY	Lake Ozonia	64.77	357	P	P	02 09 07.3	-0.2
LONY	Lake Ozonia	64.77	357	IAMS_20	IAMS_20	02 37 42.7	
H65A	Eastbrook	64.78	2	P	P	02 09 07.5	0.0
EMMW	East Machias	64.82	2	IAMB	IAMB	02 09 14.0	
EMMW	comp=Z,96nm,0.9s			IAMS_20	IAMS_20	02 36 06.0	
H56A	Elgin	64.85	355	P	P	02 09 08.1	0.0
K43A	Burlington	64.87	346	IAMB	IAMB	02 09 53.9	
K43A	comp=Z,122nm,1.0s			IAMS_20	IAMS_20	02 38 46.4	
H55A	Tweed	64.89	355	P	P	02 09 07.8	-0.4
DELO	Deloro Mine	64.89	354	IAMB	IAMB	02 09 42.8	
DELO	comp=Z,100nm,1.2s			IAMS_20	IAMS_20	02 39 21.7	
H66A	Whiting	64.90	3	P	P	02 09 08.1	-0.2
CBKS	Cedar Bluff	64.93	335	P	P	02 09 08.1	-0.7
FRNY	Flat Rock	64.94	358	IAMS_20	IAMS_20	02 38 59.2	
I49A	Point Hope	64.98	350	P	P	02 09 07.2	-1.6
I49A	Point Hope	64.98	350	IAMB	IAMB	02 09 51.6	
I49A	comp=Z,114nm,0.9s			IAMS_20	IAMS_20	02 38 13.9	
HAL	Halifax	64.99	5	IAMS_20	IAMS_20	02 35 57.8	
L40A	Anamosa	65.00	343	IAMB	IAMB	02 09 34.7	
L40A	comp=Z,158nm,1.1s			IAMS_20	IAMS_20	02 39 17.8	
TUC	Tucson	65.03	323	P	P	02 09 07.9	-1.7
TUC	comp=Z,164nm,1.7s			prmax	prmax		
TUC	Tucson	65.03	323	P	P	02 09 08.7	-1.0
TUC	Tucson	65.03	323	P	P	02 09 07.9	-1.7
TUC	comp=Z,22um,22.0s			IAMB	IAMB	02 09 25.7	
TUC	Tucson	65.03	323	IAMS_20	IAMS_20	02 37 51.3	
H53A	Bobcaygeon	65.04	354	P	P	02 09 08.2	-1.1
J45A	Montague	65.14	347	P	P	02 09 07.8	-2.2
J45A	Montague	65.14	347	IAMS_20	IAMS_20	02 39 13.6	
G60A	Masonville	65.17	359	P	P	02 09 09.7	-0.4
G63A	Kingsbury	65.17	1	P	P	02 09 10.2	+0.1
G59A	Clarenceville	65.17	358	P	P	02 09 09.6	-0.5
N35A	Tabor	65.24	339	IAMB	IAMB	02 09 50.3	
GGN	Saint George	65.25	3	IAMB	IAMB	02 09 17.4	
GGN	comp=Z,93nm,0.8s			IAMS_20	IAMS_20	02 38 45.5	
H52A	Wyevale	65.26	353	P	P	02 09 09.2	-1.5
G62A	West of Eustis	65.27	360	P	P	02 09 10.5	-0.3
G62A	West of Eustis	65.27	360	IAMS_20	IAMS_20	02 36 26.8	
G58A	Ormsdown	65.28	357	P	P	02 09 10.1	-0.7
G57A	Newington	65.28	357	P	P	02 09 09.6	-1.2
SADO	Sadowa	65.30	353	P	P	02 09 09.6	-1.3
SADO	comp=Z,36nm,1.0s, baz=211,slow=2.4,SNR=23			LR	LR	02 40 10.9	
SADO	Sadowa	65.30	353	IAMB	IAMB	02 09 16.8	
SADO	comp=Z,24um,19.9s, baz=179,slow=39			IAMS_20	IAMS_20	02 39 39.4	

G65A	Princeton	65.30	2	P	P	02 09 10.7	-
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PQI	baz=173,SNR=30	66.76	2	Iamb	Iamb	02 09 26.4
PQI	Presque Isle comp=Z,70nm,0.9s					
F48A	comp=Z,20um,21.0s			IAMS_20	IAMS_20	02 38 43.3
F48A	Evansville baz=168	66.79 351	P	P		02 09 18.9 -1.6
D60A	Saint Jean D'O baz=180,SNR=14	66.96 360	P	P		02 09 21.0 -0.6
X16A	Lo Mia Camp, P comp=Z,121nm,1.2s	66.97 324	Iamb	Iamb		02 09 37.9
X16A	comp=Z,18um,21.0s			IAMS_20	IAMS_20	02 38 43.4
D59A	Saint-Raphael baz=179,SNR=5.2	67.06 359	P	P		02 09 21.4 -0.8
E51A	G1948 Merrick baz=171,SNR=25	67.08 353	P	P		02 09 21.8 -0.6
D63A	Stockholm baz=182,SNR=18	67.12 2	P	P		02 09 22.0 -0.6
D57A	Chemin Vers le baz=177,SNR=44	67.13 357	P	P		02 09 21.7 -1.0
F45A	CMU Biological baz=165,SNR=24	67.13 349	P	P		02 09 22.4 -0.3
D62A	Allapoint, All baz=182,SNR=46	67.14 1	P	P		02 09 22.5 -0.2
D62A	Allapoint, All comp=Z,22um,22.0s	67.14 1	IAMS_20	IAMS_20		02 37 42.5
S22A	4UR Ranch, Cre baz=143,SNR=36	67.15 329	P	P		02 09 22.1 -1.3
D58A	Chemin du LacG baz=178,SNR=54	67.18 358	P	P		02 09 22.8 -0.2
D56A	ZEC Marvaze, M baz=176,SNR=26	67.21 357	P	P		02 09 22.5 -0.6
D55A	Sainte-Anne-du baz=175,SNR=31	67.22 356	P	P		02 09 22.7 -0.7
D61A	St Aubert Com baz=180,SNR=5.7	67.25 0	P	P		02 09 23.2 -0.2
Q24A	Divide baz=145	67.35 331	P	P		02 09 24.5 -0.1
E48A	Lockeey baz=164,SNR=12	67.36 351	P	P		02 09 23.7 -0.5
I37A	Lemond, Waseca comp=Z,129nm,1.1s	67.42 342	Iamb	Iamb		02 09 44.8
I37A	comp=Z,19um,22.0s			IAMS_20	IAMS_20	02 40 45.6
D54A	Lac Fusel, La baz=174,SNR=24	67.43 355	P	P		02 09 23.6 -1.0
D53A	Lac Vavie, Po baz=173,SNR=29	67.44 355	P	P		02 09 24.1 -0.6
D53A	Lac Vavie, Po comp=Z,49um,20.0s	67.44 355	IAMS_20	IAMS_20		02 40 06.2
BATG	Bathurst New B comp=Z,109nm,0.9s	67.44 3	Iamb	Iamb		02 09 31.2
LATQ	La Tuque baz=178,SNR=22	67.46 358	P	P		02 09 24.6 -0.1
E47A	Iron Bridge baz=167,SNR=12	67.50 350	P	P		02 09 23.5 -1.5
MVCO	Mesa Verde baz=141,SNR=42	67.54 328	P	P		02 09 23.3 -0.5
MVCO	Mesa Verde comp=Z,94nm,0.9s	67.54 328	Iamb	Iamb		02 09 33.4
E46A	Sault Ste Mari comp=Z,73nm,1.1s	67.58 350	Iamb	Iamb		02 09 50.2
E46A	comp=Z,45um,22.0s			IAMS_20	IAMS_20	02 39 54.8
D51A	Lot 18 Range I baz=171,SNR=20	67.61 353	P	P		02 09 24.4 -1.4
OGNE	Ogallala baz=148,SNR=14	67.67 335	P	P		02 09 25.7 -0.7
OGNE	Ogallala baz=148,SNR=14	67.67 335	Iamb	Iamb		02 09 33.8
F42A	Maple Grove Fa comp=Z,20um,22.0s	67.73 347	IAMS_20	IAMS_20		02 40 40.0
G40A	Rib Lake comp=Z,148nm,1.8s	67.74 345	Iamb	Iamb		02 09 59.0
G40A	comp=Z,21um,21.0s			IAMS_20	IAMS_20	02 40 43.2
D50A	G1974 Best Tow baz=171,SNR=31	67.74 353	P	P		02 09 25.4 -1.1
WUAZ	Wupatki baz=138,SNR=56	67.75 325	P	P		02 09 27.3 +0.2
WUAZ	Wupatki comp=Z,121nm,0.9s	67.75 325	Iamb	Iamb		02 09 35.9
GLA	Glamis baz=135	67.92 321	P	P		02 09 26.8 -1.2
TAOE	Nuku Hiva Isla comp=Z,16um,25.9s	67.95 268	eS	S		02 18 24.2 -4.0
TAOE	Nuku Hiva Isla baz=169,SNR=7.1	67.95 268	eLR	LR		02 29 52.6
TAOE	Nuku Hiva Isla comp=Z,29um,22.0s	67.95 268	eT	T		03 23 29.2
TAOE	Nuku Hiva Isla comp=Z,87nm,0.2s	67.95 268	IAMS_20	IAMS_20		02 31 37.5
D48A	Paudash Townsh baz=169,SNR=10	67.99 352	P	P		02 09 26.7 -1.4
D49A	Beulah Townshi baz=169,SNR=7.1	68.03 352	P	P		02 09 27.1 -1.3
D46A	Sault St. Mari baz=163,SNR=9.0	68.05 350	P	P		02 09 27.4 -1.1
D47A	Chapleau baz=167,SNR=12	68.06 351	P	P		02 09 27.3 -1.3
E44A	Grand Marais A baz=164	68.11 349	P	P		02 09 28.0 -0.8
E44A	Grand Marais A comp=Z,211nm,1.6s	68.11 349	Iamb	Iamb		02 10 01.1
E44A	comp=Z,30um,21.0s			IAMS_20	IAMS_20	02 41 10.2
ECSD	EROS Data Cent baz=154,SNR=47	68.14 340	P	P		02 09 27.8 -1.3
ECSD	EROS Data Cent comp=Z,146nm,1.4s	68.14 340	Iamb	Iamb		02 09 35.2
Y12C	Blythe baz=136	68.23 321	P	P		02 09 30.7 +0.7
ISCO	Idaho Springs baz=145,SNR=45	68.24 332	P	P		02 09 30.2 0.0
ISCO	Idaho Springs comp=Z,9nm,1.0s	68.24 332	Iamb	Iamb		02 09 37.5
COWI	Conover comp=Z,20um,21.0s	68.28 346	IAMS_20	IAMS_20		02 39 58.4
PV01	Paradox Valley comp=Z,94nm,0.9s	68.30 328	Iamb	Iamb		02 09 38.5
PV01	comp=Z,18um,22.0s			IAMS_20	IAMS_20	02 42 49.5
SPMN	Marine on St. baz=158,SNR=16	68.36 343	P	P		02 09 29.5 -1.0
SPMN	Marine on St. comp=Z,69um,19.0s	68.36 343	IAMS_20	IAMS_20		02 44 09.7
PDMCI	Parker Dam,Lak baz=136	68.41 322	P	P		02 09 32.6 +1.6
IKP	In-Ko-Pah, Jac baz=134	68.41 320	P	P		02 09 32.0 +0.8
NVL	N'lazarevskaya comp=Z,226nm,1.1s	68.42 159	iP	P		02 09 33.2 +2.6
NVL	iS		S	S		02 18 27.1 -4.7
NVL	eSSS		S	S		02 26 06.9
NVL	pmxax		pmxax	pmxax		
NVL	MLR		MLR	MLR		
SWSC	Sam W. Stewart baz=134	68.43 320	P	P		02 09 32.9 +1.7
PV02	Paradox Valley comp=Z,68nm,1.0s	68.44 328	Iamb	Iamb		02 09 46.1
PV02	comp=Z,16um,20.0s			IAMS_20	IAMS_20	02 42 53.4
PV13	Radium Mtn., P comp=Z,100nm,0.9s	68.44 328	Iamb	Iamb		02 09 39.1
LDQ	Val d'Or comp=Z,80nm,1.0s	68.44 355	Iamb	Iamb		02 09 45.2
VLDQ	comp=Z,41um,20.0s			IAMS_20	IAMS_20	02 40 37.5
PV05	Paradox Valley comp=Z,112nm,1.0s	68.52 328	Iamb	Iamb		02 09 39.3
PV03	Paradox Valley comp=Z,15nm,1.6s	68.53 328	Iamb	Iamb		02 10 00.0
PV18	Skein Mesa, Pa comp=Z,96nm,1.3s	68.55 328	Iamb	Iamb		02 09 39.7
PV12	Saucer Basin, comp=Z,94nm,1.2s	68.56 328	Iamb	Iamb		02 09 55.3
PV12	comp=Z,22um,22.0s			IAMS_20	IAMS_20	02 41 32.6
PV11	David Mesa, Pa comp=Z,93nm,1.0s	68.58 328	Iamb	Iamb		02 10 01.6
PV17	comp=Z,19um,22.0s			IAMS_20	IAMS_20	02 42 46.3
PV17	East Wray Mesa comp=Z,143nm,1.4s	68.61 328	Iamb	Iamb		02 09 45.5
PV17	comp=Z,19um,22.0s			IAMS_20	IAMS_20	02 41 23.9

PV04	Paradox Valley comp=Z,202nm,1.7s	68.67 328	Iamb	Iamb		02 09 55.7
PV04	comp=Z,19um,21.0s			IAMS_20	IAMS_20	02 41 35.4
PV14	Lion Creek, Pa comp=Z,106nm,1.2s	68.71 328	Iamb	Iamb		02 09 46.2
PV14	comp=Z,19um,21.0s			IAMS_20	IAMS_20	02 41 26.6
BC3	Big Truckwall comp=Z,135,SNR=15	68.72 321	P	P		02 09 32.4 -0.7
PV10	Paradox Valley comp=Z,78nm,1.1s	68.72 328	Iamb	Iamb		02 09 40.8
PV10	comp=Z,17um,21.0s			IAMS_20	IAMS_20	02 41 25.1
PV22	Blue Mesa, Par comp=Z,103nm,1.2s	68.72 329	Iamb	Iamb		02 09 41.4
PV23	Carpenter Ridge comp=Z,69nm,1.2s	68.76 328	Iamb	Iamb		02 09 46.6
MONP2	Monument Peak baz=134	68.77 320	P	P		02 09 33.7 +0.1
BAR	Barrett comp=Z,116nm,1.1s	68.77 319	P	P		02 09 31.1 -2.3
PV21	Cone Mtn., P comp=Z,86nm,1.2s	68.83 328	Iamb	Iamb		02 10 20.2
IRM	Iron Mountain baz=135,SNR=36	68.89 321	P	P		02 09 34.1 +0.1
U15A	North Rim comp=Z,164nm,1.3s	68.92 325	Iamb	Iamb		02 09 47.9
U15A	comp=Z,21um,22.0s			IAMS_20	IAMS_20	02 37 53.1
NEE2	Needle Airpor baz=136	69.01 322	P	P		02 09 35.5 +0.7
D41A	Chassel comp=Z,88nm,0.8s	69.06 347	Iamb	Iamb		02 09 49.3
D41A	comp=Z,27um,22.0s			IAMS_20	IAMS_20	02 39 47.2
109C	Camp Elliot, M baz=133	69.18 319	P	P		02 09 36.2 +0.4
N23A	Red Feather La baz=144,SNR=26	69.28 332	P	P		02 09 36.8 +0.2
BELC	Belle Mtn. Jcs baz=134	69.29 321	P	P		02 09 36.4 -0.3
PFO	Pinyon Flats O comp=Z,7.9nm,0.8s,slow=161,slow=7.5,SNR=5.3	69.29 320	P	P		02 09 36.8 +0.1
PFO	Pinyon Flats O comp=Z,14um,21.4s,slow=32	69.29 320	P	P		02 34 44.6
PFO	Pinyon Flats O comp=Z,56nm,1.0s	69.29 320	P	P		02 09 36.1 -0.6
PFO	Pinyon Flats O baz=134,SNR=8.1	69.29 320	P	P		02 09 36.6 -0.1
PFO	Pinyon Flats O comp=Z,59um,21.0s	69.29 320	P	P		02 09 36.1 -0.6
E38A	The Farm, Brul comp=Z,21um,22.0s	69.32 345	IAMS_20	IAMS_20		02 41 15.1
PHWY	Pilot Hill comp=Z,105nm,1.3s	69.39 333	Iamb	Iamb		02 09 44.6
LIC	Lamto comp=Z,280nm,1.6s	69.52 75	ePKP1	P		02 09 38.1 -0.3
SUSD	Miller baz=152	69.54 339	P	P		02 09 36.8 -1.1
SUSD	Miller comp=Z,126nm,1.1s	69.54 339	Iamb	Iamb		02 09 54.5
GMRC	Granite Mtns baz=135,SNR=28	69.63 321	P	P		02 09 39.6 +0.9
TIC	Toumoudi baz=134,SNR=8.1	69.69 75	ePKP1	P		02 09 37.8 -1.7
O20A	White River Cr baz=142,SNR=27	69.71 330	P	P		02 09 39.7 +0.4
O20A	White River Cr comp=Z,99nm,1.0s	69.71 330	Iamb	Iamb		02 09 46.9
O20A	comp=Z,17um,19.0s			IAMS_20	IAMS_20	02 40 56.2
MURC	Murrieta baz=133	69.72 320	P	P		02 09 40.4 +1.1
QSPA	South Pole Qui comp=Z,123nm,1.2s	69.82 180	P	P		02 09 40.7 +1.2
QSPA	comp=Z,12um,1.0s			Iamb	Iamb	02 09 56.7
KIC	Kosan Boka comp=Z,408nm,1.2s	69.83 75	ePKP1	P		02 09 38.7 -1.6
DBIC	Dimbokro comp=Z,69nm,1.0s,slow=5.7,SNR=29	69.85 75	P	P		02 09 38.9 -1.5
DBIC	Dimbokro comp=Z,282nm,1.2s	69.85 75	P	P		02 09 39.2 -1.2
DBIC	Dimbokro comp=Z,17um,19.0s	69.85 75	P	P		02 09 39.2 -1.2
DBIC	Dimbokro comp=Z,17um,19.0s	69.85 75	eP	P		02 09 47.6 +7.6
BBRC	Big Bear Solar baz=134	70.01 320	P	P		02 09 42.5 +1.2
HEC	Hector,Ludlow baz=134,SNR=12	70.06 321	P	P		02 09 41.9 +0.6
MATO	Matagorda baz=173,SNR=29	70.10 355	P	P		02 09 39.5 -1.7
SC12	San Clemente I baz=132	70.14 318	P	P		02 09 39.7 -2.1
H07U	FIDRES T-PHASE Turquoise Moun baz=135,SNR=16	70.15 31	eP	P		02 09 49.7 -7.9
H07U	Turquoise Moun comp=Z,12um,1.0s	70.24 322	P	P		02 09 41.0 -1.5
DRLN	Deer Lake comp=Z,15um,20.0s	70.27 9	IAMS_20	IAMS_20		02 44 25.9
CIS	Catalina Island baz=132	70.34 319	P	P		02 09 41.7 -1.3
BFSO	Mount Baldy Ra baz=133,SNR=6.2	70.44 320	P	P		02 09 42.1 -1.7
FMP	Fort Macarthur baz=133	70.47 319	P	P		02 09 43.9 +0.1
RWWY	Rawlins comp=Z,137nm,1.3s	70.48 332	Iamb	Iamb		02 09 51.5
RRX	Edison Barstow baz=134	70.48 321	P	P		02 09 43.7 -0.1
PCAN	Candelaria comp=Z,240nm,1.2s	70.55 34	eP	P		02 09 52.4 +8.2
EYMN	Ely comp=Z,159,SNR=33	70.56 345	P	P		02 09 43.4 -0.6
EYMN	Ely comp=Z,16um,20.0s	70.56 345	IAMS_20	IAMS_20		02 42 49.8
SHPR	Sheep Range comp=Z,94nm,1.1s	70.56 323	Iamb	Iamb		02 09 57.8
PCED	Cedros comp=Z,215nm,1.6s	70.56 34	eP	P		02 09 53.8 +1.0
PICO	Pico comp=Z,336nm,1.5s	70.61 34	eP	P		02 09 52.9 +8.3
GSC	Goldstone, B baz=134,SNR=20	70.66 321	P	P		02 09 46.0 +0.9
GSC	Goldstone, Bar comp=Z,83nm,1.2s	70.66 321	Iamb	Iamb		02 09 58.4
MWC	Mount Wilson comp=Z,126nm,1.2s	70.67 320	Iamb	Iamb		02 10 02.7
SHOC	Shoshone, Tec baz=135	70.77 322	P	P		02 09 46.9 +1.2
DECC	Green Verdugo baz=133	70.86 319	P	P		02 09 44.9 -1.3
ROSA	Rosais comp=Z,399nm,1.5s	70.87 34	eP	P		02 09 55.3 +9.2
ROSA	Rosais comp=Z,26um,20.0s	70.87 34	IAMS_20	IAMS_20		02 38 56.3
PMAN	Manacomp=Z,304nm,1.4s	70.89 34	eP	P		02 09 55.1 +8.9
K22A	Casper baz=144,SNR=35	70.95 333	P	P		02 09 46.7 0.0
K22A	Casper comp=Z,86nm,1.1s	70.95 333	Iamb	Iamb		02 09 54.0
EDW2	Edwards Air Fo comp=Z,130nm,1.0s	7				

3d 1h

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like MISSOURA, VANDA, YONDA, etc.

2014 APR

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like NWLA, EVO, PSBE, SFS, etc.

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Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like BORG, BORG, CLGH, LLW, etc.

Table with columns: SDPT, comp-Z, IAMS_20, IAMS_20, 03 02 39.2, etc. Rows include Sand Point, Lotofen, Apeiranthos, etc.

Table with columns: Moscow, 116.77 37, PKIKP, PKIKP, 02 17 15.0 +1.7, etc. Rows include Borcka, Galich ya Gora, Storozhevo, etc.

Table with columns: MA2, Magadan, 131.05 334d/PKIKP, PKIKP, 02 17 43.2 +1.7, etc. Rows include Alibek, Severo-Kuril's, Warramunga Arr, etc.

3d 2h

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Table with multiple columns containing station identifiers (e.g., PB11, IPOC Station P), call signs (e.g., WABC, WABC-TV), frequencies (e.g., 1.14 44 Pn), and other technical details. The table is organized into several vertical sections.

Y56A	baz=168	S	S	03 00 28.1	0.0	
GOGA	Godfrey baz=165,SNR=43	55.11 347	P	P	02 52 44.3	-2.0
GOGA	Godfrey comp=Z,320um,21.0s	55.11 347	IAMS_20	IAMS_20	03 16 37.9	
Y57A	Sumter baz=169,SNR=32	55.12 350	P	P	02 52 44.1	-2.2
Y57A	Sumter comp=Z,555um,21.0s	55.12 350	IAMS_20	IAMS_20	03 17 46.1	
344A	Westbrook Farm comp=Z,450nm,0.8s	55.27 339	IAMB	IAMB	02 53 03.8	
Y55A	Saluda baz=167,SNR=72	55.29 349	P	P	02 52 45.1	-2.5
Y55A	Albert Glenn T baz=172,SNR=67	55.32 352	P	P	03 00 30.3	-1.1
X60A	McDuffie Farm, baz=171,SNR=36	55.40 352	P	P	02 52 45.6	-2.7
X59A	Rowland baz=170,SNR=24	55.48 351	P	P	02 52 46.1	-2.9
X58A	Rowland baz=170,SNR=24	55.48 351	S	S	03 00 33.2	-0.6
X58A	Rowland comp=Z,441um,21.0s	55.48 351	IAMS_20	IAMS_20	03 18 55.8	
H10N3	ASCENSION HYDR55,49 85	55.61 343	P	P	02 52 51.6	+2.4
H10N2	ASCENSION HYDR55,50 85	55.61 343	P	P	02 52 51.5	+2.2
H10N1	ASCENSION HYDR55,51 85	55.61 343	P	P	02 52 51.7	+2.4
X57A	Johnson Farm, baz=169	55.51 350	P	P	02 52 47.0	-2.1
X57A	Ashland baz=162,SNR=125	55.53 344	P	P	02 52 47.2	-2.2
Z50A	Ashland comp=Z,398nm,0.8s	55.53 344	IAMB	IAMB	02 53 04.5	
Z50A	Lakeview Retre baz=161,SNR=72	55.61 343	P	P	02 52 47.2	-2.7
LRAL	Lakeview Retre comp=Z,361um,20.0s	55.61 343	IAMS_20	IAMS_20	03 20 47.1	
Y52A	Libburn baz=165,SNR=43	55.67 346	P	P	02 52 48.3	-2.1
Y52A	Libburn comp=Z,393um,19.0s	55.67 346	IAMS_20	IAMS_20	03 18 40.9	
H06S1	SOCORRO T	55.68 312	P	P	02 52 54.7	+4.0
H06E1	SOCORRO T-PHASE5,69 312	55.69 349	P	P	02 52 54.3	+3.5
X56A	White Oak baz=168,SNR=67	55.69 349	S	S	02 52 48.0	-2.4
BIRD	Birdtown, Kers comp=Z,352um,22.0s	55.74 350	IAMS_20	IAMS_20	03 18 03.7	
W60A	Pink Hill baz=172,SNR=33	55.76 353	P	P	02 52 48.6	-2.4
W60A	Gracelyn & Ava baz=172,SNR=66	55.77 349	P	P	02 52 48.6	-2.5
X55A	White Oak baz=167,SNR=67	55.77 349	S	S	03 00 37.6	-0.1
H06N1	SOCORRO T-PHASE5,78 312	55.80 354	P	P	02 52 56.3	+4.9
W61A	Ground Anchor baz=173,SNR=37	55.80 354	S	S	02 52 49.1	-2.2
W61A	Union comp=Z,861nm,1.1s	55.83 341	IAMB	IAMB	02 53 07.8	
146A	Hockley comp=Z,331um,22.0s	55.86 333	P	P	02 52 49.1	-2.6
HKT	Hockley comp=Z,637nm,1.4s	55.86 333	P	P	02 52 49.1	-2.6
HKT	Hockley comp=Z,163um,21.0s	55.86 333	P	P	02 52 49.1	-2.6
HKT	Hockley comp=Z,638nm,1.4s	55.86 333	P	P	02 52 49.1	-2.6
VBMS	Vicksburg baz=157	55.90 339	P	P	02 52 50.0	-2.0
VBMS	Vicksburg comp=Z,722nm,1.1s	55.90 339	IAMB	IAMB	02 53 07.2	
W58A	RaeFord baz=170,SNR=60	55.92 351	P	P	02 52 49.5	-2.6
W58A	Clinton baz=171,SNR=28	55.96 352	P	P	02 52 50.4	-2.0
W59A	Cliffs of the CNNC baz=172,SNR=21	55.96 353	P	P	02 52 50.0	-2.4
CNNC	Cliffs of the CNNC comp=Z,787nm,1.0s	55.96 353	P	P	02 52 50.0	-2.4
CNNC	Belton comp=Z,357um,19.0s	55.98 348	P	P	02 52 50.7	-1.9
X54A	Belton baz=167,SNR=55	55.98 348	S	S	03 00 40.3	-0.3
Z47A	Carrollton baz=167	56.06 342	IAMB	IAMB	02 53 08.3	
833A	Chaparral WMA, baz=147,SNR=17	56.08 329	P	P	02 52 51.8	-1.6
833A	Hyde County Ai baz=174	56.08 355	P	P	02 52 50.5	-2.8
X53A	Estanollee baz=166,SNR=47	56.13 347	P	P	02 52 50.8	-2.8
PAULI	Pauline comp=Z,1um,1.4s	56.15 349	IAMB	IAMB	02 53 09.7	
PAULI	Gilead comp=Z,387um,19.0s	56.16 351	P	P	02 52 51.9	-2.0
W57A	Gilead baz=169,SNR=39	56.16 351	S	S	03 00 40.8	-2.1
W57A	Gilead comp=Z,651nm,1.1s	56.16 351	IAMB	IAMB	02 53 08.8	
W56A	Indian Trail comp=Z,421um,21.0s	56.24 350	P	P	02 52 52.0	-2.4
W56A	Roper baz=169,SNR=60	56.37 354	S	S	03 00 43.7	-0.3
V61A	Roper baz=173,SNR=10	56.37 354	S	S	02 52 53.1	-2.2
V61A	Roper comp=Z,464um,22.0s	56.37 354	IAMS_20	IAMS_20	03 17 50.3	
KMSC	Kings Mountain baz=168,SNR=53	56.37 349	P	P	02 52 53.3	-2.0
KMSC	Kings Mountain baz=168	56.37 349	S	S	03 00 45.8	+0.1
V60A	Jim Taylor Roa comp=Z,871nm,1.2s	56.41 353	P	P	02 52 53.4	-2.2
V60A	Jim Taylor Roa baz=172,SNR=30	56.41 353	S	S	03 00 46.1	-0.1
V60A	Jim Taylor Roa comp=Z,744nm,1.0s	56.41 353	IAMB	IAMB	02 53 10.4	
W54A	Cherokee Point comp=Z,468um,21.0s	56.47 348	P	P	02 52 53.9	-2.2
W54A	Cherokee Point baz=167,SNR=89	56.47 348	S	S	03 00 46.9	-0.2

V59A	Middlesex baz=171,SNR=116	56.52 352	P	P	02 52 53.9	-2.5
V59A	Calhoun baz=164,SNR=74	56.53 346	S	S	03 00 46.5	-1.2
X51A	Calhoun baz=164	56.53 346	P	P	02 52 53.7	-2.7
X51A	Calhoun comp=Z,450um,21.0s	56.53 346	IAMS_20	IAMS_20	03 00 45.3	-2.5
143A	Soc Landings, comp=Z,810nm,1.4s	56.64 339	IAMB	IAMB	02 53 05.1	
V58A	Windy Hill, Pi baz=170,SNR=60	56.67 352	P	P	02 52 54.8	-2.6
V58A	Windy Hill, Pi comp=Z,920nm,1.1s	56.67 352	IAMB	IAMB	02 53 12.2	
FPAL	Neto comp=Z,466um,21.0s	56.68 345	IAMS_20	IAMS_20	03 18 40.6	
W52A	Murphy comp=Z,417nm,1.0s	56.83 347	IAMB	IAMB	02 53 14.1	
W52A	Coltrane Farms baz=170,SNR=69	56.85 351	P	P	02 52 56.4	-2.4
V57A	Mocksville baz=169,SNR=71	56.89 350	S	S	03 00 51.6	-0.5
V56A	Mocksville baz=169,SNR=71	56.89 350	S	S	03 00 51.8	-0.7
U61A	Possum Corner baz=173,SNR=40	56.89 354	P	P	02 52 56.7	-2.3
U61A	Possum Corner comp=Z,469um,21.0s	56.89 354	IAMS_20	IAMS_20	03 18 15.1	
X48A	Hartselle baz=136,SNR=0.8s	56.96 344	IAMB	IAMB	02 53 14.6	
NATX	Nacodoches baz=153,SNR=36	56.98 335	P	P	02 52 57.9	-1.9
NATX	Nacodoches comp=Z,1um,1.1s	56.98 335	IAMB	IAMB	02 53 07.5	
V55A	Taylorville baz=168,SNR=78	57.04 350	P	P	02 52 58.1	-2.1
V55A	Taylorville comp=Z,724nm,1.0s	57.04 350	IAMB	IAMB	02 53 16.0	
V55A	Littleton comp=Z,493um,22.0s	57.05 353	P	P	02 52 58.1	-2.0
U59A	Littleton baz=172,SNR=61	57.05 353	S	S	03 00 53.8	-0.9
U59A	Littleton comp=Z,901nm,1.1s	57.05 353	IAMB	IAMB	02 53 15.0	
U59A	Neto comp=Z,302um,19.0s	57.10 349	P	P	02 52 57.7	-2.9
V54A	Neto baz=167,SNR=74	57.10 349	S	S	03 00 53.3	-2.1
U60A	Pendleton baz=173,SNR=25	57.10 354	P	P	02 52 58.1	-2.4
U60A	Yeager Farm, C comp=Z,698nm,0.9s	57.12 341	IAMB	IAMB	02 53 16.3	
Y45A	Yeager Farm, C comp=Z,307um,22.0s	57.12 341	IAMS_20	IAMS_20	03 20 26.1	
V53A	Saluda comp=Z,697nm,1.1s	57.16 348	IAMB	IAMB	02 53 17.1	
U58A	Oxford baz=171,SNR=30	57.18 352	P	P	02 52 58.6	-2.5
U58A	Signal Mountai comp=Z,1um,1.4s	57.24 346	IAMB	IAMB	02 53 17.5	
W50A	Cooper Cave comp=Z,386um,21.0s	57.30 346	IAMS_20	IAMS_20	03 19 41.0	
U57A	Blanch baz=170,SNR=53	57.32 352	P	P	02 53 00.0	-2.1
U57A	Jarrell baz=150,SNR=16	57.33 332	P	P	02 52 60.0	-2.3
435B	Jarrell baz=150,SNR=16	57.33 332	S	S	03 00 57.4	-1.2
TKL	Tuckaleechee C 57.34 347	57.34 347	P	P	02 52 58.5	-3.7
TKL	Tuckaleechee C comp=Z,806nm,1.0s	57.34 347	P	P	02 52 58.5	-3.7
TKL	Tuckaleechee C comp=Z,395um,21.0s	57.34 347	IAMB	IAMB	02 52 58.5	-3.7
TKL	Tuckaleechee C comp=Z,806nm,1.0s	57.34 347	IAMS_20	IAMS_20	03 18 08.0	
U56A	King comp=Z,395um,21.0s	57.39 351	P	P	02 53 00.4	-2.2
U56A	King baz=169,SNR=56	57.39 351	S	S	03 00 58.5	-0.7
U56A	King baz=169	57.39 351	IAMB	IAMB	02 53 18.9	
U56A	King comp=Z,712nm,1.1s	57.39 351	IAMS_20	IAMS_20	03 20 33.5	
SWET	Sewanee comp=Z,302um,20.0s	57.40 345	P	P	02 52 58.8	-3.9
SWET	Sewanee comp=Z,478um,22.0s	57.40 345	IAMS_20	IAMS_20	03 19 01.7	
V52A	Sevierville comp=Z,1um,0.9s	57.48 347	IAMB	IAMB	02 53 19.1	
V52A	Loudon comp=Z,436um,21.0s	57.60 347	IAMB	IAMB	02 53 18.4	
V51A	Loudon comp=Z,1um,1.5s	57.60 347	IAMS_20	IAMS_20	03 22 16.0	
Z41A	Richard Creek comp=Z,334um,19.0s	57.63 338	P	P	02 53 02.1	-2.2
Z41A	Richard Creek baz=155,SNR=57	57.63 338	S	S	03 01 02.3	0.0
T59A	Double "B" Far baz=172,SNR=70	57.64 353	P	P	02 53 01.8	-2.5
T59A	Double "B" Far comp=Z,478um,20.0s	57.64 353	IAMS_20	IAMS_20	03 19 09.9	
U55A	TA2, Sparta baz=168,SNR=49	57.65 350	P	P	02 53 02.0	-2.5
U55A	Oxford baz=168	57.67 342	P	P	02 53 01.2	-3.4
OXF	Oxford baz=159,SNR=116	57.67 342	IAMB	IAMB	02 53 20.0	
OXF	Oxford comp=Z,954nm,1.1s	57.72 354	P	P	02 53 02.1	-2.7
T60A	Surry baz=173,SNR=11	57.72 354	S	S	03 01 04.8	+1.4
T60A	Grand View Acr baz=171,SNR=72	57.73 352	P	P	02 53 01.7	-3.2
T58A	Pickwick Lake baz=155,SNR=0.9s	57.73 343	IAMB	IAMB	02 53 19.6	
U54A	Nelsons Funny baz=168,SNR=105	57.80 349	P	P	02 53 02.6	-2.9
U54A	Nelsons Funny baz=168	57.80 349	S	S	03 01 03.7	-1.0
U54A	Nelsons Funny comp=Z,666nm,0.8s	57.80 349	IAMB	IAMB	02 53 21.4	
T57A	Hurt comp=Z,452um,21.0s	57.87 352	P	P	02 53 03.4	-2.6
T57A	Hurt baz=170,SNR=98	57.87 352	S	S	03 01 05.0	-0.4
T57A	Hurt baz=170	57.87 352	IAMB	IAMB	02 53 22.4	
T56A	Rocky Mt comp=Z,1um,1.1s	58.01 351	P	P	02 53 04.8	-2.1
T56A	Rocky Mt baz=170,SNR=44	58.01 351	S	S	03 01 06.8	-0.5
JCT	Junction City comp=Z,522nm,1.2s	58.07 330	P	P	02 53 05.3	-2.3
JCT	Junction City comp=Z,119um,20.0s	58.07 330	MLR	MLR		

JCT	Junction City baz=147,SNR=28	58.07 330	P	P	02 53 06.1	-1.5
JCT	Junction City comp=Z,522nm,1.1s	58.07 330	P	P	02 53 05.3	-2.3
V48A	Smith Brothers comp=Z,451nm,0.8s	58.12 344	IAMB	IAMB	02 53 24.2	
X43A	Marvell baz=158,SNR=37	58.13 340	P	P	02 53 05.7	-2.1
TZTN	Tazewell baz=166,SNR=40	58.15 348	P	P	02 53 05.9	-2.0
TZTN	Tazewell baz=169,SNR=34	58.15 348	IAMS_20	IAMS_20	03 18 00.4	
S61A	Accomack comp=Z,331um,22.0s	58.16 355	P	P	02 53 05.8	-2.1
T55A	Pulaski baz=169,SNR=132	58.21 350	P	P	02 53 05.8	-2.6
T55A	Hickory Valley comp=Z,1um,1.1s	58.21 342	IAMB	IAMB	02 53 23.9	
BLA	Blacksburg baz=169,SNR=34	58.25 351	P	P	02 53 06.7	-1.9
BLA	Blacksburg comp=Z,430nm,1.2s	58.25 351	IAMB	IAMB	02 53 16.8	
BLA	Blacksburg comp=Z,380um,20.0s	58.27 354	P	P	02 53 06.8	-1.9
S60A	Water View baz=173,SNR=15	58.27 354	S	S	03 01 11.8	+1.1
T54A	Tazewell baz=168,SNR=75	58.28 350	P	P	02 53 07.4	-1.6
WHTX	Lake Whitney, baz=150,SNR=34	58.32 333	P	P	02 53 07.6	-1.6
WHTX	Lake Whitney, comp=Z,1um,1.1s	58.32 333	IAMB	IAMB	02 53 25.8	
S58A	Poland Farm, baz=172,SNR=24	58.33 353	P	P	02 53 08.1	-1.0
S58A	Poland Farm, P comp=Z,928nm,1.2s	58.33 353	IAMB	IAMB	02 53 24.0	
S58A	Poland Farm, P comp=Z,327um,19.0s	58.33 345	IAMB	IAMB	02 53 24.3	
CLTN	Cedars of Leba comp=Z,369nm,0.9s	58.33 345	IAMS_20	IAMS_20	03 19 07.3	
T53A	Wise baz=167,SNR=44	58.38 349	P	P	02 53 07.4	-2.2
S59A	Mechanicsville baz=172,SNR=23	58.39 354	P	P	02 53 08.2	-1.4
S59A	Natural Bridge baz=170,SNR=31	58.58 352	P	P	02 53 08.4	-2.5

SS1A	Beattyville	59.22 348	P	P	02 53 13.4	-2.0
SS1A	Beattyville	59.22 348	IAMS_20	IAMS_20	03 20 31.7	
R55A	Marlinton	59.25 351	P	P	02 53 13.5	-2.2
R55A	Marlinton	59.25 351	Iamb	Iamb	02 53 26.9	
R55A	Marlinton	59.25 351	IAMS_20	IAMS_20	03 20 03.7	
R56A	Bull Pasture M	59.28 352	P	P	02 53 13.7	-2.1
R56A	Bull Pasture M	59.28 352	S	S	03 01 25.7	+1.9
R54A	Victor	59.28 350	P	P	02 53 14.1	-1.7
Q61A	Milford	59.33 356	P	P	02 53 14.1	-2.0
T47A	Sharon Grove	59.38 345	IAMS_20	IAMS_20	03 20 02.9	
SS0A	Richmond	59.42 347	P	P	02 53 14.5	-2.2
SS0A	Richmond	59.42 347	S	S	03 01 22.4	-3.2
Q59A	Harwood	59.42 354	P	P	02 53 14.2	-2.5
Q59A	Harwood	59.42 354	S	S	03 01 26.8	+1.3
Q60A	Greensboro	59.49 355	P	P	02 53 14.8	-2.3
Q60A	Greensboro	59.49 355	IAMS_20	IAMS_20	03 19 46.9	
PVMO	Portageville	59.53 342	IAMS_20	IAMS_20	03 20 31.1	
PENMO	Penman	59.55 342	IAMS_20	IAMS_20	03 20 19.5	
R53A	Hurricane	59.59 350	P	P	02 53 15.7	-2.2
R53A	Hurricane	59.59 350	S	S	03 01 27.5	-0.3
R53A	Hurricane	59.59 350	Iamb	Iamb	02 53 33.1	
R53A	Hurricane	59.59 350	IAMS_20	IAMS_20	03 22 59.5	
Q58A	Fox Den Farm	59.60 354	P	P	02 53 15.8	-2.1
Q58A	Fox Den Farm	59.60 354	S	S	03 01 28.4	+0.5
S49A	Springfield	59.71 346	P	P	02 53 16.3	-2.5
S49A	Springfield	59.71 346	S	S	03 01 26.7	-2.6
R52A	Calletsburg	59.71 349	P	P	02 53 16.4	-2.4
R52A	Calletsburg	59.71 349	S	S	03 01 26.8	-2.6
W39A	Magazine	59.72 338	P	P	02 53 16.4	-2.4
W39A	Magazine	59.72 338	S	S	03 01 29.8	+0.2
W39A	Magazine	59.72 338	Iamb	Iamb	02 53 30.5	
Q57A	Strasburg	59.77 353	P	P	02 53 17.0	-2.1
Q57A	Strasburg	59.77 353	S	S	03 01 31.9	+1.8
PARMO	Parma	59.78 342	IAMS_20	IAMS_20	03 20 37.7	
ABTX	Abilene, Hawle	59.81 332	P	P	02 53 17.6	-2.0
ABTX	Abilene, Hawle	59.81 332	S	S	03 01 28.7	-2.2
ABTX	Abilene, Hawle	59.81 332	P	P	02 53 16.8	-2.8
R51A	Hillsboro	59.85 348	P	P	02 53 17.5	-2.2
R51A	Hillsboro	59.85 348	S	S	03 01 27.0	-4.2
Q56A	Snyder Ridge	59.87 352	P	P	02 53 17.4	-2.5
Q56A	Snyder Ridge	59.87 352	S	S	03 01 33.8	+2.3
Q56A	Snyder Ridge	59.87 352	IAMS_20	IAMS_20	03 21 07.1	
Q55A	Buckhannon	59.95 351	P	P	02 53 18.0	-2.4
Q55A	Buckhannon	59.95 351	S	S	03 01 33.1	+0.6
SDMO	Soldier's Deli	59.98 354	IAMS_20	IAMS_20	03 20 05.9	
R50A	Paris	59.98 347	P	P	02 53 18.4	-2.2
R50A	Paris	59.98 347	S	S	03 01 29.4	-3.4
Q53A	Leroy	60.03 350	P	P	02 53 18.6	-2.3
Q53A	Leroy	60.03 350	S	S	03 01 32.9	-0.6
Q54A	Coxs Mills	60.05 351	P	P	02 53 19.2	-1.8
Q54A	Coxs Mills	60.05 351	S	S	03 01 33.8	+0.1
Q54A	Coxs Mills	60.05 351	Iamb	Iamb	02 53 36.3	
P61A	Hammonton	60.08 356	P	P	02 53 19.0	-2.2
P61A	Hammonton	60.08 356	S	S	03 01 34.4	+0.4
PBMO	Poplar Bluff	60.09 342	Iamb	Iamb	02 53 35.9	
P58A	Pank, Wackers	60.10 354	P	P	02 53 19.3	-2.0
P58A	Pank, Wackers	60.10 354	S	S	03 01 35.3	+1.1
P59A	Jarrettsville	60.14 355	P	P	02 53 19.8	-1.9
P59A	Jarrettsville	60.14 355	S	S	03 01 34.8	0.0
P57A	Homestead Farm	60.17 353	P	P	02 53 19.9	-1.9
P57A	Homestead Farm	60.17 353	S	S	03 01 36.6	+1.4
P57A	Homestead Farm	60.17 353	Iamb	Iamb	02 53 29.7	
R49A	Shelbyville	60.17 347	P	P	02 53 20.0	-1.9
R49A	Shelbyville	60.17 347	S	S	03 01 30.7	-4.6
R49A	Shelbyville	60.17 347	IAMS_20	IAMS_20	03 21 42.0	
Q52A	Bidwell	60.26 349	P	P	02 53 20.1	-2.4
Q52A	Bidwell	60.26 349	S	S	03 01 34.4	-1.9
P60A	Greenville	60.28 355	P	P	02 53 20.6	-2.0
P60A	Greenville	60.28 355	S	S	03 01 36.9	+0.4
P60A	Greenville	60.28 355	Iamb	Iamb	02 53 34.9	
P60A	Greenville	60.28 355	IAMS_20	IAMS_20	03 19 48.7	
P56A	Dayton Farm, R	60.29 353	P	P	02 53 20.2	-2.5
P56A	Dayton Farm, R	60.29 353	S	S	03 01 38.9	+2.2
WCI	Wyandotte Cave	60.36 346	P	Pmax	02 53 19.3	-3.9
WCI	Wyandotte Cave	60.36 346	MLR	MLR		
WCI	Wyandotte Cave	60.36 346	P	P	02 53 20.6	-2.6
WCI	Wyandotte Cave	60.36 346	Iamb	Iamb	02 53 19.3	-3.9
WCI	Wyandotte Cave	60.36 346	IAMS_20	IAMS_20	03 19 50.4	
P55A	Reedsville	60.42 352	P	P	02 53 21.4	-2.1
P55A	Reedsville	60.42 352	S	S	03 01 39.8	+1.4
USIN	University of Georgetown	60.44 344	Iamb	Iamb	02 53 37.6	
Q50A	Georgetown	60.46 348	P	P	02 53 21.6	-2.2
Q50A	Georgetown	60.46 348	S	S	03 01 37.3	-1.6

U40A	Yellville	60.46 339	P	P	02 53 21.6	-2.3
U40A	Yellville	60.46 339	S	S	03 01 36.4	-2.6
U40A	Yellville	60.46 339	Iamb	Iamb	02 53 39.4	
U40A	Yellville	60.46 339	IAMS_20	IAMS_20	03 20 54.6	
O61A	Allentown	60.48 356	P	P	02 53 21.5	-2.4
O61A	Allentown	60.48 356	S	S	03 01 38.4	-0.8
Q51A	Peebles	60.51 349	P	P	02 53 21.7	-2.5
Q51A	Peebles	60.51 349	S	S	03 01 37.3	-2.3
Q51A	Peebles	60.51 349	Iamb	Iamb	02 53 39.9	
Q51A	Peebles	60.51 349	IAMS_20	IAMS_20	03 20 54.0	
MV1	Millersville	60.52 355	IAMS_20	IAMS_20	03 19 48.2	
MCWV	Mont Chateau	60.57 352	P	P	02 53 22.4	-2.2
MCWV	Mont Chateau	60.57 352	Iamb	Iamb	02 53 21.9	-2.6
P54A	Carbondale	60.60 351	P	P	02 53 22.4	-2.4
P54A	Carbondale	60.60 351	S	S	03 01 41.1	+0.3
S44A	Carbondale	60.60 343	Iamb	Iamb	02 53 40.0	
SIUC	Southern Hill	60.61 343	P	P	02 53 21.1	-3.8
SIUC	Southern Hill	60.61 343	Iamb	Iamb	02 53 40.1	
P53A	Whipple	60.62 350	P	P	02 53 22.5	-2.5
P53A	Whipple	60.62 350	S	S	03 01 40.4	-0.6
P53A	Whipple	60.62 350	IAMS_20	IAMS_20	03 20 47.0	
O58A	Lewisberry	60.69 354	P	P	02 53 22.8	-2.6
O58A	Lewisberry	60.69 354	S	S	03 01 42.9	+1.0
O60A	Telford	60.76 356	P	P	02 53 23.7	-2.2
O60A	Telford	60.76 356	S	S	03 01 41.8	-0.9
PAGS	Pennsylvania G	60.78 355	Iamb	Iamb	02 53 38.5	
Q49A	Aurora	60.80 347	P	P	02 53 23.7	-2.5
Q49A	Aurora	60.80 347	S	S	03 01 39.2	-4.0
O59A	Robesonia	60.82 355	P	P	02 53 23.8	-2.4
O59A	Robesonia	60.82 355	S	S	03 01 44.9	+1.4
O57A	Amberson	60.85 354	P	P	02 53 23.6	-2.9
O57A	Amberson	60.85 354	S	S	03 01 45.9	+2.0
P52A	Corning	60.89 350	P	P	02 53 24.5	-2.3
P52A	Corning	60.89 350	S	S	03 01 41.5	-2.9
P51A	Williamsport	60.90 349	P	P	02 53 24.1	-2.8
P51A	Williamsport	60.90 349	S	S	03 01 42.3	-2.2
P51A	Williamsport	60.90 349	Iamb	Iamb	02 53 41.6	
P51A	Williamsport	60.90 349	IAMS_20	IAMS_20	03 21 05.3	
Q48A	North Vernon	60.90 346	P	P	02 53 24.4	-2.4
Q48A	North Vernon	60.90 346	S	S	03 01 41.9	-2.7
O56A	Blue Knob Stat	61.01 353	P	P	02 53 28.9	+1.3
O56A	Blue Knob Stat	61.01 353	S	S	03 01 46.0	0.0
O56A	Blue Knob Stat	61.01 353	IAMS_20	IAMS_20	03 20 10.1	
O55A	Ligonier	61.04 352	P	P	02 53 25.1	-2.7
O55A	Ligonier	61.04 352	S	S	03 01 47.6	+1.2
U38A	Greette	61.05 338	Iamb	Iamb	02 53 38.1	
BRNJ	Basking Ridge	61.07 356	Iamb	Iamb	02 53 42.9	
TUL1	Leroy	61.09 337	P	P	02 53 25.7	-2.5
TUL1	Leroy	61.09 337	S	S	03 01 47.3	+0.2
N61A	South Mountain	61.13 357	P	P	02 53 25.2	-3.1
CPNY	Central Park	61.15 357	Iamb	Iamb	02 53 42.9	
O54A	Avella	61.16 351	P	P	02 53 26.1	-2.4
O54A	Avella	61.16 351	S	S	03 01 48.0	+0.2
O54A	Avella	61.16 351	Iamb	Iamb	02 53 43.4	
P50A	Jamestown	61.16 348	P	P	02 53 25.9	-2.8
P50A	Jamestown	61.16 348	S	S	03 01 44.5	-3.4
WMOK	Wichita Mounta	61.24 334	P	P	02 53 27.6	-1.7
N62A	Caumsett State	61.27 357	P	P	02 53 26.1	-3.1
N62A	Caumsett State	61.27 357	S	S	03 01 50.3	+1.2
P49A	Miami Univ, Ec	61.27 347	P	P	02 53 26.6	-2.7
P49A	Miami Univ, Ec	61.27 347	S	S	03 01 46.4	-2.9
OLIL	Olney	61.28 344	P	P	02 53 25.3	-4.1
OLIL	Olney	61.28 344	Iamb	Iamb	02 53 44.6	
OKCFA	Oklahoma City	61.29 335	Iamb	Iamb	02 53 35.7	
N63A	Mattituck	61.29 358	P	P	02 53 26.6	-2.8
N60A	Cedar Hill Far	61.29 356	P	P	02 53 26.9	-2.5
SSPA	Standing Stone	61.30 354	P	P	02 53 26.9	-2.6
SSPA	Standing Stone	61.30 354	Iamb	Iamb	02 53 27.0	-2.6
SSPA	Standing Stone	61.30 354	Iamb	Iamb	02 53 36.9	
O52A	Adamsville	61.31 350	P	P	02 53 27.2	-2.4
O52A	Adamsville	61.31 350	Iamb	Iamb	02 53 45.4	
O52A	Adamsville	61.31 350	IAMS_20	IAMS_20	03 22 27.1	
BLO	Bloomington	61.31 346	Iamb	Iamb	02 53 45.0	
BLO	Bloomington	61.31 346	IAMS_20	IAMS_20	03 21 54.2	
O53A	New Philadelphia	61.34 351	P	P	02 53 27.9	-1.9
P48A	Milroy	61.35 347	P	P	02 53 27.2	-2.7
P48A	Milroy	61.35 347	IAMS_20	IAMS_20	03 19 47.1	
PAL	Palisades	61.36 357	P	P	02 53 27.7	-2.2
PAL	Palisades	61.36 357	Iamb	Iamb	02 53 42.9	
N57A	Milroy	61.38 354	P	P	02 53 28.2	-1.9
N57A	Milroy	61.38 354	S	S	03 01 52.2	+1.6
N58A	Sunbury	61.39 355	P	P	02 53 27.8	-2.3
N58A	Sunbury	61.39 355	S	S	03 01 52.7	+2.0
N59A	State Game Lan	61.39 355	P	P	02 53 28.4	-1.8
N59A	State Game Lan	61.39 355	S	S	03 01 53.4	+2.7

N59A	State Game Lan	61.39 355	Iamb	Iamb	02 53 45.3	
VNA3	Neumayer Olymp	61.41 161	P	P	02 53 28.7	-1.3
O51A	Patakskala	61.47 349	P	P	02 53 28.9	-1.8
ODNJ	Ogdensburg	61.47 356	Iamb	Iamb	02 53 45.4	
CCM	Cathedral Cave	61.51 341	P	Pmax	02 53 27.2	-3.8
CCM	Cathedral Cave	61.51 341	MLR	MLR		
CCM	Cathedral Cave	61.51 341	P	P	02 53 28.7	-2.3
CCM	Cathedral Cave	61.51 341	Iamb	Iamb	02 53 27.1	-3.8
CCM	Cathedral Cave	61.51 341	IAMS_20	IAMS_20	02 53 46.4	
M66A	Nantucket	61.53 0	P	P	02 53 28.8	-2.2
N55A	Marion Center	61.56 353	P	P	02 53 29.0	-2.4
N55A	Marion Center	61.5				

BCX	comp=Z,722nm,0.9s Boston College baz=431nm,1.0s	62.61 359	Iamb	Iamb	02 53 52.8
BCX	comp=Z,289um,22.0s		IAMs_20	IAMs_20	03 20 13.5
N48A	Decatur baz=165,SNR=100	62.61 348	P	S	02 53 35.9 -2.4
N48A	baz=165		S	S	03 02 02.4 -3.8
AMTX	Amarillo baz=147	62.62 331	P	P	02 53 36.0 -2.7
AMTX	Amarillo comp=Z,494nm,1.3s	62.62 331	Iamb	Iamb	02 53 53.9
M52A	Chesterland baz=169,SNR=53	62.63 351	P	P	02 53 36.0 -2.5
M52A	baz=169		S	S	03 02 04.5 -1.9
M52A	Chesterland comp=Z,808nm,0.9s	62.63 351	Iamb	Iamb	02 53 53.6
WES	Weston comp=Z,560nm,1.0s	62.66 359	Iamb	Iamb	02 53 55.2
WES	comp=Z,319um,22.0s		IAMs_20	IAMs_20	03 20 26.8
BINY	Binghamton baz=174,SNR=83	62.68 355	P	P	02 53 36.0 -2.8
BINY	Binghamton comp=Z,356um,22.0s	62.68 355	IAMs_20	IAMs_20	03 21 11.3
O44A	Mansfield comp=Z,328nm,0.8s	62.71 345	Iamb	Iamb	02 53 53.1
L56A	Greenwood baz=173,SNR=57	62.75 354	P	P	02 53 36.8 -2.5
L61B	Northampton baz=178,SNR=46	62.75 358	P	P	02 53 36.5 -2.8
M50A	Fremont baz=167,SNR=27	62.77 349	P	P	02 53 37.4 -1.9
M50A	Fremont comp=Z,561nm,0.9s	62.77 349	Iamb	Iamb	02 53 54.2
M50A	comp=Z,326um,22.0s		IAMs_20	IAMs_20	03 22 04.7
N47A	Urbana baz=164,SNR=40	62.77 347	P	P	02 53 36.8 -2.6
N47A	baz=164		S	S	03 02 03.4 -4.7
HRV	Adam Dzewiowski baz=164	62.78 359	P	P	02 53 36.7 -2.8
HRV	comp=Z,2um,1.2s		pmx	pmx	
HRV	comp=Z,329um,22.0s		MLR	MLR	
HRV	Adam Dzewiowski baz=179	62.78 359	P	P	02 53 36.8 -2.6
HRV	Adam Dzewiowski comp=Z,329um,22.0s	62.78 359	IAMs_20	IAMs_20	03 20 30.1
L53A	Girard baz=170,SNR=66	62.88 352	P	P	02 53 37.8 -2.3
L53A	baz=170		S	S	03 02 07.3 -2.2
L55A	Hinsdale baz=172,SNR=70	62.88 353	P	P	02 53 38.1 -2.1
L55A	baz=172		S	S	03 02 08.6 -1.1
HSIG	Royalston baz=179,SNR=17	62.90 320	P	P	02 53 36.9 -3.6
K62A	Royalston comp=Z,302um,22.0s	62.96 359	IAMs_20	IAMs_20	02 53 39.0 -1.6
K60A	Five Rivers En baz=176,SNR=15	62.97 357	P	P	02 53 38.9 -1.8
K60A	baz=176		S	S	03 02 10.7 +0.2
K63A	Dunstable baz=179,SNR=16	62.97 359	P	P	02 53 38.9 -1.7
K61A	Williamstown baz=177,SNR=46	62.99 358	P	P	02 53 39.0 -1.8
M49A	Liberty Center baz=166,SNR=73	63.00 349	P	P	02 53 39.0 -2.0
M49A	baz=166		S	S	03 02 08.5 -2.5
ERPA	Erie baz=170,SNR=21	63.01 352	P	P	02 53 39.1 -1.8
L54A	Sinclairville baz=171,SNR=87	63.04 353	P	P	02 53 38.7 -2.5
P40A	Paris comp=Z,424nm,0.8s	63.11 341	Iamb	Iamb	02 53 56.9
M48A	Edgerton baz=165,SNR=24	63.15 348	P	P	02 53 40.0 -1.9
M48A	baz=165		S	S	03 02 09.1 -3.8
M48A	Edgerton comp=Z,630nm,1.0s	63.15 348	Iamb	Iamb	02 53 56.5
M48A	comp=Z,290um,21.0s		IAMs_20	IAMs_20	03 25 13.9
K59A	Cooperstown baz=175,SNR=83	63.17 356	P	P	02 53 39.7 -2.4
K59A	baz=175		S	S	03 02 14.4 +1.2
M47A	Cromwell baz=164,SNR=28	63.21 347	P	P	02 53 39.8 -2.5
M47A	baz=164		S	S	03 02 09.1 -4.6
K58A	Earlville baz=175,SNR=65	63.21 356	P	P	02 53 40.0 -2.3
K58A	baz=175		S	S	03 02 13.5 -0.2
K57A	Scipio Center baz=174	63.25 355	P	P	02 53 40.4 -2.2
K57A	baz=174		S	S	03 02 13.7 -0.4
K56A	Middlesex baz=173,SNR=38	63.28 354	P	P	02 53 40.7 -2.2
K56A	baz=173		S	S	03 02 14.7 +0.1
HDIL	Hopedale baz=160,SNR=38	63.30 344	P	P	02 53 40.6 -2.4
HDIL	Hopedale comp=Z,666nm,0.8s	63.30 344	Iamb	Iamb	02 53 57.2
HDIL	comp=Z,248um,20.0s		IAMs_20	IAMs_20	03 26 03.8
K54A	Basiliko Farm, baz=171,SNR=72	63.34 353	P	P	02 53 41.0 -2.1
K54A	baz=171		S	S	03 02 15.0 -0.2
L50A	Kingsville baz=167,SNR=17	63.35 350	P	P	02 53 41.3 -2.0
L50A	baz=167		S	S	03 02 13.6 -1.8
K55A	Perry baz=172,SNR=36	63.39 354	P	P	02 53 41.6 -1.9
K55A	baz=172		S	S	03 02 16.6 +0.7
J62A	Henniker baz=179,SNR=34	63.51 359	P	P	02 53 42.9 -1.4
L48A	N Adams baz=165,SNR=54	63.54 348	P	P	02 53 42.3 -2.2
L48A	baz=165		S	S	03 02 14.8 -3.0
J63A	Strafford baz=179,SNR=16	63.55 360	P	P	02 53 42.8 -1.7
J60A	Lant Hill Farm baz=177,SNR=61	63.57 358	P	P	02 53 42.7 -2.0
L49A	Milan baz=166,SNR=75	63.58 349	P	P	02 53 42.5 -2.2
L49A	baz=166		S	S	03 02 16.2 -2.0
SNA4	Sanae comp=Z,107nm,0.6s,baz=284,slow=7.4	63.62 161	P	P	02 53 43.4 -1.4
SNA4	Sanae	63.62 161	P	P	02 53 43.6 -1.2
SNA4	comp=Z,2um,1.4s		pmx	pmx	
J61A	Chester baz=178,SNR=29	63.65 358	P	P	02 53 43.2 -1.9
P38A	Dawn comp=Z,427nm,0.8s	63.65 340	Iamb	Iamb	02 54 00.7
319A	Douglas comp=Z,545nm,1.0s	63.67 323	Iamb	Iamb	02 54 02.1
319A	comp=Z,369um,22.0s		IAMs_20	IAMs_20	03 18 56.0
121A	Cookes Peak, D baz=141,SNR=25	63.74 325	P	P	02 53 44.7 -1.5
121A	Cookes Peak, D comp=Z,385nm,1.1s	63.74 325	Iamb	Iamb	02 54 02.7
121A	comp=Z,391um,21.0s		IAMs_20	IAMs_20	03 18 38.7
AAM	Ann Arbor baz=166,SNR=7.9	63.74 349	P	P	02 53 44.0 -1.9
AAM	Ann Arbor comp=Z,803nm,1.1s	63.74 349	Iamb	Iamb	02 54 01.3

AAM	comp=Z,347um,20.0s		IAMs_20	IAMs_20	03 23 54.6
K52A	Tillsburg baz=169,SNR=50	63.75 352	P	P	02 53 43.3 -2.5
M44A	Midewin, Midew comp=Z,363um,19.0s	63.78 345	IAMs_20	IAMs_20	03 25 54.4
J58A	Remsen baz=175,SNR=28	63.78 356	P	P	02 53 44.3 -1.8
J58A	baz=175		S	S	03 02 20.7 0.0
K51A	Iona Station baz=168,SNR=8.4	63.81 351	P	P	02 53 44.1 -2.1
J56A	Wolcott baz=173,SNR=64	63.82 355	P	P	02 53 43.9 -2.3
J56A	baz=173		S	S	03 02 21.0 -0.1
J59A	Piesco baz=176,SNR=115	63.84 357	P	P	02 53 44.2 -2.3
J59A	Piesco comp=Z,975nm,1.4s	63.84 357	Iamb	Iamb	02 54 00.1
N41A	Harden Midland comp=Z,413nm,0.8s	63.86 343	Iamb	Iamb	02 54 01.2
N41A	comp=Z,239um,20.0s		IAMs_20	IAMs_20	03 25 02.6
J57A	Williamstown baz=174,SNR=60	63.88 356	P	P	02 53 44.7 -2.0
J55A	Hilton baz=172,SNR=22	63.89 354	P	P	02 53 44.4 -2.3
J55A	baz=172		S	S	03 02 21.5 -0.6
L46A	Eue Claire baz=164,SNR=8.3	63.98 347	P	P	02 53 44.7 -2.7
L46A	baz=164		S	S	03 02 19.2 -4.0
L46A	Eue Claire comp=Z,1um,1.4s	63.98 347	Iamb	Iamb	02 54 02.2
L46A	comp=Z,440um,22.0s		IAMs_20	IAMs_20	03 21 03.8
J54A	Appleton baz=172,SNR=20	63.98 353	P	P	02 53 45.3 -2.1
J54A	baz=172		S	S	03 02 23.2 0.0
HNH	Hanover comp=Z,317um,22.0s	64.00 359	IAMs_20	IAMs_20	03 21 08.2
K50A	Casco baz=167,SNR=20	64.03 350	P	P	02 53 45.5 -2.2
K50A	baz=167		S	S	03 02 21.6 -2.3
I58A	Old Forge baz=174,SNR=60	64.09 356	P	P	02 53 46.2 -1.9
I58A	baz=175		S	S	03 02 24.3 -0.3
I59A	Olmsteadville baz=176,SNR=55	64.14 357	P	P	02 53 46.6 -1.8
I59A	baz=176		S	S	03 02 27.0 +1.8
I62A	Tamworth baz=179,SNR=30	64.15 359	P	P	02 53 47.0 -1.8
I62A	baz=179		S	S	03 02 28.6 +3.4
I62A	Tamworth comp=Z,595nm,1.1s	64.15 359	Iamb	Iamb	02 54 03.5
I62A	comp=Z,306um,21.0s		IAMs_20	IAMs_20	03 20 35.2
I60A	Shoreham baz=177,SNR=95	64.17 358	P	P	02 53 46.2 -2.3
J52A	Paris baz=170,SNR=117	64.17 352	P	P	02 53 46.6 -2.1
J52A	baz=170		S	S	03 02 23.7 -1.9
K49A	Clarkson baz=166,SNR=31	64.18 349	P	P	02 53 46.7 -2.0
K49A	baz=166		S	S	03 02 22.1 -3.6
I64A	Boothbay baz=181,SNR=14	64.19 1	P	P	02 53 46.8 -2.0
I64A	baz=181		S	S	03 02 27.7 +2.0
K5U1	Kansas State U baz=153,SNR=9.1	64.22 338	P	P	02 53 46.8 -2.3
I61A	Oroboro, Fairl baz=178,SNR=49	64.22 359	P	P	02 53 47.2 -1.7
I61A	baz=178		S	S	03 02 29.1 +2.9
K48A	Perry baz=166,SNR=55	64.31 349	P	P	02 53 47.1 -2.5
K48A	baz=166		S	S	03 02 24.2 -3.2
I63A	Otisfield baz=180,SNR=29	64.32 360	P	P	02 53 47.9 -1.6
I63A	baz=180		S	S	03 02 30.1 +2.8
I63A	Otisfield comp=Z,305nm,0.9s	64.32 360	Iamb	Iamb	02 54 01.5
I63A	comp=Z,387um,22.0s		IAMs_20	IAMs_20	03 21 32.8
NCB	Newcomb comp=Z,408um,22.0s	64.33 357	IAMs_20	IAMs_20	03 21 15.1
K47A	Vermontville baz=165,SNR=48	64.35 348	P	P	02 53 47.1 -2.7
K47A	baz=165		S	S	03 02 24.4 -3.4
I57A	Carthage baz=175,SNR=45	64.38 356	P	P	02 53 48.7 -1.4
Y22D	IRIS PASSCAL I baz=142	64.48 327	P	P	02 53 49.4 -1.7
Y22D	baz=142		S	S	03 02 34.7 +4.5
L44A	Lake County Fo baz=162,SNR=9.6	64.50 346	P	P	02 53 48.2 -2.6
L44A	baz=162		S	S	03 02 23.8 -5.8
L44A	Lake County Fo comp=Z,1um,1.2s	64.50 346	Iamb	Iamb	02 54 06.9
K46A	Dorr baz=164,SNR=28	64.52 348	P	P	02 53 47.7 -3.2
K46A	baz=164		S	S	03 02 25.1 -4.8
LBNH	Lisbon baz=178,SNR=53	64.52 359	P	P	02 53 49.1 -1.8
LBNH	Lisbon comp=Z,345um,22.0s	64.52 359	IAMs_20	IAMs_20	03 21 34.1
N38A	Joeh South For comp=Z,250um,21.0s	64.63 341	IAMs_20	IAMs_20	03 23 38.0
VT1	Waterbury comp=Z,668nm,1.2s	64.64 358	Iamb	Iamb	02 54 06.7
I53A	Kortright Cn E baz=171,SNR=11	64.64 353	P	P	02 53 49.6 -2.0
I53A	baz=171		S	S	03 02 29.8 -1.4
J49A	Marlette baz=167,SNR=65	64.69 350	P	P	02 53 49.8 -2.2
J49A	baz=167		S	S	03 02 29.0 -3.0
J48A	Bridge Port baz=166,SNR=65	64.74 349	P	P	02 53 49.8 -2.5
J48A	baz=166		S	S	03 02 29.7 -2.8
J48A	Bridge Port comp=Z,359um,20.0s	64.74 349	IAMs_20	IAMs_20	03 24 34.8
L42A	Oliver, Polo comp=Z,266nm,0.8s	64.76 344	Iamb	Iamb	02 54 06.4
H58A	Gabriels baz=176,SNR=53	64.78 357	P	P	02 53 50.3 -2.3
H58A</					

G53A	baz=172,SNR=90	S	S	03 02 45.6	0.0	
I45A	baz=172 Fountain	65.91 348	P	P	02 53 57.5 -2.4	
I45A	baz=164	S	S	03 02 43.1	-3.8	
I45A	baz=164 Fountain	65.91 348	IAMs_20	IAMs_20	03 24 21.8	
N33A	I Bar K, Exete comp=Z,614nm,21.0s	65.97 338	IAMB	IAMB	02 54 11.2	
F63A	Nahmakanta, Br baz=181,SNR=8	65.98 1	P	P	02 53 58.0 -2.4	
F63A	Nahmakanta, Br comp=Z,429nm,22.0s	65.98 1	IAMs_20	IAMs_20	03 21 45.8	
H48A	Harrisville baz=167,SNR=45	66.02 350	P	P	02 53 57.9 -2.8	
H48A	baz=167	S	S	03 02 45.4	-2.8	
H48A	Harrisville comp=Z,631nm,0.8s	66.02 350	IAMB	IAMB	02 54 16.0	
G54A	Lake Saint Pet baz=172,SNR=32	66.03 354	P	P	02 53 58.6 -2.1	
G54A	baz=172	S	S	03 02 48.6	+0.2	
H47A	Mio baz=166,SNR=28	66.07 349	P	P	02 53 57.7 -3.3	
H47A	baz=166	S	S	03 02 46.9	-2.0	
214A	Organ Pipe Nat baz=136,SNR=39	66.13 321	P	P	02 54 00.2 -1.4	
214A	baz=136	S	S	03 02 53.4	+3.2	
214A	Organ Pipe Nat comp=Z,693nm,1.1s	66.13 321	IAMB	IAMB	02 54 19.1	
F59A	Saint Guillaume baz=178,SNR=8.4	66.15 358	P	P	02 53 58.9 -2.5	
F59A	baz=178	S	S	03 02 52.9	+3.2	
F64A	Sherman baz=182,SNR=49	66.16 2	P	P	02 53 58.4 -3.0	
F64A	baz=182	S	S	03 02 51.0	+1.1	
F64A	Sherman comp=Z,730nm,1.1s	66.16 2	IAMB	IAMB	02 54 18.3	
F64A	comp=Z,407nm,22.0s	66.16 2	IAMs_20	IAMs_20	03 22 01.5	
GBN	Guysborough comp=Z,413nm,0.9s	66.19 7	IAMB	IAMB	02 54 13.4	
GBN	comp=Z,293nm,20.0s	66.19 357	P	P	02 53 59.4 -2.3	
F57A	Harrington baz=176	S	S	03 02 51.6	+1.4	
H46A	Fife Lake baz=165,SNR=10	66.19 349	P	P	02 53 59.0 -2.7	
H46A	baz=165	S	S	03 02 47.3	-3.1	
K38A	Parkersburg comp=Z,458nm,1.2s	66.19 342	IAMB	IAMB	02 54 07.6	
F58A	St-Lin Laurent baz=177	66.20 357	P	P	02 53 59.4 -2.3	
F58A	baz=177	S	S	03 02 52.9	+2.5	
F61A	St Evariste baz=180,SNR=33	66.25 360	P	P	02 53 59.1 -3.0	
F60A	Warwick baz=178,SNR=95	66.25 359	P	P	02 53 59.7 -2.4	
F55A	Otter Lake baz=174,SNR=9.3	66.32 356	P	P	02 54 00.3 -2.1	
F55A	baz=174	S	S	03 02 51.6	-0.2	
LMN	Caledonia Moun comp=Z,648nm,1.1s	66.32 4	IAMB	IAMB	02 54 14.4	
LMN	comp=Z,286nm,20.0s	66.35 346	IAMs_20	IAMs_20	03 25 15.8	
I42A	Draeger Farm, comp=Z,496nm,1.1s	66.35 346	IAMB	IAMB	02 54 17.2	
GLMI	Graying baz=162,SNR=28	66.36 349	P	P	02 54 00.7 -2.1	
X18A	Snowlake comp=Z,317nm,19.0s	66.42 325	IAMs_20	IAMs_20	03 23 23.8	
H45A	Beulah baz=164,SNR=12	66.43 348	P	P	02 54 00.6 -2.7	
H45A	baz=164	S	S	03 02 49.2	-4.1	
K50A	Kaye Shedlock baz=147,SNR=30	66.49 333	P	P	02 54 01.6 -2.4	
K50A	baz=147	S	S	03 02 54.4	-0.1	
F52A	Sundridge baz=171,SNR=60	66.55 353	P	P	02 54 01.5 -2.5	
F52A	baz=171	S	S	03 02 55.4	+0.8	
G47A	Hillman baz=166,SNR=26	66.57 350	P	P	02 54 01.9 -2.2	
G47A	baz=166	S	S	03 02 52.0	-2.9	
ALGO	Algonquin Park baz=172,SNR=32	66.58 354	P	P	02 54 01.3 -2.9	
H43A	Windswept, Lux comp=Z,471nm,1.0s	66.64 347	IAMB	IAMB	02 54 19.5	
H43A	comp=Z,232nm,20.0s	66.64 359	P	P	02 54 02.6 -2.0	
E60A	Ste Agathe de baz=179,SNR=11	66.69 358	P	P	02 54 03.2 -1.7	
E58A	La Victoire baz=177,SNR=35	66.69 358	S	S	03 02 57.9	+1.6
E58A	baz=177	S	S	03 02 57.9	+1.6	
L34A	Svendsen Farm, comp=Z,610nm,1.4s	66.69 339	IAMB	IAMB	02 54 21.7	
E61A	Lac Etchemin baz=180,SNR=38	66.70 0	P	P	02 54 03.1 -1.9	
E63A	Oxbow baz=182,SNR=16	66.72 2	P	P	02 54 03.8 -1.3	
E63A	baz=182	S	S	03 02 59.2	+2.6	
E63A	Oxbow comp=Z,764nm,1.2s	66.72 2	IAMB	IAMB	02 54 17.6	
SDCO	Great Sand Dun baz=144,SNR=57	66.73 30	P	P	02 54 04.4 -1.2	
E64A	Bridgewater baz=183,SNR=31	66.73 2	P	P	02 54 03.3 -1.8	
F51A	Arnstein baz=170,SNR=57	66.75 353	P	P	02 54 03.5 -1.8	
F51A	baz=170	S	S	03 02 55.5	-1.5	
W18A	Petrified Fore baz=140,SNR=24	66.76 326	P	P	02 54 03.8 -2.0	
W18A	baz=140	S	S	03 03 00.2	+2.2	
W18A	Petrified Fore comp=Z,502nm,1.4s	66.76 326	IAMB	IAMB	02 54 20.8	
W18A	comp=Z,233nm,20.0s	66.76 348	IAMs_20	IAMs_20	03 23 47.7	
G45A	Suttons Bay baz=165,SNR=29	66.76 348	P	P	02 54 03.2 -2.2	
G45A	baz=165	S	S	03 02 52.8	-4.4	
G45A	Suttons Bay comp=Z,634nm,1.1s	66.76 348	IAMB	IAMB	02 54 20.5	
E57A	Chemin Saint G baz=176,SNR=53	66.76 357	P	P	02 54 03.4 -2.0	
E57A	baz=176	S	S	03 02 57.6	+0.3	
I40A	Norwalk comp=Z,394nm,1.1s	66.77 344	IAMB	IAMB	02 54 19.6	
I40A	comp=Z,364nm,19.0s	66.78 358	P	P	02 54 03.5 -1.9	
E59A	St. Maurice baz=178,SNR=6.4	66.81 338	S	S	03 02 58.1	+0.8
BGNE	Belgrade baz=152,SNR=53	66.81 338	P	P	02 54 03.1 -2.7	
BGNE	baz=152	S	S	03 02 57.7	-0.3	
F49A	Sandfield baz=168,SNR=29	66.86 351	P	P	02 54 03.7 -2.2	
F49A	baz=168	S	S	03 02 55.1	-3.3	
G46A	Petoskey baz=165,SNR=37	66.88 349	P	P	02 54 03.7 -2.5	
G46A	baz=165	S	S	03 02 54.4	-4.3	
E55A	Montcer-Lytto baz=174,SNR=11	66.91 356	P	P	02 54 04.4 -1.8	

E55A	baz=174	S	S	03 02 57.8	-1.2
E56A	St. Veronique baz=175,SNR=86	66.94 357	P	P	02 54 04.2 -2.3
E56A	baz=175	S	S	03 02 59.9	+0.6
E53A	Dumoine, Ponti baz=173,SNR=32	66.97 355	P	P	02 54 04.3 -2.4
E53A	baz=173	S	S	03 02 59.2	-0.4
E52A	Mattawa baz=172,SNR=24	66.97 354	P	P	02 54 04.6 -2.1
E52A	baz=172	S	S	03 02 58.9	-0.8
E54A	Lac Daplat, Po baz=173,SNR=37	66.98 355	P	P	02 54 04.1 -2.6
E54A	baz=173	S	S	03 02 58.9	-0.8
PQI	Presque Isle comp=Z,1um,1.4s	66.98 2	IAMB	IAMB	02 54 19.1
PQI	comp=Z,357um,22.0s	67.01 351	IAMs_20	IAMs_20	03 22 36.1
F48A	Evansville baz=168,SNR=27	67.01 351	P	P	02 54 05.0 -2.0
F48A	baz=168	S	S	03 02 56.8	-3.4
X16A	Lo Mia Camp, P comp=Z,632nm,1.4s	67.15 324	IAMB	IAMB	02 54 25.9
X16A	comp=Z,388um,22.0s	67.19 360	IAMs_20	IAMs_20	03 20 33.1
D60A	Saint Jean D'O baz=180,SNR=32	67.19 360	P	P	02 54 05.7 -2.2
D60A	baz=180	S	S	03 03 04.2	+2.0
D59A	Saint-Raymond baz=179,SNR=13	67.29 359	P	P	02 54 05.5 -2.1
D59A	baz=179	S	S	03 03 05.6	+2.1
E51A	G1948 Merrick baz=171,SNR=88	67.30 353	P	P	02 54 07.0 -1.8
E51A	baz=171	S	S	03 03 03.7	0.0
D63A	Stockholm baz=182,SNR=20	67.34 2	P	P	02 54 07.2 -1.8
S22A	4UR Ranch, Cre baz=143,SNR=19	67.35 329	P	P	02 54 08.1 -1.5
S22A	baz=143	S	S	03 03 06.0	+0.8
F45A	CMU Biological baz=165,SNR=67	67.36 349	P	P	02 54 06.9 -2.2
F45A	baz=165	S	S	03 03 00.1	-4.2
D57A	Chemin Vers le baz=177,SNR=51	67.36 357	P	P	02 54 07.7 -1.4
D57A	baz=177	S	S	03 03 06.4	+2.1
D62A	Allapoint, All baz=182,SNR=62	67.36 1	P	P	02 54 07.3 -1.9
D62A	baz=182	S	S	03 03 06.5	+2.1
D58A	Chemin du LacG baz=178,SNR=67	67.40 358	P	P	02 54 07.1 -2.3
D58A	baz=178	S	S	03 03 07.1	+2.2
D56A	ZEC Mazanza, M baz=176,SNR=30	67.43 357	P	P	02 54 07.4 -2.2
D56A	baz=176	S	S	03 03 06.9	+1.6
D55A	Sainte-Anne-du baz=175,SNR=43	67.44 356	P	P	02 54 07.6 -2.1
D55A	baz=175	S	S	03 03 04.6	-0.7
D61A	St Aubert, Com baz=180,SNR=21	67.47 0	P	P	02 54 07.6 -2.2
Q24A	Divide baz=145	67.55 331	P	P	02 54 08.8 -2.1
Q24A	baz=145	S	S	03 03 08.9	+1.2
E48A	Lockeey baz=168,SNR=32	67.58 351	P	P	02 54 08.3 -2.3
E48A	baz=168	S	S	03 03 03.5	-3.6
I37A	Lemond, Waseca comp=Z,496nm,0.8s	67.63 342	IAMB	IAMB	02 54 26.1
D54A	Lac Fusel, L baz=174,SNR=47	67.65 355	P	P	02 54 08.8 -2.1
D54A	baz=174	S	S	03 03 07.9	0.0
D53A	Lac Vacive, Po baz=173,SNR=46	67.66 355	P	P	02 54 09.2 -1.8
D53A	baz=173	S	S	03 03 09.5	+1.5
D53A	Lac Vacive, Po comp=Z,525nm,0.8s	67.66 355	IAMB	IAMB	02 54 25.7
BATG	Batist New B comp=Z,693nm,1.1s	67.67 3	IAMB	IAMB	02 54 23.4
LATQ	La Tuque baz=178,SNR=13	67.69 358	P	P	02 54 08.5 -2.7
E47A	Iron Bridge baz=167,SNR=44	67.72 350	P	P	02 54 08.7 -2.8
E47A	baz=167	S	S	03 03 05.2	-3.6
MVCO	Mesa Verde baz=142,SNR=25	67.74 328	P	P	02 54 10.2 -1.9
E46A	Sault Ste Mari comp=Z,574nm,1.1s	67.80 350	IAMB	IAMB	02 54 27.2
D51A	Lot 18 Range I baz=171,SNR=47	67.84 353	P	P	02 54 10.3 -1.9
D51A	baz=171	S	S	03 03 09.8	-1.3
OGNE	Ogallala baz=148,SNR=29	67.88 335	P	P	02 54 11.1 -1.5
WUAZ	Wupatki baz=139,SNR=20	67.94 325	P	P	02 54 10.9 -2.3
WUAZ	Wupatki comp=Z,468nm,1.1s	67.94 325	IAMB	IAMB	02 54 30.7
WUAZ	comp=Z,295um,21.0s	67.95 347	IAMs_20	IAMs_20	03 21 43.8
F42A	Maple Grove Fa comp=Z,604nm,1.2s	67.95 347	IAMs_20	IAMs_20	03 24 34.8
TAOE	Nuku Hiva Isla comp=Z,80um,27.2s	67.96 269	eP	eP	02 54 20.0 +6.2
TAOE	Nuku Hiva Isla comp=Z,630um,26.8s	67.96 269	eLR	LR	03 14 52.6
TAOE	Nuku Hiva Isla comp=Z,515nm,0.2s	67.96 269	IAMs_20	IAMs_20	03 16 19.8
TAOE	Nuku Hiva Isla comp=Z,284um,20.0s	67.96 353	P	P	02 54 10.5 -2.4
D50A	C1974 Best Tow baz=171,SNR=51	67.96 353	P	P	02 54 10.5 -2.4
D50A	baz=171	S	S	03 03 09.4	-2.2
GLA	Glamis baz=135,SNR=6.8	68.10 321	P	P	02 54 12.2 -2.0
GLA	baz=135	S	S	03 03 18.0	+4.1
NVL	N'azareskaya comp=Z,2um,1.4s	68.20 159	iP	iP	02 54 12.0 -2.2
NVL	comp=Z,257um,19.0s	68.21 352	MLR	MLR	03 03 10.2 -4.4
D48A	Paudash Townsh baz=169,SNR=40	68.21 352	P	P	02 54 11.4 -3.1
D48A	baz=169	S	S	03 03 10.2	-4.4
D49A	Beulah Townshi baz=169,SNR=49	68.25 352	P	P	02 54 11.9 -2.8
D49A	baz=169	S	S	03 03 12.4	-2.7
D46A	Saut St. Mari baz=166,SNR=24	68.27 350	P	P	02 54 12.1 -2.8
D46A	baz=166	S	S	03 03 11.7	-3.5
D47A	Chapleau baz=167,SNR=44	68.28 351	P	P	02 54 12.4 -2.5
E43A	Lone Tree Farm comp=Z,261nm,0.9s	68.30 348	IAMB	IAMB	02 54 29.1
E43A	comp=Z,245um,20.0s	68.33 349	IAMs_20	IAMs_20	03 26 43.2
E44A	Grand Marais A baz=164,SNR=24	68.33 349	P	P	02 54 12.5 -2.7
E44A	Grand Marais A comp=Z,537nm,1.1s	68.33 349	IAMB	IAMB	02 54 31.1
ECSD	EROS Data Cent comp=Z,288um,22.0s	68.35 340	P	P	02 54 13.2 -2.3

ECSD	EROS Data Cent comp=Z,288um,22.0s	68.35 340	IAMs_20	IAMs_20	03 25 58.5
Y12C	Blythe baz=136	68.42 321	P	P	02 53 14.5 -1.5
Y12C	baz=136	S	S	03 04 21.1	+3.6
ISCO	Idaho Springs baz=145,SNR=46	68.44 332	P	P	02 54 14.2 -2.3
COWI	Conover comp=Z,284um,22.0s	68.49 346	IAMs_20	IAMs_20	03 25 20.3
PV01	Paradox Valley comp=Z,762nm,1.1s	68.50 328	IAMB	IAMB	02 54 34.7
SMCO	Snowmass comp=Z,715nm,1.1s	68.56 330	IAMB	IAMB	02 54 35.2
SMCO	comp=Z,223um,2				

3d 2h

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 3d 2h band.

2014 APR

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 2014 APR band.

202

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 202 band.

KIS		iSKS	SKSdf	03 09 00.0+0.6	VSR		e	03 03 15.4	PET		eSSS	SSS	03 26 58.4			
KIS		pmax	pmax		VSR		ePS	03 12 54.9 +4.0	PET	Petropavlovsk	130.45 323	IAMS_20	IAMS_20	04 08 49.7		
comp-Z,15um,20.0s					VSR		eSS	03 19 25.6 -4.4	UMQ	Umm Al-Quwain	130.48 74	iPKIKP	PKIKP	03 02 31.4 +5.0		
KIS	Kishinev	111.01 46	iPPS	PPS	03 13 00.0				ASHO	Ashtiyah	130.75 75	iPKPdf	PKPdf	03 02 24.8 -1.3		
KIS	Kishinev	111.01 46	iST	ST	03 17 50.0 -7.8				HATD	Hatta, Dubai	130.83 75	iPKIKP	PKPdf	03 02 26.0 -0.2		
HOPEN	Hopen	111.16 15	ePdif	Pdif	02 57 47.4 -0.9				UOSS		130.91 74	iPKIKP	PKPdf	03 02 26.1 -0.2		
HOPEN			iVmB_BB		02 58 01.8				MSFE	Esma-Masafi	130.91 74	iPKPdf	PKPdf	03 02 24.0 -2.3		
comp-Z,4um,4.2s									PEA0B	Petropavlovsk	130.96 323	iPKIKP	PKIKP	03 02 27.7 +1.2		
HOPEN			ePP	PP	03 02 28.1 +1.6				PEA0B	Petropavlovsk	130.96 323	IAMS_20	IAMS_20	04 09 42.9		
HOPEN			ePS	SS	03 12 03.4 +5.8				PETK	Petropavlovsk	130.96 323	PKP	PKP	03 02 25.9 +0.4		
HOPEN			eSS	SS	03 18 01.5 +3.3				PETK	Petropavlovsk	130.96 323	PKP	PKP	03 02 23.1 -2.5		
HOPEN			iVMs_BB	IVMs_BB	03 49 06.7				SHME	Shamm	130.96 73	iPKPdf	PKPdf	03 02 23.8 -2.6		
comp-Z,35um,20.9s									MDH	Madha	131.03 74	iPKPdf	PKPdf	03 02 24.5 -2.1		
ARCES	ARCESS Array B	111.20 22	Pdif	Pdif	02 57 54.4 +5.7				BANOM	Banah	131.09 73	iPKPdf	PKPdf	03 02 24.4 -2.3		
comp-Z,1.4nm,1.2s,baz=294,slow=2.9,SNR=1.7									MA2	Magadan	131.25 333	PKP	PKP	03 02 26.0 +0.1		
ARCES			iPKIKP	PKIKP	03 01 48.0 +0.8				MA2	Magadan	131.25 333	PKP	PKP	03 02 27.4 +0.5		
comp-Z,9.2nm,0.9s,baz=315,slow=4.5,SNR=3.8									MA2	Magadan	131.25 333	IAMS_20	IAMS_20	03 02 22.0 -3.9		
ARCES			PP	PP	03 02 25.0 -2.0				RABL	Rabaul	131.44 244	IAMS_20	IAMS_20	03 48 11.0		
comp-Z,1.1nm,0.8s,baz=284,slow=3.6,SNR=2.5									ABKAR	Abkular array	131.47 42	PKP	PKP	03 02 21.3 -5.4		
ARCES			ePKPbc	PKPbc	03 12 46.0 +0.2				COEN	Coen	132.32 227	IAMS_20	IAMS_20	03 54 00.3		
AREO	ARCESS Array S	111.20 22	ePdif	Pdif	02 57 47.6 -1.0				comp-Z,7.75um,20.0s							
AREO			ePP	PP	03 02 30.2 +3.3				PMG	Port Moresby	132.47 235	PKIKP	PKPdf	03 02 25.9 -3.7		
AREO			eSKS	SKS	03 08 25.8 -1.4				PMG	Port Moresby	132.47 235	PKIKP	PKPdf	03 02 25.9 -3.7		
AREO			ePS	SS	03 12 01.1 +2.7				GEYT	Alibeck	132.55 57	PKP	PKP	03 02 27.9 -1.2		
AREO			eSS	SS	03 17 55.0 -4.1				comp-Z,2.23nm,0.9s,baz=242,slow=3.2,SNR=11							
AREO			iVMs_BB	IVMs_BB	03 44 08.2				GEYT	Alibeck	132.55 57	PKP	PKP	03 02 24.5 -4.6		
comp-Z,90um,20.0s									GYA0B	ALIBECK ARRAY	132.55 57	PKIKP	PKP	03 02 27.9 -1.2		
MICGM	Minsk	111.32 38	eP	P	02 57 57.0 +7.6				SKR	Severo-Kuril's	132.78 321	iPKIKP	PKIKP	03 02 30.9 +0.7		
MICGM			ePKP	PKP	03 01 44.0 -3.9				SKR			eSS	SS	03 22 33.5 -1.3		
MICGM			ePP	PP	02 02 31.0 +2.8				SKR			eSS	SS	03 27 27.2 +0.1		
MICGM			ePPP	PPP	03 04 28.0				WSAR	Wadi Sarin	132.91 77	PKP	PKP	03 02 30.3 +0.1		
MICGM			eSKS	SKS	03 08 10.0 -1.8				comp-Z,8.1nm,1.1s,baz=278,slow=5.0,SNR=16							
MICGM			eSKS	SKS	03 09 16.0 -1.4				WRA	Warrungarra Arr	132.95 213	PKP	PKP	03 02 30.7 +0.2		
MICGM			eSKS	SKS	03 12 00.0 +0.1				WRA							
MICGM			eSS	SS	03 17 55.0 -4.1				WRA							
MICGM			eSSS	SSS	03 21 56.0				comp-Z,5.4nm,1.1s,baz=231,slow=2.0,SNR=5.3							
MICGM			eLR	LR	04 44 10.0				WRA	Warrungarra Arr	132.95 213	PKP	PKP	03 02 16.5		
MICGM			eLR	LR	04 47 04.0				WRAB	Tennant Creek	132.95 213	PKP	PKP	03 02 29.0 -1.4		
comp-Z,270nm,20.0s									WRAB	Tennant Creek	132.95 213	PKP	PKP	03 02 15.2		
MNK	Minsk	111.32 38	ePKIKP	PKIKP	03 01 44.0 -3.9				H08S1	Diego Garcia H	134.04 124	PKP	PKP	03 02 36.0 +2.4		
MNK			ePS	SS	03 12 00.0 +0.1				H08S2	Diego Garcia H	134.05 124	PKP	PKP	03 02 36.0 +2.4		
AKASG	Malin Array Be	111.74 42	Pdif	Pdif	02 57 53.9 +2.6				BRVK	Borovyoe	135.79 331	ePKIKP	PKP	03 02 32.9 -1.7		
AKASG			iPKIKP	PKIKP	03 01 50.1 +1.4				comp-Z,382um,20.0s							
AKASG			PP	PP	03 02 28.1 -3.3				BRVK	Borovyoe	135.79 331	PKP	PKP	03 02 31.6 -3.1		
AKASG			ePKPbc	PKPbc	03 12 44.8 +1.3				YAK	Yakutsk	136.30 346	PKP	PKP	03 02 27.1		
comp-Z,1.9nm,1.0s,baz=260,slow=6.8,SNR=6.2									YAK	Yakutsk	136.30 346	ePKIKP	PKP	03 02 28.2		
AKASG			ePKPbc	PKPbc	03 12 44.8 +1.3				comp-Z,7.5nm,0.3s,baz=34,slow=3.0,SNR=1.4							
AKASG	Malin Array Be	111.74 42	Pdif	Pdif	02 57 46.0 -5.4				YAK	Yakutsk	136.30 346	PKP	PKP	03 02 28.2		
AKASG	Malin Array Be	111.74 42	Pdif	Pdif	02 57 46.0 -5.4				YAK	Yakutsk	136.30 346	PKP	PKP	03 02 28.2		
SPIA	Saint Paul Isl	112.31 325	IAMS_20	IAMS_20	03 54 45.9				YAK	Yakutsk	136.30 346	PKP	PKP	03 02 28.2		
comp-Z,174um,22.0s									comp-N,104um,23.0s							
ANTO	Ankara	112.89 54	iPKIKP	PKIKP	03 01 54.2 +2.7				YAK	Yakutsk	136.30 346	PKP	PKP	03 02 23.3		
ANTO	Ankara	112.89 54	iPKIKP	PKIKP	03 01 54.2 +2.7				YAK	Yakutsk	136.30 346	PKP	PKP	03 02 23.3		
EIL	Eilat	112.91 66	iPKIKP	PKIKP	03 01 52.5 +0.8				YAK	Yakutsk	136.30 346	PKP	PKP	03 02 23.3		
comp-Z,1.9nm,1.1s,baz=250,slow=4.5,SNR=5.2									FITZ	Fitzroy Crossi	138.43 303	PKIKP	PKP	03 02 31.4		
EIL			ePKPbc	PKPbc	03 02 43.2 +2.8				FITZ							
BRTR	Keskin Array B	113.51 55	Pdif	Pdif	02 58 10.1 +1.0				comp-E,12nm,0.8s,baz=171,slow=3.3,SNR=12							
BRTR			iPKIKP	PKIKP	03 01 54.4 +1.6				FITZ	Fitzroy Crossi	138.43 303	PKP	PKP	03 02 33.6		
BRTR			PP	PP	03 02 45.7 +1.1				BRZS	Berezni	138.69 36	ePKIKP	PKP	03 02 31.3		
BRTR			ePKPbc	PKPbc	03 13 01.0 +1.5				BRZS			ePP	PP	03 05 31.2 +0.2		
comp-Z,1.7nm,0.9s,baz=270,slow=3.2,SNR=5.2									BRZS	Berezni	138.69 36	ePKIKP	PKP	03 02 31.3		
BRTR			ePKPbc	PKPbc	03 13 01.0 +1.5				comp-Z,169um,22.0s							
comp-Z,5.2nm,0.8s,baz=104,slow=1.7,SNR=6.8									BRLS	Boroday	140.04 47	ePKP	PKP	03 02 35.6		
MIDW	Midway	113.86 293	IAMS_20	IAMS_20	03 38 50.0				KUR	Kuril'sk	140.04 317	ePKIKP	PKP	03 02 44.1 -1.0		
MMAI	Mount Meron Ar	113.90 62	Pdif	Pdif	02 58 09.6 +8.0				KUR			iSS	SS	03 02 46.7		
MMAI			iPKIKP	PKIKP	03 01 53.4 -0.2				KK31	Karatay Array	140.47 46	iPKIKP	PKP	03 02 39.2 -4.4		
MMAI			PP	PP	03 02 50.7 +3.3				KKAR	Karatay Array	140.47 46	iPKIKP	PKP	03 02 37.9 -3.9		
comp-Z,8.6nm,0.7s,baz=166,slow=0.3,SNR=6.5									IUG	Iuzhnyy	140.49 48	ePKP	PKP	03 02 37.9 -3.9		
APA	Apapity	114.15 24	iPKIKP	PKIKP	03 01 55.6 +2.7				IUG			ePP	PP	03 05 46.1 +3.4		
APA			i		03 02 55.0				IUG	Iuzhnyy	140.49 48	eLR	LR	04 01 47.4		
APA			iPS	PKPbc	03 12 32.0 -3.8				IUG	Iuzhnyy	140.49 48	ePKIKP	PKP	03 02 37.9 -5.9		
APA			iSS	SS	03 18 43.0 +4.7				DZA	Taraz	141.11 46	ePKP	PKP	03 02 40.6 -4.2		
comp-Z,1.5nm,1.2s									DZA	Taraz	141.11 46	ePKIKP	PKP	03 02 40.6 -4.2		
ATKA	Atka Island	114.34 319	IAMS_20	IAMS_20	03 39 40.9				KURK	Kurchatov	141.35 32	ePKIKP	PKP	03 02 40.1 -4.8		
comp-Z,109um,21.0s									comp-Z,244um,22.0s							
SIM	Simferopol'	114.45 49	eP	P	02 58 09.0 +5.4				KURK	Kurchatov	141.35 32	PKP	PKP	03 02 40.1 -4.8		
SIM			pmax	pmax	03 02 59.0				kurRB	Kurchatov Arra	141.37 32	PKP	PKP	03 02 43.6 -1.3		
SIM			MLR	MLR					comp-Z,29nm,0.8s,baz=306,slow=3.0,SNR=46							
comp-Z,7um,8.4s									KURRB							
DIKM	Dikmen	114.96 53	iPKIKP	PKIKP	03 02 01.2 +6.0				ZALV	Zalesovo Beam	141.74 23	PKP	PKP	03 02 43.9 -1.6		
ASF	Jabal al Asfar	115.00 63	PKIKP	PKIKP	03 01 56.9 +1.1				JAY	Jayapura	141.75 237	PKP	PKP	03 02 46.3 -0.6		
comp-E,13nm,0.8s,baz=116,slow=1.2,SNR=9.3									KBL	Kabul	141.79 60	PKIKP	PKP	03 02 43.1 -3.4		
ASF			PP	PP	03 02 56.7 +1.4				YUK	Yuzh-Kuril'sk	141.85 316	iPKIKP	PKP	03 02 42.2 -3.8		
comp-E,38nm,1.0s,baz=184,slow=4.9,SNR=4.4									YUK			ePP	PP	03 05 48.4		
ASF			ePKPbc	PKPbc	03 12 52.4 -3.9				YUK			eSS	SS	03 09 01.8		
comp-E,7.5nm,0.9s,baz=157,slow=1.9,SNR=3.3									YUK			iSS	SS	03 24 22.3 -0.5		
ATD	Arta Tunnel	115.67 87	PKP	PKP	03 01 59.3 +1.8				comp-Z,636nm,1.3s							
comp-Z,1.4nm,0.9s,baz=227,slow=1.9,SNR=4.8									YUK							
ATD			PP	PP	03 03 06.0 +5.7				comp-Z,131um,22.0s							
ATD			ePKPbc	PKPbc	03 01 52.3 -5.2				YUK							
ADK	Adak	115.87 319	IAMS_20	IAMS_20	03 40 10.3				comp-E,150um,21.0s							
comp-Z,104um,22.0s									BTLs	Baital	141.96 42	iPKP	PKP	03 02 43.5 -2.8		
OBN	Obninsk	116.36 38	iPKIKP	PKIKP	03 01 58.5 +1.1				BTLs			ePP	PP	03 05 53.3 +2.0		
OBN	Obninsk	116.36 38	ePKIKP	PKIKP	03 01 57.8 +0.3				BTLs			eLR	LR	04 01 16.9		
OBN			ePPP	PPP	03 03 03.7				comp-N,38um,20.1s							
OBN			pmax	pmax	03 05 32.3				BTLs	Baital	141.96 42	iPKIKP	PKP	03 02 43.4 -2.8		
OBN			MLR	MLR					BTLs			ePKIKP	PKP	03 02 41.8 -5.2		
comp-Z,296nm,1.0s									comp-N,38um,20.1s							
OBN			MLR	MLR					BTLs			eLR	LR	04 01 16.9		
comp-Z,498um,20.0s																

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Table with columns: GRNR, Gornyy, 143.18 331, ePKIKP, PKPbc, 03 02 46.5 +1.4, 03 05 59.2

Table with columns: MOY, Mondy, 148.28 10, ePKP2, PKPbc, 03 02 59.2 -1.2, 03 02 58.8 +1.6

Table with columns: BKNI, Dongkinrang, 158.22 157, PKPdf, PKPdf, 03 03 07.0 -5.4, 03 03 13.0 +1.8

V58A	Windy Hill, Pi	baz=171,SNR=6.4	56.78 352	P	P	03 05 50.4 +0.5
V57A	Coltrane Farms	baz=170	56.96 351	P	P	03 05 51.5 +0.4
V56A	Mocksville	baz=170	56.99 350	P	P	03 05 52.1 +0.7
U61A	Possum Corner	baz=169	57.01 354	P	P	03 05 52.2 +0.8
NATX	Nacogdoches	baz=174	57.05 336	P	P	03 05 53.0 +1.1
NATX	Nacogdoches	baz=153	57.05 336	IAmb	IAmb	03 06 01.3
V55A	Taylorville	comp=Z,49nm,1.1s	57.15 350	P	P	03 05 52.9 +0.4
U59A	Littleton	baz=168	57.16 353	P	P	03 05 53.0 +0.5
U59A	Littleton	baz=172,SNR=6.7	57.16 353	IAmb	IAmb	03 05 54.1
V54A	Nebo	comp=Z,29nm,0.9s	57.20 349	P	P	03 05 53.1 +0.2
U60A	Pendleton	baz=167	57.21 354	P	P	03 05 53.6 +0.7
U58A	Oxford	baz=173	57.30 352	P	P	03 05 54.6 +1.1
U57A	Blanch	baz=170	57.44 352	P	P	03 05 55.1 +0.7
U56A	King	baz=169	57.50 351	P	P	03 05 55.8 +0.8
Z41A	Richland Creek	baz=155	57.71 338	P	P	03 05 57.1 +0.6
T59A	Double "B" Far	baz=172,SNR=7.0	57.75 353	P	P	03 05 56.9 +0.2
U55A	TA2, Sparta	baz=168	57.76 350	P	P	03 05 57.0 +0.2
OXF	Oxford	baz=159	57.77 342	P	P	03 05 56.9 0.0
T60A	Surry	baz=173	57.83 354	P	P	03 05 57.8 +0.6
U54A	Grand View Acr	baz=171,SNR=6.7	57.84 352	P	P	03 05 57.5 +0.2
T58A	Nelsons Funny	baz=168	57.91 349	P	P	03 05 58.1 +0.2
T57A	Hurt	baz=170	57.98 352	P	P	03 05 58.7 +0.4
T56A	Rocky Mt	baz=170	58.12 351	P	P	03 05 59.9 +0.6
X43A	Marvell	baz=159	58.22 340	P	P	03 06 00.3 +0.2
T55A	Pulaski	baz=169	58.32 350	P	P	03 06 01.4 +0.7
S60A	Water View	baz=173	58.39 354	P	P	03 06 01.7 +0.6
T54A	Tazewell	baz=168	58.39 350	P	P	03 06 01.4 +0.1
S58A	Poland Farm, P	baz=172	58.44 353	P	P	03 06 01.8 +0.4
S58A	Poland Farm, P	comp=Z,49nm,1.1s	58.44 353	IAmb	IAmb	03 06 02.6
T53A	Wise	baz=167	58.48 349	P	P	03 06 01.6 -0.3
S59A	Mechanicsville	baz=173	58.51 354	P	P	03 06 02.1 +0.1
T52A	Hallie	baz=166	58.69 348	P	P	03 06 03.0 -0.3
S56A	Natural Bridge	baz=170	58.69 352	P	P	03 06 04.1 +0.9
S57A	Dark Hollow, R	baz=171	58.69 352	P	P	03 06 04.2 +0.9
S57A	Dark Hollow, R	comp=Z,49nm,1.1s	58.69 352	IAmb	IAmb	03 06 05.2
T51A	Gray	baz=165	58.74 347	P	P	03 06 03.7 +0.1
R58B	Mineral	baz=172,SNR=5.5	58.77 353	P	P	03 06 04.0 +0.2
VVW	Waverly	baz=161	58.84 344	P	P	03 06 03.6 -0.7
S55A	Levisburg	baz=169	58.92 351	P	P	03 06 05.4 +0.5
R59A	King George, V	baz=173	58.92 354	P	P	03 06 05.6 +0.8
T50A	Nancy	baz=164	58.98 347	P	P	03 06 04.5 -0.8
S54A	Dingess, Beckl	baz=168	59.07 350	P	P	03 06 06.1 +0.1
S53A	Williamson	baz=167	59.09 349	P	P	03 06 06.1 0.0
TXAR	Lajitas Array	comp=Z,2.2nm,0.8s,slow=8.4,SNR=6.0	59.10 326	P	P	03 06 07.1 +0.7
TXAR	Lajitas Array	baz=170	59.10 326	P	P	03 06 05.7 -0.7
R58A	Rapidan	baz=172	59.11 353	P	P	03 06 06.6 +0.5
MIAR	Mount Ida	baz=155	59.15 338	P	P	03 06 06.9 +0.4
R57A	Stanardsville	baz=171	59.17 353	P	P	03 06 07.4 +0.8
T49A	Edmonton	baz=164,SNR=6.7	59.21 346	P	P	03 06 06.2 -0.7
R55A	Marlinton	baz=170	59.36 351	P	P	03 06 08.7 +0.7
R54A	Victor	baz=169	59.39 350	P	P	03 06 08.5 +0.3
T47A	Sharon Grove	baz=174	59.47 345	P	P	03 06 07.7 -1.0
S50A	Richmond	comp=Z,35nm,1.0s	59.52 347	P	P	03 06 08.9 -0.1
Q58A	Fox Den Farm,	baz=165	59.71 354	P	P	03 06 11.2 +0.9
W39A	Magazine	baz=155	59.81 338	P	P	03 06 11.7 +0.6
S49A	Springfield	baz=164	59.81 347	P	P	03 06 10.1 -0.9
ABTX	Abilene, Hawle	baz=171	59.88 332	P	P	03 06 11.5 -0.1
Q57A	Strasburg	baz=148	59.88 353	P	P	03 06 12.6 +1.1
R51A	Hillsboro	baz=166	59.96 348	P	P	03 06 11.8 -0.2
Q56A	Snyder Ridge,	baz=171	59.98 352	P	P	03 06 13.0 +0.8
Q56A	Snyder Ridge,	comp=Z,35nm,0.8s	59.98 352	IAmb	IAmb	03 06 13.9
Q55A	Buckhannon	baz=170	60.06 351	P	P	03 06 13.7 +0.9
Q54A	Coxs Mills	baz=169	60.16 351	P	P	03 06 13.3 0.0
P58A	Pank, Wackersv	baz=173	60.22 354	P	P	03 06 14.5 +0.7
P59A	Jarrettsville	baz=174	60.26 355	P	P	03 06 14.7 +0.7
P60A	Greenville	baz=175	60.39 356	P	P	03 06 15.3 +0.4
P56A	Dayton Farm, R	baz=171	60.40 353	P	P	03 06 15.5 +0.5
WCI	Wyandotte Cave	baz=163	60.46 346	P	P	03 06 14.8 -0.7
P55A	Reedsville	baz=170	60.53 352	P	P	03 06 16.4 +0.5
U40A	Yellville	baz=156	60.54 339	P	P	03 06 15.9 -0.2
Q50A	Georgetown	baz=166	60.56 348	P	P	03 06 15.4 -0.7
Q51A	Peebles	baz=166	60.62 349	P	P	03 06 16.5 -0.1
MCWV	Mont Chateau	baz=170	60.68 352	P	P	03 06 17.5 +0.6
P54A	Burton	baz=169	60.71 351	P	P	03 06 17.3 +0.3
P53A	Whipple	baz=168	60.73 350	P	P	03 06 17.5 0.0
Q49A	Aurora	baz=165	60.90 347	P	P	03 06 17.8 -0.6
O57A	Ambersson	baz=172	60.96 354	P	P	03 06 19.8 +0.9
O56A	Blue Knob Stat	baz=172	61.12 353	P	P	03 06 21.2 +1.2
O55A	Ligonier	baz=171	61.15 352	P	P	03 06 20.7 +0.5
TUL1	Leonard	baz=153	61.17 337	P	P	03 06 20.4 0.0
N61A	South Mountain	baz=176	61.25 357	P	P	03 06 21.5 +0.7
O54A	Avella	baz=170	61.27 351	P	P	03 06 21.2 +0.3
P50A	Jamesstown	baz=166	61.27 348	P	P	03 06 20.4 -0.5
VNA3	Neumayer Olymp	baz=158	61.32 361	P	P	03 06 21.6 +0.6
P49A	Miami Univ. Ec	baz=165	61.37 348	P	P	03 06 20.9 -0.7
N62A	Caumsett State	baz=170	61.39 358	P	P	03 06 21.7 +0.1
N60A	Cedar Hill Far	baz=175	61.41 356	P	P	03 06 22.4 +0.5
SSPA	Standing Stone	baz=172	61.41 354	P	P	03 06 22.5 +0.6
O52A	Adamsville	baz=164	61.42 350	P	P	03 06 21.5 -0.5
P48A	Milroy	baz=176	61.45 347	P	P	03 06 20.9 -1.2
PAL	Pallsades	baz=176	61.48 357	P	P	03 06 22.8 +0.5
N57A	Milroy	baz=173	61.50 354	P	P	03 06 23.0 +0.6
N58A	Sunbury	baz=174	61.50 355	P	P	03 06 23.1 +0.6
N59A	State Game Lan	baz=174	61.50 356	P	P	03 06 23.2 +0.7
VNA1	Neumayer-Stat	CCM	61.55 160	P	P	03 06 24.1 +1.6
CCM	Cathedral Cave	baz=158	61.60 342	P	P	03 06 22.5 -0.7
N55A	Marion Center	baz=171,SNR=6.4	61.68 353	P	P	03 06 24.0 +0.3
ACSO	Alum Creek Sta	baz=167	61.72 349	P	P	03 06 23.7 -0.3
N56A	West Decatur	baz=172	61.73 353	P	P	03 06 24.4 +0.3
M63A	Gales Ferry	baz=178	61.81 359	P	P	03 06 25.1 +0.5
M60A	Port Jervis	baz=176	61.84 357	P	P	03 06 25.1 +0.4
MNTX	Cornudas Mount	baz=143	61.88 327	P	P	03 06 25.1 -0.1
M62A	Hamden	baz=178	61.88 358	P	P	03 06 25.7 +0.8
VNA2	Neumayer-Watz	M64A	61.91 161	P	P	03 06 23.3 -1.7
M64A	Tiverton	baz=179	61.95 359	P	P	03 06 25.9 +0.4
N54A	Moraine State	baz=170	61.98 352	P	P	03 06 26.2 +0.4
M58A	Price's Panora	baz=174	62.01 355	P	P	03 06 26.5 +0.6
M59A	Waymart	baz=175	62.10 356	P	P	03 06 27.7 +1.1
L63A	North Scituate	baz=179,SNR=9.6	62.27 359	P	P	03 06 28.0 +0.4
N50A	Nevada	baz=167	62.28 349	P	P	03 06 27.4 -0.3
M56A	Emporium	baz=172	62.28 354	P	P	03 06 28.3 +0.6
N51A	Ashland	baz=168	62.29 350	P	P	03 06 27.4 -0.4
M55A	Ridgway	baz=171	62.33 353	P	P	03 06 28.4 +0.3
L64A	Middleborough	baz=180	62.33 360	P	P	03 06 28.3 +0.3
MSTX	Muleshoe	baz=166	62.43 330	P	P	03 06 28.8 -0.2
M54A	Oil Creek Stat	baz=170	62.48 352	P	P	03 06 29.4 +0.3
M53A	Wl Miller and	baz=170	62.54 351	P	P	03 06 29.4 -0.1
N49A	Columbus Grove	baz=166,SNR=6.4	62.61 348	P	P	03 06 29.0 -0.5
L58A	Harry Jones Me	baz=174	62.63 356	P	P	03 06 30.4 +0.4
M51A	Elyria	baz=168	62.66 350	P	P	03 06 29.8 -0.5
SFIN	Lafayette	baz=163	62.70 346	P	P	03 06 29.1 -1.4
N48A	Decatur	baz=165	62.71 348	P	P	03 06 29.8 -0.8
L59A	Walton	baz=175,SNR=5.4	62.72 356	P	P	03 06 31.0 +0.3
M52A	Chesterland	baz=169	62.74 351	P	P	03 06 30.3 -0.5
M50A	Fremont	baz=167	62.87 349	P	P	03 06 31.2 -0.5
L61B	Northampton	baz=178	62.88 358	P	P	03 06 32.1 +0.4
HRV	Adam Dzewonsk	baz=179	62.91 359	P	P	03 06 32.6 +0.7
HRV	Adam Dzewonsk	L53A	62.91 352	P	P	03 06 31.2 -0.7
L53A	Girard	baz=170	62.99 352	P	P	03 06 33.0 +0.6
L55A	Hinsdale	baz=172	63.00 353	P	P	03 06 33.2 +0.7
K62A	Royalston	baz=175	63.08 359	P	P	03 06 33.8 +0.7
K60A	Five Rivers En	baz=176	63.09 357	P	P	03 06 33.7 +0.7
K63A	Dunstable	baz=175	63.09 359	P	P	03 06 33.6 +0.5
M49A	Liberty Center	baz=166	63.11 349	P	P	03 06 32.7 -0.5
K61A	Williamstown	baz=177	63.11 358	P	P	03 06 32.9 +0.6
ERPA	Erie	baz=170	63.12 352	P	P	03 06 33.5 +0.2
L54A	Sinclairville	baz=171,SNR=6.9	63.15 353	P	P	03 06 34.0 +0.5
M48A	Edgerton	baz=165	63.26 348	P	P	03 06 34.0 -0.3
K59A	Cooperstown	baz=176	63.29 356	P	P	03 06 34.9 +0.5
K58A	Earlville	baz=175	63.33 356	P	P	03 06 34.7 0.0
K54A	Basiliko Farm,	baz=172,SNR=5.8	63.45 353	P	P	03 06 36.0 +0.5
K55A	Perry	baz=172	63.50 354	P	P	03 06 36.4 +0.6
SNA4	Sanae	comp=Z,30nm,1.0s,slow=9.3,SNR=22	63.53 161	P	P	03 06 36.4 +0.5
SNA4	Sanae	baz=171	63.53 161	P	P	03 06 36.0 +0.2
SNA4	Sanae	comp=Z,19nm,0.9s	63.53 161	IAmb	IAmb	03 06 35.2 -0.6
J62A	Henniker	baz=179	63.63 359	P	P	03 06 38.9 0.0

Table with columns: SHOC, EDW2, RSSD, LRMC, SCZ2, TPNV, FURC, MPMC, ISA, DUG, AGMN, R11A, PKM, WCS, CVC, BW06, PDAR, SMMC, MDND, MLAC, NVAR, NVAR, ULM, RLMT, LAO, DGMT, SCHO, SCHO, PAHR, ORV, EGMT, O03E, VNDA, O02D, SYO, N02D, M04C, M02C, J05D, J04D, L02E, I05D, I02D, I04A, G05D, J01E, N03D, NEW, NEW, C09A, H04D, H05D, I02D, COR, COR, F04A, E04D, MORF, E03A, E03A, PBDV, PNCL, B06A, PCVE, B05A, D03D, PBEJ, P04D, A04D, LLLB, PCBR, PVS, MTE, PVRL, PCAB, MVO, BOSA, BOSA, BOSA, MAW, MAW, PBRG, LBTB, YKA, MATP, DLBC, DLBC, DLBC.

Table with columns: CLL, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, TIXI, ARU, SEY, ASAR, AKTO, PETK, GEYT, WSAR, BVAR, KURBB, ZALV, ZALV, KSH, KSH, MK31, MKAR, MKAR, KLR, FAKI, TLY, PALK, SIJI, USA0B, USRK, USRK, USRK, MJAR, MJAR, HYB, WMQ, MDJ, KAPI, KAPI, KAPI, SONM, SONM, DANM, GKN, DMN, KSRs, KSRs, PKIN, PKI, GUN, JIRN, RAMN, ODAN, TAPN, GTA, HHC, BJL, LZH, LZH, NJZ, CD2, IDC 03 02:59:49.5, NEIC 03 02:59:53.6, GUC 03 02:59:54.0, IDC 03 02:59:52.3, Chile, Code, Station Name, Az, AZ, Phase ID, Time Res, Code, Station Name, Az, AZ, Phase ID, Time Res.

Table with columns: PB12, PB12, PB16, LVC, LVC, LVC, LPAZ, LPAZ, LPAZ, S39A, S39A, BRYW, M55A, M55A, SNA, G62A, PKME, PKME, F64A, LMN, D62A, D62A, BATG, QSPA, DRLN, DRLN, PDAR, YNR, YNR, SYO, SYO, YKA, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, KURBB, ZALV, ZALV, MKAR, MKAR, USRK, USRK, MJAR, MJAR, SONM, SONM, IDC 03 03:11:14, MOS 03 03:11:16, BJL 03 03:11:16, GUC 03 03:11:19, VAO 03 03:11:21, NEIC 03 03:11:31, MOS 03 03:11:16, BJL 03 03:11:16, GUC 03 03:11:19, VAO 03 03:11:21, NEIC 03 03:11:31, Code, Station Name, Az, AZ, Phase ID, Time Res, Code, Station Name, Az, AZ, Phase ID, Time Res.

3d 3h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PB10, PB14, GO02, etc.

2014 APR

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 346A, Y60A, Y59A, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like V48A, X43A, TZTN, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like LMN Caledonia Moun, GLMI Graying, H45A Beulah, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pinyon Flats O, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PCAB MVO, MVO BOSA, BOSA Boshof, etc.

Table with columns: TLY, comp-Z, 7.5m, 1.5s, pmax, pmax, TLY, comp-Z, 7.5m, 1.5s, pmax, pmax, TLY, comp-Z, 7.5m, 1.5s, pmax, pmax, etc.

IDC 03:03:11.31.0.0.7.20.47S:70.35W, h0km, mb4.9/12, mb1 5.1/12, mb1mx4.8/31, mb1tmp4.9/12, Error ellipse: s-maj=35.1km s-min=18.7km az=62.0

ISC 03:03:11.35.5.0.4.20.53S:0.05:70.53W, h35km, #77, #19404.11, mb4.9/12, 1C, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, PSGCX Pisagua, IPOC Station P, etc.

Table with columns: MKAR Makanchi Array, USSA08 USSariysk Arra, USSRK USSariysk Ar., USURK USSariysk Ar., MJAR Matsushiro Arr, SONMI Songoing Array, etc.

NEIC 03:03:20.43.6.1.8.20.69S:0.02:70.90W, 0.07, h10km, 1km, mb4.7/17, ML4.1(GUC), Error ellipse: s-maj=10.4km s-min=3.7km az=264.0

GUC 03:03:20.43.6.0.6.20.20S:70.56W, h16km, 5km, ML4.2, IDC 03:03:20.44.0.0.7.20.54S:70.89W, h0km, mb4.5/11, mb1 4.6/13, mb1mx4.3/35, mb1tmp4.5/13, ML4.6/2, Error ellipse: s-maj=22.6km s-min=15.8km az=77.0

ISC 03:03:20.43.2.2.3.21.52S:0.03:70.81W, 0.05, h2km, 14km, #91, #2616/94, mb4.7/16, 5C-33, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, TA01 Diego Aracena, IPOC Station P, etc.

IDC 03:03:28.50.3.1.3.20.67S:0.02:70.53W, 0.03, h10km, 1km, mb4.3/2, Error ellipse: s-maj=4.5km s-min=3.9km az=62.0, Near coast of northern Chile

ISC 03:03:28.50.3.1.3.20.67S:0.02:70.53W, 0.03, h10km, 1km, mb4.3/2, Error ellipse: s-maj=4.5km s-min=3.9km az=62.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, PSGCX Pisagua, IPOC Station P, etc.

Table with columns: SYO Syowa Base, BOSA Boshof, YKA Yellowknife Ar., H11S2 WAKE ISLAND Hyt26.02 278 T, H11S1 WAKE ISLAND Hyt26.02 278 T, etc.

NEIC 03:03:28.50.3.1.3.20.67S:0.02:70.53W, 0.03, h10km, 1km, mb4.3/2, Error ellipse: s-maj=4.5km s-min=3.9km az=62.0, Near coast of northern Chile

ISC 03:03:28.50.3.1.3.20.67S:0.02:70.53W, 0.03, h10km, 1km, mb4.3/2, Error ellipse: s-maj=4.5km s-min=3.9km az=62.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, PSGCX Pisagua, IPOC Station P, etc.

IDC 03:03:38.00.8.1.5.20.15S:70.84W, h0km, mb3.7/3, mb1 4.0/5, mb1mx3.7/29, mb1tmp3.9/5, ML1.1/2, Error ellipse: s-maj=36.9km s-min=26.6km az=58.0

NEIC 03:03:38.01.2.1.7.20.25S:0.02:70.73W, 0.05, h10km, 1km, mb3.9/4, Error ellipse: s-maj=9.9km s-min=3.0km az=272.0

ISC 03:03:37.59.7.2.0.20.24S:0.03:70.77W, 0.08, h0km, 12km, #4, #1918/38, mb3.8/4, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, PSGCX Pisagua, IPOC Station P, etc.

PB01	IPOC Station P	1.09 106	Pn	03 40 51.1 +0.7
PB01	IPOC Station P	1.09 106	Sg	03 41 05.1 0.0
PB07	IPOC Station P	1.19 146 eP	P	03 40 52.5 -0.2
PB07	IPOC Station P	1.19 146 Pn	Pg	03 41 07.7 -0.5
PB07	IPOC Station P	1.19 146 Sg	Pg	03 40 52.4 -0.3
PSGC	Pisagua	1.23 22 eP	Pn	03 41 06.6 -0.3
PSGC	Pisagua	1.23 22 eP	Pg	03 40 53.3 -0.2
PSGCX	Pisagua	1.23 22 Pn	Pg	03 41 09.3 +0.6
PSGCX	Pisagua	1.23 22 Pn	Pg	03 40 53.3 -0.2
PSGCX	Pisagua	1.23 22 Sg	Pg	03 41 09.2 -0.4
PB11	IPOC Station P	1.33 43 I/P	Pn	03 40 55.1 -0.2
PB11	IPOC Station P	1.33 43 I/P	Sg	03 41 12.9 -0.1
PB11	IPOC Station P	1.33 43 Pn	Pg	03 40 55.2 -0.2
PB11	IPOC Station P	1.33 43 Pn	Sb	03 41 10.5 -0.7
PB09	IPOC Station P	1.49 66 eP	Pn	03 41 07.8 +0.1
PB08	IPOC Station P	1.49 66 eP	Sg	03 41 18.2 +0.3
PB08	IPOC Station P	1.49 66 Pn	IAML	03 41 21.9
PB03	IPOC Station P	1.52 149 I/P	Pb	03 40 57.2 -0.5
PB04	IPOC Station P	1.64 165 I/P	Pn	03 40 58.2 +0.1
PB04	IPOC Station P	1.64 165 Pn	Pn	03 40 58.0 0.0
PB04	IPOC Station P	1.64 165 Pn	Sn	03 41 18.6 -0.4
PB09	IPOC Station P	1.65 130 eP	Pg	03 41 00.6 -0.9
PB09	IPOC Station P	1.65 130 eP	Sg	03 41 22.2 -0.7
PB09	IPOC Station P	1.65 130 Pn	Pg	03 41 00.3 +1.2
GO01	Chusmiza	1.71 51 eP	Pb	03 41 18.0 -1.2
GO01	Chusmiza	1.71 51 eP	Pb	03 41 01.2 +0.1
GO01	Chusmiza	1.71 51 Pn	Sb	03 41 24.2 +1.7
MMMC	Minye Minye	1.87 31 I/P	Pb	03 41 00.2 +0.8
MMMC	Minye Minye	1.87 31 I/P	Pb	03 41 07.8 +0.1
MMMC	Minye Minye	1.87 31 Sg	Pg	03 41 28.7 -1.3
MMMC	Minye Minye	1.87 31 Sg	Pg	03 41 03.5 -0.2
PB12	IPOC Station P	2.14 7 I/P	Pb	03 41 07.7 -0.5
PB12	IPOC Station P	2.14 7 Pn	Sb	03 41 35.8 +1.3
AP01	Chacalluta	2.38 6 eP	Pn	03 41 04.8 -0.1
AP01	Chacalluta	2.38 6 eP	Sb	03 41 10.3 +1.3
AP01	Chacalluta	2.38 6 Pn	IAML	03 41 40.3 -1.0
AP01	Chacalluta	2.38 6 Pn	IAML	03 41 54.7
LVC	Limon Verde	2.44 140 Pn	Pb	03 41 12.0 -1.5
LVC	Limon Verde	2.44 140 Pn	Pb	03 41 43.8 +0.5
LVC	Limon Verde	2.44 140 Pn	Pn	03 41 09.8 +0.6
LVC	Limon Verde	2.44 140 Pn	Pb	03 41 11.8 -1.6
LPZAZ	La Paz	5.02 28 Pn	Pb	03 41 52.0 -5.7
SIV	San Ignacio	10.21 64 Pn	Pn	03 42 57.5 +1.7
SIV	San Ignacio	10.21 64 Pn	Pn	03 44 46.8 -3.3
NNA	Nana	10.56 325 Pn	Pn	03 43 02.4 +1.7
NNA	Nana	10.56 325 Pn	Sn	03 44 51.3 -7.4
NNA	Nana	10.56 325 Pn	Pn	03 42 60.0 -0.7
CPUP	Villa Florida	13.38 117 Pn	Pn	03 43 38.1 -1.0
CPUP	Villa Florida	13.38 117 Pn	Pn	03 43 38.6 -0.5
SALV	Santo Antonio	14.32 77 eP	Pn	03 44 01.5 +0.8
TRCB	Terra Rica	16.82 100 eP	Pn	03 44 25.2 +0.4
CLDB	Colider	17.29 58 eP	Pn	03 44 29.9 -0.8
PCMB	Pacaembu	18.07 96 eP	Pn	03 44 40.2 -0.1
ITAB	Concordia	18.07 115 eP	Pn	03 44 39.6 -0.6
ARAC	Araguaiana, MT	23.62 340 eP	Pn	03 44 45.0 -0.3
GO06	Curarehue	18.79 182 P	P	03 44 47.8 -0.8
PLCA	Paso Flores	19.92 180 P	P	03 45 00.6 -0.4
RCLB	Rio Claro- Sao	21.52 99 eP	P	03 45 17.8 -0.6
SPB	Sao Paulo	21.64 102 P	P	03 45 19.6 0.0
SPB	Sao Paulo	21.64 102 P	IAMB	03 45 31.0
SPB	Sao Paulo	21.64 102 eP	P	03 45 21.1 +1.5
BDFB	Brasilia	22.05 80 P	P	03 45 22.1 -2.0
BDFB	Brasilia	22.05 80 P	P	03 45 22.5 -1.6
BDFB	Brasilia	22.05 80 P	IAMB	03 45 30.2
VAO	Vaiinhos	22.05 100 eP	P	03 45 21.7 -2.4
PTGA	Pitinga	22.45 29 P	P	03 45 27.1 -1.1
PTGA	Pitinga	22.45 29 P	P	03 45 28.3 +0.1
PTGA	Pitinga	22.45 29 P	IAMB	03 45 30.3
PTGA	Pitinga	22.45 29 eP	P	03 45 27.7 -0.6
FLC	Florencia	22.73 347 eP	P	03 45 37.4 +2.2
GCUF	Volcan Galeras	22.81 342 eP	P	03 45 37.0 +4.4
CRUC	La Cruz	23.03 344 eP	P	03 45 39.4 +4.7
GARC	Garzon, Huila	23.29 348 eP	P	03 45 37.8 +0.5
PARB	Paraibuna	23.30 101 eP	P	03 45 36.0 -1.2
SOTA	Rioblanco	23.39 345 eP	P	03 45 42.6 +3.1
PCON	Cinco Dias	23.62 345 eP	P	03 45 43.3 +1.6
BETC	Betania	23.75 348 eP	P	03 45 43.3 +1.6
BSCB	Bom Sucesso	24.14 95 eP	P	03 45 44.4 -0.9
PRAC	Prado	24.67 350 eP	P	03 45 51.5 +1.4
PTGC	Puerto Gaitan,	24.84 356 eP	P	03 45 51.7 +0.2
ORTO	Ortega, Tolima	24.92 353 eP	P	03 45 53.7 +1.3
SMTE	Santa Maria do	25.16 65 eP	P	03 45 44.3 -0.2
CHIC	Chingaza	25.40 353 eP	P	03 45 57.8 +0.6
ANIL	Santa Ana	25.52 349 eP	P	03 45 58.7 +0.6
JANB	Januarja	25.64 82 eP	P	03 45 58.3 -0.7
ROSC	El Rosal	25.69 351 eP	P	03 46 02.1 +2.4
ROSC	El Rosal	25.69 351 eP	P	03 45 59.3 -0.4
ROSC	El Rosal	25.69 351 eP	IAMB	03 46 14.3
RREF	El Recreo	25.91 349 eP	P	03 46 04.8 +2.8
PLMC	San Jos del P	26.09 347 eP	P	03 46 03.4 +0.4
GUYCZ	Guayana, Caldas	26.23 349 eP	P	03 46 06.5 +1.8
SPBC	San Pablo de B	26.45 352 eP	P	03 46 06.9 +0.6
NORC	Norcasia	26.48 350 eP	P	03 46 06.9 +0.4
RUSC	La Rusia	26.58 354 eP	P	03 46 08.8 +0.9
CBOC	Ciudad Bolivar	26.97 348 eP	P	03 46 11.8 +0.7
TAMC	Tame, Arauca	27.02 357 eP	P	03 46 12.0 +0.5
HELX	Santa Helena	27.20 349 eP	P	03 46 13.8 +0.4
PTBC	PUERTO BERRIO,	27.38 352 eP	P	03 46 13.0 -1.5
BSFB	Barra de Sao F	28.05 91 eP	P	03 46 20.8 +0.2
SDV	Santo Domingo	29.45 360 eP	P	03 46 32.5 -1.7
SDV	Santo Domingo	29.45 360 eP	P	03 46 32.9 -0.3
SDV	Santo Domingo	29.45 360 eP	IAMB	03 46 33.5
SDV	Santo Domingo	29.45 360 eP	P	03 46 32.4 -0.7
SMLC	San Martin de	29.56 353 eP	P	03 46 31.5 -2.5
SJCC	San Jacinto, C	30.78 351 eP	P	03 46 43.2 -1.6
MDP	Montagnes des	31.16 36 P	P	03 46 48.3 +0.2
PLCV	Puerto La Cruz	31.28 11 P	P	03 46 49.6 +0.4
PCRV	Puerto La Cruz	31.29 11 P	P	03 46 49.6 +0.4
USHA	Ushuaia	34.07 178 P	P	03 47 14.7 +1.5
RCBR	Riachuelo	36.77 71 P	P	03 47 37.2 +0.2
RCBR	Riachuelo	36.77 71 P	P	03 47 37.4 +0.4
RCBR	Riachuelo	36.77 71 P	P	03 47 37.0 0.0
CRPR	Cabo Rojo, RP	38.65 5 P	P	03 47 52.3 -0.5
CDPR	Patillas Dam,	38.47 7 P	P	03 47 52.6 -1.4
SJG	San Juan	38.86 7 P	P	03 47 52.9 -1.6
SJG	San Juan	38.86 7 P	P	03 47 52.8 -1.7
HUMP	Col San Antoni	38.93 7 IAMB	IAMB	03 47 56.8
PMSA	Palmer Station	44.22 176 P	P	03 48 39.7 +1.8
TEIG	Tepeich	44.24 336 P	P	03 48 39.6 +1.1
TEIG	Tepeich	44.24 336 P	P	03 48 38.5 -0.1
TEIG	Tepeich	44.24 336 P	IAMB	03 48 43.4
DWPF	Disney Wildern	49.69 347 P	P	03 49 22.2 +1.2
352A	Blakely	53.71 345 P	P	03 49 50.6 -0.4
352A	Blakely	53.71 345 P	IAMB	03 50 01.6
Z57A	Bowman	54.60 350 P	P	03 49 58.2 +0.7
Y60A	Bolivia	54.93 352 P	P	03 50 00.8 +1.0
Y55A	Saluda	55.43 349 P	P	03 50 04.0 +0.6

X60A	Albert Glenn T	55.46 353 P	P	03 50 04.4 +0.7
Z50A	Ashland	55.65 344 P	P	03 50 05.1 0.0
Z50A	Ashland	55.65 344 IAMB	IAMB	03 50 16.3
LRAL	Lakeview Retre	55.72 343 P	P	03 50 05.9 +0.2
X56A	White Oak	55.82 350 P	P	03 50 06.3 0.0
BIRD	Birdtown, Kers	55.88 350 P	IAMB	03 50 06.6 -0.1
BIRD	Birdtown, Kers	55.88 350 P	IAMB	03 50 08.0
W60A	Pink Hill	55.90 353 P	P	03 50 07.7 +0.9
X55A	Graceynl & Ava	55.90 349 P	P	03 50 07.4 +0.5
W58A	Raeford	56.06 351 P	P	03 50 08.4 +0.4
X54A	Belton	56.12 348 P	P	03 50 08.7 +0.4
X53A	Estanabee	56.26 347 P	P	03 50 09.0 -0.4
W56A	Indian Trail	56.38 350 P	P	03 50 10.4 +0.2
KMCS	Kings Mountain	56.51 349 P	P	03 50 11.1 -0.1
W54A	Cherokee Point	56.60 349 P	P	03 50 12.3 +0.5
X51A	Calhoun	56.65 346 P	P	03 50 12.3 +0.1
V59A	Middlesex	56.67 353 P	P	03 50 13.1 +0.8
V57A	Windy Hill, Pi	56.81 352 P	P	03 50 13.7 +0.4
V58A	Coltrane Farms	56.99 351 P	P	03 50 15.4 +0.8
V56A	Mocksville	57.02 350 P	P	03 50 15.3 +0.5
U61A	Windsor Corner	57.04 354 P	P	03 50 14.9 0.0
X48A	Hartselle	57.08 344 IAMB	IAMB	03 50 24.6
V55A	Taylorsville	57.18 350 P	P	03 50 16.2 +0.3
V55A	Taylorsville	57.18 350 P	IAMB	03 50 15.3 -0.7
V55A	Taylorsville	57.18 350 P	IAMB	03 50 17.5
U59A	Littleton	57.19 353 P	P	03 50 16.4 +0.4
V54A	Nebo	57.23 349 P	P	03 50 16.9 +0.6
V53A	Saluda	57.29 348 P	IAMB	03 50 16.3 -0.5
V53A	Saluda	57.29 348 P	IAMB	03 50 28.3
U58A	Oxford	57.32 352 P	P	03 50 17.5 +0.6
W50A	Signal Mountai	57.36 346 IAMB	IAMB	03 50 17.5
U57A	Blanch	57.46 352 P	P	03 50 18.3 +0.3
TKL	Tuckaleechee C	57.47 347 IAMB	IAMB	03 50 18.5
SWL	Sweetwater, 1.1	57.52 345 IAMB	IAMB	03 50 22.0
U56A	King	57.53 351 P	P	03 50 18.6 +0.2
U56A	King	57.53 351 IAMB	IAMB	03 50 20.3
V52A	Sevierville	57.61 348 P	IAMB	03 50 18.9 -0.1
V52A	Sevierville	57.61 348 P	IAMB	03 50 28.5
T59A	Double "B" Far	57.78 353 P	P	03 50 20.6 +0.5
U55A	TX2, Sparta	57.79 350 P	P	03 50 20.6 +0.3
OXF	Oxford	57.79 342 P	P	03 50 20.3 0.0
PLAL	Pickwick Lake	57.85 343 IAMB	IAMB	03 50 31.4
T60A	Sunny	57.86 354 P	P	03 50 21.0 +0.3
T58A	Grand View Acr	57.87 353 P	P	03 50 21.3 +0.6
U54A	Nelsons Funny	57.94 349 P	P	03 50 21.4 +0.1
T57A	Hurt	58.01 352 P	P	03 50 22.2 +0.4
V48A	Smith Brothers	58.24 345 IAMB	IAMB	03 50 23.5
TZTN	Tazewell	58.28 348 P	P	03 50 23.6 -0.1
T55A	Pulaski	58.35 350 P	P	03 50 24.3 +0.1
BLA	Blacksburg	58.38 351 P	P	03 50 24.6 +0.1
T54A	Tazewell	58.42 350 P	P	03 50 25.2 +0.4
CLTN	Ceasars of Leba	58.45 345 IAMB	IAMB	03 50 25.0
S58A	Poland Farm, P	58.47 353 P	P	03 50 25.4 +0.5
T53A	Wise	58.51 349 P	P	03 50 25.4 +0.1
S57A	Dark Hollow, R	58.52 352 P	P	03 50 27.5 +0.8
U49A	Red Boiling Sp	58.73 346 IAMB	IAMB	03 50 37.2
T51A	Gray	58.77 348 P	P	03 50 27.2 +0.1
R58B	Mineral	58.80 353 P	P	03 50 28.0 +0.8
R58B	Mineral	58.80 353 IAMB	IAMB	03 50 28.6
WVT	Waverly	58.87 344 P	P	03 50 27.1 -0.7
WVT	Waverly	58.87 344 P	IAMB	03 50 38.5
S55A	Lewisburg	58.95 351 P	P	03 50 28.6 +0.2
T50A	Navy	59.00 347 P	P	03 50 28.5 -0.2
TXAR	Lajitas Array	59.12 326 P	P	03 50 30.2 +0.4
TXAR	Lajitas A Array	59.12 326 P	P	03 50 29.1 -0.7
R58A	Rapidan	59.14 353 P	P	03 50 29.8 +0.1
MIAR	Mount Ida	59.17 338 P	P	03 50 30.2 +0.3
MIAR	Mount Ida	59.17 338 P	IAMB	03 50 29.6 -0.3
MIAR	Mount Ida	59.17 338 P	IAMB	03 50 42.0
R57A	Standardsville	59.20 353 P	P	03 50 30.4 +0.3
T49A	Edmonton	59.24 346 P	P	03 50 29.9 -0.5
R55A	Marlington	59.39 351 P	P	03 50 32.0 +0.6
R56A	Bull Pasture M	59.42 352 P	P	03 50 32.2 +0.6
R54A	Victor	59.42 351 P	P	03 50 31.9 +0.3
S50A	Richmond	59.55 347 P	P	03 50 32.5 0.0
Q58A	Fox Den Farm,	59.74 354 P	P	03 50 34.6 +0.8
W39A	Magazine	59.83 338 P	P	03 50 34.9 +0.5
W39A	Magazine	59.83 338 IAMB	IAMB	03 50 46.6
Q57A	Strasburg	59.91		

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Otisfield, Carthage, Lisbon, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like LSA Array, LSA Array, DGMT Dagmar, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

ICD 03:03:45:09.01.3.20:63S:70:69W,h0km,mb4.5/8, mb1.4/6.21,mb1mx4.5/33,mbtmp4.6/21,ML4.3/3, Error ellipse: s-maj=19.7km s-min=14.4km az=59.0 NEIC 03:03:45:09.21.9.20:79S:03:70:72W,0.0/h,10km,1km, mb4.6/13, Error ellipse: s-maj=12.1km s-min=5.1km az=263.0 VAO 03:03:45:20.8.1.8.20:77S:70:41W,h97km,12km,mb4.5 ISC 03:03:45:11.8.1.7.20:78S:03:70:62W,0.07,h24km,11km, n82,e192/91,mb4.6/11,Near coast of northern Chile

AP01		iS	Sg	03 46 44.7 +0.1
AP01		IAML		03 46 48.2
PB02	IPOC Station P	1.64 149 eP	Pn	03 46 22.2 +0.6
PB01	IPOC Station P	1.68 132 iS	Pb	03 46 43.3 -0.5
PB01		iS	Sb	03 46 45.2 +0.4
PB01		IAML		03 46 52.6
PB01	comp=E,25um,0.5s			
PB01	IPOC Station P	1.68 132 Pn	Pn	03 46 21.6 -0.6
PB01		Sn	Pn	03 46 40.8 -2.7
PB16	IPOC Station P	2.00 38 iP	Pb	03 46 30.3 +0.7
PB16		iS	Sg	03 46 58.0 +0.5
PB16		IAML		03 47 06.0
PB16	comp=N,9um,0.6s			
PB16	IPOC Station P	2.00 38 Pn	Pn	03 46 25.5 -1.4
PB07	IPOC Station P	2.00 155 iP	Pg	03 46 31.3 -0.4
PB07		IAML		03 47 02.9
PB07	comp=E,23um,0.6s			
PB07	IPOC Station P	2.00 155 Pn	Pn	03 46 25.7 -1.0
PB09	IPOC Station P	2.38 142 eP	Pb	03 46 34.9 -0.2
PB09		iS	Sb	03 47 03.6 -1.6
PB09	IPOC Station P	2.38 142 Pn	Pn	03 46 31.0 -0.9
LVC	Limón Verde	3.22 147 Pn	Pn	03 46 46.1 +2.5
LVC	comp=E,157nm,0.3s,baz=2.1,slow=1.1,SNR=3.1		Sn	03 47 23.6 +1.7
LVC	comp=E,172nm,0.3s,baz=309,slow=23,SNR=1.4		Pn	03 46 43.7 +0.1
LVC	Limón Verde	3.22 147 Pn	Pn	03 47 21.3 -0.6
LVC		Sb	Pb	03 47 08.0 -2.8
LPZA	La Paz	4.42 36 Pn	Pn	03 47 08.0 -2.8
LPZA	comp=E,7.3nm,0.3s,baz=197,slow=11,SNR=4.2		Sb	
LPZA	La Paz	4.42 36 Pn	Pn	03 47 00.4 +0.1
NNA	Nana	9.78 323 Pn	Pn	03 48 13.4 0.0
NNA	comp=E,1.7nm,0.3s,baz=162,slow=6.4,SNR=2.5		Sn	03 49 58.1 -5.0
NNA	comp=E,2.6nm,0.3s,baz=264,slow=16,SNR=1.4		Pn	03 48 13.9 +0.5
NNA	Nana	9.78 323 Pn	Pn	03 48 19.5 +2.3
SIV	San Ignacio	10.06 69 Pn	Pn	03 50 11.4 +1.5
SIV	comp=E,5.1nm,0.3s,baz=261,slow=14,SNR=5.5		Sn	03 50 11.4 +1.5
CPUP	Villa Florida	13.95 120 Pn	Pn	03 49 10.9 +0.5
CPUP	comp=E,0.2nm,0.3s,baz=130,slow=16,SNR=1.7		Pn	
CPUP	Villa Florida	13.95 120 Pn	Pn	03 49 08.4 -2.0
CL06	Curarete	19.02 182 P	P	03 50 11.4 +0.3
PLCA	Paso Flores	20.76 179 P	P	03 50 33.3 -0.2
PTGA	Pitinga	21.82 30 P	P	03 50 43.7 -1.4
PTGA	comp=E,2.1nm,0.4s,baz=336,slow=22,SNR=12		P	
PTGA	Pitinga	21.82 30 P	P	03 50 43.4 -1.6
PTGA	comp=Z,29nm,0.5s		IAMB	03 50 47.3
BDFB	Brasilia	22.12 83 P	P	03 50 46.4 -2.1
BDFB	comp=Z,5.2nm,0.6s,baz=248,slow=8.6,SNR=3.1		P	03 50 46.2 -2.2
BDFB	Brasilia	22.12 83 P	P	03 50 54.6
BDFB	comp=Z,26nm,0.9s		IAMB	
SOTA	Rioblanco	22.64 345 eP	P	03 50 56.0 +1.7
ORTC	Ortega, Tolima	24.07 349 eS	P	03 51 09.5 +1.3
YDTC	Yotoco, Valle	24.36 347 eP	P	03 51 09.9 -1.0
GU24s	Guyana, Caldas	25.38 349 eS	P	03 51 22.9 +2.3
SOTO	Santo Domingo	26.62 0 P	P	03 51 49.2 -0.2
PCRV	Puerto La Cruz	30.51 12 P	P	03 52 07.3 +1.3
PCRV	comp=Z,5.7nm,0.7s,baz=338,slow=18,SNR=1.4		P	
MDP	Montañas des	30.61 38 P	P	03 52 06.4 -0.5
MDP	comp=Z,1.8nm,1.1s,baz=219,slow=8.3,SNR=4.4		P	
32.62	Speyside	32.62 19 P	P	03 52 23.1 -1.4
RCBR	Riachuelo	36.70 72 P	P	03 52 60.0 0.0
RCBR	comp=Z,5.5nm,0.9s,baz=249,slow=10,SNR=9.8		P	
RCBR	Riachuelo	36.70 72 P	P	03 52 58.6 -1.3
SJG	San Juan	38.06 7 P	P	03 53 09.1 -2.2
SJG	comp=Z,12nm,0.7s,baz=224,slow=3.6,SNR=4.8		P	
SJG	San Juan	38.06 7 P	P	03 53 09.5 -1.8
SJG		IAMB	IAMB	03 53 10.2
HUMP	Col San Antoni	38.13 8 P	P	03 53 10.5 -1.4
HUMP		IAMB	IAMB	03 53 24.6
TEIG	comp=Z,13nm,0.8s		P	03 53 56.4 +1.0
TEIG	Tepeich	43.40 336 P	P	03 53 54.7 -0.7
TEIG	comp=Z,11nm,0.6s		IAMB	03 53 56.8
TEIG	Tepeich	43.40 336 P	P	03 53 56.8
255A	Hazlehurst	52.74 348 IAMB	IAMB	03 55 08.1
352A	Blakely	52.86 345 P	P	03 55 07.5 -0.9
352A		IAMB	IAMB	03 55 08.9
NHSC	New Hope	53.47 350 P	P	03 55 14.2 +1.3
Z58A	St. Stephen	53.64 351 P	P	03 55 14.9 +0.9
Z57A	Bowman	53.74 350 P	P	03 55 15.3 +0.4
Z56A	Williston	53.89 349 P	P	03 55 16.2 +0.3
152A	Waverly Hall	53.95 345 P	P	03 55 14.8 -1.6
152A		IAMB	IAMB	03 55 16.4
Y56A	Pelion	54.33 349 P	P	03 55 19.5 +0.4
GOGA	Godfrey	54.38 347 P	P	03 55 19.3 -0.2
Y55A	Saluda	54.57 349 P	P	03 55 21.3 +0.4
X60A	Albert Glenn T	54.61 353 P	P	03 55 21.5 +0.3
X59A	McDuffie Farm,	54.69 352 P	P	03 55 22.2 +0.6
Z58A	Rowland	54.77 351 P	P	03 55 22.8 +0.6
Z58A	Ashland	54.80 344 P	P	03 55 22.1 -0.5
Z50A	Ashland	54.80 344 IAMB	IAMB	03 55 22.6
LRAL	Lakeview Retre	54.87 343 P	P	03 55 22.7 -0.3
Y52A	Liburn	54.95 347 P	P	03 55 23.4 -0.2
X56A	White Oak	54.97 350 P	P	03 55 23.6 -0.1
BIRD	Birdtown, Kers	55.02 350 IAMB	IAMB	03 55 25.5
X55A	Gracelyn & Ava	55.05 349 P	P	03 55 24.0 -0.4
W60A	Pink Hill	55.05 353 P	P	03 55 24.0 -0.3
W58A	Raeford	55.21 352 P	P	03 55 25.6 +0.1
X54A	Belton	55.26 348 P	P	03 55 26.0 +0.2
Z47A	Carrollton	55.32 342 IAMB	IAMB	03 55 26.2
X53A	Estantolee	55.40 347 P	P	03 55 26.9 0.0
PAULI	Pauline	55.42 349 IAMB	IAMB	03 55 29.0
W57A	Gilead	55.45 351 P	P	03 55 27.3 +0.1
W56A	Indian Trail	55.52 350 P	P	03 55 27.4 -0.4
KM5C	Kings Mountain	55.65 350 P	P	03 55 28.4 -0.3
KM5C	Kings Mountain	55.65 350 IAMB	IAMB	03 55 29.4
V60A	Jim Taylor Roa	55.71 354 P	P	03 55 28.8 -0.2
W54A	Cherokee Point	55.75 349 P	P	03 55 29.6 +0.2
X51A	Calhoun	55.80 346 P	P	03 55 29.4 -0.3
V59A	Middlesex	55.82 353 P	P	03 55 30.1 +0.2
V58A	Windy Hill, Pi	55.95 352 P	P	03 55 30.7 -0.1
V58A	Windy Hill, Pi	55.95 352 IAMB	IAMB	03 55 31.6
V57A	Coltrane Farms	56.14 351 P	P	03 55 32.0 -0.1
V56A	Mocksville	56.17 351 P	P	03 55 32.9 +0.5
U61A	Possum Corner	56.19 355 P	P	03 55 33.0 +0.5
V55A	Taylorville	56.33 350 P	P	03 55 33.9 +0.4
V55A	Taylorville	56.33 350 IAMB	IAMB	03 55 35.0

U59A	Littleton	56.34 353 P	P	03 55 34.1 +0.5
U59A	Littleton	56.34 353 IAMB	IAMB	03 55 34.6
V54A	Nebo	56.38 349 P	P	03 55 33.8 -0.1
U60A	Pendleton	56.40 354 P	P	03 55 34.5 +0.6
U58A	Oxford	56.48 353 P	P	03 55 35.1 +0.6
CPCT	Cooper Cave	56.57 347 IAMB	IAMB	03 55 36.1
U57A	Blanch	56.61 352 P	P	03 55 35.7 +0.2
TKL	Tuckaleechee C	56.61 347 IAMB	IAMB	03 55 36.1
U56A	King	56.68 351 P	P	03 55 36.6 +0.5
V52A	Sevierville	56.76 348 IAMB	IAMB	03 55 36.6
Z41A	Richland Creek	56.89 338 P	P	03 55 38.1 +0.6
T59A	Double "B" Far	56.93 354 P	P	03 55 38.0 +0.3
U55A	TA2, Sparta	56.94 350 P	P	03 55 37.9 0.0
PLAL	Pickwick Lake	57.00 343 IAMB	IAMB	03 55 38.2
T58A	Grand View Ac	57.02 353 P	P	03 55 38.5 +0.1
T60A	Surry	57.02 354 P	P	03 55 39.0 +0.6
U54A	Nelsons Funny	57.08 349 P	P	03 55 38.7 -0.2
T57A	Hurt	57.16 352 P	P	03 55 39.6 +0.2
T57A	Hurt	57.16 352 IAMB	IAMB	03 55 40.4
T56A	Rocky Mt	57.30 351 P	P	03 55 40.8 +0.4
V48A	Smith Brothers	57.39 345 IAMB	IAMB	03 55 40.9
T55A	Pulaski	57.49 351 P	P	03 55 42.4 +0.6
T54A	Tazewell	57.57 350 P	P	03 55 42.1 -0.2
WHXT	Lake Whitney,	57.58 333 P	P	03 55 42.6 +0.2
CLTN	Coebury of Leba	57.60 345 IAMB	IAMB	03 55 43.1
S58A	Poland Farm, P	57.62 353 P	P	03 55 42.5 -0.1
T53A	Wise	57.66 349 P	P	03 55 43.1 +0.1
S59A	Mechanicsville	57.69 354 P	P	03 55 43.7 +0.6
S56A	Natural Bridge	57.87 352 P	P	03 55 44.8 +0.4
S57A	Dark Hollow, R	57.87 352 IAMB	IAMB	03 55 45.5
T51A	Gray	57.91 348 P	P	03 55 44.2 -0.5
R58B	Mineral	57.95 353 P	P	03 55 45.3 +0.4
R58B	Mineral	57.95 353 IAMB	IAMB	03 55 46.2
WVT	Waverly	58.02 344 P	P	03 55 44.1 -1.3
WVT	Waverly	58.02 344 P	P	03 55 44.7 -0.8
WVT	Waverly	58.02 344 IAMB	IAMB	03 55 44.8
S55A	Lewisburg	58.09 351 P	P	03 55 46.2 +0.2
T50A	Nancy	58.15 347 P	P	03 55 45.5 -0.8
R58A	Rapidan	58.29 353 P	P	03 55 47.5 +0.2
TXAR	Lajitas Array	58.32 326 P	P	03 55 48.4 +0.5
TXAR	Lajitas Array	58.32 326 P	P	03 55 48.8 -1.0
MIAR	Mount Ida	58.32 338 P	P	03 55 47.6 -0.1
MIAR	Mount Ida	58.32 338 IAMB	IAMB	03 55 48.3
R57A	Standardsville	58.35 353 P	P	03 55 48.3 +0.6
T49A	Edmont	58.38 346 P	P	03 55 47.3 -0.7
R55A	Marlinton	58.54 351 P	P	03 55 49.7 +0.5
R55A	Marlinton	58.54 351 IAMB	IAMB	03 55 50.5
R54A	Victor	58.57 351 P	P	03 55 49.8 +0.5
T47A	Sharon Grove	58.64 345 IAMB	IAMB	03 55 56.5
S50A	Richmond	58.69 347 P	P	03 55 49.6 -0.6
Q58A	Fox Den Farm,	58.89 354 P	P	03 55 52.1 +0.6
S49A	Springfield	58.98 347 P	P	03 55 51.5 -0.7
W39A	Magazine	58.98 338 P	P	03 55 52.5 +0.3
W39A	Magazine	58.98 338 IAMB	IAMB	03 55 53.4
Q57A	Strasburg	59.07 353 P	P	03 55 53.5 +0.8
ABTX	Ablene, Hawle	59.07 332 P	P	03 55 52.9 0.0
R51A	Hillsboro	59.13 348 P	P	03 55 52.6 -0.6
Q56A	Snyder Ridge,	59.16 352 P	P	03 55 54.3 +0.9
Q55A	Buckhannon	59.23 352 P	P	03 55 54.5 +0.5
R50A	Paris	59.26 348 P	P	03 55 53.5 -0.6
Q53A	Leitchfield	59.31 350 P	P	03 55 54.6 +0.1
Q54A	Coxs Mills	59.33 351 P	P	03 55 54.7 +0.1
P58A	Pank, Wackersv	59.40 354 P	P	03 55 55.6 +0.6
P59A	Jarrettsville	59.44 355 P	P	03 55 55.7 +0.4
R49A	Shelbyville	59.44 347 P	P	03 55 55.0 -0.4
P57A	Homestead Farm	59.47 354 P	P	03 55 56.3 +0.9
P57A	Homestead Farm	59.47 354 IAMB	IAMB	03 55 58.5
Q52A	Gidwell	59.54 350 P	P	03 55 55.7 -0.3
P56A	Dayton Farm, R	59.58 353 P	P	03 55 57.0 +0.7
WCI	Wyndford Cave	59.63 346 P	P	03 55 55.8 -0.8
P55A	Reedsville	59.70 352 P	P	03 55 56.9 -0.2
U40A	Yelville	59.72 339 P	P	03 55 56.7 -0.6
U40A	Yelville	59.72 339 IAMB	IAMB	03 55 57.5
Q50A	Georgetown	59.73 348 P	P	03 55 56.8 -0.6
Q51A	Peebles	59.79 349 P	P	03 55 57.4 -0.3
O61A	Allentown	59.79 357 P	P	03 55 58.0 +0.3
MVL	Millersville	59.82 355 IAMB	IAMB	03 55 59.6
MCWV	Mont Chateau	59.85 352 P	P	03 55 58.4 +0.3
P54A	Burton	59.89 351 P	P	03 55 58.5 +0.1
P53A	Whipple	59.91 351 P	P	03 55 58.3 -0.2
P53A	Whipple	59.91 351 IAMB	IAMB	03 56 16.0
O58A	Lewisberry	59.99 355 P	P	03 55 59.5 +0.4
X34A	Smith Ranch, M	59.99 334 IAMB	IAMB	03 55 60.0
HHAR	Hobbs	60.02 339 IAMB	IAMB	03 56 00.4

comp=Z,9.6nm,0.9s				
O60A	Telford	60.07 356 P	P	03 55 59.9 +0.3
Q49A	Aurora	60.07 347 P	P	03 55 59.1 -0.6
O59A	Robesonia	60.12 355 P	P	03 56 00.2 +0.3
O57A	Amberson	60.15 354 P	P	03 56 00.1 -0.1
P52A	Corning	60.17 350 P	P	03 55 59.8 -0.5
Q48A	North Vernon	60.18 347 P	P	03 55 59.9 -0.4
P51A	Williamsport	60.18 349 P	P	03 55 59.5 -0.9
O56A	Blue Knob Stat	60.30 353 P	P	03 56 01.7 +0.4
U38A	Gravette	60.31 338 IAMB	IAMB	03 56 01.6
O55A	Ligonier</			

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HDIL Hopedale, K56A Middlesex, K54A Basilica Farm, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ALGO Algonquin Park, SDCO Great Sand Dun, E58A La Verne, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like OMMB Old Mammoth Mt, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

NEIC 03 03:53:35.8t.1.8,20:67S:0:03:70:67W:0:04,1h0km,1km, mb4.2/5,ML4.4(GUC), Error ellipse: s-maj=6.3km s-min=3.4km az=239.0
IDC 03 03:53:35.5t.1.9,20:54S:70:70W,h0km,mb3.8/3, mb1.4/1.5,mb1mx3.8/23,mbtmpp4.1/5,ML4.4/2, Error ellipse: s-maj=41.2km s-min=25.6km az=61.0
GUC 03 03:53:39.6t.0.7,20:63S:70:60W,h26km,3km,ML4.3
ISC 03 03:53:35.1t.5,20:56S:0:02:70:70W,0:06,h8km,9km, n49,08/61,6C-4D,Near coast of northern Chile

comp=Z,0.6nm,0.5s,baz=50,slow=2.3,SNR=6.2

ATH 03:59:53.7, 34.566N-26.575E, h24km, 4km, ML2.7/3, Error ellipse: s-maj=6.9km s-min=1.8km az=353.0

THE 03:59:55.4, 34.64N-26.566E, h10km, 2km, ML2.5/6, Error ellipse: s-maj=2.2km s-min=1.1km az=296.0

DDA 03:04:00.01, 6.3523N-27.166E, h17km, 2km, ML3.3

ISC 03:59:46.3, 1.8, 34.533N-0.09, 26.96E, 0.03, h4km, 11km, I25, 6, 19.98/40, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, Res. Includes stations like PSGC Pisagua, IPOC Station P, and various other meteorological and astronomical stations.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, Res. Includes stations like ZKR Zakros, STIA Sitia Lasithi, and various other stations in the central section.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, Res. Includes stations like IPOC Station P, CPUP Villa Florida, and various other stations in the right section.

NEIC 03:57:43.3±1.2, 17.688S-0.08, 174.4W±0.1, h115km, 7km, mb4.4/6, Error ellipse: s-maj=15.4km s-min=12.2km az=86.0

IDC 03:57:43.3±4.8, 17.71S±174.44W, h101km, 33km, mb3.6/5, mb1 4.0/6, mb1mx3.6/28, mbtmp4.0/6, Error ellipse: s-maj=17.2km s-min=1.7km az=145.0

ISC 03:57:42.5±0.6, 17.585S-0.07, 174.36W±0.08, h100km, n30, 0, ±141/23, mb4.3/14, Tonga Islands

IDC 03:00:55.1±0.6, 20.54S±70.59W, h0km, mb4.1/4, mb1 4.2/17, mb1mx4.2/31, mbtmp4.1/17, ML4.3/3, Error ellipse: s-maj=23.5km s-min=14.4km az=60.0

NEIC 03:00:55.1±1.8, 20.50S±0.02, 70.64W±0.09, h10km, 1km, mb4.7/32, ML4.5(GUC), Error ellipse: s-maj=13.9km s-min=3.9km az=269.0

GUC 03:04:01.00±0.7, 20.59S±70.54W, h22km, 3km, ML4.4 VAO 03:04:01.02±4.1, 20.48S±70.55W, h41km, 6km, mb4.6

ISC 03:00:55.1±1.4, 20.53S±0.02, 70.66W±0.05, h6km, 8km, n121, ±1817/125, mb4.5/23, 4C-ID, Near coast of northern Chile

IDC 03:04:04.2±0.7, 20.26S±70.68W, h0km, mb4.1/9, mb1 4.3/12, mb1mx4.2/30, mbtmp4.2/12, ML4.5/3, Error ellipse: s-maj=25.4km s-min=16.8km az=50.0

NEIC 03 04:04:43.4:1.9,20:34S:0:03:70:61W:0:06,h10km, mb4.5/27,ML4.6(GUC),Error ellipse: s-maj=9.3km s-min=4.6km az=92.0

GUC 03 04:04:47.6:0.7,20:35S:70:54W,h26km,2km,ML4.5 ISC 03 04:04:43.5:1.4,20:33S:0:02:70:61W:0:05,h11km,8gkm, n86,+f103/104,mb4.4/16,5C-5D,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TA01 Diego Aracena, PSGC Pisagua, PSBXC Pisagua, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H1S3 WAKE ISLAND Hy26.16 278 T, H1N3 WAKE ISLAND Hy26.20 280 T, H1N2 WAKE ISLAND Hy26.20 280 T, etc.

IDC 03 04:06:50.8:3.2,20:44S:70:21W,h0km,mb3.6/1, mb1.4/1.3,mb1mx3.7/26,mbtmp3.9/3,ML3.8/1,Error ellipse: s-maj=94.2km s-min=5.9km az=155.0,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LPAZ La Paz, SIV San Ignacio, YKA Yellowknife Arr, MKAR Makanchi Array, etc.

NEIC 03 04:17:55.5:1.9,20:62S:0:03:70:72W:0:05,h10km,1km, mb5.2/16,ML5.2(GUC),Error ellipse: s-maj=8.4km

IDC 03 04:17:55.6:0.6,20:46S:70:54W,h0km,mb4.6/20, mb1.4/7.25,mb1mx4.7/33,mbtmp4.6/25,ML4.2/5,M55.9/1, MS1.5/8.1,ms1mx4.6/26,Error ellipse: s-maj=18.1km s-min=12.7km az=49.0

MOS 03 04:17:57.1:1.5,20:45S:70:60W,h23km,mb5.1/22,Error ellipse: s-maj=14.0km s-min=8.0km az=112.5

BUI 03 04:17:58.0:0.0,20:60S:70:70W,h10km,mb5.4/2, Ms7.4/9.1

GUC 03 04:17:59.3:0.7,20:59S:70:68W,h12km,3km,ML5.0 VAO 03 04:18:05:0.4:0.8,20:59S:70:27W,h64km,5km,mb5.0

ISC 03 04:17:57.4:1.3,20:60S:0:02:70:72W:0:04,h18km,8gkm, n87,+f109/829,mb5.2/166,8C-7D,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TA01 Diego Aracena, PSGC Pisagua, PSBXC Pisagua, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PTGB Pitanga, ITAB Curacora, GO06 Curarehue, FRTB Fatura, PLCA Paso Flores, etc.

Table with columns: ID, Name, Time, Status, Location, Date, Time, Status, Location, Date, Time, Status, Location. Includes entries like BIRD, X55A, W60A, HKT, HKT, HKT, W61A, W58A, CNNC, X54A, 837A, 243A, X53A, PAULI, W57A, W57A, W56A, KMSC, V61A, V60A, W54A, X51A, V59A, FPAL, V58A, W52A, V57A, V56A, U61A, NATX, X48A, X48A, V55A, V55A, U59A, U59A, V54A, U60A, V53A, W50A, CPCT, TKL, TKL, TKL, U57A, SWET, U56A, U56A, V52A, Z41A, V51A, OXF, T59A, T59A, U55A, PLAL, T58A, T60A, U54A, U54A, T57A, T57A, JCT, T56A, WLAR, V48A, TZTN, T55A, BLA, BLA, WHTX, T54A, T54A, CLTN, S58A, S58A, T53A, T52A, S56A, U49A, S57A, S57A, T51A.

Table with columns: ID, Name, Time, Status, Location, Date, Time, Status, Location, Date, Time, Status, Location. Includes entries like R58B, R58B, X40A, WVT, WVT, WVT, R61A, UALR, S55A, R59A, R60A, T50A, S54A, S54A, TXAR, TXAR, TXAR, R58A, MIAR, MIAR, MIAR, R57A, T49A, W41B, S51A, R55A, R55A, WHAR, R56A, R54A, S50A, Q60A, R53A, R53A, Q58A, W39A, W39A, S49A, ABTX, ABTX, FCAR, Q57A, R51A, Q56A, Q56A, R50A, Q53A, Q54A, Q54A, PBMO, PBMO, R49A, R49A, P59A, P57A, Q52A, P56A, P60A, WCI, WCI, WCI, U40A, P55A, Q50A, T42A, Q51A, Q51A, O61A, MVL, MCWV, MCWV, P54A, P53A, O58A, HHAR, W35A, O60A, Q49A, O59A, O57A, P52A, Q48A.

Table with columns: ID, Name, Time, Status, Location, Date, Time, Status, Location, Date, Time, Status, Location. Includes entries like P51A, P51A, U38A, O56A, TUL1, O55A, N61A, P50A, O54A, WMOK, OLIL, P49A, N62A, BLO, O52A, O52A, SSPA, SSPA, P48A, P48A, O38A, O38A, PAL, N57A, N58A, N59A, O51A, CCM, CCM, CCM, VNA3, N55A, ACCO, N56A, O50A, VNA1, MNXT, MNXT, M60A, M62A, O49A, N53A, N53A, N54A, P46A, M58A, M57A, N52A, R40A, M59A, O48A, K52A, VNA2, N50A, L63A, M56A, N51A, M55A, L64A, MSTX, MSTX, M54A, L60A, M53A, N49A, L58A, M51A, L57A, SFIN, N48A, L59A, M52A, O44A, BINY, BINY, N47A, L56A, L56A, M50A, L61B, HRV, L53A, L55A, M49A.

ERPA	Erie	62.98	352	P	P	04 28 23.4	+0.4
K61A	Williamstown	62.99	358	P	P	04 28 23.9	+0.9
L54A	Sinclairville	63.02	353	P	P	04 28 24.2	+1.0
K59A	Cooperstown	63.17	357	P	P	04 28 25.3	+1.0
K58A	Earlville	63.20	356	P	P	04 28 25.4	+0.9
K57A	Scipio Center	63.23	355	P	P	04 28 25.0	+0.4
HDIL	Hopedale	63.25	344	P	P	04 28 24.4	-0.3
K56A	Middlesex	63.27	355	P	P	04 28 25.5	+0.5
K54A	Basiliko Farm,	63.32	353	P	P	04 28 25.8	+0.5
L50A	Kingsville	63.32	350	P	P	04 28 24.7	-0.5
K55A	Perry	63.37	354	P	P	04 28 26.1	+0.6
L48A	N Adams	63.50	349	P	P	04 28 26.0	-0.5
L49A	Milan	63.54	349	P	P	04 28 26.7	0.0
319A	Douglas	63.55	323	I	Amb	04 28 38.6	
J60A	Lant Hill Farm	63.57	358	P	P	04 28 27.6	+0.8
121A	Cookes Peak, D	63.62	325	P	P	04 28 29.4	+1.7
121A	Cookes Peak, D	63.62	325	I	Amb	04 28 39.2	
J61A	Chester	63.65	359	P	P	04 28 27.8	+0.4
SNA4	Sanae	63.68	161	P	P	04 28 28.5	+1.1
SNA4	Sanae	63.68	161	P	P	04 28 27.1	-0.3
SNA4	Sanae	63.68	161	P	P	04 28 27.1	-0.3
SNA4	Sanae	63.68	161	P	P	04 28 27.1	-0.3
ACCN	Adirondack Com	63.72	358	I	Amb	04 28 38.7	
K52A	Tilsonburg	63.73	352	P	P	04 28 27.8	-0.1
J58A	Remsen	63.78	356	P	P	04 28 28.3	0.0
J56A	Wolcott	63.80	355	P	P	04 28 29.0	+0.6
J59A	Piesco	63.84	357	P	P	04 28 29.7	+1.0
J59A	Piesco	63.84	357	I	Amb	04 28 39.4	
J57A	Williamstown	63.87	356	P	P	04 28 29.3	+0.5
J57A	Williamstown	63.87	356	I	Amb	04 28 38.5	
J55A	Hilton	63.88	354	P	P	04 28 29.1	+0.3
J54A	Appleton	63.97	354	P	P	04 28 29.8	+0.4
K50A	Casco	64.00	350	P	P	04 28 29.4	-0.3
I58A	Old Forge	64.09	357	P	P	04 28 31.1	+0.8
I59A	Olmsteadville	64.14	357	P	P	04 28 31.1	+0.5
K51A	Kansas State U	64.14	338	P	P	04 28 30.4	-0.3
K49A	Clarkson	64.15	350	P	P	04 28 30.4	-0.3
J52A	Paris	64.15	352	P	P	04 28 30.9	+0.2
I60A	Shoreham	64.16	358	P	P	04 28 31.7	+1.0
I61A	Ororobo Fairl	64.22	359	P	P	04 28 32.6	+1.5
K48A	Perry	64.28	349	P	P	04 28 30.8	-0.8
K47A	Vermontville	64.31	348	P	P	04 28 30.5	-1.2
NCB	Newcomb	64.33	357	I	Amb	04 28 33.3	
I57A	Carthage	64.38	356	P	P	04 28 32.8	+0.6
K46A	Dorr	64.48	348	P	P	04 28 32.4	-0.4
LBNH	Lisbon	64.53	359	P	P	04 28 34.4	+1.2
LBNH	Lisbon	64.53	359	I	Amb	04 28 43.6	
J49A	Marlette	64.66	350	P	P	04 28 33.5	-0.5
J48A	Bridge Port	64.70	349	P	P	04 28 34.0	-0.3
H58A	Gabriels	64.77	357	P	P	04 28 35.5	+0.7
I51A	Listowel	64.78	352	P	P	04 28 34.8	+0.1
I55A	Frankford	64.81	354	P	P	04 28 35.0	+0.1
H61A	Lyndonville	64.82	359	P	P	04 28 36.5	+1.4
J47A	Sumner	64.83	349	P	P	04 28 34.8	-0.3
ANMO	Albuquerque	64.83	328	P	P	04 28 36.7	+1.2
ANMO	Albuquerque	64.83	328	I	Amb	04 28 36.5	+0.9
ANMO	Albuquerque	64.83	328	P	P	04 28 36.6	+1.0
ANMO	Albuquerque	64.83	328	P	P	04 28 34.9	-0.7
H62A	Milan	64.85	360	P	P	04 28 36.2	+1.0
H60A	Morrisstown	64.86	358	P	P	04 28 35.6	+0.3
H57A	Richville	64.88	356	P	P	04 28 35.7	+0.3
H63A	New Sharon	64.94	1	P	P	04 28 37.3	+1.5
H59A	Cadyville	64.98	358	P	P	04 28 36.9	+0.9
H65A	Eastbrook	65.01	2	P	P	04 28 37.2	+0.9
CBK5	Cedar Bluff	65.06	335	P	P	04 28 38.0	+1.2
H56A	Elgin	65.07	356	P	P	04 28 37.1	+0.5
TUC	Tucson	65.09	323	P	P	04 28 35.9	-1.3
TUC	Tucson	65.09	323	P	P	04 28 38.1	+0.9
TUC	Tucson	65.09	323	P	P	04 28 35.9	-1.3
H55A	Tweed	65.10	355	P	P	04 28 37.2	+0.4
FRNY	Flat Rock	65.17	358	I	Amb	04 28 47.3	
I49A	Point Hope	65.17	350	P	P	04 28 36.8	-0.5
H53A	Bobcaygeon	65.25	354	P	P	04 28 37.9	+0.1
G60A	Masonville	65.39	359	P	P	04 28 39.7	+1.0
H52A	Wyevale	65.46	353	P	P	04 28 39.2	0.0
G57A	Newington	65.50	357	P	P	04 28 40.3	+0.9
G62A	West of Eustis	65.50	0	P	P	04 28 40.8	+1.3
G58A	Ormstown	65.50	357	P	P	04 28 39.9	+0.6
SAD0	Sadowa	65.50	353	I	Amb	04 28 48.6	
I47A	Gladwin	65.53	349	P	P	04 28 39.3	-0.3
I47A	Gladwin	65.53	349	I	Amb	04 28 48.1	
G65A	Princeton	65.54	2	P	P	04 28 40.2	+0.5
I48A	Sherman Twp	65.55	350	P	P	04 28 39.3	-0.5
G64A	Maxfield	65.55	2	P	P	04 28 40.8	+1.0
PKME	Peaks-Kenny Pk	65.55	1	P	P	04 28 40.7	+0.9

G61A	St-Isidore-de-	65.56	359	P	P	04 28 41.3	+1.4
I46A	Reed City	65.62	348	P	P	04 28 39.7	-0.6
T25A	Trinidad	65.63	331	P	P	04 28 41.6	+0.9
JFWS	Jewell Farm	65.71	344	P	P	04 28 40.5	-0.3
JFWS	Jewell Farm	65.71	344	I	Amb	04 28 49.9	
G55A	Calabogie	65.76	355	P	P	04 28 41.0	-0.1
G53A	Harrisville	65.80	354	P	P	04 28 41.6	+0.2
H48A	Harrisville	65.99	350	I	Amb	04 28 42.2	-0.4
H48A	Harrisville	65.99	350	I	Amb	04 28 51.2	
214A	Organ Pipe Nat	66.00	321	P	P	04 28 45.4	+2.4
214A	Organ Pipe Nat	66.00	321	I	Amb	04 28 47.4	
G54A	Lake Saint Pet	66.02	354	P	P	04 28 43.0	+0.2
H47A	Mio	66.04	349	P	P	04 28 42.7	-0.2
F61A	St Evariste	66.25	360	P	P	04 28 44.9	+0.7
F60A	Warwick	66.25	359	P	P	04 28 44.9	+0.7
I42A	Draper Farm,	66.30	346	I	Amb	04 28 53.8	
X18A	Snowlflake	66.31	325	I	Amb	04 28 56.8	
GLMI	Crayling	66.33	349	P	P	04 28 45.0	+0.3
H45A	Beulah	66.40	348	P	P	04 28 45.0	-0.2
KSCO	Kaye Shedlock'	66.40	333	P	P	04 28 46.2	+0.7
KSCO	Kaye Shedlock'	66.40	333	I	Amb	04 28 56.8	
F52A	Sundridge	66.53	353	P	P	04 28 46.5	+0.5
G47A	Hillman	66.54	350	P	P	04 28 46.5	+0.4
ALGO	Algonquin Park	66.56	354	P	P	04 28 46.2	-0.1
SDCO	Great Sand Dun	66.62	330	P	P	04 28 48.8	+1.6
SDCO	Great Sand Dun	66.62	330	I	Amb	04 28 59.0	
W18A	Petrified Fore	66.64	326	P	P	04 28 48.8	+1.5
W18A	Petrified Fore	66.64	326	I	Amb	04 28 50.5	
E58A	La Victoria	66.69	358	P	P	04 28 47.4	+0.3
E61A	Lac Etchemin	66.71	0	P	P	04 28 48.8	+1.5
G45A	Suttons Bay	66.72	349	P	P	04 28 47.0	-0.3
BGNE	Belgrade	66.73	338	P	P	04 28 47.9	+0.4
F51A	Arnstien	66.73	353	P	P	04 28 47.3	0.0
E63A	Oxbow	66.73	2	P	P	04 28 48.1	+0.8
E64A	Bridgewater	66.75	2	P	P	04 28 48.3	+0.9
E57A	Cheemin Saint G	66.76	357	P	P	04 28 47.6	0.0
F49A	Sandfield	66.84	351	P	P	04 28 47.6	-0.4
G46A	Potoskey	66.85	349	P	P	04 28 47.8	-0.3
E56A	St. Veronique	66.94	357	P	P	04 28 48.8	+0.2
E52A	Mattawa	66.95	354	P	P	04 28 49.2	+0.5
E53A	Dumoine, Ponti	66.95	355	P	P	04 28 49.1	+0.4
E54A	Lac Duplat, Po	66.97	355	P	P	04 28 49.0	+0.2
F48A	Evansville	66.98	351	P	P	04 28 48.4	-0.5
S22A	4UR Ranch, Cre	67.24	330	P	P	04 28 52.3	+1.1
E51A	G1945 Merrick	67.28	353	P	P	04 28 50.9	+0.1
F45A	CMU Biological	67.32	349	P	P	04 28 50.5	-0.5
D57A	Chemin Vers le	67.36	358	P	P	04 28 51.8	+0.5
D63A	Stockholm	67.36	2	P	P	04 28 52.0	+0.7
D62A	Allapoint, All	67.38	1	P	P	04 28 52.5	+1.2
D62A	Allapoint, All	67.38	1	P	P	04 28 51.5	+0.1
D62A	Allapoint, All	67.38	1	I	Amb	04 29 01.4	
D58A	Chemin du LacG	67.40	358	P	P	04 28 52.1	+0.5
D56A	ZEC Mazanza, M	67.42	357	P	P	04 28 52.1	+0.4
D55A	Sainte-Anne-du	67.43	356	P	P	04 28 52.2	+0.4
Q24A	Divide	67.45	331	P	P	04 28 53.7	+1.2
D61A	St Aubert, Com	67.48	0	P	P	04 28 52.7	+0.7
E48A	Lockeyer	67.56	351	P	P	04 28 52.3	-0.3
MVCO	Mesa Verde	67.63	328	P	P	04 28 55.2	+1.7
MVCO	Mesa Verde	67.63	328	I	Amb	04 29 04.7	
D54A	Lac Fusel, La	67.64	356	P	P	04 28 52.8	-0.3
D53A	Lac Vacive, Po	67.65	355	P	P	04 28 53.3	+0.1
D53A	Lac Vacive, Po	67.65	355	I	Amb	04 29 02.5	
BATG	Bathurst New B	67.69	3	I	Amb	04 29 03.1	
LATO	La Tuque	67.69	358	P	P	04 28 53.3	0.0
E47A	Iron Bridge	67.69	351	P	P	04 28 52.8	-0.6
OGNE	Ogalla	67.79	335	P	P	04 28 55.4	+1.1
OGNE	Ogalla	67.79					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FFC Flin, I04A Tendick Farm, G05E Wamic, J01D Myrtle Point, I03D Drain, NEW Newport, C09A Chrisman Ranch, F04A Amboy, E04D Cinebar, D05A Enumclaw, B05A Bryant, LLLB Lillooet, TAM Tamarras, TAM Tamarras, TAM Yellowknife Ar, THZ Tophouse, SUMG Summit, SUMG Summit, SUMG Summit, A36M Sachs Harbour, CLL Collm, CLL Collm, ILAR Eielson Array, OBN Obninsk, OBN Obninsk, KIV Kiv, KIV Kiv, KBZ Khabaz, KBZ Khabaz, BILL Bilibino, BILL Bilibino, H11S2 WAKE ISLAND Hy26.08 278, H11S1 WAKE ISLAND Hy26.09 278, H11S3 WAKE ISLAND Hy26.10 278, H11N3 WAKE ISLAND Hy26.14 280, H11N2 WAKE ISLAND Hy26.16 280, H11N1 WAKE ISLAND Hy26.16 280, TIXI Tiksi, ARU Arti, SEY Seymchan, ASAR Alice Springs, ASAR Alice Springs, PETK Petropavlovsk, PETK Petropavlovsk, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, BOD Bodaibo, ZEA Zeya, NIL Nilore, NIL Nilore, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, PDGK Podgomoye, IRK Irkutsk, MOY Mondy, TLY Talaya, USRK Ussuriysk Arr, USRK Ussuriysk Arr, ZAK Zakamensk, ZAK Zakamensk, MJAR Matsushiro Arr, MJAR Matsushiro Arr, WAT Urumqi, WMQ Wm, HYB Hydrabab, SONM Songino Array, SONM Songino Array, SONM Songino Array, SONM Ulanbaatar, SONM Ulanbaatar, KSAR Wonju Array Be, KSAR Wonju Array Be, GTA Gaotai, GTA Gaotai, HJC Hu-ho-hao-te, HJC Nanjing, CD2 Chengdu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I03D Drain, NEW Newport, C09A Chrisman Ranch, F04A Amboy, E04D Cinebar, D05A Enumclaw, B05A Bryant, LLLB Lillooet, TAM Tamarras, TAM Tamarras, TAM Yellowknife Ar, THZ Tophouse, SUMG Summit, SUMG Summit, SUMG Summit, A36M Sachs Harbour, CLL Collm, CLL Collm, ILAR Eielson Array, OBN Obninsk, OBN Obninsk, KIV Kiv, KIV Kiv, KBZ Khabaz, KBZ Khabaz, BILL Bilibino, BILL Bilibino, H11S2 WAKE ISLAND Hy26.08 278, H11S1 WAKE ISLAND Hy26.09 278, H11S3 WAKE ISLAND Hy26.10 278, H11N3 WAKE ISLAND Hy26.14 280, H11N2 WAKE ISLAND Hy26.16 280, H11N1 WAKE ISLAND Hy26.16 280, TIXI Tiksi, ARU Arti, SEY Seymchan, ASAR Alice Springs, ASAR Alice Springs, PETK Petropavlovsk, PETK Petropavlovsk, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, BOD Bodaibo, ZEA Zeya, NIL Nilore, NIL Nilore, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, PDGK Podgomoye, IRK Irkutsk, MOY Mondy, TLY Talaya, USRK Ussuriysk Arr, USRK Ussuriysk Arr, ZAK Zakamensk, ZAK Zakamensk, MJAR Matsushiro Arr, MJAR Matsushiro Arr, WAT Urumqi, WMQ Wm, HYB Hydrabab, SONM Songino Array, SONM Songino Array, SONM Songino Array, SONM Ulanbaatar, SONM Ulanbaatar, KSAR Wonju Array Be, KSAR Wonju Array Be, GTA Gaotai, GTA Gaotai, HJC Hu-ho-hao-te, HJC Nanjing, CD2 Chengdu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CEVE Cerro Verde, SBLB San Blas, SBLB San Blas, RTR El Retiro, RTR El Retiro, SNJE San Jose, SNJE San Jose, IXG Ixapaco, IXG Ixapaco, IXG Ixapaco, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, UNIC Universidad Ca, UNIC Universidad Ca, UNIC Universidad Ca, BOQUERON Serv Nac Est T, BOQUERON Serv Nac Est T, SNET Serv Nac Est T, SNET Serv Nac Est T, SNET Serv Nac Est T, UNIVERSIDAD EV Universidad Ev, UNIVERSIDAD EV Universidad Ev, PEG Pacaya, PEG Pacaya, OPAM Oficina de Pla, OPAM Oficina de Pla, UESB Universidad de, UESB Universidad de, UESS Universidad de, UESS Universidad de, LOMA Loma Larga, LOMA Loma Larga, LOMA Loma Larga, LOMA Loma Larga, UNIVERSIDAD DO Universidad Do, UNIVERSIDAD DO Universidad Do, AEL Aeropuerto Ilo, AEL Aeropuerto Ilo, LFRS El Faro, LFRS El Faro, FLG Fuego 3, FLG Fuego 3, LBRB Las Brisas, LBRB Las Brisas, MTO3 Montecristo, MTO3 Montecristo, MTO3 Montecristo, COEG Centro de Oper, COEG Centro de Oper, COEG Centro de Oper, UESV Universidad de, UESV Universidad de, LLGN La Laguna, LLGN La Laguna, ERG Entre ros, ERG Entre ros, ALJI Alcaldia de J, ALJI Alcaldia de J, ALJI Alcaldia de J, APG El Apazaco, APG El Apazaco, COEB Comit de Eme, COEB Comit de Eme, COEB Comit de Eme, TECA Tecapa, TECA Tecapa, MRL Marmol, MRL Marmol, STG3 Santiaguico J, STG3 Santiaguico J, PACA Pacayal, PACA Pacayal, LCA Lacayo, LCA Lacayo, LCY Lacayo, JUCU Jucuarjn, JUCU Jucuarjn, JUCU Jucuarjn, FAGO Alcaldia de S, FAGO Alcaldia de S, LCND La Caada, LCND La Caada, LCND La Caada, CNCH Conchagua, CNCH Conchagua, CSGN Cosiguina Voic, CSGN Cosiguina Voic, COMIG Comitan, COMIG Comitan, ACON Acopya, ACON Acopya, GBIA Borinquen Arri, GBIA Borinquen Arri, BUEV Buena Vista, BUEV Buena Vista, PLVR Palo Verde, PLVR Palo Verde, CMIG Comitan, CMIG Comitan, LAS JUNTAS DE LAS JUNTAS DE, LAS JUNTAS DE LAS JUNTAS DE, JTS Las Juntas de, JTS Las Juntas de, CEDE Laguna Cedeeo, CEDE Laguna Cedeeo, FORC Fortuna, FORC Fortuna, TEIG Tepich, TEIG Tepich, LCR2 La Lucha 2, LCR2 La Lucha 2, ICCO Coco Island, ICCO Coco Island, TLIG Tilapa, TLIG Tilapa, 553A Crawfordville, 553A Crawfordville, 344A Westbrook Farm, 344A Westbrook Farm, 435B Blakely, 435B Blakely, 352A Blakely, 352A Blakely, NATX Nacogdoches, NATX Nacogdoches, VBMS Vicksburg, VBMS Vicksburg, JCT Junction City, JCT Junction City, 146A Union, 146A Union, LAKE WHITNEY Lake Whitney, LAKE WHITNEY Lake Whitney, WHXX Lake Whitney, WHXX Lake Whitney, HPIG Lakeview, HPIG Lakeview, HPIG Lakeview

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like R40A Maddies Statio, M56A Emporium, M55A Ridgway, N49A Columbus Grove, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, SONM Songoiro Array, TA01 Diego Aracena, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUY2C Guyana, Caldas, SPBC San Pablo de B, RUSC La Rusia, etc.

IDC 03 04:45:22.1-1.6, 19.89Sx70.83W, h0km, mb3.8/3, mb1.4, 1/5, mb1mx4.7/35, mb1mp4.0/5, ML3.9/2, Error ellipse: s-maj=19.6km s-min=13.9km az=62.0

NEIC 03 04:53:39.7-1.3, 20.277Sx70.56W, h10km, 1km, mb4.8/11, ML5.0(GUC), Error ellipse: s-maj=8.0km s-min=4.5km az=268.0

VAO 03 04:53:39.7-1.3, 20.262Sx70.56W, h16km, 9km, mb4.8 GUC 03 04:53:41.3-0.7, 20.705Sx70.59W, h25km, 5km, ML5.0

ISC 03 04:53:36.8-1.4, 20.275Sx70.66W, 0.04, h4km, 8km, n385, o897/363, mb4.7/57, 5C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TA01 Diego Aracena, PSGC Pisagua, PB08 IPOC Station P, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUY2C Guyana, Caldas, SPBC San Pablo de B, RUSC La Rusia, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like X34A Smith Ranch, HHAR Hobbs, O60A Telford, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like D57A Chemin Vers, D62A Allapatt, D58A Chemin du LacG, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like C09A Chrisman Ranch, B05A Bryant, D03D Eldon, etc.

VAO 03 05:06:33.8±0.5, 20:35Sx70:99W, h10km, mb4.5
IDC 03 05:06:43.0±0.6, 20:11Sx70:53W, h0km, mb4.3/18,
mb1.4, 4/21, mb1mx4.4/27, mbmt4.3/21, ML4.1/3, Error
PB1=18.9km s-min=114.2km az=62.0
NEIC 03 05:06:46.4±2.1, 20:31S, 0:03:70:71W, 0:04, h30km, 4km,
mb4.8/81, ML4.3(GUC), Error ellipse: s-maj=5.8km
s-min=4.1km az=61.0
GUC 03 05:06:47.5±0.6, 20:34Sx70:22W, h26km, ML4.3
ISC 03 05:05:45.3±1.3, 20:29S, 0:02:70:07W, 0:05, h25km, 9km,
n207, 0:17:183, mb4.8/52, 2C-4D, Near coast of
northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like TA01 Diego Aracena, PSCG Pisagua, PSCGX Pisagua, etc.

3d 5h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NNA, CPUP, PTGA, etc.

2014 APR

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CCM, ACSS, WYNY, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PB11, PB12, PB01, etc.

SJA 03:05:17:05.3:0.4, 19:93S:71:23W, h18km, g3km, ML5.0, MMV.0
IDC 03:05:17:08.8:0.8, 19:59S:70:86W, h0km, mb4.2/12
mb1 4.3/16, mb1mx4.2/3.0, mbtmp4.2/16, ML4.0/4, Error ellipse: s-maj=24.4km s-min=13.7km az=51.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Resolution. Includes stations like PSGC, PSGCX, PSB, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like D41A Chassel, N20A White River Ci, MATO Matagami, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PB01 IPOC Station P, PB11 IPOC Station P, PB07 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PB01 IPOC Station P, PB11 IPOC Station P, PB07 IPOC Station P, etc.

IDC 03 05:19:01.7-0.5, 201.40S:70.53W, h0km, mb4.6/20, mb1.4/7.23, mb1mx4.7/30, mbtp4.6/23, ML4.3/3, Error ellipse: s-maj=18.9km s-min=11.2km az=56.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TA01 Diego Arcarena, PB02 IPOC Station P, PSCG Pisagua, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TA01 Diego Arcarena, PB02 IPOC Station P, PSCG Pisagua, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TA01 Diego Arcarena, PB02 IPOC Station P, PSCG Pisagua, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SMCO, SPMM, PV15, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like E09A, FFC, HAWA, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TA01, PB02, PB01, etc.

LUPA	Lehigh Unvers	61.20 356	P	P	05 36 29.0 +1.0
TUL1	Leonard	61.22 337	P	P	05 36 28.4 +0.2
TUL1	Leonard	61.22 337	P	P	05 36 28.3 0.0
BRNJ	Basking Ridge	61.23 357	I Amb	I Amb	05 36 33.6 0.0
BRNJ	comp=Z,148nm,1.3s				
BRNJ	comp=Z,20um,20.0s		I AMs_20	I AMs_20	06 05 27.1
FNO	Franklin	61.26 335	P	P	05 36 28.9 +0.3
VNA3	Neumayer Olymp	61.27 161	P	P	05 36 29.5 +1.2
N61A	South Mountain	61.28 357	P	P	05 36 29.1 +0.5
O54A	Avella	61.30 351	P	P	05 36 28.6 -0.2
O54A	Avella	61.30 351	P	P	05 36 28.8 0.0
CPNY	Central Park	61.31 357	I Amb	I Amb	05 36 31.1
CPNY	comp=Z,239nm,1.5s				
CPNY	I AMs_20	I AMs_20			06 02 59.2
P50A	Jamestown	61.31 348	P	P	05 36 28.0 -0.8
SHEL	Horse Pasture	61.34 97	I AMs_20	I AMs_20	06 00 32.0
WMOK	Wichita Mounta	61.36 334	P	P	05 36 28.4 -0.9
WMOK	comp=Z,29nm,1.4s		pmax	pmax	
WMOK	Wichita Mounta	61.36 334	P	P	05 36 28.9 -0.4
WMOK	Wichita Mounta	61.36 334	P	P	05 36 28.4 -0.9
OKCFA	Oklahoma City	61.41 335	I Amb	I Amb	05 36 29.5 -0.1
OKCFA	comp=Z,120nm,1.4s				
P49A	Miami Univ.	61.42 348	P	P	05 36 28.5 -1.0
OLIL	Olney	61.42 344	P	P	05 36 28.1 -1.5
OLIL	comp=Z,184nm,1.5s				
N62A	Caumsett State	61.42 357	P	P	05 36 29.9 +0.4
N63A	Mattituck	61.45 358	P	P	05 36 30.8 +1.1
N60A	Cedar Hill Far	61.45 356	P	P	05 36 30.2 +0.5
SSPA	Standing Stone	61.45 354	P	P	05 36 30.5 +0.8
SSPA	Standing Stone	61.45 354	P	P	05 36 30.1 +0.3
SSPA	Standing Stone	61.45 354	P	P	05 36 35.2
SSPA	Standing Stone	61.45 354	I AMs_20	I AMs_20	06 03 56.8
BLO	Bloomington	61.46 346	P	P	05 36 28.9 -0.9
BLO	comp=Z,134nm,1.4s		pmax	pmax	
BLO	Bloomington	61.46 346	P	P	05 36 28.9 -0.9
BLO	comp=Z,20um,20.0s		MLR	MLR	
BLO	Bloomington	61.46 346	P	P	05 36 30.9 -0.9
BLO	comp=Z,134nm,1.4s				
O52A	Adamsville	61.46 350	P	P	05 36 29.4 -0.4
O52A	Adamsville	61.46 350	P	P	05 36 29.6 -0.3
O52A	Adamsville	61.46 350	I Amb	I Amb	05 36 31.4
P48A	Milroy	61.49 347	P	P	05 36 29.0 -1.0
P48A	Milroy	61.49 347	P	P	05 36 28.9 -1.2
O53A	New Philadelphia	61.49 351	P	P	05 36 30.1 +0.1
VNA1	Neumayer-Stat	61.50 160	P	P	05 36 30.6 +0.9
PAL	Palisades	61.52 357	P	P	05 36 30.2 0.0
PAL	comp=Z,102nm,1.3s		pmax	pmax	
PAL	Palisades	61.52 357	P	P	05 36 30.6 +0.4
PAL	Palisades	61.52 357	P	P	05 36 30.2 0.0
PAL	comp=Z,102nm,1.2s				
PAL	I AMs_20	I AMs_20			06 03 15.8
N57A	Milroy	61.53 354	P	P	05 36 30.7 +0.3
N58A	Sunbury	61.54 355	P	P	05 36 31.2 +0.8
N58A	Sunbury	61.54 355	P	P	05 36 31.0 +0.7
N59A	State Game Lan	61.54 355	P	P	05 36 30.7 +0.3
N59A	State Game Lan	61.54 355	P	P	05 36 30.8 +0.3
N59A	State Game Lan	61.54 355	I Amb	I Amb	05 36 33.3
O51A	Pataskala	61.62 350	P	P	05 36 30.1 -0.8
ODNJ	Ogdensburg	61.63 357	P	P	05 36 31.4 +0.5
ODNJ	comp=Z,178nm,1.5s				
ODNJ	I AMs_20	I AMs_20			06 05 49.7
CCM	Cathedral Cave	61.65 342	P	P	05 36 30.9 -0.2
CCM	comp=Z,178nm,1.4s		pmax	pmax	
CCM	Cathedral Cave	61.65 342	P	P	05 36 30.8 -0.4
CCM	Cathedral Cave	61.65 342	P	P	05 36 30.9 -0.2
CCM	Cathedral Cave	61.65 342	I Amb	I Amb	05 36 32.6
M66A	Nantucket	61.69 0	P	P	05 36 31.7 +0.4
N55A	Marion Center	61.72 353	P	P	05 36 32.1 +0.5
ACSO	Alum Creek Sta	61.76 349	P	P	05 36 31.4 -0.5
ACSO	Alum Creek Sta	61.76 349	P	P	05 36 31.4 -0.5
ACSO	Alum Creek Sta	61.76 349	I Amb	I Amb	05 36 33.2
N56A	West Decatur	61.77 353	P	P	05 36 32.4 +0.4
YLE	Yale	61.79 358	P	P	05 36 33.0 +1.1
O50A	Cable	61.80 349	P	P	05 36 31.2 -0.9
M61A	Granite Spring	61.81 357	P	P	05 36 32.4 +0.3
Q44A	Meyer Farm, Va	61.81 344	P	P	05 36 31.4 -0.9
Q44A	comp=Z,206nm,1.4s				
M63A	Gales Ferry	61.85 359	P	P	05 36 33.0 +0.6
VNA2	Neumayer-Watz	61.86 161	P	P	05 36 33.3 +1.1
M60A	Port Jervis	61.87 357	P	P	05 36 33.0 +0.4
SLM	Saint Louis	61.89 343	P	P	05 36 32.4 -0.4
SLM	comp=Z,98nm,1.5s		pmax	pmax	
SLM	Saint Louis	61.89 343	P	P	05 36 32.4 -0.4
SLM	Saint Louis	61.89 343	I Amb	I Amb	05 36 44.9
M62A	Hamden	61.91 358	P	P	05 36 33.1 +0.3
MNTX	Cornudas Mount	61.93 327	P	P	05 36 33.1 -0.2
MNTX	Cornudas Mount	61.93 327	P	P	05 36 33.0 -0.2
S39A	Bolivar	61.96 340	I Amb	I Amb	05 36 32.5 -0.7
S39A	comp=Z,224nm,1.4s				
O49A	Covington	61.97 348	P	P	05 36 32.2 -1.1
O49A	Covington	61.97 348	P	P	05 36 32.4 -0.9
O49A	Covington	61.97 348	I Amb	I Amb	05 36 34.4
N53A	Lisbon	61.98 351	P	P	05 36 33.4 +0.1
N53A	Lisbon	61.98 351	P	P	05 36 33.0 -0.3
N53A	Lisbon	61.98 351	I Amb	I Amb	05 36 50.9
N53A	comp=Z,78nm,1.1s				
N53A	I AMs_20	I AMs_20			06 04 09.9
M64A	Tiverton	61.98 359	P	P	05 36 33.6 +0.3
M65A	Busby, Falmout	61.99 360	P	P	05 36 33.3 +0.4

N54A	Moraine State	62.02 352	P	P	05 36 34.1 +0.5
N54A	Moraine State	62.02 352	P	P	05 36 34.4 +0.7
P46A	Rosedale	62.04 345	I Amb	I Amb	05 36 33.1 -0.6
P46A	comp=Z,69nm,0.9s				
P46A	I AMs_20	I AMs_20			06 08 05.3
M58A	Price's Panora	62.05 355	P	P	05 36 34.8 +1.0
M57A	Sunshine Farm	62.07 354	P	P	05 36 34.9 +1.0
M57A	Sunshine Farm	62.07 354	P	P	05 36 34.9 +1.0
N52A	McGinn's Farm	62.12 350	P	P	05 36 34.0 -0.3
M59A	Waymart	62.14 356	P	P	05 36 35.1 +0.7
R40A	Maddies State	62.17 341	P	P	05 36 34.3 -0.4
R40A	comp=Z,214nm,1.4s				
KSPA	Keystone College	62.18 356	P	P	05 36 35.4 +0.8
KSPA	comp=Z,126nm,1.4s				
O48A	Farmland	62.20 347	P	P	05 36 34.2 -0.7
KSCST	Kent School, K	62.22 358	P	P	05 36 34.8 -0.1
L63A	North Scituate	62.20 359	P	P	05 36 35.9 +0.5
N50A	Nevada	62.32 349	P	P	05 36 35.2 -0.4
M56A	Emporium	62.32 354	P	P	05 36 36.0 +0.4
M56A	Emporium	62.32 354	P	P	05 36 36.0 +0.4
N51A	Ashland	62.33 350	P	P	05 36 35.2 -0.6
N51A	Ashland	62.33 350	P	P	05 36 35.1 -0.6
N51A	Ashland	62.33 350	I Amb	I Amb	05 36 37.0
BRVW	Bryant College	62.36 359	P	P	05 36 36.5 +0.7
L64A	Middleborough	62.37 360	P	P	05 36 35.9 +0.1
M55A	Ridgway	62.37 353	P	P	05 36 36.4 +0.4
M55A	Ridgway	62.37 353	P	P	05 36 36.3 +0.4
T35A	Sooner Cattle	62.37 337	I Amb	I Amb	05 36 36.2 +0.2
T35A	comp=Z,214nm,1.4s				
L65A	Cape Cod Natio	62.46 0	P	P	05 36 37.6 +1.1
M56A	Muleshoe	62.48 330	P	P	05 36 36.5 -0.4
M56A	Muleshoe	62.48 330	P	P	05 36 36.9 -0.1
M56A	Muleshoe	62.48 330	I Amb	I Amb	05 36 50.6
L62A	Suffield	62.49 358	P	P	05 36 37.3 +0.6
L60A	Shokan	62.51 357	P	P	05 36 37.6 +0.7
M54A	Oil Creek Stat	62.52 352	P	P	05 36 37.0 +0.1
M54A	Oil Creek Stat	62.52 352	P	P	05 36 37.3 +0.4
SRIG	Santa Rosalia	62.55 318	I Amb	I Amb	05 36 38.2 +0.7
M53A	WI Miles and	62.58 351	P	P	05 36 37.1 -0.3
P43A	Skaggs, Pawnee	62.64 344	P	P	05 36 37.1 -0.7
N49A	Columbus Grove	62.65 348	P	P	05 36 37.1 -0.8
N49A	Columbus Grove	62.65 348	P	P	05 36 37.4 -0.4
N48A	Harry Jones Me	62.67 356	P	P	05 36 38.7 +0.8
L61A	Hillsdale 1, H	62.69 357	P	P	05 36 38.6 +0.6
M51A	Clyria	62.70 350	P	P	05 36 37.3 -0.8
L57A	Andrews Acres	62.70 355	P	P	05 36 38.1 0.0
ALLY	Alteney Colle	62.72 352	P	P	05 36 38.1 -0.1
QUA2	Belchertown	62.73 358	I Amb	I Amb	05 36 38.2 -0.1
QUA2	comp=Z,219nm,1.5s				
AMTX	Amarillo	62.74 331	P	P	05 36 38.6 0.0
AMTX	Amarillo	62.74 331	P	P	05 36 38.8 +0.2
SFIN	Lafayette	62.74 346	P	P	05 36 37.1 -1.3
SFIN	Lafayette	62.74 346	I Amb	I Amb	05 36 37.0 -1.4
SFIN	comp=Z,174nm,1.4s				
SFIN	I AMs_20	I AMs_20			06 08 05.8
N48A	Deatur	62.76 348	P	P	05 36 37.6 -0.9
N48A	Deatur	62.76 348	P	P	05 36 39.2 +0.6
L59A	Walton	62.76 356	P	P	05 36 39.4 +0.8
L59A	Walton	62.76 356	I AMs_20	I AMs_20	06 03 36.6
BCX	Boston College	62.77 359	P	P	05 36 39.5 +1.0
BCX	comp=Z,118nm,1.3s				
M52A	Chesterland	62.78 351	P	P	05 36 38.6 -0.1
M52A	Chesterland	62.78 351	P	P	05 36 38.5 -0.1
M52A	Chesterland	62.78 351	I Amb	I Amb	05 36 40.4
M52A	comp=Z,208nm,1.4s				
M52A	comp=Z,20um,21.0s				
WES	Weston	62.82 359	P	P	05 36 39.5 +0.6
WES	comp=Z,207nm,1.4s				
WES	Weston	62.82 359	P	P	05 36 39.5 +0.6
WES	Weston	62.82 359	I Amb	I Amb	05 36 41.5
BINY	Binghamton	62.83 355	P	P	05 36 39.7 +0.7
BINY	Binghamton	62.83 355	P	P	05 36 39.8 +0.8
BINY	Binghamton	62.83 355	I AMs_20	I AMs_20	06 06 50.5
O44A	Mansfield	62.85 345	P	P	05 36 38.1 -1.0
O44A	comp=Z,155nm,1.4s				
U32A	Winter Ranch	62.87 334	P	P	05 36 39.6 +0.1
U32A	comp=Z,190nm,1.4s				
L56A	Greenwood	62.90 354	P	P	05 36 40.3 +0.7
L56A	Greenwood	62.90 354	P	P	05 36 39.7 +0.

K48A	baz=178,SNR=38	64.46	349	P	P	05	36	49.1	-0.6
163A	baz=166,SNR=15	64.48	360	P	P	05	36	50.8	+1.0
163A	baz=181,SNR=15	64.48	360	P	I	05	36	50.8	+1.0
163A	comp=Z,92nm,1.1s								
163A	comp=Z,16um,20.0s								
NCB	Newcomb	64.49	357	P	I	05	36	50.7	+0.8
NCB									
K47A	comp=Z,129nm,1.4s	64.50	348	P	P	05	36	49.1	-0.9
Vermont	baz=165,SNR=13	64.53	336	P	P	05	36	50.4	+0.1
R32A	Long Quarter,								
R32A									
157A	comp=Z,161nm,1.4s	64.54	356	P	P	05	36	50.8	+0.6
Carthage	baz=175,SNR=16	64.59	327	P	P	05	36	52.3	+1.3
Y22D	IRIS PASSCAL 1								
PECO	Prince Edward	64.64	355	P	I	05	36	50.8	0.0
PECO									
L44A	comp=Z,120nm,1.2s	64.64	346	P	P	05	36	50.0	-0.9
L44A	Lake County Fo								
L44A	baz=162	64.64	346	P	I	05	36	50.3	-0.6
L44A	Lake County Fo								
L44A	comp=Z,166nm,1.3s								
K46A	comp=Z,20um,18.0s	64.67	348	P	P	05	36	50.0	-1.1
Dorr	baz=164,SNR=9.4	64.68	359	P	P	05	36	52.3	+1.1
LBNH	Lisbon								
LBNH									
LBNH	comp=Z,130nm,1.2s	64.68	359	P	P	05	36	52.1	+0.9
LBNH	Lisbon								
LBNH									
138A	comp=Z,130nm,1.1s	64.76	341	P	P	05	36	51.1	-0.7
153A	Joos South For								
153A	Kortright Cn E	64.79	353	P	P	05	36	52.0	+0.1
153A									
VT1	Waterbury	64.79	358	P	I	05	36	52.8	+0.9
VT1									
J49A	comp=Z,113nm,1.5s	64.83	350	P	P	05	36	51.3	-0.8
J49A	Marlette								
J48A	baz=167,SNR=16	64.88	349	P	P	05	36	51.7	-0.7
J48A	Bridge Port								
L42A	baz=166,SNR=26	64.88	349	P	P	05	36	51.8	-0.7
L42A	Bridge Port								
L42A	Oliver, Polo	64.90	344	P	I	05	36	51.7	-0.9
L42A									
H58A	comp=Z,153nm,1.4s	64.93	357	P	P	05	36	53.4	+0.5
H58A	Gabriels								
H58A									
H58A	baz=176,SNR=35	64.95	352	P	P	05	36	52.8	-0.2
H58A	Listowel								
H61A	baz=169,SNR=38	64.98	359	P	P	05	36	54.1	+1.0
H61A	Lyndonville								
H61A									
H61A	baz=179,SNR=25	64.98	359	P	P	05	36	54.1	+1.0
H61A	Lyndonville								
I55A	Frankford	64.98	354	P	P	05	36	53.2	+0.1
I55A									
WV1	Waterville	65.00	1	P	I	05	36	52.6	-0.6
WV1									
WV1	comp=Z,77nm,1.1s								
WV1									
H62A	comp=Z,15um,19.0s	65.01	360	P	P	05	36	54.5	+1.3
H62A	Milan								
H62A	baz=179,SNR=9.4	65.01	360	P	I	05	36	53.9	+0.6
H62A	Milan								
H62A									
J47A	comp=Z,77nm,1.1s	65.01	349	P	P	05	36	52.3	-1.0
J47A	Summer								
J47A	baz=165,SNR=16	65.01	349	P	P	05	36	52.9	-0.4
J47A	Summer								
H57A	Morristown	65.02	358	P	P	05	36	54.3	+0.9
H57A	baz=171,SNR=15	65.04	356	P	P	05	36	54.0	+0.5
H57A	Richville								
H57A									
H57A	baz=175,SNR=31	65.05	328	P	P	05	36	54.8	+0.8
H57A	Albuquerque								
ANMO	comp=Z,7.9nm,0.8s,slow=8.2,SNR=9.1	65.05	328	P	P	05	36	55.3	+1.3
ANMO	Albuquerque								
ANMO									
ANMO	comp=Z,232nm,2.7s	65.05	328	P	P	05	36	55.3	+1.3
ANMO	Albuquerque								
ANMO									
ANMO	baz=143	65.05	328	P	P	05	36	55.0	+1.0
ANMO	Albuquerque								
H64A	Troy	65.08	1	P	P	05	36	54.8	+1.1
H64A									
H63A	baz=181,SNR=16	65.09	0	P	P	05	36	55.2	+1.4
H63A	New Sharon								
H63A									
H63A	baz=180,SNR=27	65.10	352	P	P	05	36	54.1	+0.2
H63A	Shelburne								
H63A									
H59A	Cadyville	65.14	358	P	P	05	36	55.1	+0.9
H59A									
H59A	baz=177,SNR=36	65.15	357	P	P	05	36	55.1	+0.9
H59A	Lake Ozonia								
H59A									
H59A	baz=176,SNR=17	65.15	357	P	P	05	36	54.6	+0.4
H59A	Lake Ozonia								
H59A									
H59A	comp=Z,130nm,1.4s								
H59A	Lake Ozonia								
H59A									
H59A	comp=Z,20um,20.0s	65.16	2	P	P	05	36	55.3	+1.1
H59A	Eastbrook								
H59A									
H59A	baz=182,SNR=13	65.20	2	P	I	05	36	55.5	+1.0
H59A	East Machias								
H59A									
H59A	comp=Z,252nm,1.5s								
H59A	East Machias								
H59A									
H56A	comp=Z,15um,19.0s	65.23	356	P	P	05	36	55.2	+0.5
H56A	Elgin								
H56A	baz=174,SNR=20	65.23	346	P	P	05	36	54.0	-0.7
H56A	Burlington								
H56A									
H56A	baz=173,SNR=22	65.26	355	P	P	05	36	55.1	+0.1
H56A	Tweed								
H56A									
CBK5	Cedar Bluff	65.27	335	P	P	05	36	55.7	+0.5
CBK5									
CBK5	comp=Z,248nm,1.5s	65.27	335	P	P	05	36	55.7	+0.5
CBK5	Cedar Bluff								
CBK5									
CBK5	baz=150,SNR=13	65.27	335	P	I	05	36	55.7	+0.5
CBK5	Cedar Bluff								
CBK5									
CBK5	comp=Z,248nm,1.4s	65.27	354	P	I	05	36	54.7	-0.3
CBK5	Deloro Mine								
CBK5									
DELO	DELO	65.27	354	P	I	05	36	54.7	-0.3
DELO									
DELO	comp=Z,110nm,1.4s								
DELO									
H66A	comp=Z,17um,22.0s	65.28	3	P	P	05	36	55.4	+0.4
H66A	Whiting								
H66A									
H66A	baz=183,SNR=15	65.32	323	P	P	05	36	56.6	+0.9
H66A	Tucson								
H66A									
H66A	comp=Z,53nm,1.4s	65.32	323	P	P	05	36	56.8	+1.1
H66A	Tucson								
H66A									
H66A	baz=138	65.32	323	P	P	05	36	56.6	+0.9
H66A	Tucson								
H66A									
H66A	FRNY	65.32	358	P	P	05	36	56.2	+0.9
H66A	Flat Rock								
H66A									
H66A	Point Hope	65.35	350	P	P	05	36	54.7	-0.8
H66A	baz=167,SNR=16	65.35	350	P	P	05	36	54.7	-0.8
H66A	Point Hope								
H66A									
H66A	comp=Z,197nm,1.2s								
H66A									
L40A	comp=Z,22um,20.0s	65.36	343	P	P	05	36	55.0	-0.6
L40A	Anamosa								
L40A									
HAL	Halifax	65.38	5	P	P	05	36	56.2	+0.6
HAL									
HAL	comp=Z,306nm,1.3s	65.38	5	P	P	05			

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Table with columns: BMO, Blue Mountains, 77.97 328, P, Pmax, 05 38 12.7 +1.0, etc. Includes stations like Blue Mountains, Trinity Center, Macdoel, Mail Ridge, etc.

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Table with columns: PNCL, Nicolau / Gran, 82.53 45 eP, P, 05 38 37.0 +0.8, etc. Includes stations like Marlborough, Castro Verde, Vaqueiros, etc.

3d 5h

Table with columns: MATP, Matopo, 90.90 112 i P, P, 05 39 05.1 -1.3, etc. Includes stations like Dublin, Kahuku, Lusaka, etc.

3D 5h

MOA	Moosalm	99.54	43	i	Pdiff	Pdif	05 39 57.1	+0.4
SQTA	Sankt Quirin	99.56	43	i	Pdiff	Pdif	05 39 57.2	+0.5
A36M	Sachs	99.59	345		Pdiff	Pdif	05 39 56.8	+0.8
INTR	Introducaqua	99.63	49	IAMS_20	IAMS_20		06 26 03.9	
DAWY	Dawson	99.66	335	IAMS_20	IAMS_20		06 25 39.4	
INK	Inuvik	99.72	340	P	Pdif	Pdif	05 39 56.6	-0.1
INK	Inuvik	99.72	340	IAMS_20	IAMS_20		06 24 51.9	
CRQM	Cirque	99.75	332	IAMS_20	IAMS_20		06 28 16.1	
EPYK	Eagle Plains	99.78	338	Pdiff	Pdif	Pdif	05 39 56.5	-0.6
EPYK	Eagle Plains	99.78	338	IAMS_20	IAMS_20		06 29 02.6	
WATA	Waideralm	99.84	43	i	Pdiff	Pdif	05 39 58.5	+0.6
WTTA	Wattenberg	99.85	43	i	Pdiff	Pdif	05 39 58.7	+0.6
WTTA	Wattenberg	99.85	43	P	PP	PP	05 43 58.2	-5.0
CEL	Celeste	99.87	53	IAMS_20	IAMS_20		06 24 16.3	
STAL	STALIGAL	100.21	44	IAMS_20	IAMS_20		06 21 29.1	
ABTA	Abfaltersbach	100.25	44	i	Pdiff	Pdif	05 40 00.1	+0.4
GRA1	Grabenberg Arr	100.41	41	IAMS_20	IAMS_20		06 21 16.1	
GRF	Grabenberg Arr	100.41	41	e	Pdiff	Pdif	05 39 59.8	-0.5
GRF	Grabenberg Arr	100.41	41	e	PP	PP	05 43 59.7	-7.5
GRF	Grabenberg Arr	100.41	41	e	L	L	06 21 16.5	
EGAK	Eagle	100.67	336	IAMS_20	IAMS_20		06 31 44.0	
TRI	Trieste	100.73	45	IAMS_20	IAMS_20		06 24 32.8	
EYAK	Cordova Ski Ar	100.84	331	IAMS_20	IAMS_20		06 30 40.7	
CADS	Cadrg	100.88	45	e	Pdiff	Pdif	05 40 02.7	+0.2
KBA	Koelnbreinsper	100.89	44	i	Pdiff	Pdif	05 40 03.6	+0.9
MYKA	Terra Mystica	100.94	44	i	Pdiff	Pdif	05 40 03.5	+0.7
HIN	Hinchinbrook I	101.13	331	IAMS_20	IAMS_20		06 34 24.1	
NKC	Novy Kostel	101.34	41	AMS	AMS		06 21 40.0	
SCRK	Sand Creek	101.45	334	IAMS_20	IAMS_20		06 26 14.6	
OBKA	Obir	101.50	45	i	Pdiff	Pdif	05 40 06.1	+0.8
BOJS	Bojanci	101.66	46	e	Pdiff	Pdif	05 40 05.9	0.0
BOJS	Bojanci	101.66	46	e	PP	PP	05 44 14.9	-1.8
GERES	GERES Array S	101.68	42	IAMS_20	IAMS_20		05 44 06.1	0.0
GERES	GERES Array B	101.68	42	P	Pdiff	Pdif	05 44 16.5	-0.3
GERES	GERES	101.68	42	P	PP	PP	05 44 16.5	-0.3
KHC	Kasperske Hory	101.69	42	e	Pdiff	Pdif	05 40 07.0	+1.0
KHC	Kasperske Hory	101.69	42	e	AMS	AMS	05 44 12.5	-4.3
KHC	Kasperske Hory	101.69	42	e	AMS	AMS	06 23 30.0	
KHC	Kasperske Hory	101.69	42	e	Pdiff	Pdif	05 40 07.0	+1.0
KHC	Kasperske Hory	101.69	42	e	MLR	MLR	05 44 12.5	
RIDG	Independent Ri	101.70	334	IAMS_20	IAMS_20		06 26 22.3	
MOA	Molin	101.73	43	i	Pdiff	Pdif	05 40 07.2	+1.0
PAF	Port-Baux-Franc	101.98	155	IAMS_20	IAMS_20		06 24 46.4	
CLL	Collin	102.01	40	e	Pdiff	Pdif	05 40 09.0	+1.7
CLL	Collin	102.01	40	e	sPdiff	sPdiff	05 40 19.0	+6.1
CLL	Collin	102.01	40	e	sPdiff	sPdiff	05 44 16.0	-3.1
CLL	Collin	102.01	40	e			05 56 40.0	
CLL	Collin	102.01	40	e	ePKPPKP	ePKPPKP	06 04 35.0	+7.1
CLL	Collin	102.01	40	e	Lmax	Lmax	06 23 00.0	
CLL	Collin	102.01	40	e	MLR	MLR	06 09 00.0	
DAG	Danmarks Havn	102.11	11	P	Pdiff	Pdif	05 40 06.5	-0.7
ARSA	Arzberg	102.36	44	i	Pdiff	Pdif	05 40 10.2	+1.2
KNK	Knik Glacier	102.39	331	IAMS_20	IAMS_20		06 31 06.4	
BRG	Berggiesshubel	102.44	40	e	Pdiff	Pdif	05 40 10.4	+1.1
BRG	Berggiesshubel	102.44	40	e	PP	PP	05 44 17.6	-4.8
BRG	Berggiesshubel	102.44	40	e	ePKKP	ePKKP	05 56 23.9	+4.2
BRG	Berggiesshubel	102.44	40	e	ePKPPKP	ePKPPKP	06 04 31.8	+4.7
BRG	Berggiesshubel	102.44	40	e	P	Pdif	05 40 10.4	+1.1
BRG	Berggiesshubel	102.44	40	e	Pmax	Pmax	05 44 17.6	
BRG	Berggiesshubel	102.44	40	e	Pmax	Pmax	05 44 17.6	
BRG	Berggiesshubel	102.44	40	e	MLR	MLR	05 44 17.6	
BRG	Berggiesshubel	102.44	40	e	MLR	MLR	05 44 17.6	
PRA	Prague	102.50	41	AMS	AMS		06 23 10.0	
PRU	Pruhonice	102.55	41	AMS	AMS		06 23 10.0	
PRP	Porcupine Dome	102.66	336	IAMS_20	IAMS_20		06 30 31.5	
PVCC	Panska Ves	102.72	41	AMS	AMS		06 24 20.0	
PMR	Palmer	102.75	331	IAMS_20	IAMS_20		06 31 17.1	
CONA	Conrad Observa	102.78	43	i	Pdiff	Pdif	05 40 11.0	0.0
HDA	Harding Lake	102.81	334	IAMS_20	IAMS_20		06 30 09.6	
HDA	Harding Lake	102.81	334	IAMS_20	IAMS_20		06 30 09.6	
RC01	Rabbit Creek A	102.86	331	IAMS_20	IAMS_20		06 35 49.1	
ILAR	Eielson Array	102.92	335	P	Pdif	Pdif	05 40 10.9	-0.2
ILAR	Eielson Array	102.92	335	P	PP	PP	05 44 23.7	-1.8
TREC	Trest	102.93	42	AMS	AMS		06 23 20.0	
RND	Reindeer	103.25	333	IAMS_20	IAMS_20		06 31 59.3	
POKR	Poker Plat Res	103.26	335	Pdiff	Pdif	Pdif	05 40 12.5	0.0
WRH	Wood River Hill	103.30	334	IAMS_20	IAMS_20		06 30 43.3	
TCOL	CIGU, UAF Yank	103.34	335	Pdiff	Pdif	Pdif	05 40 12.7	-0.2
MCK	McKinley	103.39	333	IAMS_20	IAMS_20		06 36 23.3	
KRUC	Moravsky	103.44	42	e	Pdiff	Pdif	05 40 13.3	-0.4
KRUC	Moravsky	103.44	42	e	PP	PP	05 44 26.3	-3.6
SUA	Susitna One	103.44	331	IAMS_20	IAMS_20		06 31 40.5	
PDG	Podgorica	103.55	50	P	Pdiff	Pdif	05 44 28.4	-4.6
UPC	Ulice	103.60	41	AMS	AMS		06 24 40.0	
VRAC	Vranov	103.63	42	e	Pdiff	Pdif	05 40 14.5	-0.1

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VRAC	Chvalec	103.65	41	e	AMS	AMS	05 44 27.5	-3.8
TIR	Tirane	103.70	51	IAMS_20	IAMS_20		06 28 53.5	
NEA	Nenana	103.73	334	IAMS_20	IAMS_20		06 34 04.1	
OSTC	Ostas	103.74	41	AMS	AMS		06 24 40.0	
DPC	Dobruska-Polom	103.75	41	e	Pdiff	Pdif	05 40 16.8	+1.7
DPC	Dobruska-Polom	103.75	41	e	MLR	MLR	05 40 16.8	+1.7
BWN	Browne	103.76	334	IAMS_20	IAMS_20		06 33 32.8	
MODS	Modra-Piesok	103.81	43	e	PP	PP	05 44 28.5	-4.8
KSP	Ksiaz	103.86	41	e	ePKIKP	ePKIKP	05 44 30.7	-2.6
KSP	Ksiaz	103.86	41	e	eL	eL	05 44 55.0	
TRF	Thorafore Moun	103.87	333	IAMS_20	IAMS_20		06 32 22.8	
KRLC	Kraliky	103.96	42	e	ePDIFF	ePDIFF	05 40 17.9	+1.8
KRLC	Kraliky	103.96	42	e	AMS	AMS	06 24 10.0	
KRLC	Kraliky	103.96	42	e	P	Pdiff	05 40 17.9	+1.8
KRLC	Kraliky	103.96	42	e	MLR	MLR	05 40 17.9	+1.8
NOA	NORSAR Array B	104.03	30	Pdiff	Pdif	Pdif	05 40 16.3	+0.2
KTH	Kantishna Hill	104.18	333	IAMS_20	IAMS_20		06 32 58.8	
JAVC	Velka Javorina	104.19	43	e	PDIFF	Pdif	05 40 17.4	+0.2
MORC	Moravsky Berou	104.35	42	IAMS_20	IAMS_20		06 24 39.4	
MORC	Moravsky Berou	104.35	42	e	PP	PP	05 44 33.3	-1.0
YVHS	Ytlik Lake Re	104.63	42	e	PP	PP	05 44 36.7	+1.5
TOLK	Tollik Lake Re	105.22	338	IAMS_20	IAMS_20		06 28 49.2	
PSZ	Piszkesteto	105.39	44	P	Pdiff	Pdif	05 44 36.6	+0.3
PSZ	Piszkesteto	105.39	44	IAMS_20	IAMS_20		06 26 21.0	
IDI	Anoyia	105.56	58	P	Pdiff	Pdif	05 44 45.1	+7.3
IDI	Anoyia	105.56	58	IAMS_20	IAMS_20		06 28 30.9	
BZS	Buzias	106.00	47	P	Pdiff	Pdif	05 44 44.2	+6.8
VTS	Vitosia	106.45	50	IAMS_20	IAMS_20		06 32 53.3	
SANT	Santorini	106.67	57	IAMS_20	IAMS_20		06 32 31.2	
GBZO	Gura Zlata	106.74	47	P	Pdiff	Pdif	05 44 42.6	+3.7
ABPR	Abrahambanon	107.36	119	IAMS_20	IAMS_20		06 25 04.6	
KWP	Kalwaria Pacia	107.58	43	IAMS_20	IAMS_20		06 28 49.9	
TAU	Tasmania Unive	107.69	208	IAMS_20	IAMS_20		06 18 35.9	
KARP	Karpathos	107.83	58	IAMS_20	IAMS_20		06 30 26.3	
VOIR	Voer	108.32	48	P	PP	PP	05 45 04.4	-1.7
DOPR	Dopca	108.65	47	P	Pdiff	Pdif	05 44 43.6	+1.2
SUW	Suwalki	108.67	38	e	ePKIKP	ePKIKP	05 44 42.2	+0.2
SUW	Suwalki	108.67	38	e	AMS	AMS	05 41 06.4	
MLR	Muntele Rosu	108.95	48	P	PP	PP	05 45 11.4	+0.6
MLR	Muntele Rosu	108.95	48	IAMS_20	IAMS_20		06 32 13.3	
PLOR	Plostina	109.50	47	P	PP	PP	05 45 13.9	-0.8

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 Sizzle, Elevation Sizzle, Azimuth Tinkle, Elevation Tinkle, Azimuth Jingle, Elevation Jingle, Azimuth Chime, Elevation Chime, Azimuth Bells, Elevation Bells, Azimuth Gong, Elevation Gong, Azimuth Cymbal, Elevation Cymbal, Azimuth Drum, Elevation Drum, Azimuth Bass, Elevation Bass, Azimuth Snare, Elevation Snare, Azimuth Tom, Elevation Tom, Azimuth Conga, Elevation Conga, Azimuth Bongo, Elevation Bongo, Azimuth Maraca, Elevation Maraca, Azimuth Guajiro, Elevation Guajiro, Azimuth Clave, Elevation Clave, Azimuth Conga, Elevation Conga, Azimuth Bongo, Elevation Bongo, Azimuth Maraca, Elevation Maraca, Azimuth Guajiro, Elevation Guajiro, Azimuth Clave, Elevation Clave.

IDC 03 05:28:49.0, 0.8, 20.70S:70.50W, h0km, mb5.2/6, mb1 5.3/8, mb1mx4.6/44, mbtmp5.3/8, ML5.1/2, Error ellipse: s-maj=26.8km s-min=21.5km az=52.0
NEIC 03 05:28:50.9, 1.0, 20.81S:0.01:70.61W, 0.04, h1km, 1km, ML4.7(GUC), Error ellipse: s-maj=6.6km s-min=2.7km az=80.0
GUC 03 05:28:53.7, 0.4, 20.83S:70.60W, h10km, 2km, ML4.8
ISC 03 05:28:50.4, 1.3, 20.83S:0.02:70.58W, 0.05, h11km, 8km, n81, r1911/89, mb5.6/9, 2C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth 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 Sizzle, Elevation Sizzle, Azimuth Tinkle, Elevation Tinkle, Azimuth Jingle, Elevation Jingle, Azimuth Chime, Elevation Chime, Azimuth Bells, Elevation Bells, Azimuth Gong, Elevation Gong, Azimuth Cymbal, Elevation Cymbal, Azimuth Drum, Elevation Drum, Azimuth Bass, Elevation Bass, Azimuth Snare, Elevation Snare, Azimuth Tom, Elevation Tom, Azimuth Conga, Elevation Conga, Azimuth Bongo, Elevation Bongo, Azimuth Maraca, Elevation Maraca, Azimuth Guajiro, Elevation Guajiro, Azimuth Clave, Elevation Clave.

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 Sizzle, Elevation Sizzle, Azimuth Tinkle, Elevation Tinkle, Azimuth Jingle, Elevation Jingle, Azimuth Chime, Elevation Chime, Azimuth Bells, Elevation Bells, Azimuth Gong, Elevation Gong, Azimuth Cymbal, Elevation Cymbal, Azimuth Drum, Elevation Drum, Azimuth Bass, Elevation Bass, Azimuth Snare, Elevation Snare, Azimuth Tom, Elevation Tom, Azimuth Conga, Elevation Conga, Azimuth Bongo, Elevation Bongo, Azimuth Maraca, Elevation Maraca, Azimuth Guajiro, Elevation Guajiro, Azimuth Clave, Elevation Clave.

SJA 03 05:34:25.0, 2.0, 20.42S:70.99W, h5km, 10km, ML4.5, MW4.2
IDC 03 05:34:29.0, 0.7, 20.30S:70.51W, h0km, mb4.6/15, mb1 4.7/17, mb1mx4.4/43, mbtmp4.6/17, ML4.6/2, Error ellipse: s-maj=21.7km s-min=16.5km az=46.0
NEIC 03 05:34:31.6, 1.6, 20.45S:0.04:70.55W, 0.07, h19km, 3km, mb5.0/71, ML4.6(GUC), Error ellipse: s-maj=9.5km s-min=5.0km az=79.0
GUC 03 05:34:33.0, 0.7, 20.47S:70.57W, h20km, 5km, ML4.6
ISC 03 05:34:29.9, 1.0, 20.10S:0.02:70.65W, 0.04, h9km, 6km, n356, r1814/370, mb4.9/44, 3C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth 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 Sizzle, Elevation Sizzle, Azimuth Tinkle, Elevation Tinkle, Azimuth Jingle, Elevation Jingle, Azimuth Chime, Elevation Chime, Azimuth Bells, Elevation Bells, Azimuth Gong, Elevation Gong, Azimuth Cymbal, Elevation Cymbal, Azimuth Drum, Elevation Drum, Azimuth Bass, Elevation Bass, Azimuth Snare, Elevation Snare, Azimuth Tom, Elevation Tom, Azimuth Conga, Elevation Conga, Azimuth Bongo, Elevation Bongo, Azimuth Maraca, Elevation Maraca, Azimuth Guajiro, Elevation Guajiro, Azimuth Clave, Elevation Clave.

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 Sizzle, Elevation Sizzle, Azimuth Tinkle, Elevation Tinkle, Azimuth Jingle, Elevation Jingle, Azimuth Chime, Elevation Chime, Azimuth Bells, Elevation Bells, Azimuth Gong, Elevation Gong, Azimuth Cymbal, Elevation Cymbal, Azimuth Drum, Elevation Drum, Azimuth Bass, Elevation Bass, Azimuth Snare, Elevation Snare, Azimuth Tom, Elevation Tom, Azimuth Conga, Elevation Conga, Azimuth Bongo, Elevation Bongo, Azimuth Maraca, Elevation Maraca, Azimuth Guajiro, Elevation Guajiro, Azimuth Clave, Elevation Clave.

239	S55A Lewisburg baz=169	58.64 351	P	P	05 44 28.3 +0.8
R59A King George, V	58.65 354	P	P	05 44 28.3 +0.9	
T50A Nancy	58.70 347	P	P	05 44 28.1 +0.2	
R58A Rapidan	58.84 353	P	P	05 44 29.9 +1.1	
TX32 Lajitas Array	58.84 326	P	P	05 44 30.4 +1.3	
TXAR Lajitas Array	58.84 326	P	P	05 44 29.6 +0.5	
TXAR Lajitas Array	58.84 326	P	P	05 44 30.3 +1.1	
MIAR Mount Ida	58.87 338	P	P	05 44 29.3 +0.2	
MIAR Mount Ida	58.87 338	P	P	05 44 30.0 +0.9	
R57A Standardsville	58.90 353	P	P	05 44 30.6 +1.4	
T49A Edmonton	58.94 346	P	P	05 44 29.4 -0.1	
W41B Gary Mavity, V	58.99 339	P	P	05 44 30.4 +0.5	
R55A Marlinton	59.09 351	P	P	05 44 32.4 +1.8	
R54A Victor	59.12 351	P	P	05 44 31.4 +0.7	
S50A Richmond	59.24 347	P	P	05 44 32.0 +0.4	
LCAR Lake Charles	59.46 341	P	P	05 44 33.1 -0.1	
W39A Magazine	59.51 338	P	P	05 44 35.0 +1.4	
W39A Magazine	59.53 338	I	Amb	05 44 34.1 +0.5	
W39A Magazine	59.53 338	I	Amb	05 44 35.5	
ABTX Abilene, Hawle	59.61 332	P	P	05 44 35.8 +1.5	
Q57A Strasburg	59.61 353	P	P	05 44 35.7 +1.5	
T45A Paducah	59.62 343	P	P	05 44 33.3 -0.9	
Q56A Snyder Ridge,	59.71 352	P	P	05 44 36.3 +1.5	
Q56A Snyder Ridge,	59.71 352	I	Amb	05 44 34.8 -0.1	
Q56A Snyder Ridge,	59.71 352	I	Amb	05 44 37.5	
Q55A Buckhannon	59.78 352	P	P	05 44 37.1 +1.7	
R50A Paris	59.81 348	P	P	05 44 35.4 -0.1	
Q53A Leroy	59.86 350	P	P	05 44 35.8 -0.1	
Q54A Coxs Mills	59.88 351	P	P	05 44 35.7 -0.3	
PBMO Poplar Bluff	59.90 342	I	Amb	05 44 36.1 -0.1	
PBMO Poplar Bluff	59.90 342	I	Amb	05 44 36.7	
P58A Pank, Wackersv	59.94 354	P	P	05 44 37.9 +1.6	
P59A Jarrettsville	59.98 355	P	P	05 44 38.2 +1.6	
P57A Homestead Farm	60.01 353	P	P	05 44 38.5 +1.7	
P57A Homestead Farm	60.01 353	P	P	05 44 36.8 0.0	
P56A Dayton Farm, R	60.12 353	P	P	05 44 39.0 +1.3	
P55A Reedsville	60.25 352	P	P	05 44 39.1 +0.6	
U40A Yellville	60.27 339	P	P	05 44 39.4 +0.3	
U40A Yellville	60.27 339	I	Amb	05 44 39.0	
U40A Yellville	60.27 339	I	Amb	05 44 39.9	
Q50A Georgetown	60.28 348	P	P	05 44 39.5 +0.7	
Q61A Allentown	60.33 357	P	P	05 44 39.9 +0.9	
Q51A Peebles	60.34 349	P	P	05 44 40.0 +0.8	
MCWV Mont Chateau	60.40 352	P	P	05 44 40.4 +0.9	
S44A Carbondale	60.42 343	I	Amb	05 44 40.0 +0.3	
S44A Carbondale	60.42 343	I	Amb	05 44 41.6	
P54A Burton	60.44 351	P	P	05 44 40.7 +0.9	
P53A Whipple	60.46 350	P	P	05 44 40.8 +0.9	
O58A Lewisberry	60.54 354	P	P	05 44 41.3 +0.9	
X34A Smith Ranch, M	60.54 334	I	Amb	05 44 40.9 +0.3	
X34A Smith Ranch, M	60.54 334	I	Amb	05 44 43.5	
HHAR Hobbs	60.57 338	I	Amb	05 44 41.3 +0.6	
HHAR Hobbs	60.57 338	I	Amb	05 44 42.1	
W35A Tecumseh	60.64 335	P	P	05 44 41.0 -0.2	
P52A Corning	60.72 350	P	P	05 44 41.6 -0.1	
Q48A North Vernon	60.73 347	P	P	05 44 41.6 -0.2	
P51A Williamsport	60.73 349	P	P	05 44 41.7 -0.1	
MGMO Mountain Grove	60.81 340	P	P	05 44 42.6 +0.2	
MGMO Mountain Grove	60.81 340	I	Amb	05 44 42.8	
O56A Glue Knob Stat	60.85 353	P	P	05 44 44.1 +1.5	
O55A Ligonier	60.87 352	P	P	05 44 44.3 +1.5	
TUL1 Leonard	60.90 337	P	P	05 44 43.7 +0.7	
TUL1 Leonard	60.90 337	I	Amb	05 44 43.3 +0.3	
TUL1 Leonard	60.90 337	I	Amb	05 44 44.4	
O54A Avelle	60.99 351	P	P	05 44 43.9 +0.4	
FVM French Village	61.02 342	P	P	05 44 44.0 +0.2	
WMOK Wichita Mounta	61.05 334	P	P	05 44 43.7 -0.4	
P49A Miami Univ. Ec	61.10 348	P	P	05 44 44.3 0.0	
SSPA Standing Stone	61.14 354	P	P	05 44 45.2 +0.7	
N57A Milroy	61.22 354	P	P	05 44 46.3 +1.2	
N58A Sunbury	61.23 355	P	P	05 44 46.4 +1.2	
N55A Marion Center	61.40 353	P	P	05 44 47.1 +0.7	
ACSO Alum Creek Sta	61.45 349	P	P	05 44 47.1 +0.5	
ACSO Alum Creek Sta	61.45 349	I	Amb	05 44 46.8 +0.2	
ACSO Alum Creek Sta	61.45 349	I	Amb	05 44 47.8	
N56A West Decatur	61.46 353	P	P	05 44 47.8 +1.1	
M60A Port Jervis	61.56 357	P	P	05 44 48.5 +1.1	
VNA3 Neumayer Olymp	61.59 161	P	P	05 44 48.2 +0.8	
M62A Hamden	61.61 358	P	P	05 44 48.3 +0.7	
MNTX Cornudas Mount	61.62 326	P	P	05 44 48.1 +0.1	
S39A Bolivar	61.64 340	I	Amb	05 44 47.1 -0.9	
S39A Bolivar	61.64 340	I	Amb	05 44 48.9	
N53A Lisbon	61.67 351	P	P	05 44 49.0 +0.9	
N54A Moraine State	61.70 352	P	P	05 44 49.2 +0.9	
M58A Price's Panora	61.74 355	P	P	05 44 49.7 +1.1	
M57A Sunshine Farm,	61.76 354	P	P	05 44 49.9 +1.2	
VNA1 Neumayer-Stat	61.82 160	P	P	05 44 49.6 +0.8	
M59A Waymart	61.83 356	P	P	05 44 50.2 +1.0	
R40A Maddies Statio	61.85 341	P	P	05 44 49.2 -0.2	
R40A Maddies Statio	61.85 341	I	Amb	05 44 50.0	
L63A North Scituate	62.00 359	P	P	05 44 51.1 +0.8	
N50A Nevada	62.00 349	P	P	05 44 51.0 +0.6	
M56A Emporium	62.01 354	P	P	05 44 51.0 +0.6	
BRYW Bryant College	62.05 359	P	P	05 44 50.7 +0.1	
M55A Ridgway	62.05 353	P	P	05 44 51.4 +0.6	
M55A Ridgway	62.05 353	P	P	05 44 50.9 +0.1	

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MSTX Muleshoe	62.16 330	P	P	05 44 52.6 +0.9
MSTX Muleshoe	62.16 330	P	P	05 44 52.3 +0.5
VNA2 Neumayer-Watz	62.18 161	P	P	05 44 52.4 +1.1
M54A Oil Creek Stat	62.20 352	P	P	05 44 52.3 +0.6
M53A WI Miller and	62.27 351	P	P	05 44 52.9 +0.8
L58A Harry Jones Me	62.36 356	P	P	05 44 53.7 +1.0
SFIN Lafayette	62.42 346	P	P	05 44 52.2 -1.0
L59A Walton	62.45 356	P	P	05 44 54.0 +0.6
M52A Chesterland	62.46 351	P	P	05 44 53.7 +0.3
BINY Binghamton	62.52 356	P	P	05 44 54.7 +0.9
L56A Greenwood	62.59 354	P	P	05 44 55.2 +0.8
L61B Northampton	62.60 358	P	P	05 44 55.0 +0.7
HRV Adam Dzewonsk	62.64 359	P	P	05 44 55.2 +0.7
L53A Girard	62.72 352	P	P	05 44 55.7 +0.5
L55A Hinsdale	62.73 353	P	P	05 44 56.1 +0.8
K61A Williamstown	62.84 358	P	P	05 44 57.0 +1.0
L54A Sinclairville	62.88 353	P	P	05 44 57.2 +1.0
P40A Paris	62.93 342	I	Amb	05 44 56.0 -0.6
P40A Paris	62.93 342	I	Amb	05 44 57.2
WVNY West Valley, N	62.96 353	P	P	05 44 57.5 +0.7
K59A Cooperstown	63.02 357	P	P	05 44 58.1 +1.0
K58A Earlville	63.06 356	P	P	05 44 58.5 +1.1
K57A Scipio Center	63.09 355	P	P	05 44 58.8 +1.2
HDIL Hopedale	63.12 344	P	P	05 44 55.3 -2.5
K54A Basiliko Farm,	63.17 353	P	P	05 44 59.0 +0.9
J60A Lant Hill Farm	63.42 358	P	P	05 45 01.7 +1.9
121A Cookes Peak, D	63.53 325	P	P	05 45 02.5 +1.5
K52A Tillsburg	63.59 352	P	P	05 45 01.7 +0.8
J58A Remsen	63.63 356	P	P	05 45 01.8 +0.7
J56A Wolcott	63.66 355	P	P	05 45 02.0 +0.7
J59A Plesco	63.69 357	P	P	05 45 03.0 +1.4
SNA4 Sanae	63.80 161	P	P	05 45 02.7 +0.6
SNA4 Sanae	63.80 161	I	Amb	05 45 01.7 -0.4
SNA4 Sanae	63.80 161	I	Amb	05 45 03.6
L46A Eue Claire	63.81 347	P	P	05 45 00.7 -1.7
I58A Old Forge	63.94 357	P	P	05 45 03.7 +0.5
I59A Olivedaleville	63.99 357	P	P	05 45 04.4 +0.9
J52A Paris	64.01 352	P	P	05 45 04.0 +0.3
I60A Shoreham	64.02 358	P	P	05 45 04.6 +0.9
K5U1 Kansas State U	64.03 338	P	P	05 45 04.0 +0.1
I61A Oroboro, Fairl	64.08 359	P	P	05 45 05.3 +1.2
K48A Perry	64.14 349	P	P	05 45 04.4 -0.2
I63A Otisfield	64.18 0	P	P	05 45 05.9 +1.1
R32A Long Quarter,	64.21 336	I	Amb	05 45 04.5 -0.6
R32A Long Quarter,	64.21 336	I	Amb	05 45 06.6
J48A Bridge Port	64.57 349	P	P	05 45 07.0 -0.3
H58A Gabriels	64.62 357	P	P	05 45 08.7 +1.0
H61A Lyndonville	64.67 359	P	P	05 45 08.7 +0.8
H57A Richie	64.73 356	P	P	05 45 08.9 +0.6
ANMO Albuquerque	64.74 328	P	P	05 45 09.9 +1.0
ANMO Albuquerque	64.74 328	P	P	05 45 08.6 -0.3
H63A New Sharon	64.79 0	P	P	05 45 09.7 +1.0
H59A Cadville	64.83 358	P	P	05 45 10.0 +1.0
I49A Poi Hope	65.03 350	P	P	05 45 10.2 -0.1
H53A Bobcaygeon	65.11 354	P	P	05 45 10.9 +0.1
G62A West of Eustis	65.34 0	P	P	05 45 13.2 +0.9
G65A Princeton	65.39 2	P	P	05 45 13.1 -0.9
I47A Gladwin	65.39 349	P	P	05 45 12.3 -0.4
G64A Maxfield	65.40 1	P	P	05 45 13.4 +0.7
PKME Peaks-Kenny Pk	65.40 1	P	P	05 45 13.4 +0.7
G61A St-Alexandre-de-	65.41 359	P	P	05 45 13.7 +0.9
I48A Sherman Twp	65.42 350	P	P	05 45 12.3 -0.5
JFWS Jewell Farm	65.58 344	P	P	05 45 13.8 -0.1
G55A Calabogie	65.61 355	P	P	05 45 15.1 +1.0
G53A Hallburton	65.65 354	P	P	05 45 15.2 +0.9
H48A Harrisville	65.85 350	P	P	05 45 15.5 -0.1
G54A Lake Saint Pet	65.87 354	P	P	05 45 15.9 +0.1
H47A Mio	65.90 349	P	P	05 45 15.7 -0.3
F64A Sherman	66.02 2	P	P	05 45 17.8 +1.1
TRQ Mont Tremblant	66.44 357	P	P	05 45 19.1 -0.4
E60A Ste Agathe de	66.50 359	P	P	05 45 22.3 +2.6
L34A Svendens Farm,	66.50 339	P	P	05 45 19.6 -0.3
SDCO Great Sand Dun	66.52 330	P	P	05 45 21.9 +1.4
SDCO Great Sand Dun	66.52 330	P	P	05 45 22.6 +2.1
E58A La Victoria	66.54 358	P	P	05 45 21.0 +1.0
W18A Petrifed Fore	66.56 326	P	P	05 45 22.3 +1.7
BGNE Belgrade	66.61 338	P	P	05 45 21.2 +0.5
F48A Evansville	66.84 351	P	P	05 45 21.4 -0.6
F45A CMU Biological	67.19 349	P	P	05 45 23.6 -0.5
D57A Chemin Vers le	67.21 358	P	P	05 45 25.3 +1.0
D62A Allapoint, All	67.22 1	P	P	05 45 25.2 +0.9
D62A Allapoint, All	67.22 1	I	Amb	05 45 25.6 +1.3
D62A Allapoint, All	67.22 1	I	Amb	05 45 26.0
D58A Chemin du LacG	67.25 358	P	P	05 45 25.4 +0.9
D55A Sainte-Anne-du	67.29 356	P	P	05 45 25.5 +0.8
BATG Bathurst New B	67.53 3	P	P	05 45 27.2 +0.9
MVCO Mesa Verde	67.54 328	P	P	05 45 27.2 +0.3
OGNE Ogallala	67.68 335	P	P	05 45 28.1 +0.6
D50A G1974 Best Tow	67.80 353	P	P	05 45 28.8 +0.8
E43A Lone Tree Farm	68.13 348	P	P	05 45 30.2 +0.1
E43A Lone Tree Farm	68.13 348	I	Amb	05 45 30.6
E43A Lone Tree Farm	68.13 348	I	Amb</	

BLO	Bloomington	61.48 346	P	I	06 01 57.3	-1.1
BLO	comp-Z,25nm,0.9s		I	I	06 01 57.8	
O53A	New Philadelphia	61.50 351	P	P	06 01 57.9	-0.6
P48A	Milroy	61.51 347	P	P	06 01 56.9	-1.7
P48A	Milroy	61.51 347	P	P	06 01 57.1	-1.4
PAL	Palisades	61.51 357	P	P	06 01 58.4	-0.1
PAL	Palisades	61.51 357	P	P	06 01 58.8	+0.3
PAL	Palisades	61.51 357	P	P	06 01 58.4	-0.1
PAL	Palisades	61.51 357	P	P	06 01 59.9	
N57A	Milroy	61.54 354	P	P	06 01 59.1	+0.3
N58A	Sunbury	61.54 355	P	P	06 01 59.3	+0.6
N58A	Sunbury	61.54 355	P	P	06 01 59.3	+0.6
N59A	State Game Lan	61.54 355	P	P	06 01 59.3	+0.5
N59A	State Game Lan	61.54 355	P	P	06 02 00.7	
ODNJ	Ogdensburg	61.63 356	P	I	06 01 59.2	-0.1
ODNJ	Ogdensburg	61.63 356	P	I	06 02 00.8	
O51A	Pataskala	61.63 349	P	P	06 01 58.6	-0.8
CCM	Cathedral Cave	61.68 341	P	P	06 01 58.8	-0.9
CCM	Cathedral Cave	61.68 341	P	P	06 01 59.2	-0.5
CCM	Cathedral Cave	61.68 341	P	P	06 01 58.8	-0.9
CCM	Cathedral Cave	61.68 341	P	P	06 02 00.2	
N55A	Marion Center	61.72 353	P	P	06 02 00.4	+0.4
N56A	West Decatur	61.78 353	P	P	06 02 00.8	+0.4
ACSO	Alum Creek Sta	61.78 349	P	P	06 02 00.1	-0.3
ACSO	Alum Creek Sta	61.78 349	P	P	06 01 59.7	-0.7
YLE	Yale	61.78 357	P	P	06 02 00.9	+0.6
M61A	Granite Spring	61.81 358	P	P	06 02 00.6	0.0
VNA2	Neumayer-Watz	61.83 161	P	P	06 02 01.2	+0.8
G44A	Meyer Farm, Va	61.84 344	P	P	06 01 59.5	+1.3
M63A	Gales Farm	61.84 359	P	P	06 02 01.1	+0.4
M60A	Port Jervis	61.87 356	P	P	06 02 01.2	+0.2
M62A	Handen	61.91 358	P	P	06 02 01.8	+0.6
M64A	Tiverton	61.98 359	P	P	06 02 01.8	+0.2
MNTX	Cornudas Mount	61.99 326	P	P	06 02 01.8	-0.2
MNTX	Cornudas Mount	61.99 326	P	P	06 02 01.6	-0.3
S39A	Bolivar	61.99 340	P	P	06 02 01.5	-0.3
N53A	Lisbon	61.99 351	P	P	06 02 01.5	-0.3
N53A	Lisbon	61.99 351	P	I	06 02 02.9	
N54A	Moraine State	62.03 352	P	P	06 02 02.1	+0.1
N54A	Moraine State	62.03 352	P	P	06 02 02.2	+0.2
M58A	Price's Panora	62.05 355	P	P	06 02 02.8	+0.6
P46A	Rosedale	62.06 345	P	I	06 02 02.0	-2.1
P46A	Rosedale	62.06 345	P	I	06 02 02.0	
M57A	Sunshine Farm,	62.07 354	P	P	06 02 02.8	+0.5
M57A	Sunshine Farm,	62.07 354	P	I	06 02 02.6	+0.3
M57A	Sunshine Farm,	62.07 354	P	I	06 02 04.4	
N52A	McGinn's Farm,	62.13 350	P	P	06 02 02.1	-0.6
M59A	Waymart	62.14 356	P	P	06 02 03.2	+0.4
KSPA	Keystone Colle	62.18 355	P	I	06 02 03.0	0.0
KSPA	Keystone Colle	62.18 355	P	I	06 02 04.8	
R40A	Maddies Statio	62.20 341	P	I	06 02 02.6	-0.7
R40A	Maddies Statio	62.20 341	P	I	06 02 03.8	
KSCOT	Kent School, 1	62.21 357	P	I	06 02 03.2	0.0
KSCOT	Kent School, 1	62.21 357	P	I	06 02 04.9	
O48A	Farmland	62.22 347	P	P	06 02 02.2	-1.1
L63A	North Scituate	62.30 359	P	P	06 02 04.0	+0.3
M56A	Emporium	62.32 353	P	P	06 02 04.2	+0.2
M56A	Emporium	62.32 353	P	P	06 02 04.5	+0.4
N50A	Nevada	62.33 349	P	P	06 02 03.0	-1.1
N51A	Ashland	62.34 350	P	P	06 02 03.2	-1.0
N51A	Ashland	62.34 350	P	I	06 02 03.0	-1.1
N51A	Ashland	62.34 350	P	I	06 02 03.9	
BRYW	Bryant College	62.35 359	P	P	06 02 04.8	+0.6
L64A	Middleborough	62.36 360	P	P	06 02 04.5	+0.3
M55A	Ridgway	62.37 353	P	P	06 02 04.7	+0.3
M55A	Ridgway	62.37 353	P	P	06 02 04.7	+0.3
T35A	Sooner Cattle	62.41 337	P	P	06 02 04.7	0.0
L60A	Shokan	62.41 357	P	P	06 02 05.8	+0.6
M54A	Oil Creek Stat	62.52 352	P	P	06 02 05.4	+0.1
M54A	Oil Creek Stat	62.52 352	P	P	06 02 05.3	-0.1
M54A	Oil Creek Stat	62.52 352	P	P	06 02 05.6	-0.1
M54A	Muleshoe	62.53 330	P	I	06 02 05.9	+0.2
M54A	Muleshoe	62.53 330	P	I	06 02 07.4	
M53A	Wil Miller and	62.59 351	P	P	06 02 05.6	-0.1
P43A	Skaggs, Pawnee	62.66 343	P	P	06 02 05.3	-1.0
L58A	Harry Jones Me	62.67 355	P	P	06 02 06.9	+0.6
L61A	Hillsdale, H	62.68 357	P	P	06 02 06.4	0.0
L57A	Andrews Acres	62.71 355	P	P	06 02 06.7	+0.1
M51A	Elyria	62.72 350	P	P	06 02 06.1	-0.5
ALLY	Allegeny Colle	62.72 352	P	P	06 02 06.7	0.0
QUA2	Belchertown	62.73 358	P	I	06 02 06.8	+0.2
QUA2	Belchertown	62.73 358	P	I	06 02 08.1	
L59A	Walton	62.76 356	P	P	06 02 07.7	+0.7
L59A	Walton	62.76 356	P	P	06 02 07.7	+0.7
BCX	Boston College	62.76 359	P	I	06 02 06.8	-0.1
BCX	Boston College	62.76 359	P	I	06 02 08.3	
BCX	Boston College	62.76 359	P	I	06 02 05.3	-1.6
AMTX	Amarillo	62.79 331	P	P	06 02 07.0	-0.4
M52A	Chesterland	62.79 351	P	P	06 02 06.3	-0.8
M52A	Chesterland	62.79 351	P	P	06 02 06.7	-0.4
M52A	Chesterland	62.79 351	P	I	06 02 07.8	
WES	Weston	62.81 359	P	P	06 02 07.7	+0.5
WES	Weston	62.81 359	P	P	06 02 07.7	+0.5
WES	Weston	62.81 359	P	P	06 02 07.6	+0.2
BINY	Binghamton	62.83 355	P	P	06 02 07.9	+0.5
O44A	Mansfield	62.87 345	P	I	06 02 06.4	-1.3
O44A	Mansfield	62.87 345	P	I	06 02 07.2	
L61B	Northampton	62.91 358	P	P	06 02 07.9	0.0

L56A	Greenwood	62.91 354	P	P	06 02 07.9	-0.1
L56A	Greenwood	62.91 354	P	I	06 02 08.0	+0.1
U32A	Winter Ranch,	62.91 334	P	P	06 02 07.8	-0.3
U32A	Winter Ranch,	62.91 334	P	I	06 02 09.2	
HRV	Adam Dziewonsk	62.94 359	P	P	06 02 08.8	+0.8
HRV	Adam Dziewonsk	62.94 359	P	P	06 02 08.6	+0.6
HRV	Adam Dziewonsk	62.94 359	P	P	06 02 08.8	+0.8
L53A	Girard	63.04 352	P	P	06 02 08.5	-0.3
L55A	Hinsdale	63.04 353	P	P	06 02 08.8	-0.1
K62A	Royalston	63.11 358	P	P	06 02 09.2	0.0
K62A	Royalston	63.11 358	P	I	06 02 09.3	+0.2
K62A	Royalston	63.11 358	P	I	06 02 11.1	
K63A	Dunstable	63.12 359	P	P	06 02 09.5	+0.3
K60A	Five Rivers En	63.12 357	P	P	06 02 09.5	+0.3
K61A	Williamstown	63.15 358	P	P	06 02 09.9	+0.5
ERPA	Erie	63.16 352	P	P	06 02 09.2	-0.4
ERPA	Erie	63.16 352	P	P	06 02 09.5	-0.1
L54A	Sinclairville	63.20 353	P	P	06 02 09.7	-0.1
TRY	Troy	63.22 357	P	P	06 02 10.8	+0.9
P40A	Paris	63.28 341	P	I	06 02 09.7	-0.7
P40A	Paris	63.28 341	P	I	06 02 10.9	
WVNY	West Valley, N	63.28 353	P	P	06 02 10.8	+0.4
M48A	Edgerton	63.31 348	P	P	06 02 09.6	-1.0
M48A	Edgerton	63.31 348	P	I	06 02 09.9	-0.7
K59A	Cooperstown	63.33 356	P	P	06 02 11.1	+0.4
K58A	Earlville	63.37 356	P	P	06 02 11.1	+0.1
K58A	Earlville	63.37 356	P	P	06 02 11.4	+0.4
K57A	Scipio Center	63.40 355	P	P	06 02 11.9	-0.2
K56A	Middlesex	63.44 354	P	P	06 02 11.0	-0.5
SNA	Sanae	63.45 161	P	P	06 02 11.9	+0.6
SNA	Sanae	63.45 161	P	P	06 02 11.5	+0.2
SNA	Sanae	63.45 161	P	P	06 02 11.6	+0.2
HDIL	Hopedale	63.46 344	P	P	06 02 10.3	-1.3
HDIL	Hopedale	63.46 344	P	I	06 02 10.4	-1.3
HDIL	Hopedale	63.46 344	P	I	06 02 11.4	
K54A	Basiliok Farm,	63.49 353	P	P	06 02 11.7	0.0
L50A	Kingsville	63.51 350	P	P	06 02 10.7	-1.2
K55A	Perry	63.54 354	P	P	06 02 11.9	-0.3
J62A	Henniker	63.66 359	P	P	06 02 13.0	+0.1
J63A	Stratford	63.70 359	P	P	06 02 13.1	+0.1
J60A	Lant Hill Farm	63.73 358	P	P	06 02 14.0	+0.7
J61A	Chester	63.80 358	P	P	06 02 14.3	+0.6
P38A	Dawn	63.82 340	P	I	06 02 13.4	-0.5
P38A	Dawn	63.82 340	P	I	06 02 22.2	
319A	Douglas	63.84 323	P	I	06 02 15.8	+1.4
319A	Douglas	63.84 323	P	I	06 02 16.9	
ACCN	Adirondack Co	63.88 357	P	I	06 02 14.9	+0.6
ACCN	Adirondack Co	63.88 357	P	I	06 02 16.3	
121A	Cookes Peak, D	63.90 325	P	P	06 02 15.6	+0.7
121A	Cookes Peak, D	63.90 325	P	P	06 02 16.4	+1.5
AAM	Ann Arbor	63.91 349	P	P	06 02 13.3	-1.2
AAM	Ann Arbor	63.91 349	P	P	06 02 13.6	-0.8
AAM	Ann Arbor	63.91 349	P	P	06 02 13.3	-1.2
K52A	Tiltsburg	63.91 352	P	P	06 02 14.0	-0.5
J58A	Remsen	63.94 356	P	P	06 02 14.7	0.0
J58A	Remsen	63.94 356	P	P	06 02 21.1	-0.4
K51A	Iona Station	63.97 351	P	P	06 02 14.2	-0.7
J56A	Wolcott	63.97 355	P	P	06 02 14.8	-0.1
J56A	Wolcott	63.97 355	P	I	06 02 15.9	
J59A	Piesco	64.00 357	P	P	06 02 15.3	+0.2
J59A	Piesco	64.00 357	P	P	06 02 15.6	+0.5
MEDO	Medina	64.02 353	P	I	06 02 15.1	-0.1
MEDO	Medina	64.02 353	P	I	06 02 16.4	
N41A	Harden Midland	64.02 343	P	I	06 02 14.7	-0.6
N41A	Harden Midland	64.02 343	P	I	06 02 15.3	
J57A	Williamstown	64.04 355	P	P	06 02 15.1	-0.2
J57A	Williamstown	64.04 355	P	I	06 02 15.4	+0.1
J57A	Williamstown	64.04 355	P	I	06 02 16.7	
J55A	Hilton	64.05 354	P	P	06 02 15.2	-0.2
J54A	Appleton	64.14 353	P	P	06 02 15.7	-0.3
HNH	Hanover	64.15 358	P	P	06 02 17.2	+1.2
K50A	Casco	64.19 350	P	P	06 02 15.4	-0.9
K50A	Casco	64.19 350	P	I	06 02 15.6	-0.7
K50A	Casco	64.19 350	P	I	06 02 16.8	+0.1
I58A	Old Forge	64.25 356	P	P	06 02 17.5	+0.5
I59A	Olmsteadville	64.30 357	P	P	06 02 18.3	+1.3
I62A	Tamworth	64.30 359	P	P	06 02 17.1	0.0
I62A	Tamworth	64.30 359	P	I	06 02 19.1	
I60A	Shoreham	64.32 358	P	P	06 02 18.0	+0.9
J52A	Paris	64.33 352	P	P	06 02 16.9	-0.3
K49A	Clarkson	64.34 349	P	P	06 02 16.0	-1.3
I64A	Boothbay	64.34 1	P	P	06 02 18.5	+1.2
I61A	Oroboro, Fair	64.37 359	P	P	06 02 18.6	+1.1
K51U	Kansas State U	64.38 338	P	P	06 02 17.2	-0.5
I63A	Otisfield	64.47 360	P	P	06 02 19.2	+1.1
I63A						

G55A	comp=Z,37nm,0.9s baz=174,SNR=16	65.92 355	P	P	06 02 27.6	0.0	LATO La Tuque	67.84 358	P	P	06 02 39.5	-0.2	O20A White River Ci	70.08 330	P	P	06 02 55.2	+1.2
G53A	Jalburton	65.97 354	P	P	06 02 27.6	-0.2	Y14A Wickenburg	67.84 323	P	P	06 02 40.4	+0.3	O20A		I	I	06 02 56.8	+1.9
N33A	Hilburton	66.13 338	P	P	06 02 28.7	-0.3	E47A Iron Bridge	67.88 350	P	P	06 02 39.1	-0.9	LCMT Little Creek M	70.22 325	P	P	06 02 58.1	+2.2
F63A	Bar K, Exete Nahmakanta, Br baz=181	66.13 1	P	P	06 02 29.3	+0.4	MVCO Mesa Verde	67.90 328	P	P	06 02 41.9	+1.2	BBRC Big Bear Solar	70.35 320	P	P	06 02 56.8	+1.9
F63A	Nahmakanta, Br F63A	66.13 1	P	P	06 02 28.8	-0.1	MVCO Mesa Verde	67.90 328	P	I	06 02 41.8	+1.1	SRU San Rafael Swe	70.38 328	P	P	06 02 57.2	+1.2
H48A	comp=Z,34nm,1.2s	66.18 350	P	I	06 02 28.5	-0.7	E46A Sault Ste Mari	67.96 350	P	I	06 02 39.5	-1.0	SRU San Rafael Swe	70.38 328	P	P	06 02 57.2	+1.2
H48A	Harrisville	66.18 350	P	I	06 02 28.6	-0.6	D51A Lot 18 Range I	68.00 353	P	P	06 02 40.5	-0.2	HEC Hector, Ludlow	70.40 321	P	P	06 02 58.0	+2.0
H48A	Harrisville	66.18 350	P	I	06 02 29.4		NVL Lot 18 Range I	68.00 353	P	P	06 02 40.5	-0.2	MTPU Mount Pierson	70.42 326	P	P	06 02 57.2	+0.8
G54A	comp=Z,59nm,1.1s	66.19 354	P	P	06 02 28.8	-0.5	NVL Nazarevskaya	68.04 159	eP	pm	06 02 39.6	-1.2	MATQ Matagami	70.47 355	P	P	06 02 55.4	-0.6
H47A	Lake Saint Pet	66.23 349	P	P	06 02 28.6	-1.0	OGNE Ogallala	68.04 335	P	P	06 02 41.6	+0.4	Q16A Castle Valley	70.56 327	P	P	06 02 58.6	+1.5
214A	Organ Pipe Nat	66.29 321	P	P	06 02 31.7	+1.4	OGNE Ogallala	68.04 335	P	I	06 02 41.9	+0.6	SZCU Shurtz Canyon	70.57 325	P	P	06 02 59.1	+1.9
214A	Organ Pipe Nat	66.29 321	P	I	06 02 32.4	+2.2	OGNE Ogallala	68.04 335	P	I	06 02 42.9		TUQ Turquoise Moun	70.59 322	P	P	06 02 58.4	+1.2
F59A	comp=Z,60nm,1.4s	66.31 358	P	P	06 02 29.9	0.0	WUAZ Wupatki	68.10 325	P	P	06 02 43.7	+1.9	DRLN Deer Lake	70.62 9	P	P	06 03 00.1	+2.3
F64A	Sherman	66.31 2	P	P	06 02 30.5	+0.5	WUAZ Wupatki	68.10 325	P	I	06 02 43.7	+1.9	P17A Butcher Ranch,	70.68 325	P	P	06 03 00.1	+2.3
F64A	Sherman	66.31 2	P	I	06 02 30.7	+0.7	WUAZ Wupatki	68.10 325	P	I	06 02 43.7	+1.9	MSU Marysville	70.77 326	P	P	06 03 00.0	+1.6
GBN	Guysborough	66.33 7	P	P	06 02 30.0	0.0	G40A Rib Lake	68.12 345	P	P	06 02 40.8	-0.8	MSU Marysville	70.77 326	P	P	06 03 00.0	+1.6
GBN	Guysborough	66.33 7	P	I	06 02 31.8		D50A G157 Best Tow	68.12 353	P	P	06 02 41.2	-0.2	BFSC Mount Baldy Ra	70.78 320	P	P	06 02 60.0	+1.6
H46A	comp=Z,62nm,1.0s	66.36 349	P	P	06 02 29.3	-1.1	K31A O'Neill	68.25 338	P	P	06 02 42.8	+0.3	RWWY Rawlins	70.85 332	P	I	06 02 59.5	+0.7
K38A	Parkersburg	66.36 342	P	I	06 02 29.8	-0.6	GLA Glamis	68.26 321	pm	pm	06 02 44.4	+1.7	RWWY Rawlins	70.85 332	P	I	06 03 01.1	
K38A	Parkersburg	66.36 342	P	I	06 02 30.8		GLA Glamis	68.26 321	P	P	06 02 44.0	+1.3	EYMN Ely	70.94 345	P	I	06 02 57.9	-1.0
F61A	comp=Z,51nm,1.0s	66.40 360	P	P	06 02 30.7	+0.1	D48A GLA Glamis	68.26 321	P	P	06 02 44.4	+1.7	EYMN Ely	70.94 345	P	I	06 02 59.2	
F60A	Warwick	66.40 359	P	P	06 02 30.9	+0.3	D48A GLA Glamis	68.26 321	P	P	06 02 44.2	-0.8	GSC Goldstone, Bar	71.00 321	P	P	06 03 01.7	+2.0
LMN	Caledonia Moun	66.47 4	P	P	06 02 31.5	+0.5	D46A Sault St. Mari	68.43 350	P	P	06 02 42.5	-1.0	GSC Goldstone, Bar	71.00 321	P	P	06 03 01.4	+1.7
H42A	Dræger Farm,	66.52 346	I	I	06 02 32.0		D47A Chapleau	68.44 351	P	P	06 02 42.6	-1.0	GSC Goldstone, Bar	71.00 321	P	I	06 03 01.7	+2.0
H42A	Dræger Farm,	66.52 346	I	I	06 02 32.0		E43A Lone Tree Farm	68.47 348	P	I	06 02 42.8	-0.9	GSC Goldstone, Bar	71.00 321	P	I	06 03 01.4	
GLMI	comp=Z,48nm,1.1s	66.52 349	P	P	06 02 31.5	+0.1	E43A Lone Tree Farm	68.47 348	P	I	06 02 43.9		MWC Mount Wilson	71.01 320	pm	pm	06 03 01.4	+1.5
GLMI	Grayling	66.52 349	P	P	06 02 30.9	-0.5	E44A Grand Marais A	68.50 349	P	P	06 02 43.8	-0.1	MWC Mount Wilson	71.01 320	pm	pm	06 03 01.4	+1.5
X18A	Snowflake	66.59 325	P	P	06 02 33.9	+1.5	E44A Grand Marais A	68.50 349	P	I	06 02 44.6		RDHU Red Mountain	71.05 329	P	P	06 03 01.0	+1.0
H45A	Beulah	66.60 348	P	P	06 02 30.8	-1.1	E44A Grand Marais A	68.50 349	P	I	06 02 44.6		SHOC Shoshone, Teco	71.11 322	P	P	06 03 02.9	+2.3
K50C	Kaye Shedlock	66.66 333	P	P	06 02 33.2	+0.7	ECSD EROS Data Cent	68.52 340	P	P	06 02 43.7	-0.4	DECC Green Verdugo	71.20 319	P	P	06 03 02.7	+1.9
K50C	Kaye Shedlock	66.66 333	P	I	06 02 33.3	+0.7	ECSD EROS Data Cent	68.52 340	P	I	06 02 43.8	-0.4	K22A Casper	71.33 333	P	P	06 03 02.5	+0.9
K50C	Kaye Shedlock	66.66 333	P	I	06 02 34.4		ECSD EROS Data Cent	68.52 340	P	I	06 02 45.0		K22A Casper	71.33 333	P	I	06 03 01.9	+0.3
F52A	Sumridge	66.71 353	P	P	06 02 32.0	-0.6	Y12C Blythe	68.58 321	P	P	06 02 45.8	+1.2	K22A Casper	71.33 333	P	I	06 03 03.6	
G47A	Hillman	66.73 350	P	P	06 02 31.7	-1.1	ISCO Idaho Springs	68.61 332	pm	pm	06 02 43.5	-1.1	EDW2 Edwards Air Fo	71.42 320	P	P	06 03 03.5	+1.3
ALGO	Algonquin Park	66.74 354	P	P	06 02 32.2	-0.6	ISCO Idaho Springs	68.61 332	P	P	06 02 46.0	+0.9	RSSD Black Hills	71.51 335	P	pm	06 03 03.5	+0.7
TRQ	Mont Tremblant	66.75 357	P	P	06 02 32.8	-0.1	ISCO Idaho Springs	68.61 332	P	P	06 02 45.8	+0.7	RSSD Black Hills	71.51 335	P	pm	06 03 04.0	+1.2
E60A	Ste Agathe de	66.80 359	P	P	06 02 33.3	+0.2	ISCO Idaho Springs	68.61 332	P	P	06 02 46.8	+0.9	RSSD Black Hills	71.51 335	P	I	06 03 03.5	+0.7
H43A	Windswept, Lux	66.81 347	P	I	06 02 32.3	-0.9	ISCO Idaho Springs	68.61 332	P	I	06 02 48.0		RSSD Black Hills	71.51 335	P	I	06 03 04.6	
H43A	Windswept, Lux	66.81 347	P	I	06 02 33.5		SMCO Snowmass	68.73 330	P	P	06 02 47.1	+1.1	BLG Laguna Peak, P	71.55 319	P	P	06 03 04.5	+1.6
E58A	La Victoria	66.84 358	P	P	06 02 33.8	+0.4	SPMN Marine on St.	68.75 343	P	P	06 02 45.0	-0.4	MPU Maple Canyon,	71.63 328	P	P	06 03 04.8	+1.3
E61A	Lac Etchemin	66.85 360	P	P	06 02 34.2	+0.7	SPMN Marine on St.	68.75 343	P	I	06 02 45.8		LRMC Laurel Mtn Rad	71.64 321	P	P	06 03 05.8	+2.2
L34A	Svensden Farm,	66.86 339	P	P	06 02 33.2	-0.4	IKP In-Ko-Pah, Jac	68.75 320	P	P	06 02 46.9	+1.1	PSUT Pine Spring	71.67 325	P	P	06 03 05.7	+1.9
E63A	Oxbow	66.87 1	P	P	06 02 34.3	+0.7	PDMCI Parker Dam, Lak	68.75 322	P	P	06 02 47.1	+1.4	D32A Dogwood Acres,	71.69 341	I	I	06 03 02.7	-0.7
E63A	Oxbow	66.87 1	P	I	06 02 34.2	+0.7	PV15 Paradox Valley	68.78 329	P	I	06 02 47.6	+1.5	D32A Dogwood Acres,	71.69 341	I	I	06 03 04.2	
E64A	comp=Z,57nm,1.1s	66.88 2	P	P	06 02 34.6	+0.9	PV15 Paradox Valley	68.78 329	P	I	06 02 49.0		NLU North Lily Mtn	71.80 327	P	P	06 03 05.6	+1.0
SDCO	Great Sand Dun	66.89 330	P	P	06 02 35.0	+0.7	PV02 Paradox Valley	68.80 328	P	P	06 02 47.2	+1.0	TPNV Topopah Spring	71.84 323	P	pm	06 03 07.0	+2.2
SDCO	Great Sand Dun	66.89 330	P	I	06 02 35.1	+0.8	PV13 Radium Mtn., P	68.80 328	P	I	06 02 46.8	+0.5	TPNV Topopah Spring	71.84 323	P	I	06 03 06.8	+2.0
SDCO	Great Sand Dun	66.89 330	P	I	06 02 36.6		PV13 Radium Mtn., P	68.80 328	P	I	06 02 48.0		TPNV Topopah Spring	71.84 323	P	I	06 03 07.0	+2.2
F51A	comp=Z,43nm,1.1s	66.91 353	P	P	06 02 33.3	-0.6	VLD0 Val d'Or	68.83 355	P	P	06 02 45.9	+0.1	TPNV Topopah Spring	71.84 323	P	I	06 03 19.1	
E57A	Chemin Saint G	66.92 357	P	P	06 02 33.9	0.0	VLD0 Val d'Or	68.83 355	P	I	06 02 47.2	+0.5	FURC Furnace Creek,	71.85 322	P	P	06 03 06.4	+1.8
G45A	Suttons Bay	66.92 348	P	P	06 02 33.2	-0.7	PV05 Paradox Valley	68.88 328	P	I	06 02 47.2	+0.5	FURC Furnace Creek,	71.85 322	P	P	06 03 06.6	+1.2
G45A	Suttons Bay	66.92 348	P	I	06 02 33.3	-0.7	PV05 Paradox Valley	68.88 328	P	I	06 02 48.9		MPMC Manual Prospe	71.93 321	P	P	06 03 06.6	+1.2
G45A	Suttons Bay	66.92 348	P	I	06 02 34.0		PV03 Paradox Valley	68.89 328	P	P	06 02 46.4	-0.4	JLU Jordanelle	71.98 328	P	P	06 03 07.1	+1.4
W18A	Petrified Fore	66.92 326	P	I	06 02 35.9	+1.4	PV18 Skaun Mesa, Pa	68.92 328	P	P	06 02 47.7	+0.7	CTI Camp Tracy C	72.20 328	P	P	06 03 07.7	+0.8
W18A	Petrified Fore	66.92 326	P	I	06 02 37.1		PV12 Saucer Basin,	68.92 328	P	P	06 02 47.4	+0.4	ISA Isabella, Lake	72.24 321	pm	pm	06 03 09.0	+1.9
I40A	Norwalk	66.93 344	P	P	06 02 33.4	-0.7	PV07 Paradox Valley	68.94 329	P	P	06 02 48.2	+1.1	ISA Isabella, Lake	72.24 321	pm	pm	06 03 09.0	+1.9
BGNE	Belgrade	66.97 338	P	P	06 02 34.3	-0.1	PV11 David Mesa, Pa	68.94 328	P	P	06 02 48.2	+1.1	ISA Isabella, Lake	72.24 321	pm	pm	06 03 09.0	+1.9
BGNE	Belgrade	66.97 338	P	P	06 02 34.5	0.0	PV17 Wray Mesa	68.97 328	P	P	06 02 48.0	+0.7	ISA Isabella, Lake	72.24 321	pm	pm	06 03 09.0	+1.9
F49A	Sandfield	67.02 351	P	P	06 02 33.8	-0.8	PV16 Nyswonger Mesa	68.97 328	P	P	06 02 48.0	+0.7	ISA Isabella, Lake	72.24 321	pm	pm	06 03 09.0	+1.9
G46A	Potoskey	67.05 349	P	P	06 02 33.9	-0.8	PV19 Morning Glory	69.00 328	P	P	06 02 48.3	+0.8	DUG Dugway, Tooele	72.36 327	P	pm	06 03 09.3	+1.5
E55A	Montcer																	

3d 5h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like ELK, NVAR, FWXY, ULM, etc.

2014 APR

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like FFC, I04A, E08A, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like BBB, SFJD, ANGG, etc.

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like SDCO Great Sand Dun, D55A Sainte-Anne-du, W18A Petrified Fore, etc.

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like RSSD Black Hills, D32A Dogwood Acres, MPU Maple Canyon, etc.

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like I07A Izee, F10A Beach Ranch, YBH Yreka Blue Ranch, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SOEI, WMQ, USAOB, USRKR, etc.

JMA 03 06:17:07.7-0.1,24.33N,121.40E,h3km,M3.3
TAP 03 06:17:07.8,24.34N,121.43E,h7km,ML3.6,C
ISC 03 06:17:08.3-0.8,24.35N,121.43E,0.01,h7km,5km,

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations like NNSB, NNSH, NNS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like SBCB, NMLH, NSY, HSN, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like FULB, CHN2, ELDTW, etc.

SJA 03 06:44:55.7-0.7,20.11S,70.88W,h25km,3km,ML4.0,
MW4.1
IDC 03 06:44:58.7-2.0,20.15S,70.42W,h0km,mb3.5/2,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like TA01, PSGC, etc.

Table with columns: ID, Name, Comp, Val, P, I, A, M, B, Val, P, I, A, M, B, Val, P, I, A, M, B. Includes entries like Loudon, Richland Creek, Double B Far, etc.

Table with columns: ID, Name, Comp, Val, P, I, A, M, B, Val, P, I, A, M, B, Val, P, I, A, M, B. Includes entries like Wyandotte Cave, Reedsville, Yellville, etc.

Table with columns: ID, Name, Comp, Val, P, I, A, M, B, Val, P, I, A, M, B, Val, P, I, A, M, B. Includes entries like Walton, Binghamton, Adam Dzewonski, etc.

PB01	IPOC Station P	1.17 108	Pn	07 16 01.6 +0.6
PB01	PSGC	1.21 26	eP	07 16 16.5 -1.0
PSGC	Pisagua	1.21 26	iS	07 16 02.2 +0.7
PSGC	Pisagua	1.21 26	iS	07 16 17.6 -0.9
PSGCX	Pisagua	1.21 26	Pn	07 16 02.1 +0.6
PSGCX	Pisagua	1.21 26	Sb	07 16 17.1 -1.3
PSGCX	Pisagua	1.21 26	iP	07 16 00.7 -0.6
PSGCX	Pisagua	1.21 26	iP	07 16 19.2 +0.7
PB07	IPOC Station P	1.27 144	iP	07 16 03.8 +1.3
PB07	IPOC Station P	1.27 144	iP	07 16 21.2 +1.1
PB07	IPOC Station P	1.27 144	Pn	07 16 03.7 +1.3
PB07	IPOC Station P	1.27 144	Sb	07 16 19.4 +0.3
PB11	IPOC Station P	1.33 46	eS	07 16 04.1 +0.8
PB11	IPOC Station P	1.33 46	eS	07 16 20.9 -0.8
PB11	IPOC Station P	1.33 46	iP	07 16 23.3 +1.6
PB11	IPOC Station P	1.33 46	iP	07 16 20.3 -1.2
PB08	IPOC Station P	1.53 69	eS	07 16 07.3 +0.2
PB08	IPOC Station P	1.53 69	eS	07 16 27.0 0.0
PB08	IPOC Station P	1.53 69	iP	07 16 28.5 +1.5
PB08	IPOC Station P	1.53 69	iP	07 16 20.0 -0.9
PB08	IPOC Station P	1.53 69	iS	07 16 28.5 +1.5
PB08	IPOC Station P	1.53 69	iS	07 16 20.0 -0.9
PB03	IPOC Station P	1.60 148	IAML	07 16 37.4
PB04	IPOC Station P	1.71 163	IAML	07 16 41.7
PB04	IPOC Station P	1.71 163	Pn	07 16 09.5 +1.0
PB04	IPOC Station P	1.71 163	Sb	07 16 30.1 -0.9
PB04	IPOC Station P	1.71 163	iP	07 16 07.0 -1.5
PB04	IPOC Station P	1.71 163	iP	07 16 39.9
GO01	Chusmiza	1.73 54	eP	07 16 09.6 -0.8
GO01	Chusmiza	1.73 54	iS	07 16 32.6 -0.6
GO01	Chusmiza	1.73 54	iS	07 16 35.7
GO01	Chusmiza	1.73 54	Pn	07 15 53.4 -1.6
GO01	Chusmiza	1.73 54	Pn	07 16 13.2 +0.3
PB09	IPOC Station P	1.73 130	eP	07 16 34.6 +1.2
PB09	IPOC Station P	1.73 130	iS	07 16 44.1
PB09	IPOC Station P	1.73 130	Pn	07 16 06.6 -2.3
PB09	IPOC Station P	1.73 130	Pn	07 16 09.0 0.0
PB09	IPOC Station P	1.73 130	iP	07 16 42.5
MMNC	Minye Minye	1.86 34	IAML	07 16 42.7
MMNC	Minye Minye	1.86 34	Pn	07 16 09.0 -1.7
MMNCX	Minye Minye	1.86 34	iP	07 16 08.8 -1.8
MMNCX	Minye Minye	1.86 34	IAML	07 16 41.3
PB12	IPOC Station P	2.09 9	Pn	07 16 15.0 -1.3
PB05	IPOC Station P	2.20 168	IAML	07 16 13.1 +2.0
PB05	IPOC Station P	2.20 168	IAML	07 16 52.0
PB06	IPOC Station P	2.25 153	iP	07 16 13.9 -2.1
PB06	IPOC Station P	2.25 153	iP	07 16 53.0
AP01	Chacalluta	2.33 8	eP	07 16 20.4 +0.1
AP01	Chacalluta	2.33 8	eS	07 16 51.5 -1.1
LVC	Limon Verde	2.52 140	Pn	07 16 22.6 -1.2
LVC	Limon Verde	2.52 140	Sb	07 16 55.8 +0.4
LVC	Limon Verde	2.52 140	Pn	07 16 17.9 -2.0
LVC	Limon Verde	2.52 140	iP	07 16 18.3 -1.5
LVC	Limon Verde	2.52 140	IAML	07 17 04.3
LVC	Limon Verde	2.52 140	eP	07 16 19.0 -0.9
PB16	IPOC Station P	2.59 25	Pn	07 16 21.8 +0.8
PB15	IPOC Station P	2.75 156	Pn	07 16 22.9 +0.1
PB15	IPOC Station P	2.75 156	iP	07 16 20.7 -2.1
PB15	IPOC Station P	2.75 156	iP	07 17 11.6
PB10	IPOC Station P	2.81 178	Pn	07 16 24.0 +0.5
PB10	IPOC Station P	2.81 178	iP	07 16 20.6 -2.9
PB10	IPOC Station P	2.81 178	IAML	07 17 18.1
PB14	IPOC Station P	3.92 176	Pn	07 16 39.4 +0.3
PB14	IPOC Station P	3.92 176	iP	07 16 35.6 -3.5
PB14	IPOC Station P	3.92 176	IAML	07 17 54.6
LPAZ	La Paz	5.00 29	Pn	07 16 59.8 -6.5
LPAZ	La Paz	5.00 29	Pn	07 16 54.7 +0.4
LPAZ	La Paz	5.00 29	eP	07 16 53.9 -0.4
GO03	Copiap	6.88 177	Pn	07 17 20.2 +0.6
SIV	San Ignacio	10.14 64	Pn	07 17 06.2 +0.4
SIV	San Ignacio	10.14 64	LR	07 22 48.0
NNA	Nana	10.48 325	Pn	07 18 06.1 -2.9
CPUP	Villa Florida	13.47 117	Pn	07 18 51.7 +2.0
CPUP	Villa Florida	13.47 117	Pn	07 18 48.9 -0.9
SAM	Samuel	13.73 33	Pn	07 18 54.0 +0.6
AGDS	Aquidauana	14.03 92	eP	07 18 58.2 +0.7
LVV	Santo Antonio	15.01 74	eP	07 19 01.0 +0.1
TRCB	Terra Rica	16.90 100	eP	07 19 35.5 +0.2
CLDB	Colider	17.32 58	eP	07 19 39.2 -1.4
GO06	Carurahué	18.84 182	P	07 20 01.5 +2.1
PLCA	Puro Flores	19.98 180	P	07 20 11.4 +0.2
BDFB	Brasilia	22.11 81	P	07 20 34.4 -1.4
BDFB	Brasilia	22.11 81	P	07 20 33.0 -1.1
PTGA	Pitinga	22.43 29	P	07 20 37.9 +0.1
PTGA	Pitinga	22.43 29	P	07 20 36.8 -1.0
PTGA	Pitinga	22.43 29	Iamb	07 20 47.6
PTGA	Pitinga	22.43 29	eP	07 20 37.3 -0.5
FLOC	Florencia	22.67 347	eP	07 20 51.8 -1.1
MACC	Macarena, Meta	22.16 352	eP	07 20 49.1 +6.2
GARC	Garzon, Huila	23.22 348	eP	07 20 47.9 +1.5
SOTA	Rioblanco	23.42 345	eP	07 20 52.7 +4.1
PCON	Cinco Dias	23.55 346	eP	07 20 54.3 +4.3
PRAC	Prado	24.60 350	eP	07 20 59.5 +0.1
ORTC	Ortega, Tolima	24.85 349	eP	07 21 03.4 +1.8
YOTO	Yotoco, Valtó	25.14 347	eP	07 21 06.2 +1.9
SMTB	Santa Maria do	25.19 66	eP	07 21 04.4 -0.3
CHIC	Chingaza	25.34 353	eP	07 21 06.7 +0.3
ROSC	El Rosal	25.62 352	P	07 21 10.8 +1.9
ROSC	El Rosal	25.62 352	P	07 21 07.2 -1.8
ROSC	El Rosal	25.62 352	Iamb	07 21 21.7
JANB	Januaría	25.70 82	eP	07 21 08.6 -0.7
RREF	El Recreo	26.84 349	eP	07 21 14.0 +2.8
GUVAZ	Guyana, Caidas	26.16 348	eP	07 21 18.2 +2.4
SPEC	San Pablo de B	26.39 352	eP	07 21 16.4 +0.9
NORC	Norcasia	26.41 351	eP	07 21 17.1 +1.4
RUSC	La Rusia	26.52 355	eP	07 21 17.8 +0.6
HAMC	Tame, Arauca	26.98 358	eP	07 21 21.1 +0.3
TALC	Santa Helena	27.14 349	eP	07 21 23.2 +0.6
ZARG	Zargaza, Cauca	28.31 351	eP	07 21 32.7 +0.7
SDV	Santo Domingo	29.39 0	P	07 21 43.3 +0.7
SDV	Santo Domingo	29.39 0	Iamb	07 21 52.8
MDP	Montagnes des	31.16 37	P	07 21 58.2 +0.2
MDP	Montagnes des	31.16 37	P	07 21 58.2 +0.2
RCBR	Riachuelo	36.82 71	P	07 22 47.1 -0.2
RCBR	Riachuelo	36.82 71	P	07 22 47.1 -0.2
TEIG	Tepecol	44.16 336	P	07 23 49.2 +1.4
CMIG	Matias Romero	44.43 326	P	07 23 52.0 +2.0
TXAR	Lajas Arroy	59.03 326	P	07 25 40.6 +1.5
TXAR	Lajas Arroy	59.03 326	P	07 25 40.6 +1.5
SNA	Santana	63.58 161	P	07 26 10.7 +1.3

QSPA	South Pole Qui	69.50 180	P	07 26 49.4 +2.0
QSPA	South Pole Qui	69.50 180	P	07 26 48.5 +1.2
QSPA	South Pole Qui	69.50 180	Iamb	07 26 50.9
NVAR	Minna Array Bea	73.85 323	P	07 27 14.1 0.0
NVAR	Minna Array Bea	73.85 323	LR	07 57 24.2
NVAR	Minna Array Bea	73.85 323	LR	07 27 12.5 -1.6
ULM	Lac du Bonnet	74.06 343	P	07 27 14.9 +0.2
ULM	Lac du Bonnet	74.06 343	P	07 27 12.0 -2.7
ULM	Lac du Bonnet	74.06 343	Iamb	07 27 17.9
SYO	Syowa Base	77.83 160	eP	07 27 33.4 -2.7
YKA	Yellowknife Ar	89.89 341	P	07 28 38.1 +0.6
H1S2	WAKE ISLAND	H126.13 278	T	09 53 51.9
H1S1	WAKE ISLAND	H126.14 278	T	09 53 53.1
H1S3	WAKE ISLAND	H126.15 278	T	09 54 00.9
H1N3	WAKE ISLAND	H126.20 280	T	09 54 06.4
H1N2	WAKE ISLAND	H126.21 280	T	09 54 07.5
H1N1	WAKE ISLAND	H126.21 280	T	09 53 49.9
SEY	Seymchan	128.70 336	PKP	07 34 47.0 +0.5
ASAR	Allice Springs	129.82 210	PKP	07 34 50.5 +0.3
ASAR	Allice Springs	129.82 210	PKP	07 34 48.9 -0.5
WBD	Warramunga Arr	132.89 213	PKP	07 34 52.5 -2.7
BVAR	Borovoye Arr	136.04 33	PKP	07 35 01.2 -0.5
ZALV	Zalesovo Bekam	141.90 23	PKP	07 35 11.6 +0.9
MSK	Makanchi Array	145.92 34	PKP	07 35 19.0 -0.1
UKAR	Ussuriysk Arr	149.93 326	PKP	07 35 30.9 +0.4
MJAR	Matushiro Arr	150.24 308	PKP	07 35 31.4 0.0
SOMN	Songino Array	152.82 4	PKP	07 35 37.0 +0.5

SJA 03 07:21:52.4:0.7,20:64S:71:04W,h54km,8km,ML4.3,
MW4.4
IDC 03 07:21:53.9:0.9,20:62S:70:83W,h0km,mb4.1/4,
mb1.4/2.7,mb1mx3.9/3.1,mbtpm4.2/7,ML4.1/3,Error
ellipse: s-maj=26.6km s-min=21.5km az=72.0
NEIC 03 07:21:55.6:1.2,20:72S:0:03:70:70W,0.05,h18km,3km,
mb4.4/9,MW4.2/14,Error ellipse: s-maj=6.2km
s-min=4.1km az=92.0
NEIC 03 07:21:55.6:2.0:72S:70:70W,h22km, Moment Tensor
Solution. Moment tensor: Scale 10¹⁵Nm; M₁:2.53;
M₂:0.22; M₃:2.31; M₄:0.05; M₅:0.10; M₆:0.08; Fault
plane solution: M₂:43000*10¹⁵ NPT₁:1,57000*
0.45,69000*1,88,57000*0. NP₂:183,63000*3.41,13000*
1,91,49000*0. Principal axes: T 2.6358 P1g89,0000*
Az=223,0000* N -0.2161,Plg1,0000* Azm3,0000* P
-23198,Plg1,0000* Azm93,0000*
GUC 03 07:21:56.9:0.2,20:66S:70:70W,h20km,7km,ML4.5
ISC 03 07:21:54.8:1.5,20:69S:0:02:73W,0.05,h12km,9km,
n77,r1:06/93,mb4.4/7,4C-7D,Near coast of northern
Chile

Code	Station Name	Δ°	AZ°	Phase ID	h	m	s	ISC	Time Res
TA01	Diego Aracena	0.53	76	iP	Op			ISC	07 22 05.4
TA01	Diego Aracena	0.53	76	iS	Sb			ISC	07 22 12.8 -1.0
TA01	Diego Aracena	0.53	76	IAML					07 22 13.2
PB02	IPOC Station P	1.00	129	iP	Pb				07 22 13.5 -0.7
PB02	IPOC Station P	1.00	129	iP	Sg				07 22 19.0 -0.2
PB02	IPOC Station P	1.00	129	iP	Sg				07 22 28.7
PB02	IPOC Station P	1.00	129	iP	Pg				07 22 14.8 +0.6
PB02	IPOC Station P	1.00	129	iS	Pn				07 22 32.3 +3.3
PB02	IPOC Station P	1.00	129	iS	Pn				07 22 34.4
PB01	IPOC Station P	1.22	107	iP	Pn				07 22 16.8 -1.0
PB01	IPOC Station P	1.22	107	iS	Sb				07 22 31.9 -1.7
PB01	IPOC Station P	1.22	107	IAML					07 22 33.6
PB01	IPOC Station P	1.22	107	Pn					07 22 17.0 -0.8
PB01	IPOC Station P	1.22	107	Sb					07 22 32.9 -1.4
PSGC	Pisagua	1.23	28	iP	Sb				07 22 17.4 -0.6
PSGC	Pisagua	1.23	28	iS	Sb				07 22 32.5 -1.5
PSGC	Pisagua	1.23	28	Sb					07 22 17.7 -0.5
PSGCX	Pisagua	1.23	28	Sb					07 22 34.3 -0.3
PSGCX	Pisagua	1.23	28	iP	Sg				07 22 16.3 -1.7
PSGCX	Pisagua	1.23	28	iS	Sg				07 22 34.4 -0.1
PSGCX	Pisagua	1.23	28	Pn					07 22 36.4
PB07	IPOC Station P	1.30	143	eP	Pb				07 22 18.7 -0.7
PB07	IPOC Station P	1.30	143	eP	Sb				07 22 35.8 -0.7
PB07	IPOC Station P	1.30	143	Pn					07 22 19.0 -0.3
PB07	IPOC Station P	1.30	143	Sb					07 22 34.1 -1.9
PB11	IPOC Station P	1.37	48	iP	Pn				07 22 19.3 -0.7
PB11	IPOC Station P	1.37	48	iS	Sb				07 22 36.5 -1.7
PB11	IPOC Station P	1.37	48	IAML					07 22 39.6
PB11	IPOC Station P	1.37	48	Pn					07 22 19.4 -0.5
PB11	IPOC Station P	1.37	48	Sb					07 22 37.6 -0.5
PB11	IPOC Station P	1.37	48	iP	Pn				07 22 19.7 -0.5
PB11	IPOC Station P	1.37	48	iP	Sb				07 22 39.5 +0.5
PB11	IPOC Station P	1.37	48	IAML					07 22 42.9
PB08	IPOC Station P	1.58	70	eP	Pn				07 22 22.5 -0.6
PB08	IPOC Station P	1.58	70	eP	Sb				07 22 42.8 -0.9

GCUF	Volcan Galeras	22.25 343	eP	P	07 43 20.8	+1.0
BDFB	Brasilia	22.25 82	P	P	07 43 09.8	-0.6
comp=E,6.1nm,0.6s,baz=259,slow=7.9,SNR=10						
BDFB	Brasilia	22.25 82	P	P	07 43 10.2	-0.2
GARC	Garzon, Huila	22.74 348	eP	P	07 43 17.7	+2.0
GOTA	Rioblanco	22.93 345	eP	P	07 43 22.3	+4.3
PRAC	Prado	24.13 350	eP	P	07 43 30.8	+1.5
ORTC	Ortega, Tolima	24.38 349	eP	P	07 43 33.7	+2.1
YOTC	Yotoco, Valle	24.66 347	eP	P	07 43 36.3	+2.1
CHIC	Chingaza	24.88 353	eP	P	07 43 45.8	+9.3
GUY2	Guyana, Caldas	25.69 350	eP	P	07 43 45.4	+1.5
SPBC	San Pablo de B	25.93 353	eP	P	07 43 46.3	+0.7
RUSC	La Rusia	26.06 355	eP	P	07 43 48.2	+0.8
HELK	Santa Helena	26.66 350	eP	P	07 43 54.5	+1.8
PTBC	PUERTO BERRIO,	26.85 352	eP	P	07 43 55.2	-1.7
PAMC	Pampolona, Colo	27.47 356	eP	P	07 44 02.2	+2.2
ZARG	Zaragoza, Cauca	27.84 352	eP	P	07 44 02.7	-0.1
SDV	Santo Domingo	28.95 1	P	P	07 44 11.5	-1.4
SMLC	San Martin de	29.03 354	eP	P	07 44 11.8	-1.6
MLPR	Magueyes Islan	38.17 6	P	P	07 45 32.1	-0.7
PDFR	Patillas Dam,	38.33 8	P	P	07 45 33.0	-1.2
comp=Z,15nm,0.8s						
SJG	San Juan	38.41 7	P	P	07 45 33.3	-1.4
comp=Z,12nm,0.8s,baz=348,slow=6.9,SNR=6.3						
SJG	San Juan	38.41 7	P	P	07 45 33.4	-2.4
SJG					07 45 35.1	
comp=Z,15nm,0.9s						
NHSC	New Hope	53.79 350	P	P	07 47 37.1	+1.4
baz=169						
Z57A	Bowman	54.06 350	P	P	07 47 39.8	+2.1
baz=169						
Z56A	Williston	54.20 349	P	P	07 47 40.2	+1.4
baz=168						
Y60A	Bolivia	54.40 353	P	P	07 47 41.7	+1.5
baz=172						
Y60A	Bolivia	54.40 353	P	P	07 47 41.0	+0.9
GOGA	Godfrey	54.69 347	P	P	07 47 43.1	+0.8
baz=166						
Y57A	Sumter	54.71 350	P	P	07 47 42.8	+0.3
Y55A	Saluda	54.88 349	P	P	07 47 44.4	+0.6
baz=167						
X59A	McDuffie Farm,	55.01 352	P	P	07 47 45.5	+1.0
baz=171						
Z50A	Ashland	55.10 345	P	P	07 47 46.3	+1.0
baz=163						
Z50A	Ashland	55.10 345	P	P	07 47 45.3	0.0
X56A	White Oak	55.28 350	P	P	07 47 47.4	+0.8
baz=168						
X55A	Gracelyn & Ava	55.36 349	P	P	07 47 47.9	+0.8
baz=163						
W58A	Raeford	55.53 352	P	P	07 47 49.6	+1.2
baz=170						
X54A	Belton	55.57 349	P	P	07 47 49.9	+1.2
baz=167						
CNCC	Cliffs of the	55.58 353	P	P	07 47 49.3	+0.6
baz=172						
W57A	Gilead	55.77 351	P	P	07 47 50.8	+0.7
baz=170						
W56A	Indian Trail	55.84 350	P	P	07 47 51.2	+0.6
baz=169						
KMSC	Kings Mountain	55.97 350	P	P	07 47 52.4	+0.8
baz=168						
V61A	Roper	55.99 354	P	P	07 47 53.2	+0.7
baz=174						
W54A	Cherokee Point	56.06 349	P	P	07 47 53.2	+1.0
baz=167						
X51A	Calhoun	56.10 346	P	P	07 47 54.2	+1.7
baz=164						
V59A	Middlesex	56.14 353	P	P	07 47 53.8	+1.1
baz=172						
V58A	Windy Hill, Pi	56.27 352	P	P	07 47 55.0	+1.3
baz=171						
V57A	Coltrane Farms	56.46 351	P	P	07 47 55.9	+0.9
baz=170						
V56A	Mocksville	56.49 351	P	P	07 47 56.5	+1.3
baz=169						
V55A	Taylorsville	56.64 350	P	P	07 47 57.2	+0.8
baz=168						
V55A	Taylorsville	56.64 350	P	Iamb	07 47 57.0	+0.7
baz=172						
U59A	Littleton	56.67 353	P	P	07 47 57.3	+0.8
baz=172						
U59A	Littleton	56.67 353	P	Iamb	07 47 57.1	+0.6
comp=Z,13nm,1.1s						
V54A	Nebo	56.69 349	P	P	07 47 57.4	+0.7
baz=168						
U58A	Oxford	56.80 353	P	P	07 47 57.9	+0.5
baz=171						
U57A	Blanch	56.93 352	P	P	07 47 59.0	+0.9
baz=171						
V52A	Sevierville	57.06 348	P	Iamb	07 47 59.1	-0.2
baz=172						
V51A	Loudon	57.18 347	P	Iamb	07 47 59.7	-0.4
comp=Z,17nm,1.2s						
V51A					07 48 02.2	
comp=Z,7.0nm,1.1s						
T59A	Double "B" Far	57.26 354	P	P	07 48 01.8	+1.2
baz=173						
T59A	Double "B" Far	57.26 354	P	P	07 48 01.0	+0.4
PLAL	Pickwick Lake	57.30 343	P	P	07 48 00.4	-0.5
T58A	Grand View Acr	57.34 353	P	P	07 48 02.2	+1.0
baz=172,SNR=5.4						
U54A	Nelsons Funny	57.40 350	P	P	07 48 02.6	+0.9
baz=168						
T57A	Hurt	57.48 352	P	P	07 48 03.0	+0.8
baz=171						
JCT	Junction City	57.58 330	P	P	07 48 03.5	+0.3
T56A	Rocky Mt	57.61 351	P	P	07 48 04.0	+0.8
baz=170						
WLAR	White Oak Lake	57.66 338	P	P	07 48 04.6	+1.1
V48A	Smith Brothers	57.69 345	P	P	07 48 03.4	-0.4
baz=170						
V48A					07 48 06.1	
comp=Z,12nm,1.2s						
T55A	Pulaski	57.81 351	P	P	07 48 05.5	+0.9
baz=169						
CLTN	Cedars of Leba	57.90 345	P	Iamb	07 48 05.2	0.0
baz=172						
CLTN					07 48 07.7	
comp=Z,7.3nm,1.1s						
S58A	Poland Farm, P	57.94 353	P	P	07 48 06.3	+0.9
baz=172						
T53A	Wise	57.97 349	P	P	07 48 06.5	+0.7
baz=167						
S59A	Mechanicsville	58.01 354	P	P	07 48 06.8	+0.8
baz=173						
T52A	Halle	58.17 349	P	P	07 48 08.0	+0.9
baz=167						
S57A	Dark Hollow, R	58.19 353	P	P	07 48 08.0	+0.8
baz=171						
S57A	Dark Hollow, R	58.19 353	P	Iamb	07 48 04.5	-2.7
baz=171						
comp=Z,11nm,1.0s						
T51A	Gray	58.22 348	P	P	07 48 08.3	+0.8
baz=166						
R58B	Mineral	58.27 354	P	P	07 48 08.6	+0.9
baz=172						
R58B	Mineral	58.27 354	P	Iamb	07 48 08.8	+1.1
baz=172						
R58B					07 48 10.0	
comp=Z,15nm,1.2s						
WVT	Waverly	58.31 344	P	Iamb	07 48 07.1	-1.0
baz=170						
WVT					07 48 11.9	
comp=Z,14nm,1.4s						
S55A	Lewisburg	58.41 351	P	P	07 48 09.7	+0.9
baz=169						
R59A	King George, V	58.43 354	P	P	07 48 10.2	+1.4
baz=173						
T50A	Nancy	58.46 347	P	P	07 48 10.4	+1.3
baz=165						
TXAR	Lajitas Array	58.55 326	P	P	07 48 11.2	+1.1
comp=Z,1.8nm,1.0s,baz=152,slow=8.2,SNR=7.2						
TXAR	Lajitas Array	58.55 326	P	P	07 48 10.6	+0.6
S54A	Dingess, Beckl	58.56 350	P	P	07 48 11.0	+1.1
baz=169						
MIAR	Mount Ida	58.60 338	P	P	07 48 10.3	+0.2
baz=155,SNR=5.9						
MIAR	Mount Ida	58.60 338	P	Iamb	07 48 10.9	+0.8
baz=155						
MIAR					07 48 15.9	
comp=Z,20nm,1.5s						
R58A	Rapidan	58.62 353	P	P	07 48 11.1	+1.0
baz=172						
R57A	Stanardsville	58.67 353	P	P	07 48 11.8	+1.2
baz=172						
T49A	Edmonton	58.69 346	P	P	07 48 10.7	0.0

T49A	Edmonton	58.69 346	P	Iamb	07 48 10.4	-0.4
comp=Z,12nm,1.0s						
W41B	Gary Mavity, V	58.72 340	P	P	07 48 12.1	+1.2
WHAR	Woolly Hollow	58.84 340	P	Iamb	07 48 12.1	+0.3
comp=Z,8.3nm,1.1s						
R54A	Victor	58.88 351	P	P	07 48 12.8	+0.7
baz=169						
T47A	Sharon Grove	58.94 345	P	P	07 48 12.0	-0.5
S50A	Richmond	59.00 348	P	P	07 48 13.4	+0.5
baz=165						
LCAR	Lake Charles	59.20 341	P	P	07 48 14.2	-0.1
Q58A	Fox Den Farm,	59.22 354	P	P	07 48 15.4	+1.1
baz=173						
W39A	Magazine	59.26 338	P	P	07 48 16.3	+1.6
baz=155						
W39A	Magazine	59.26 338	P	Iamb	07 48 15.5	+0.8
comp=Z,9.4nm,1.1s						
ABTX	Abilene, Hawle	59.32 332	P	P	07 48 16.1	+0.9
baz=148						
Q57A	Strasbourg	59.39 353	P	P	07 48 16.6	+1.1
baz=172,SNR=8.4						
R51A	Hillsboro	59.44 348	P	P	07 48 16.3	+0.4
baz=166						
Q56A	Snyder Ridge,	59.48 353	P	P	07 48 17.3	+1.1
baz=171,SNR=5.8						
Q56A	Snyder Ridge,	59.48 353	P	P	07 48 16.0	-0.2
R50A	Paris	59.57 348	P	P	07 48 17.7	+0.9
baz=165						
Q53A	Leroy	59.63 350	P	P	07 48 18.3	+1.1
baz=168						
P58A	Pank, Wackersv	59.72 354	P	P	07 48 18.7	+0.8
baz=173						
P59A	Jarrettsville	59.77 355	P	P	07 48 19.0	+0.9
P57A	Homestead Farm	59.79 354	P	P	07 48 19.8	+1.6
baz=172						
P56A	Dayton Farm, R	59.90 353	P	P	07 48 20.4	+1.4
baz=171						
U40A	Yellville	60.00 340	P	P	07 48 20.1	+0.2
baz=156,SNR=5.2						
U40A	Yellville	60.00 340	P	Iamb	07 48 19.1	-0.7
comp=Z,6.7nm,1.0s						
P55A	Reedsville	60.02 352	P	P	07 48 21.2	+1.2
baz=170						
Q51A	Peebles	60.10 349	P	P	07 48 21.5	+1.1
baz=167						
S44A	Carbondale	60.16 343	P	Iamb	07 48 20.5	-0.4
comp=Z,11nm,1.4s						
SIUC	Southern Illin	60.17 343	P	Iamb	07 48 20.5	-0.5
comp=Z,7.8nm,0.9s						
SIUC					07 48 38.3	
MCWV	Mont Chateau	60.17 352	P	P	07 48 21.6	+0.7
baz=170						
P54A	Burton	60.20 351	P	P	07 48 21.9	+0.7
baz=170						
HHAR	Hobbs	60.30 339	P	Iamb	07 48 21.9	+0.1
comp=Z,11nm,1.3s						
O57A	Amberson	60.47 354	P	P	07 48 24.6	+1.6
baz=173						
MGMO	Mountain Grove	60.54 340	P	Iamb	07 48 23.3	-0.2
comp=Z,5.7nm,0.8s						
U38A	Gravelly	60.59 338	P	P	07 48 23.7	

OSPA	South Pole Qui	69.94 180	P	P	07 49 24.1 -0.2				
OSPA	comp=Z,4.6nm,0.8s		I	Amb	07 49 41.3				
CCUT	Cedar City	70.01 325	P	P	07 49 28.1 +2.8				
MSU	Marysville	70.10 327	P	P	07 49 26.4 +0.5				
P17A	Butcher Ranch,	70.11 328	P	P	07 49 25.0 +0.7				
DBIC	Dimbokro	70.19 75	P	P	07 49 25.8 -0.8				
DBIC	comp=Z,7.1nm,1.0s,baz=232,slow=5.5,SNR=5.4								
DBIC	Dimbokro	70.19 75	P	P	07 49 25.4 -1.2				
DBIC	comp=Z,9.5nm,1.0s		I	Amb	07 49 35.4				
DRLN	Deer Lake	70.21 9	P	P	07 49 25.7 -0.2				
SHPR	Sheep Range	70.24 323	P	P	07 49 25.2 -1.4				
SHPR	comp=Z,6.5nm,1.2s		I	Amb	07 49 34.3				
RSSD	Black Hills	70.87 335	P	P	07 49 31.8 +1.5				
RSSD	comp=Z,7.0nm,1.4s		I	Amb	07 49 32.1				
MPU	Maple Canyon	70.96 328	P	P	07 49 30.7 -0.2				
PSUT	Pine Spring	71.00 326	P	P	07 49 31.8 +0.5				
TPNV	Topopah Spring	71.17 323	P	P	07 49 35.0 +2.7				
FURC	Furnace Creek,	71.18 322	P	P	07 49 35.0 +3.0				
FURC	comp=Z,1.0nm,1.1s		I	Amb	07 49 40.1				
MPMC	Manual Prospect	71.25 322	P	P	07 49 35.5 +2.7				
ISA	Isabella, Lake	71.56 321	P	P	07 49 37.3 +2.7				
DUG	Dugway, Tooele	71.69 327	P	P	07 49 37.2 +1.9				
DUG	comp=Z,2.1nm,1.1s		I	Amb	07 49 40.1				
E28A	Huff	71.75 339	P	P	07 49 35.4 0.0				
R11A	Troy Canyon, C	71.79 324	P	P	07 49 38.1 +2.1				
AGMN	Agassiz Nation	71.80 343	P	P	07 49 36.6 +1.0				
AGMN	comp=Z,9.0nm,1.2s		I	Amb	07 49 54.7				
CWC	Cottonwood Crs	71.86 322	P	P	07 49 38.6 +2.2				
YES	Vestal, Richgr	72.05 320	P	P	07 49 39.5 +2.2				
PD31	Pinedale Array	72.11 331	P	P	07 49 39.4 +1.6				
PDAR	Pinedale Array	72.11 331	P	P	07 49 39.4 +1.2				
PDAR	comp=Z,0.6nm,0.7s,baz=143,slow=6.8,SNR=7.4		I	Amb	07 49 41.4				
PDAR	Pinedale Array	72.11 331	P	P	07 49 38.5 +0.7				
HWUT	Hardware Ranch	72.14 329	I	Amb	07 49 41.4				
OMMB	comp=Z,4.5nm,0.8s		I	Amb	07 49 52.0				
OMMB	comp=Z,8.0nm,1.2s		I	Amb	07 49 52.0				
NVAR	Mina Array Bea	73.36 323	P	P	07 49 47.6 +2.2				
NVAR	comp=Z,1.9nm,1.0s,baz=148,slow=5.9,SNR=8.8		I	Amb	07 49 44.5 -1.0				
NVAR	Mina Array Bea	73.36 323	P	P	07 49 45.6 -0.2				
FXWV	Fox Creek	73.46 331	P	P	07 49 46.0 -0.2				
ULM	Lac du Bonnet	73.85 344	P	P	07 49 46.0 -0.1				
IMW	Indian Meadow	73.82 331	P	P	07 49 46.2 -0.7				
RLMT	Red Lodge	73.84 333	P	P	07 49 49.8 +1.7				
LAO	LASA Array	73.86 336	P	P	07 49 49.9 +2.0				
LAO	comp=Z,1.0nm,1.2s		I	Amb	07 49 55.4				
YHE	Yellowstone No	74.07 332	P	P	07 49 49.7 +0.2				
YHH	Holmes Hill	74.27 332	P	P	07 49 52.4 +1.7				
YHL	Hebgen Lake	74.47 331	P	P	07 49 52.8 +1.0				
DGMT	Dagmar	74.60 338	P	P	07 49 54.4 +2.2				
DGMT	comp=Z,1.6nm,1.2s		I	Amb	07 50 03.8				
PAHR	Pah Rah Range	74.85 323	I	Amb	07 50 01.8				
MCMD	McKenzie Canyo	75.21 331	P	P	07 49 54.8 -1.3				
MFCD	Comas Ranch	75.59 328	P	P	07 49 58.0 -0.1				
ORV	Oroville	75.96 322	I	Amb	07 50 07.8				
EGMT	Eagleton	76.35 334	P	P	07 50 04.0 +1.7				
EGMT	comp=Z,2.2nm,1.2s		I	Amb	07 50 04.0 +1.7				
EGMT	Eagleton	76.35 334	P	P	07 50 03.6 +1.2				
EGMT	comp=Z,1.3nm,1.3s		I	Amb	07 50 09.5 +2.7				
002D	Mt. Diablo Mer	77.11 322	P	P	07 50 09.5 +2.7				
MSO	Missoula	77.22 331	P	P	07 50 09.3 +2.0				
007A	TAM	77.93 326	P	P	07 50 11.3 0.0				
TAM	Tamanrasset	85.94 64	I	Amb	07 50 53.6 -0.4				
TAM	comp=Z,1.0nm,1.1s		I	Amb	07 50 56.1				
YKA	Yellowknife Arr	89.40 341	P	P	07 51 10.1 +0.6				
H1S2	WAKE ISLAND HJ25.85 279		T	T	10 16 39.3				
H1S1	WAKE ISLAND HJ25.86 279		T	T	10 16 52.9				
H1S3	WAKE ISLAND HJ25.87 279		T	T	10 16 51.7				
H1N3	WAKE ISLAND HJ25.91 280		T	T	10 16 59.6				
H1N2	WAKE ISLAND HJ25.92 280		T	T	10 17 00.6				
H1N1	WAKE ISLAND HJ25.92 280		T	T	10 16 50.2				
ASAR	Alice Springs	130.10 210	PKP	PKP	07 57 23.8 -0.3				
ASAR	comp=Z,1.0s,baz=139,slow=5.3,SNR=29								
ASAR	Alice Springs	130.10 210	PKP	PKP	07 57 23.2 -0.9				
WRA	Warramunga Arr	130.02 213	PKP	PKP	07 57 30.8 0.0				
WRA	comp=Z,1.2nm,0.2s,baz=165,slow=1.9,SNR=1.7								
ZALV	Zalesovo Beam	141.58 23	PKP	PKP	07 57 26.5 -3.2				
ZALV	comp=Z,0.7nm,0.3s,baz=322,slow=3.4,SNR=3.7								
MZU	Zalesovo Beam	141.58 23	PKP	PKP	07 57 44.2 -0.1				
MAK2	Makanchi	145.50 34	PKP	PKP	07 57 51.2 -0.2				
NIL	Nilore	145.50 60	PKP	PKP	07 57 50.6 -1.2				
MK31	Makanchi Array	145.67 33	PKP	PKP	07 57 52.1 0.0				
MKAR	Makanchi Array	145.67 33	PKP	PKP	07 57 52.5 +0.1				
MKAR	comp=Z,1.0nm,1.0s,baz=323,slow=3.0,SNR=36								
MKAR	Makanchi Array	145.67 33	PKP	PKP	07 57 51.5 -0.2				
KLR	Kul'dur	145.67 33	PKP	PKP	07 57 53.5 +0.5				
USRK	Ussuriysk Arr	149.44 327	PKP	PKP	07 58 03.6 0.0				
USRK	comp=Z,3.3nm,0.7s,baz=306,slow=3.5,SNR=6.5								
USRK	Ussuriysk Arr	149.44 327	PKP	PKP	07 58 03.1 -0.5				
IMJAR	Matsushiro Arr	149.83 309	PKP	PKP	07 58 04.9 +0.2				
IMJAR	comp=Z,2.5nm,0.7s,baz=126,slow=1.1,SNR=6.4								
MJAR	Matsushiro Arr	149.83 309	PKP	PKP	07 58 05.0 +0.3				
SONM	Songino Array	152.39 4	PKP	PKP	07 58 10.3 +0.5				
SONM	comp=Z,1.2nm,0.8s,baz=344,slow=1.6,SNR=7.7								
SD2	Songino Array	152.39 4	PKP	PKP	07 58 09.8 0.0				
CONM	Chendgu	168.35 23	PKP	PKP	07 58 19.1 -1.5				

PNL	Peninsula	1.65 287	Pn	Pn	07 39 50.0 -0.5				
PNL	comp=Z,1.0nm,1.1s		Sg	Sg	07 39 56.3 -0.9				
PNL	Peninsula	1.65 287	Pn	Pn	07 39 50.0 -0.5				
PNL	Haines Junctio	1.72 340	Pn	Pn	07 39 57.7 -0.8				
HYT	Yakutat	1.75 281	Pn	Pn	07 39 56.9 0.0				
YUK6	Outpost Mounta	2.01 332	Sg	Sg	07 40 07.5 +0.9				
YUK6	Outpost Mounta	2.01 330	Sg	Sg	07 39 40.1 +0.6				
YUK5	Granite Creek	2.07 338	Sg	Sg	07 40 08.2 +0.3				
PCA	Pinnacle	2.19 295	Pn	Pn	07 39 42.5 -0.5				
SIT	Sitka	2.23 166	Pn	Pn	07 39 44.6 +1.0				
YUK4	Talbot Arm	2.43 332	Pn	Pn	07 39 45.9 +0.5				
YUK4	comp=Z,1.0nm,1.1s		Sg	Sg	07 40 07.5 +0.9				
CTGM	Chitina Glacie	3.07 307	Pn	Pn	07 39 45.9 -0.2				
CTGM	comp=Z,1.0nm,1.1s		Sg	Sg	07 40 38.4 -0.4				
GRNC	Granite Creek	3.13 301	Pn	Pn	07 39 55.6 -0.5				
GRNC	comp=Z,1.0nm,1.1s		Sg	Sg	07 39 55.6 -0.3				
GRNC	Granite Creek	3.13 301	Pn	Pn	07 39 55.6 -0.3				
BARN	Barnard Glacie	3.25 307	Pn	Pn	07 39 57.3 -0.4				
YUK3	Moose Creek	3.28 323	Pn	Pn	07 39 57.8 -0.3				
YUK3	comp=Z,1.0nm,1.1s		Sg	Sg	07 39 58.0 +0.8				
DLBC	Dease Lake	3.32 103	Pn	Pn	07 40 00.0 -0.8				
DLBC	comp=Z,1.0nm,1.1s		Sg	Sg	07 40 00.0 -0.8				
DLBC	Dease Lake	3.35 101	Pn	Pn	07 40 00.0 -0.8				
KIAG	Kiagna River	3.48 302	Pn	Pn	07 40 00.0 +0.8				
KIAG	comp=Z,1.0nm,1.1s		Sg	Sg	07 40 00.0 +0.8				
WRAK	Wrangell Islan	3.42 141	Pn	Pn	07 40 00.0 +0.8				
BALM	Baldy	3.53 304	Pn	Pn	07 40 00.0 +0.8				
BALM	comp=Z,1.0nm,1.1s		Sg	Sg	07 40 00.0 +0.8				
BALM	Baldy	3.53 304	Pn	Pn	07 40 01.1 -0.3				
YUK1	Sand Pete Hill	3.60 326	Pn	Pn	07 40 02.0 -0.5				
YUK1	comp=Z,1.0nm,1.1s		Sg	Sg	07 40 01.9 -0.5				
IGL	Tana Glacier	3.62 298	Pn	Pn	07 40 02.6 -0.1				
SPK	Patty Peak	3.65 300	Pn	Pn	07 40 02.9 0.0				
PTPK	Patky Peak	3.65 300	Pn	Pn	07 40 04.2 +1.0				
CROM	Crone	3.77 297	Pn	Pn	07 40 04.8 0.0				
BVCY	Beaver Creek	3.90 327	Pn	Pn	07 40 05.0 -1.5				
BVCY	comp=Z,1.0nm,1.1s		Sg	Sg	07 40 05.0 -1.5				
BERG	Berg Lake	3.92 291	Pn	Pn	07 40 08.0 +0				

FINES FINES Array B 78.16 331 P P 07 59 23.1 -2.8
NOA NORSAR Array B 85.14 332 P P 08 00 00.9 -2.0
YKA Yellowknife Ar 91.61 22 P P 08 00 32.7 -1.0

IDC 03 07:57:53.4e1.5, 20.115x:70:75W, h0km, mb4.0/3,
mb1 4.1/5, mb1mx3/7.36, mbtmp4.0/5, ML3.2, Error ellipse:
s-maj=37.5km s-min=17.3km az=61.0
GUC 03 07:57:56.8e0.8, 20.235x:70:84W, h18km, 6km, ML4.0
ISC 03 07:57:54.7e1.9, 20.175x:0.04:70:82W, 0.08, h11km, 10km,
n28, -0f57/29, mb4.1/3, 5C-4D, Near coast of northern

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Diego Aracena, Pisagua, IPOC Station P, etc.

KRSC 03 08:05:33.3-1.6, 45.94N-165.67E, h40km, 14km, ML3.7, Komandorsky Islands region

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

JMA 03 08:22:31.6-0.2, 23.94N-122.32E, h16km, 4km, M2.7

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HWA, ENLB, ENLB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TYC, LIOB, YM10, etc.

EAF 03 08:24:12.1e6.0, 25.48S-27.67E, h0km, 107km, MD3.5

NAM 03 08:24:19.0e16.0, 25.71S-27.35E, h0km, 179km, MD3.5

ISC 03 08:24:12.8-1.3, 25.41S-0.05:27.53E, 0.07, h2km, n9, e292/18, South Africa

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

NNC 03 08:27:01.2-7.6, 36.95N-70.88E, h102km, 154km, mb3.5,

mpv3.8, 5C-4D, Error ellipse: s-maj=57.2km

s-min=45.5km az=6.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31, AAK, TKM2, etc.

IDC 03 08:27:05.8e45.0, 15.99S:174.16W, h0km, mb4.2/3,

mb1 4.3/1, mb1mx3.6/42, mbtmp4.2/3, Error ellipse:

s-maj=860.1km s-min=173.5km az=70.0, Tonga Islands

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

IDC 03 08:28:49.6e0.8, 19.80S:70.84W, h0km, mb4.1/8,

mb1 4.3/1, mb1mx4.1/37, mbtmp4.2/11, ML4.2/3, MS3.8/2,

Ms1 3.9/2, ms1mx3.5/28, Error ellipse: s-maj=25.0km

s-min=14.5km az=45.0

NEIC 03 08:28:51.4e2.6, 19.89S:0.03:71.02W, h0km, 11km,

h0km, 8/66, Mw=4.6/39, Error ellipse: s-maj=7.3km

NEIC 03 08:28:51.1, 19.91S:70.99W, h18km, Moment Tensor

Solution. Moment tensor: Scale 10^15N; M15.34;

M10.15; M10.549; M10.208; M11.49; Mw=7.20; Fault

plane solution: M9.36000x10^15 NP1:az=348.29000°;

delta18.41000°, delta93.82000°. NP2:az=164.27000°, delta71.63000°;

delta87.73000°. Principal axes: T 9.0932, Plg63.0000°;

Azm72.0000°; N 0.5133, Plg1.0000°; Azm165.0000°; P

-9.6065, Plg27.0000°; Azm255.0000°;

GUC 03 08:28:52.0e2.7, 19.93S:71.06W, h21km, 5km, ML4.4

VAO 03 08:28:56.5e1.3, 19.75S:70.92W, h0km, mb4.7

ISC 03 08:28:49.3-1.6, 19.87S:0.04:71.05W, 0.05, h5km, 10km,

n134, s1916/145, mb4.8/36, 10C-2D, Off coast of northern

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

V55A	Taylorville	56.68	350	P	P	09 18 39.1	+0.4
U59A	Littleton	56.69	353	P	P	09 18 39.1	+0.4
U60A	Pendleton	56.74	354	P	P	09 18 39.2	+0.2
V54A	Nebo	56.74	349	P	P	09 18 39.5	+0.4
U58A	Oxford	56.82	352	P	P	09 18 40.5	+0.9
U57A	Blanch	56.96	352	P	P	09 18 41.1	+0.4
TKL	Tuckaleehee C	56.98	347	I	Amb	09 18 41.2	
435B	Jarrell	56.99	332	P	P	09 18 41.6	+0.7
U56A	King	57.03	351	P	P	09 18 41.8	+0.6
SWET	Sevane	57.04	345	I	Amb	09 18 41.5	
V52A	Sevierville	57.12	347	I	Amb	09 18 42.2	
T59A	Double "B" Far	57.27	353	P	P	09 18 43.1	+0.3
T59A	Double "B" Far	57.27	353	P	P	09 18 43.4	+0.6
Z41A	Richland Creek	57.28	338	P	P	09 18 43.9	+0.9
U55A	TAZ, Sparta	57.29	350	P	P	09 18 43.0	0.0
T58A	Grand View Acr	57.36	352	P	P	09 18 44.0	+0.5
U54A	Nelsons Funny	57.44	349	P	P	09 18 44.3	+0.2
T57A	Hurt	57.51	352	P	P	09 18 44.9	+0.4
T56A	Rocky Mt	57.65	351	P	P	09 18 44.7	+1.2
JCT	Junction City	57.74	330	P	P	09 18 47.0	+0.7
TZTN	Tazewell	57.79	348	P	P	09 18 46.1	-0.4
T55A	Pulaski	57.85	350	P	P	09 18 47.5	+0.6
T54A	Tazewell	57.92	350	P	P	09 18 47.7	+0.2
S58A	Poland Farm, P	57.96	353	P	P	09 18 48.0	+0.3
WHTX	Lake Whitney,	57.98	333	P	P	09 18 48.2	+0.4
T53A	Wise	58.02	349	P	P	09 18 48.0	-0.1
S56A	Natural Bridge	58.22	352	P	P	09 18 50.2	+0.7
S57A	Dark Hollow, R	58.22	352	P	P	09 18 50.0	+0.5
T52A	Hallie	58.22	348	P	P	09 18 49.1	-0.4
T51A	Gray	58.27	347	P	P	09 18 49.7	-0.2
R58B	Mineral	58.29	353	P	P	09 18 50.3	+0.3
R58B	Mineral	58.29	353	P	P	09 18 50.9	+1.0
WVT	Waverly	58.39	344	P	P	09 18 49.8	-0.9
WVT	Waverly	58.39	344	P	P	09 18 49.3	-1.4
R59A	King George, V	58.44	354	P	P	09 18 51.2	+0.3
S55A	Lewisburg	58.45	351	P	P	09 18 51.5	+0.4
T50A	Nancy	58.52	347	P	P	09 18 50.7	-0.9
S54A	Dingess, Beckl	58.60	350	P	P	09 18 51.9	-0.3
S53A	Williamson	58.62	349	P	P	09 18 51.8	-0.5
R58A	Rapidan	58.64	353	P	P	09 18 52.7	+0.3
R57A	Stanardsville	58.70	353	P	P	09 18 53.0	+0.2
MIAR	Mound Ida	58.71	338	P	P	09 18 52.9	-0.1
TXAR	Lajitas Array	58.73	326	P	P	09 18 53.7	+0.4
TXAR	Lajitas Array	58.73	326	P	P	09 18 54.1	+0.8
T49A	Edmonton	58.75	346	P	P	09 18 52.3	-0.9
W41B	Gary Mavity, V	58.83	339	P	P	09 18 53.4	-0.4
S51A	Beattyville	58.86	348	P	P	09 18 53.5	-0.4
R54A	Victor	58.92	350	P	P	09 18 54.3	-0.1
S50A	Richmond	59.06	347	P	P	09 18 54.7	-0.6
R53A	Hurricane	59.23	350	P	P	09 18 56.2	-0.3
Q58A	Fox Den Farm,	59.24	354	P	P	09 18 56.1	-0.5
S49A	Springfield	59.35	346	P	P	09 18 56.4	-1.0
W39A	Magazine	59.37	338	P	P	09 18 58.2	+0.6
Q57A	Strasburg	59.41	353	P	P	09 18 58.4	+0.7
ABTX	Ablene, Hawle	59.47	332	P	P	09 18 58.5	+0.2
R51A	Hillsboro	59.49	348	P	P	09 18 57.6	-0.7
Q56A	Snyder Ridge,	59.51	352	P	P	09 18 59.2	+0.8
Q55A	Buckhannon	59.59	351	P	P	09 18 59.7	+0.7
R50A	Paris	59.62	347	P	P	09 18 59.1	-0.2
Q53A	Leroy	59.67	350	P	P	09 18 59.4	-0.1
Q54A	Coxs Mills	59.68	351	P	P	09 18 59.1	-0.5
PBMO	Poplar Bluff	59.73	342	I	Amb	09 19 00.3	
P58A	Pank, Wackersv	59.74	354	P	P	09 19 00.3	+0.4
P59A	Jarrettsville	59.78	355	P	P	09 19 00.7	+0.5
P57A	Homestead Farm	59.81	353	P	P	09 19 01.0	+0.6
R49A	Shelbyville	59.81	347	P	P	09 18 59.8	-0.7
Q52A	Bidwell	59.90	349	P	P	09 19 00.8	-0.2
P60A	Greenville	59.91	355	P	P	09 19 01.4	+0.3
P56A	Dayton Farm, R	59.92	353	P	P	09 19 02.0	+0.8
WCI	Wyandotte Cave	60.00	346	P	P	09 19 00.7	-1.1
P55A	Reedsville	60.05	352	P	P	09 19 02.3	+0.1
U50A	Georgetown	60.10	348	P	P	09 19 02.0	-0.5
Q40A	Yellville	60.10	339	P	P	09 19 02.3	+0.7
O61A	Allentown	60.12	356	P	P	09 19 03.5	-0.1
Q51A	Peebles	60.15	349	P	P	09 19 02.5	-0.4
MVL	Millersville	60.16	355	I	Amb	09 19 03.8	
MCWV	Mont Chateau	60.20	352	P	P	09 19 03.3	+0.1
P54A	Burton	60.24	351	P	P	09 19 03.5	+0.1
SIUC	Southern Illin	60.26	343	I	Amb	09 19 03.5	
P53A	Whipple	60.26	350	P	P	09 19 03.6	0.0
P53A	Whipple	60.26	350	I	Amb	09 19 04.1	
O60A	Telford	60.40	356	P	P	09 19 04.7	+0.3

HHAR	Hobbs	60.41	338	I	Amb	09 19 05.5	
Q49A	Aurora	60.44	347	P	P	09 19 04.1	-0.7
O59A	Roberson	60.45	355	P	P	09 19 05.0	+0.1
O57A	Amberson	60.49	354	P	P	09 19 05.3	+0.2
P52A	Corning	60.53	350	P	P	09 19 04.6	-0.8
P51A	Williamsport	60.54	349	P	P	09 19 05.0	-0.5
O56A	Blue Knob Stat	60.65	353	P	P	09 19 06.4	+0.2
O56A	Blue Knob Stat	60.65	353	I	Amb	09 19 08.0	
O55A	Ligon	60.67	352	P	P	09 19 07.1	+0.7
TUL1	Leonard	60.74	337	P	P	09 19 06.9	0.0
N61A	South Mountain	60.77	357	P	P	09 19 07.1	+0.1
WMOK	Wichita Mounta	60.90	334	P	P	09 19 07.5	-0.6
N62A	Caumsett State	60.91	357	P	P	09 19 07.9	0.0
P49A	Miami Univ. Ec	60.91	347	P	P	09 19 07.4	-0.6
SSPA	Standing Stone	60.93	354	P	P	09 19 08.8	+0.7
SSPA	Standing Stone	60.93	354	P	P	09 19 09.0	+0.9
O52A	Adamsville	60.95	350	P	P	09 19 07.7	-0.6
PAL	Palisades	61.00	357	P	P	09 19 08.9	+0.4
N57A	Milroy	61.02	354	P	P	09 19 09.1	+0.3
N58A	Sunbury	61.02	355	P	P	09 19 09.1	+0.4
N58A	Sunbury	61.02	355	I	Amb	09 19 09.8	
N59A	State Game Lan	61.02	355	P	P	09 19 09.0	+0.2
O51A	Pataaskala	61.11	349	P	P	09 19 08.6	-0.7
CCM	Cathedral Cave	61.16	341	P	P	09 19 10.0	+0.4
CCM	Cathedral Cave	61.16	341	I	Amb	09 19 09.3	-0.3
N55A	Marion Center	61.20	353	P	P	09 19 10.3	+0.3
ACSO	Alum Creek Sta	61.26	349	P	P	09 19 10.1	-0.2
N56A	West Decatur	61.26	353	P	P	09 19 10.7	+0.3
M60A	Port Jervis	61.36	356	P	P	09 19 11.0	0.0
M62A	Hamden	61.39	358	P	P	09 19 11.3	+0.2
MNTX	Cornudas Mount	61.50	326	P	P	09 19 11.9	-0.3
MNTX	Cornudas Mount	61.50	326	I	Amb	09 19 12.7	+0.5
N54A	Moraine State	61.51	352	P	P	09 19 13.3	+1.2
N54A	Moraine State	61.51	352	I	Amb	09 19 13.0	
M58A	Price's Panora	61.53	355	P	P	09 19 12.7	+0.5
M57A	Sunshine Farm,	61.55	354	P	P	09 19 13.0	+0.7
M57A	Sunshine Farm,	61.55	354	I	Amb	09 19 32.4	
N52A	McGinn's Farm,	61.60	350	P	P	09 19 13.2	+0.6
M59A	Waymart	61.62	356	P	P	09 19 13.5	+0.7
R40A	Mades Station	61.68	341	I	Amb	09 19 13.8	
O48A	Farmland	61.70	347	P	P	09 19 12.5	-0.8
NVA3	Neumayer Olymp	61.76	161	P	P	09 19 13.9	+0.5
L63A	North Scituate	61.78	359	P	P	09 19 14.2	+0.4
M56A	Emporium	61.80	353	P	P	09 19 14.2	+0.2
N50A	Nevada	61.81	349	P	P	09 19 13.1	-0.9
N51A	Ashland	61.82	350	P	P	09 19 13.4	-0.7
BRYW	Bryant College	61.84	359	P	P	09 19 14.9	+0.7
L64A	Middleborough	61.85	360	P	P	09 19 14.5	+0.3
M55A	Ridgway	61.85	353	P	P	09 19 14.6	+0.2
VNA1	Newayer-Stat	61.99	160	P	P	09 19 15.7	+0.8
L60A	Shokan	61.99	357	P	P	09 19 15.6	+0.3
M54A	Oil Creek Stat	62.00	352	P	P	09 19 15.3	0.0
MSTX	Muthoe	62.03	330	P	P	09 19 15.8	-0.1
M53A	WI Miller and	62.07	351	P	P	09 19 15.8	0.0
L58A	Harry Jones Me	62.15	356	P	P	09 19 16.7	+0.3
L61A	Hillsdale 1, H	62.17	357	P	P	09 19 16.6	+0.1
L57A	Andrews Acres	62.19	355	P	P	09 19 16.6	0.0
SFIN	Lafayette	62.24	346	P	P	09 19 15.5	-1.4
L59A	Walton	62.24	356	P	P	09 19 17.4	+0.4
AMTX	Amarillo	62.29	331	P	P	09 19 17.2	-0.3
AMTX	Amarillo	62.29	331	I	Amb	09 19 19.5	
BINY	Binghamton	62.31	355	P	P	09 19 18.1	+0.7
BINY	Binghamton	62.31	355	I	Amb	09 19 18.0	+0.6
VNA2	Neumayer-Watz	62.35	161	P	P	09 19 17.7	+0.3
L56A	Greenwood	62.39	354	P	P	09 19 18.0	+0.1
L56A	Greenwood	62.39	354	I	Amb	09 19 18.5	+0.5
L61B	Northampton	62.39	358	P	P	09 19 18.1	+0.1
HRV	Adam Dziejewsk	62.42	359	P	P	09 19 18.5	+0.4
HRV	Adam Dziejewsk	62.42	359	P	P	09 19 19.1	+0.9
L53A	Girard	62.52	352	P	P	09 19 18.9	+0.1
L55A	Royalston	62.52	353	P	P	09 19 18.9	+0.1
K62A	Royalston	62.60	359	P	P	09 19 19.4	+0.1
K62A	Royalston	62.60	359	I	Amb	09 19 18.4	-0.9
K63A	Donstable	62.61	359	P	P	09 19 19.7	+0.4
K61A	Williamstown	62.63	358	P	P	09 19 19.8	+0.2
L54A	Sinclairville	62.67	353	P	P	09 19 20.0	+0.1
K59A	Coopeerstown	62.81	356	P	P	09 19 21.2	+0.4
K58A	Earlville	62.85	356	P	P	09 19 21.4	+0.3
K58A	Earlville	62.85	356	P	P	09 19 21.3	+0.3
K57A	Scioto Center	62.88	355	P	P	09 19 21.1	-0.1
K56A	Middlesex	62.92	354	P	P	09 19 21.4	-0.1
HDIL	Hopevale	62.94	344	P	P	09 19 20.6	-1.1
K54A	Basiliko Farm,	62.97	353	P	P	09 19 21.8	0.0
K55A	Perry	63.02	354	P	P	09 19 22.2	0.0

J62A	Henniker	63.15	359	P	P	09 19 23.2	+0.3
J61A	Chester	63.28	358	P	P	09 19 24.9	+1.1
P38A	Dawn	63.30	340	I	Amb	09 19 24.6	
319A	Douglas	63.36	323	P	P	09 19 26.7	+1.9
K52A	Tiltsburg						

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sundridge, Algonquin Park, Ste Athe de, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Matagami, Turquoise Moun, Deer Lake, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Willamette Mer, Tendick Farm, Hawa Hanford, etc.

IDD 03 09:11:13.2t.1.0.20:17s:70:50W, hOkm, mb4.0/7, mb1 4.3/8, mb1mx4.0/37, mbtrmp4.0/8, ML4.1/2, Error ellipse: s-maj=37.4km s-min=20.7km az=64.0 NEIC 03 09:11:19.0t.2.1.20:22s:0:03:70:36W,0:07, h41km,5km, mb4.3/5, Error ellipse: s-maj=9.5km s-min=4.4km az=85.0 ISC 03 09:11:19.3t.0.7.20:21s:0:04:70:33W,0:09, h44km, n38, e1911/33, mb4.1/8, Near coast of northern Chile

Code Station Name Az El Ph Time Res h m s ISC

W52A	Murphy	56.75 347	P	I	09 33 04.0	-0.9
W52A	comp=Z,76nm,1.1s					
V57A	Coltrane Farms	56.79 351	P	P	09 33 04.6	-0.5
V56A	Mocksville	56.82 350	P	P	09 33 05.3	0.0
U61A	Possum Corner	56.84 354	P	P	09 33 05.3	-0.1
NATX	Nacogdoches	56.87 336	P	P	09 33 06.0	+0.3
NATX	Nacogdoches	56.87 336	I	Amb	09 33 16.4	
X48A	Hartselle	56.87 344	P	I	09 33 04.2	-1.4
X48A	comp=Z,92nm,1.2s					
V55A	Taylorsville	56.98 350	P	P	09 33 06.3	-0.1
V55A	comp=Z,64nm,1.0s					
U59A	Littleton	56.99 353	P	P	09 33 06.5	0.0
Y45A	Yeager Farm, C	57.02 341	I	Amb	09 33 07.4	
V54A	Nebo	57.03 349	P	P	09 33 06.5	-0.3
U60A	Pendola Farms	57.04 354	P	P	09 33 06.8	-0.1
V53A	Saluda	57.08 348	P	P	09 33 06.3	-0.9
U58A	Oxford	57.12 352	P	P	09 33 07.4	-0.1
W50A	Signal Mountai	57.16 346	I	Amb	09 33 08.1	
435B	Jarrell	57.21 332	P	P	09 33 07.7	-0.5
CPCT	Coopers Cave	57.22 347	I	Amb	09 33 08.6	
U57A	Blanch	57.26 352	P	P	09 33 08.2	-0.2
TKL	Tuckaleechee R	57.26 347	I	Amb	09 33 08.7	
SWET	Sevanee	57.32 345	I	Amb	09 33 09.0	
U56A	King	57.33 351	P	P	09 33 09.1	+0.2
U56A	King	57.33 351	I	Amb	09 33 10.4	
V52A	Sevierville	57.41 348	P	I	09 33 08.0	-1.4
V52A	comp=Z,95nm,1.0s					
V51A	Loudon	57.52 347	I	Amb	09 33 10.5	
Z41A	Richland Creek	57.53 338	P	P	09 33 10.4	+0.1
T59A	Double "B" Far	57.58 353	P	P	09 33 10.7	0.0
OXF	Oxford	57.58 342	P	P	09 33 09.0	-1.7
U55A	T22, Sparta	57.59 350	P	P	09 33 10.4	-0.4
PLAL	Pickwick Lake	57.65 343	I	Amb	09 33 19.4	
T60A	Surry	57.66 354	P	P	09 33 11.3	+0.1
T60A	Surry	57.66 354	P	P	09 33 11.1	-0.2
T58A	Grand View Acr	57.67 353	P	P	09 33 11.4	+0.2
U54A	Nelsons Funny	57.73 349	P	P	09 33 11.3	-0.5
U54A	Nelsons Funny	57.73 349	I	Amb	09 33 12.5	
T57A	Hurt	57.81 352	P	P	09 33 12.2	-0.1
T57A	Hurt	57.81 352	I	Amb	09 33 13.5	
T56A	Rocky Mt	57.95 351	P	P	09 33 13.5	+0.3
JCT	Junction City	57.95 330	P	P	09 33 12.9	-0.5
V48A	Smith Brothers	58.04 345	P	I	09 33 12.4	-1.5
V48A	comp=Z,82nm,1.1s					
X43A	Marvell	58.04 340	P	P	09 33 13.4	-0.5
TZTN	Tazewell	58.08 348	P	P	09 33 13.1	-1.0
TZTN	Tazewell	58.08 348	I	Amb	09 33 14.5	
S61A	Accomac	58.11 355	P	P	09 33 14.6	+0.3
HPIG	Hickory Valley	58.12 323	P	P	09 33 14.5	-0.4
W45A	Hickory Valley	58.12 342	I	Amb	09 33 12.7	-1.8
W45A	comp=Z,96nm,1.0s					
T55A	Pulaski	58.15 350	P	P	09 33 14.7	0.0
BLA	Blacksburg	58.18 351	P	P	09 33 15.0	0.0
BLA	Blacksburg	58.18 351	I	Amb	09 33 25.8	
WHTX	Lake Whitney	58.20 333	P	P	09 33 14.8	-0.3
WHTX	Lake Whitney	58.20 333	I	Amb	09 33 25.2	
T54A	Tazewell	58.22 350	P	P	09 33 14.6	-0.6
S60A	Water View	58.22 354	P	P	09 33 15.1	0.0
CLTN	Cedars of Leba	58.25 345	I	Amb	09 33 15.6	
S58A	Poland Farm, P	58.27 353	P	P	09 33 15.4	-0.1
S58A	Poland Farm, P	58.27 353	I	Amb	09 33 14.8	-0.6
S58A	comp=Z,64nm,1.1s					
T53A	Wise	58.31 349	P	P	09 33 15.1	-0.8
Z38A	Mt. Pleasant	58.33 336	I	Amb	09 33 26.3	
S59A	Mechanicsville	58.34 354	P	P	09 33 16.0	+0.1
T52A	Hallie	58.51 348	P	P	09 33 16.2	-1.1
S56A	Natural Bridge	58.52 352	P	P	09 33 17.1	-0.1
S57A	Dark Hollow, R	58.52 352	P	P	09 33 17.4	+0.2
U49A	Red Boiling Sp	58.52 346	I	Amb	09 33 17.3	
T51A	Gray	58.56 348	P	P	09 33 16.5	-1.0
R58B	Mineral	58.60 353	P	P	09 33 17.9	+0.2
X40A	Basin Creek Fa	58.65 339	P	P	09 33 17.2	-1.0
WVT	Waverly	58.66 344	P	P	09 33 16.2	-2.1
WVT	comp=Z,63nm,1.1s					
WVT	Waverly	58.66 344	P	P	09 33 16.6	-1.6
WVT	Waverly	58.66 344	I	Amb	09 33 16.2	-2.1
R61A	Willards	58.73 356	P	P	09 33 18.9	+0.2
S55A	Lewisburg	58.74 351	P	P	09 33 18.9	0.0
UALR	University of	58.75 339	I	Amb	09 33 28.2	
R59A	King George, V	58.75 354	P	P	09 33 19.0	+0.2
R60A	Leonardtown, M	58.77 355	P	P	09 33 19.0	+0.1
CBN	Corbin Frederi	58.78 354	P	P	09 33 19.0	0.0
CBN	Corbin Frederi	58.78 354	P	P	09 33 19.2	+0.2
T50A	Nancy	58.80 347	P	P	09 33 18.1	-1.1
LPAR	Lepanto	58.86 341	P	P	09 33 18.7	-1.0
S54A	Dingess, Beckl	58.90 350	P	P	09 33 19.3	-0.6
S54A	Dingess, Beckl	58.90 350	I	Amb	09 33 20.6	
S53A	Williamson	58.92 349	P	P	09 33 19.1	-0.9
TXAR	Lajitas Array	58.92 326	P	P	09 33 20.1	-0.2

TXAR	Lajitas Array	58.92 326	P	P	09 33 19.6	-0.7
TXAR	Lajitas Array	58.92 326	I	Amb	09 33 19.6	-0.7
HBAR	Harrisburg	58.93 341	P	P	09 33 19.0	+1.1
R58A	Rapidan	58.94 353	P	P	09 33 20.4	+0.3
MIAR	Mount Ida	58.96 338	P	P	09 33 20.0	-0.4
R57A	Stanardsville	59.00 353	P	P	09 33 20.9	+0.4
T49A	Edmonton	59.03 346	P	P	09 33 19.8	-1.0
W41B	Gary Maity, V	59.08 339	P	P	09 33 20.6	-0.6
S52A	Salyersville	59.08 349	P	P	09 33 19.8	-1.3
LNXT	Lenox	59.09 342	P	P	09 33 20.7	-0.6
S51A	Beattyville	59.14 348	P	P	09 33 20.6	-1.0
R55A	Marlinton	59.19 351	P	P	09 33 22.3	+0.3
R55A	Marlinton	59.19 351	I	Amb	09 33 23.6	
GLAT	Glass	59.19 343	P	P	09 33 21.2	-0.7
WHAR	Wooly Hollow	59.20 339	I	Amb	09 33 30.7	
R56A	Bull Pasture M	59.22 352	P	P	09 33 22.6	+0.4
R54A	Victor	59.22 351	P	P	09 33 21.7	-0.4
G61A	Milford	59.28 356	P	P	09 33 22.9	+0.5
S50A	Richmond	59.34 347	P	P	09 33 22.0	-0.9
Q59A	Harwood	59.37 355	P	P	09 33 22.9	-0.2
Q60A	Greensboro	59.44 355	P	P	09 33 23.9	+0.3
Q60A	Greensboro	59.44 355	I	Amb	09 33 23.6	+0.1
PVMO	Portageville	59.44 342	P	P	09 33 23.1	-0.6
PEHMO	Penman	59.46 342	P	P	09 33 22.9	-0.8
R53A	Hurricane	59.52 350	P	P	09 33 23.5	-0.7
R53A	Hurricane	59.52 350	I	Amb	09 33 24.6	
Q58A	Fox Den Farm,	59.54 354	P	P	09 33 24.5	+0.2
LCAR	Lake Charles	59.55 341	I	Amb	09 33 32.6	
W39A	Magazine	59.62 338	P	P	09 33 24.9	0.0
S49A	Springfield	59.63 347	P	P	09 33 23.5	-1.4
R52A	Cattlettsburg	59.64 349	P	P	09 33 23.9	-1.1
HENM	Henderson Moun	59.66 343	P	I	09 33 24.7	-0.4
HENM	HENM	59.66 343	I	Amb	09 33 35.0	
ABTX	Ablene, Hawle	59.69 332	P	P	09 33 25.0	-0.5
ABTX	Ablene, Hawle	59.69 332	I	Amb	09 33 34.5	
PARMO	Parma	59.69 342	P	P	09 33 24.7	-0.7
FCAR	Ozark Folk Cen	59.70 340	I	Amb	09 33 34.4	
Q57A	Strasburg	59.71 353	P	P	09 33 26.1	+0.6
R51A	Hillsboro	59.78 348	P	P	09 33 25.0	-0.9
Q56A	Snyder Ridge	59.81 352	P	P	09 33 26.7	+0.6
Q55A	Buckhannon	59.88 352	P	P	09 33 27.1	+0.4
R50A	Paris	59.91 348	P	P	09 33 25.8	-1.1
SDMD	Soldier's Deli	59.93 354	I	Amb	09 33 28.2	
Q53A	Leroy	59.97 350	P	P	09 33 26.7	-0.5
Q54A	Coxs Mills	59.98 351	P	P	09 33 26.7	-0.6
Q54A	Coxs Mills	59.98 351	I	Amb	09 33 27.8	
PBMO	Poplar Bluff	59.99 342	I	Amb	09 33 35.7	
P61A	Hampton	60.03 356	P	P	09 33 26.8	-0.8
P58A	Pank, Wackersv	60.05 354	P	P	09 33 27.9	+0.1
P59A	Jarrettsville	60.09 355	P	P	09 33 28.4	+0.4
R49A	Shelbyville	60.09 347	P	P	09 33 26.6	-1.5
P57A	Homestead Farm	60.11 353	P	P	09 33 28.7	+0.5
Q52A	Bidwell	60.19 350	P	P	09 33 27.9	-0.8
P56A	Dayton Farm, R	60.23 353	P	P	09 33 29.7	+0.7
P60A	Greenville	60.23 356	P	P	09 33 28.7	-0.2
P60A	Greenville	60.23 356	I	Amb	09 33 30.1	
WCI	Wyandotte Cave	60.28 346	P	P	09 33 27.4	-2.0
WCI	Wyandotte Cave	60.28 346	I	Amb	09 33 28.2	-1.2
WCI	Wyandotte Cave	60.28 346	P	P	09 33 27.4	-2.0
WCI	Wyandotte Cave	60.28 346	I	Amb	09 33 29.2	
PSUB	Penn - 8ra	60.33 356	I	Amb	09 33 30.8	
P55A	Reedsville	60.35 352	P	P	09 33 30.0	+0.1
USIN	University of	60.36 345	I	Amb	09 33 38.4	
U40A	Yellville	60.36 339	P	P	09 33 29.2	-0.8
U40A	Yellville	60.36 339	I	Amb	09 33 39.1	
Q50A	Georgetown	60.38 348	P	P	09 33 28.7	-1.4
T42A	Van Buren	60.42 341	P	P	09 33 28.3	-2.1
O61A	Allentown	60.44 357	P	P	09 33 30.5	+0.1
Q51A	Peebles	60.44 349	P	P	09 33 29.3	-1.2
Q51A	Peebles	60.44 349	I	Amb	09 33 31.1	
MVL	Millersville	60.47 355	I	Amb	09 33 32.1	
MCWV	Mont Chateau	60.51 352	P	P	09 33 30.9	0.0
MCWV	Mont Chateau	60.51 352	I	Amb	09 33 32.2	
P54A	Burton	60.54 351	P	P	09 33 31.0	-0.2
P53A	Whale	60.56 350	P	P	09 33 30.8	-0.4
P53A	Whipple	60.56 350	I	Amb	09 33 32.0	
O58A	Lewisberry	60.64 355	P	P	09 33 32.1	+0.2
HHAR	Hobbs	60.66 339	P	P	09 33 31.5	-0.5
HHAR	HHAR	60.66 339	I	Amb	09 33 41.4	
O60A	Aurora	60.71 356	P	P	09 33 32.5	+0.2
Q49A	Aurora	60.72 347	P	P	09 33 31.1	-1.3
PAGS	Pennsylvania G	60.73 355	I	Amb	09 33 33.7	
O59A	Robesonia	60.77 355	P	P	09 33 33.0	+0.3
O57A	Amberson	60.79 354	P	P	09 33 33.3	+0.4
P52A	Corning	60.82 350	P	P	09 33 31.8	-1.2
Q48A	North Vernon	60.83 347	P	P	09 33 31.5	-1.5
P51A	Williamsport	60.83 349	P	P	09 33 31.7	-1.4
P51A	Williamsport	60.83 349	I	Amb	09 33 33.1	
MGMO	Mount Grove	60.90 340	P	P	09 33 32.9	-0.7
O56A	Blue Knob Stat	60.95 353	P	P	09 33 34.3	+0.3
U38A	Gravette	60.95 338	I	Amb	09 33 42.7	

O55A	Ligonier	60.98 352	P	P	09 33 34.4	+0.2
TUL1	Leonard	60.98 337	P	P	09 33 33.6	-0.6
BRNJ	Basking Ridge	61.03 357	P	I	09 33 33.9	-0.5
BRNJ	comp=Z,72nm,1.1s	</				

ALLY SFIN	Alegheny Colle Lafayette	62.50 352	P	P	09 33 43.6	-0.7
AFIN	Lafayette	62.52 346	I	Amb	09 33 42.6	-1.8
QUA2	Belchertown	62.53 359	I	Amb	09 33 45.7	
L59A	Walton	62.55 356	P	P	09 33 45.1	+0.3
M52A	Chesterland	62.56 351	P	P	09 33 44.0	-0.8
M52A	Chesterland	62.56 351	I	Amb	09 33 45.2	
WCX	Boston College	62.57 360	I	Amb	09 33 46.0	
BES	Weston	62.62 359	I	Amb	09 33 46.5	
BINY	Binghamton	62.63 356	P	P	09 33 45.4	+0.2
O44A	Mansfield	62.63 345	P	P	09 33 43.0	-2.3
U32A	Winter Ranch	62.63 334	P	P	09 33 44.2	-1.2
L56A	Greenwood	62.70 354	P	P	09 33 45.6	-0.1
M50A	Fremont	62.70 350	P	P	09 33 45.6	-0.1
L61B	Northampton	62.71 358	P	P	09 33 45.6	-0.1
HRV	Adam Dzewiowski	62.75 359	P	P	09 33 45.9	0.0
HRV	Adam Dzewiowski	62.75 359	P	P	09 33 46.2	+0.3
HRV	Adam Dzewiowski	62.75 359	P	P	09 33 45.9	0.0
HSIG	HSIG	62.75 320	I	Amb	09 33 46.2	-0.1
L53A	Girard	62.82 352	P	P	09 33 45.9	-0.6
L55A	Hinsdale	62.83 354	P	P	09 33 46.3	-0.2
K62A	Royalston	62.92 359	P	P	09 33 47.3	+0.2
K62A	Royalston	62.92 359	I	Amb	09 33 48.9	
K60A	Five Rivers En	62.92 357	P	P	09 33 47.6	+0.5
K63A	Dunstable	62.93 359	P	P	09 33 47.5	+0.3
ERP A	Erie	62.95 352	P	P	09 33 46.6	-0.7
K61A	Williamstown	62.95 358	P	P	09 33 47.6	+0.3
L54A	Sinclairville	62.98 353	P	P	09 33 47.5	-0.1
P40A	Paris	63.02 342	I	Amb	09 33 56.2	
TRY	Troy	63.03 358	P	P	09 33 48.0	+0.2
M48A	Edgerton	63.08 348	P	P	09 33 46.7	-1.5
K59A	Cooperstown	63.13 357	P	P	09 33 48.9	+0.4
K58A	Earlville	63.16 356	P	P	09 33 48.7	-0.1
K57A	Scipio Center	63.20 355	P	P	09 33 48.5	-0.5
HDIL	Hopedale	63.22 344	P	P	09 33 47.4	-1.7
K56A	Middlesex	63.23 355	P	P	09 33 48.9	-0.4
K54A	Basiliiko	63.28 353	P	P	09 33 49.3	-0.2
K55A	Perry	63.33 354	P	P	09 33 49.5	-0.3
J62A	Hemlock	63.47 359	P	P	09 33 51.2	+0.4
J63A	Stratford	63.52 360	P	P	09 33 51.1	+0.1
J60A	Lant Hill Farm	63.53 358	P	P	09 33 51.6	+0.4
319A	Douglas	63.54 323	I	Amb	09 34 04.7	
P38A	Dawn	63.56 340	I	Amb	09 33 59.9	
121A	Cookes Peak, D	63.60 325	P	P	09 33 52.8	+0.7
121A	Cookes Peak, D	63.60 325	P	P	09 33 52.7	+0.5
J61A	Chester	63.60 358	P	P	09 33 52.1	+0.5
K52A	Tilsonburg	63.69 352	P	P	09 33 51.0	-0.7
SNA A	Sanae	63.71 161	P	LR	09 33 52.8	+0.6
SNA A	Sanae	63.71 161	LR	LR	09 59 23.1	
SNA A	Sanae	63.71 161	P	P	09 33 52.2	0.0
SNA A	Sanae	63.71 161	P	P	09 33 52.2	0.0
J58A	Remsen	63.74 356	P	P	09 33 52.4	-0.2
J58A	Remsen	63.74 356	I	Amb	09 34 05.8	
K51A	Iona Station	63.74 351	P	P	09 33 51.4	-1.2
J56A	Wolcott	63.76 355	P	P	09 33 52.1	-0.6
J59A	Piesco	63.80 357	P	P	09 33 53.0	0.0
J59A	Piesco	63.80 357	P	P	09 33 52.6	-0.3
MEDO	Medina	63.80 354	I	Amb	09 33 53.9	
J57A	Williamstown	63.83 356	P	P	09 33 52.9	-0.3
J54A	Hilton	63.84 354	P	P	09 33 52.7	-0.5
J55A	Appleton	63.93 354	P	P	09 33 53.3	-0.5
J54A	Appleton	63.93 354	I	Amb	09 33 54.6	
K50A	Casco	63.97 350	P	P	09 33 52.6	-1.4
I58A	Old Forge	64.05 357	P	P	09 33 54.5	-0.1
I59A	Olmsteadville	64.10 357	P	P	09 33 55.0	+0.1
I62A	Tamworth	64.11 359	P	P	09 33 55.4	+0.4
I62A	Tamworth	64.11 359	P	P	09 33 54.7	-0.2
K49A	Clarkson	64.11 350	P	P	09 33 53.4	-1.6
J52A	Paris	64.11 352	P	P	09 33 54.4	-0.6
KSU1	Kansas State U	64.11 338	P	P	09 33 54.0	-1.1
I60A	Shoreham	64.12 358	P	P	09 33 55.4	+0.4
I64A	Boothbay	64.16 1	P	P	09 33 56.0	+0.7
I61A	Ororobo, Fair	64.18 359	P	P	09 33 56.3	+0.9
K48A	Perry	64.25 349	P	P	09 33 54.3	-1.6
I63A	Otisfield	64.28 0	P	P	09 33 56.8	+0.7
I63A	Otisfield	64.28 0	I	Amb	09 33 58.2	
NCB	Newcomb	64.29 357	I	Amb	09 33 57.6	
I57A	Carthage	64.33 356	P	P	09 33 56.2	-0.2
Y22D	IRIS PASCAL I	64.36 327	P	P	09 33 56.2	-0.8
PECO	Prince Edward	64.43 355	I	Amb	09 34 06.6	
LBNH	Lisbon	64.48 359	P	P	09 33 57.9	+0.5
N38A	Joel South For	64.53 341	I	Amb	09 34 06.3	
VT1	Waterbury	64.59 358	I	Amb	09 33 59.8	

J49A	Marlette	64.62 350	P	P	09 33 56.8	-1.5
J48A	Bridge Port	64.67 349	P	P	09 33 57.2	-1.4
J48A	Bridge Port	64.67 349	P	P	09 33 57.5	-1.1
L42A	Oliver, Polo	64.67 344	I	Amb	09 33 57.9	
H58A	Gabriels	64.73 357	P	P	09 33 59.0	0.0
I51A	Liston	64.74 352	P	P	09 33 58.1	-1.0
I55A	Frankford	64.77 354	P	P	09 33 58.8	-0.5
H61A	Lyndora	64.78 359	P	P	09 33 59.9	0.0
J47A	Summer	64.79 349	P	P	09 33 57.8	-1.6
WVL	Waterville	64.81 1	I	Amb	09 34 01.3	
H62A	Milan	64.81 360	P	P	09 34 00.0	+0.5
H62A	Milan	64.81 360	I	Amb	09 34 00.8	
ANMO	Albuquerque	64.81 328	/P	/P	09 33 59.7	-0.3
ANMO	Albuquerque	64.81 328	/P	/P	09 34 00.4	+0.4
ANMO	Albuquerque	64.81 328	P	P	09 33 59.7	-0.3
H60A	Morristown	64.82 358	P	P	09 34 00.0	+0.4
H57A	Richville	64.84 356	P	P	09 33 59.6	-0.1
H64A	Troy	64.89 1	P	P	09 34 00.5	+0.5
H63A	New Sharon	64.90 1	P	P	09 34 00.5	+0.5
H59A	Cadyville	64.94 358	P	P	09 34 00.5	+0.1
LONY	Lake Ozonia	64.95 357	P	P	09 34 00.5	0.0
LONY	Lake Ozonia	64.95 357	I	Amb	09 34 01.9	
H65A	Eastbrook	64.97 2	P	P	09 34 00.9	+0.4
EMMW	East Machias	65.01 3	I	Amb	09 34 02.5	
K43A	Burlington	65.01 346	P	P	09 33 58.5	-2.4
H56A	Elgin	65.03 356	P	P	09 34 00.7	-0.2
CBKS	Cocle Bluff	65.03 335	P	P	09 34 01.1	-0.1
H55A	Tweed	65.06 355	P	P	09 34 00.8	-0.3
DELO	Deloro Mine	65.06 355	I	Amb	09 34 02.1	
TUC	Tucson	65.08 323	P	P	09 34 01.9	+0.2
TUC	Tucson	65.08 323	P	P	09 34 02.4	+0.7
TUC	Tucson	65.08 323	P	P	09 34 01.9	+0.2
H66A	Whiting	65.09 3	P	P	09 34 01.6	+0.3
I49A	Point Hope	65.13 350	P	P	09 34 00.4	-1.2
I49A	Point Hope	65.13 350	P	P	09 34 00.0	-1.6
H3A	Halifax	65.19 6	I	Amb	09 34 03.4	
H53A	Bobcaygeon	65.21 354	P	P	09 34 01.7	-0.4
G60A	Masonville	65.35 359	P	P	09 34 03.3	+0.3
G59A	Clarence	65.36 358	P	P	09 34 02.9	-0.1
G63A	Kingsbury	65.36 1	P	P	09 34 03.3	+0.2
H52A	Wyevale	65.42 353	P	P	09 34 02.8	-0.7
H62A	West of Eustis	65.45 0	P	P	09 34 04.3	+0.5
G57A	Newington	65.46 357	P	P	09 34 03.8	+0.1
G58A	Ormswton	65.46 357	P	P	09 34 03.9	+0.2
SAD A	Sadovva	65.46 353	I	Amb	09 34 04.2	
I47A	Gladin	65.49 349	P	P	09 34 02.8	-1.2
I47A	Gladin	65.49 349	P	P	09 34 01.8	-2.2
G65A	Princeton	65.50 2	P	P	09 34 04.1	+0.1
G65A	Princeton	65.50 2	I	Amb	09 34 05.5	
G64A	Maxfield	65.51 1	P	P	09 34 04.2	+0.1
PKME	Peaks-Kenny Pk	65.51 1	P	P	09 34 04.4	+0.3
PKME	Peaks-Kenny Pk	65.51 1	I	Amb	09 34 05.6	
I48A	Sherman Twp	65.52 350	P	P	09 34 02.8	-1.3
G61A	St-Isidore-de-	65.52 359	P	P	09 34 05.0	+0.8
PLVO	Plevna	65.53 355	I	Amb	09 34 05.3	
SCIA	State Center	65.55 342	P	P	09 34 03.6	-0.8
SCIA	State Center	65.55 342	I	Amb	09 34 13.5	
I46A	Reed City	65.59 348	P	P	09 34 02.9	-1.7
T25A	Trinidad	65.61 331	P	P	09 34 05.4	+0.2
JFWS	Jewell Farm	65.67 344	P	P	09 34 03.8	-1.4
JFWS	Jewell Farm	65.67 344	I	Amb	09 34 13.6	
G55A	Calabogie	65.72 355	P	P	09 34 04.8	-0.6
G53A	Haliburton	65.76 354	P	P	09 34 05.2	-0.5
I45A	Fountain	65.83 348	P	P	09 34 04.3	-1.8
N33A	J Bar K, Exete	65.86 338	P	P	09 34 06.1	-0.4
F63A	Nahmakanta, Br	65.95 1	P	P	09 34 06.9	-0.1
F63A	Nahmakanta, Br	65.95 1	I	Amb	09 34 08.6	
H48A	Harrisville	65.95 350	P	P	09 34 05.5	-1.5
H48A	Harrisville	65.95 350	I	Amb	09 34 06.8	
G54A	Lake Saint Pet	65.98 354	P	P	09 34 06.6	-0.5
214A	Organ Pipe Nat	65.98 321	P	P	09 34 08.4	+0.9
214A	Organ Pipe Nat	65.98 321	P	P	09 34 08.2	+0.7
H47A	Mio	66.00 349	P	P	09 34 05.6	-1.7
K38A	Parkburg	66.10 342	I	Amb	09 34 16.3	
F59A	Saint Guillaume	66.11 358	P	P	09 34 08.0	+0.1
F64A	Sherman	66.13 2	P	P	09 34 08.0	0.0
F64A	Sherman	66.13 2	I	Amb	09 34 09.7	
F57A	Harrington	66.15 357	P	P	09 34 07.9	-0.3
F58A	St-Lin Laurent	66.16 358	P	P	09 34 07.9	-0.3
GBN	Guysborough	66.17 7	I	Amb	09 34 09.2	
F61A	St Evariste	66.21 360	P	P	09 34 08.4	-0.1
F60A	Warwick	66.21 359	P	P	09 34 08.4	-0.2
F55A	Otter Lake	66.27 356	P	P	09 34 08.4	-0.6
I42A	Draeger Farm,	66.27 346	I	Amb	09 34 09.3	

GLMI	Graying	66.29 349	P	P	09 34 08.8	-0.3
GLMI	Graying	66.29 349	P	P	09 34 07.8	-1.4
H45A	Beulah	66.36 348	P	P	09 34 07.9	-1.6
KSC0	Kaye Shedlock	66.38 333	P	P	09 34 10.0	0.0
F52A	Sundridge	66.50 353	P	P	09 34 09.8	-0.6
G47A	Hilltop	66.50 350	P	P	09 34 09.3	-1.2
ALGO	Algonquin Park	66.53 354	P	P	09 34 09.8	-0.8
H43A	Windswept, Lux	66.57 347	P	P	09 34 08.2	-2.7
SDCO	Great Sand Dun	66.60 330	P	P	09 34 12.0	+0.4
SDCO	Great Sand Dun	66.60 330	I	Amb	09 34 21.6	
E60A	Ste Agathe de	66.61 359	P	P	09 34 11.0	-0.1
W18A	Petrified Fore	66.63 326	P	P	09 34 12.1	+0.3
W18A	Petrified Fore	66.63 326	P	P	09 34 11.4	-0.3
E58A	La Vertrie	66.65 358	P	P	09 34 11.3	-0.1
E61A	Lac Etchemin	66.67 0	P	P	09 34 12.0	+0.5
E63A	Oxbow	66.69 2	P	P	09 34 12.0	+0.4
E63A	Oxbow	66.69 2	I	Amb	09 34 13.2	

VLDQ	Val d'Or	68.62 355	I	Amb	I	Amb	09 34 24.8
PV12	Saucer Basin	68.63 329	I	Amb	I	Amb	09 34 41.0
PV17	East Wray Mesa	68.67 328	I	Amb	I	Amb	09 34 34.7
PV19	Morning Glory	68.71 328	P	P	P	09 34 25.7 +0.9	
BC10	Big Chuckawalla	68.75 321	P	P	P	09 34 25.8 +0.7	
PV21	Paradox Valley	68.79 328	I	Amb	I	Amb	09 34 35.0
PV22	Blue Mesa, Par	68.79 329	I	Amb	I	Amb	09 34 35.5
MONP2	Monument Peak	68.80 320	P	P	P	09 34 26.1 +0.5	
PV23	Carpenter Ridg	68.83 329	I	Amb	I	Amb	09 34 35.7
PV21	Cone Mtn., Par	68.90 329	P	P	P	09 34 25.0 -1.1	
IRM	Iron Mountain	68.92 322	P	P	P	09 34 27.0 +0.9	
U15A	North Rim	68.97 325	I	Amb	I	Amb	09 34 37.8
NEE2	Needles Airpor	69.06 322	P	P	P	09 34 28.3 +1.5	
D41A	Chassel	69.20 347	I	Amb	I	Amb	09 34 28.1
109C	Camp Pilot, M	69.21 319	P	P	P	09 34 29.5 +1.7	
BELC	Belle Mtn. Jos	69.32 321	P	P	P	09 34 29.6 +1.0	
XPFO	Pion Flat	69.32 320	P	P	P	09 34 30.3 +1.7	
PFO	Pinyon Flats O	69.32 320	ceP	pmax	pmax	09 34 30.8 +2.2	
PFO	Pinyon Flats O	69.32 320	P	P	P	09 34 29.8 +1.1	
PFO	Pinyon Flats O	69.32 320	P	P	P	09 34 30.3 +1.6	
N23A	Red Feather La	69.36 332	P	P	P	09 34 29.3 +0.4	
E38A	The Farm, Bru	69.46 345	P	P	P	09 34 27.7 -1.3	
E38A	The Farm, Bru	69.46 345	I	Amb	I	Amb	09 34 29.2
PHWY	Pilot Hill	69.48 333	I	Amb	I	Amb	09 34 40.4
QSPA	South Pole Qu	69.63 180	P	P	P	09 34 31.0 +0.9	
QSPA	South Pole Qu	69.63 180	I	Amb	I	Amb	09 34 32.4
SUSD	Miller	69.66 339	P	P	P	09 34 29.6 -0.7	
SUSD	Miller	69.66 339	I	Amb	I	Amb	09 34 39.7
GMRC	Granite Mounta	69.67 322	P	P	P	09 34 31.8 +1.0	
LIC	Lamto	69.73 75	eP	P	P	09 34 29.8 -1.6	
MURC	Murrieta	69.75 320	P	P	P	09 34 30.8 -0.4	
O20A	White River Ci	69.79 330	P	P	P	09 34 31.9 +0.4	
O20A	White River Ci	69.79 330	P	P	P	09 34 32.1 +0.6	
O20A	White River Ci	69.79 330	I	Amb	I	Amb	09 34 43.3
TIC	Toumoud	69.91 75	eP	P	P	09 34 31.3 -1.3	
KIC	Kosan Boka	70.05 75	eP	P	P	09 34 32.0 -1.4	
BBRC	Big Bear Solar	70.05 320	P	P	P	09 34 34.2 -1.0	
DBIC	Dimbokri	70.07 75	P	P	P	09 34 32.2 -1.3	
DBIC	Dimbokri	70.07 75	LR	LR	LR	10 03 58.1	
DBIC	Dimbokri	70.07 75	I	Amb	I	Amb	09 34 33.5
HEC	Hector, Ludlow	70.09 321	P	P	P	09 34 34.6 +1.3	
MATQ	Matagan	70.27 355	P	P	P	09 34 32.7 -1.2	
TUQ	Turquoise Moun	70.28 322	P	P	P	09 34 35.6 +1.1	
BFSC	Mount Baldy Ra	70.47 320	P	P	P	09 34 36.5 +0.8	
P17A	Butcher Ranch,	70.48 328	P	P	P	09 34 36.1 +0.4	
RWWY	Rawlins	70.56 332	I	Amb	I	Amb	09 34 47.3
TCRU	Three Creeks R	70.69 326	P	P	P	09 34 37.4 +0.3	
EYMN	Ely	70.70 345	P	P	P	09 34 35.4 -1.2	
GSC	Goldstone, Bar	70.70 321	P	P	P	09 34 38.1 +1.1	
MWC	Mount Wilson	70.70 320	P	P	P	09 34 39.4 +2.2	
MWC	Mount Wilson	70.70 320	pmax	pmax	pmax		
MWC	Mount Wilson	70.70 320	P	P	P	09 34 39.4 +2.2	
PASC	Pasadena Art C	70.75 320	I	Amb	I	Amb	09 34 38.9 +1.7
PASC	Pasadena Art C	70.75 320	I	Amb	I	Amb	09 34 48.1
SHOC	Shoshone, Tec	70.81 322	P	P	P	09 34 38.5 +0.9	
DECC	Green Verdugo	70.89 320	P	P	P	09 34 39.2 +1.0	
K22A	Casper	71.04 333	P	P	P	09 34 39.5 +0.4	
K22A	Casper	71.04 333	I	Amb	I	Amb	09 34 49.9
EDW2	Edwards Air Fo	71.11 320	P	P	P	09 34 39.8 +0.3	
RSSD	Black Hills	71.24 335	P	P	P	09 34 40.3 0.0	
RSSD	Black Hills	71.24 335	pmax	pmax	pmax		
RSSD	Black Hills	71.24 335	P	P	P	09 34 40.5 +0.2	
RSSD	Black Hills	71.24 335	P	P	P	09 34 40.3 0.0	
LRMC	Laurel Mtn Rad	71.34 321	P	P	P	09 34 41.8 +0.8	
D32A	Dogwood Acres,	71.43 341	I	Amb	I	Amb	09 34 50.3
TPNV	Topopah Spring	71.54 323	P	P	P	09 34 43.9 +1.7	
TPNV	Topopah Spring	71.54 323	I	Amb	I	Amb	09 34 53.9
FURC	Furnace Creek,	71.55 322	P	P	P	09 34 43.3 +1.3	
MPMC	Manual Prospa	71.62 322	P	P	P	09 34 43.4 +0.6	
ARVC	Arvin	71.78 320	P	P	P	09 34 44.4 +0.9	
ISA	Isabella, Lake	71.93 321	P	P	P	09 34 45.6 +1.1	
DUG	Dugway, Tooele	72.06 327	P	P	P	09 34 46.4 +1.2	
DUG	Dugway, Tooele	72.06 327	I	Amb	I	Amb	09 35 04.8
E28A	Huff	72.11 339	P	P	P	09 34 44.4 -0.3	
AGMN	Agassiz Nant	72.15 333	P	P	P	09 34 44.6 -0.8	
R11A	Troy Canyon, C	72.17 324	P	P	P	09 34 47.2 +1.2	
GRAC	Grapevine Rang	72.21 322	P	P	P	09 34 47.5 +1.4	
PBM	Mpgherson Peak	72.22 319	P	P	P	09 34 47.6 +1.2	
TBI	Tubuai	72.23 251	eS	S	S	09 44 11.2 +1.4	
TBI	Tubuai	72.23 251	eLR	LR	LR	09 56 51.5	
CWC	Cottonwood Cre	72.23 321	P	P	P	09 34 47.6 +1.2	
YES	Vestal, Richgr	72.42 320	P	P	P	09 34 48.2 +1.0	
PDAR	Pinedale Array	72.47 331	P	P	P	09 34 47.8 0.0	
PDAR	Pinedale Array	72.47 331	P	P	P	09 34 47.1 -0.7	
BW06	Boulder Array	72.47 331	P	P	P	09 34 47.7 -0.1	
SPMC	Simmler	72.61 319	P	P	P	09 34 49.6 +1.1	
SPUT	South Promonto	72.72 328	P	P	P	09 34 49.6 +0.4	
MDND	Madlock	72.87 340	P	P	P	09 34 49.5 -0.2	
AHID	Auburn Hatcher	73.18 330	P	P	P	09 34 52.0 0.0	
AHID	Auburn Hatcher	73.18 330	I	Amb	I	Amb	09 35 01.7
HVU	Hansel Valley	73.23 328	P	pmax	pmax	09 34 51.8 -0.4	
HVU	Hansel Valley	73.23 328	P	pmax	pmax		

HVU	Hansel Valley	73.23 328	P	P	P	09 34 51.8 -0.4	
MLAC	Mammoth, Mam	73.49 322	P	P	P	09 34 54.8 +0.9	
REDW	Red Top Meadow	73.53 331	I	Amb	I	Amb	09 35 05.0
TPAW	Ted Pappas	73.68 331	P	P	P	09 34 54.3 -0.6	
NVAR	Mina Array	73.73 323	P	P	P	09 34 56.3 +1.0	
NVAR	Mina Array	73.73 323	P	P	P	09 34 56.1 +0.8	
PPT2	Papeete2	73.92 257	eS	S	S	09 44 30.0 +0.7	
PPT2	Papeete2	73.92 257	eLR	LR	LR	09 57 40.3	
ULM	Lac du Bonnet	73.93 343	P	P	P	09 34 54.6 -1.2	
ULM	Lac du Bonnet	73.93 343	I	Amb	I	Amb	09 35 04.2
IMW	Indian Meadow	73.99 331	I	Amb	I	Amb	09 35 07.8
FLWY	Flagg Ranch	74.02 331	P	P	P	09 34 57.6 +0.7	
FLWY	Flagg Ranch	74.02 331	I	Amb	I	Amb	09 35 14.6
RLMT	Red Lodge	74.21 333	P	P	P	09 34 58.4 +0.4	
H17A	Grant Village	74.21 331	P	P	P	09 34 59.3 +1.3	
LAO	LASA Array	74.23 335	P	P	P	09 34 58.1 +0.2	
LAO	LASA Array	74.23 335	I	Amb	I	Amb	09 35 07.6
YUF	Upper Falls	74.43 332	P	P	P	09 35 00.9 +1.6	
YHB	Horse Butte	74.77 331	P	P	P	09 35 01.8 +0.6	
DGMT	Dagmar	74.96 338	P	P	P	09 35 02.8 +0.6	
DGMT	Dagmar	74.96 338	I	Amb	I	Amb	09 35 12.8
SCHO	Schefferville	75.15 2	P	P	P	09 35 02.5 -0.3	
PAHR	Pah Rah Range	75.22 323	P	P	P	09 35 04.5 +0.7	
MFID	Camas Ranch	75.96 328	I	Amb	I	Amb	09 35 25.9
LRM	Lincoln Ridge	76.16 331	P	P	P	09 35 09.8 +0.6	
EGMT	Eagleton	76.72 334	P	P	P	09 35 12.1 0.0	
EGMT	Eagleton	76.72 334	I	Amb	I	Amb	09 35 21.8
O03E	Paycock Creek	76.99 322	P	P	P	09 35 14.2 +0.3	
MOD	Modoc Plateau	77.23 324	P	P	P	09 35 15.5 +0.3	
J08A	Circle Bar Ran	77.26 326	P	P	P	09 35 16.0 +0.7	
O02D	Mt. Diablo Mer	77.48 322	P	P	P	09 35 16.6 0.0	
VNDA	Vanda	77.49 190	P	P	P	09 35 17.7 +1.7	
MSO	Missoula	77.59 331	P	P	P	09 35 17.6 +0.5	
N02D	Trinity Center	77.95 322	P	P	P	09 35 18.9 -0.2	
SYO	Syowa Base	77.96 160	iP	P	P	09 35 18.0 -0.7	
SYO	Syowa Base	77.96 160	iP	P	P	09 35 23.0 +1.9	
SYO	Syowa Base	77.96 160	iP	P	P	09 35 25.0 +3.0	
SYO	Syowa Base	77.96 160	iP	P	P	09 35 27.0 +1.5	
M04C	Macdoel	78.00 323	P	P	P	09 35 19.8 +0.3	
M02C	Callahan	78.31 332	P	P	P	09 35 21.2 +0.1	
JTMT	Jette	78.44 323	P	P	P	09 35 22.5 +0.8	
L04D	Klamath Falls	78.55 324	P	P	P	09 35 22.4 -0.1	
J05D	Fort Rock, OR	78.67 325	P	P	P	09 35 23.6 +0.4	
PINE	Pine Mountain	78.86 325	P	P	P	09 35 24.4 +0.2	
J04D	Umpqua Nationa	79.12 324	P	P	P	09 35 26.1 +0.4	
L02E	Cave Junction	79.24 323	P	P	P	09 35 27.1 +1.0	
I05D	Terrebonne, OR	79.44 326	P	P	P	09 35 28.3 +1.0	
FFC	Flin Flon	79.62 342	ceP	pmax	pmax	09 35 27.5 -0.4	
FFC	Flin Flon	79.62 342	pmax	pmax	pmax		
FFC	Flin Flon	79.62 342	P	P	P	09 35 27.6 -0.3	
K02D	Willamette Mer	79.62 323	P	P	P	09 35 28.7 +0.3	
I04A	Tendick Farm,	79.65 325	P	P	P	09 35 28.3 -0.1	
E08A	Dider Farm, El	79.76 328	P	P	P	09 35 27.9 -1.0	
F07A	Phinny Hill Vi	79.78 327	P	P	P	09 35 28.8 -0.2	
G05D	Wamic, OR	80.04 326	P	P	P	09 35 31.6 +1.1	
J01E	Myrtle Point	80.07 323	P	P	P	09 35 31.2 +0.6	
I03D	Drain, OR	80.10 324	P	P	P	09 35 31.2 +0.5	
NEW	Newport	80.11 331	P	P	P	09 35 30.5 -0.3	
H04D	Lebanon	80.31 325	P	P	P	09 35 32.3 +0.4	
SUR	Sutherland	80.48 121	P	P	P	09 35 34.1 +0.5	
F05D	White Salmon	80.55 327	P	P	P	09 35 34.1 +1.0	
G03A	McMinnville, O	81.05 325	P	P	P	09 35 37.9 +2.1	
F04D	Amboy	81.08 326	I	Amb	I	Amb	09 35 46.0
E04D	Cinebar	81.57 327	P	P	P	09 35 39.3 +0.7	
D05A	Enumclaw	81.70 327	P	P	P	09 35 40.0 +0.8	
D05A	Enumclaw	81.70 327	I	Amb	I	Amb	09 35 49.1
TSUM	Tsumeb	81.90 107	P	P	P	09 35 41.7 +0.5	
TSUM	Tsumeb	81.90 107	I	Amb	I	Amb	09 35 43.0
MORF	Marmelete	81.96 45	eP	P	P	09 35 41.0 0.0	
MORF	Marmelete	81.96 45	eP	P	P	09 35 42.5 +1.6	
D04E	Lakebay	82.09 327	P	P	P	09 35 41.4 +0.2	
B05A	Bryant	82.48 328	P	P	P	09 35 42.8 -0.4	
PNCL	Nicolau / Gran	82.49 45	eP	P	P	09 35 44.1 +0.5	
D03D	Eldon	82.49 327	P	P	P	09 35 44.2 +0.8	
PCVE	Castro Verde	82.55 45	eP	P	P	09 35 44.9 +1.0	
PVAQ	Vaqueiros	82.64 46	eLR	LR	LR	10 03 40.3	
PBEJ	Beja	82.88 45	eP	P	P	09 35 46.1 +0.5	
PSBE	So Bento	83.08 43	eP	P	P	09 35 47.4 +0.7	
A04D	Lummi Island	83.09 328	P	P	P	09 35 47.2 +0.7	
PMTG	Montargil	83.21 44	eP	P	P	09 35 46.5 -0.8	
PTOM	Tomar	83.39 43	eP	P	P	09 35 48.5 +0.3	
PGC	Cambridge, 1.5s	83.41 328	P	P	P	09 35 48.5 +0.5	
PESTR	Estremoz	83.52 44	eP	P	P	09 35 46.5 -2.4	
PCAS	Casmilo, Conde	83.57 43	eP	P	P	09 35 50.0 +0.8	
PMRV	Marv???	83.95 44	eP	P	P	09 35 51.5 +0.4	
PMRV	Marv???	83.95 44	eLR	LR			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AA1, SJUI, USA0B, etc.

Azm6.0000°; N -0.1238, Plg17.0000°, Azm119.0000°; P -4.2060, Plg32.0000°, Azm20.0000°; NEIC 03 09:30:24.9z.2.1.5.24z.0.06;102.28E.0.06;h44km;3km, mb5.6/13s, Ms.20.5/8.648, Mwbs.7/26, Mwcs.9(GCMT) Error ellipse: s-maj=9.3km s-min=8.1km az=65.0 GCMT 03 09:30:26.9z.0.3.5.47z.0.02;101.83E.0.03;h35km;1km, Mw5.9/78, Moment Tensor Solution. s49.c54; s78.c115; Duration: 2s1 Moment tensor: Scale 10^18Nm; Mn:0.85z.04; Mo:0.36z.03; Ms:0.49z.03; Mw:0.23z.03; Mw:0.25z.01; Mw:0.39z.03; Best double couple: Mw:0.89100x10^17; NP1:0.321,00000°; 830.00000°; 1.82.00000°; NP2:0.146,0000°; 860.00000°; 1.92.00000° Principal axes: T 0.9750, Plg75.0000°, Azm62.0000°; N -0.1860, Plg2.0000°, Azm325.0000°; P -0.8070, Plg15.0000°, Azm234.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function. NEIC 03 09:30:27.5z.62z.101.87E, h32km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:6.28; Mw:3.04; Ms:3.24; Ms:5.20; Mw:2.71; Mw:3.01; Fault plane solution: Mw:8.55000x10^17; NP1:0.125,00000°; 0.68.00000°; 1.82.00000°; NP2:0.325,00000°; 824.00000°; 1.08.00000° Principal axes: T 0.8453, Plg67.0000°; Azm22.0000°; N -0.6341, Plg7.0000°, Azm128.0000°; P -8.2112, Plg22.0000°, Azm221.0000°; ISC 03 09:30:22.9z.0.2.5.32z.0.03;102.17E.0.04;h29km;1245, s156/997, mb5.6/206, MSS.8/399,78C-16D, Southern Sumatara

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APSI, MMRI, DGPGR, etc.

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

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

BJI 03 09:30:11.3z.0.0.6.16S; 102°33'E, h10km, mb5.8/74, mb5.7/05, Ms6.1/92, Ms7.5/94 IDG 03 09:30:18.3z.0.3.5.29z.102.31E, h0km, mb5.3/51, mb1.5/3/53, ms1mx5.3/55, mbtpm5.3/53, ML4.6/2, MS5.4/37, Mb1.5/3/37, ms1mx5.3/56, Error ellipse: s-maj=12.2km s-min=8.4km az=45.0 DJA 03 09:30:20.5z.0.2.5.2z.10.2E', h10km, Ms5.8/81, mb5.7/81, mb5.9/70, MLv6.1/23, Mw(mB)5.5/70, Mwps5.6/6 MOS 03 09:30:21.0z.1.0.5.13z.102.29E, h25km, mb5.9/63, MS5.4/26, Error ellipse: s-maj=7.3km s-min=4.3km az=11.4 SOME 03 09:30:22.5z.0.5.41S; 101.03E, h10km, mb5.9/10, Ms5.2/1 KLM 03 09:30:23.0z.5.48S; 102°00'E, h55km, mb5.7 NEIC 03 09:30:24.9z.5.24S; 102°28'E, h32km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:1.53; Mw:0.22; Ms:1.31; Ms:3.55; Mw:1.27; Mw:1.40; Fault plane solution: Mw:4.27000x10^17; NP1:0.354,68000°; 519.95000°; 1.147.30000°; NP2:0.115,78000°; 879.38000°; 1.73.01000° Principal axes: T 4.3298, Plg53.0000°

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

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

Table with columns: Station, Az, El, P, PK, Time, Res. Includes stations like Dingess, Beckl, Junction City, etc.

Table with columns: Station, Az, El, P, PK, Time, Res. Includes stations like Carrollton, Vicksburg, Gracelyn & Ava, etc.

Table with columns: Station, Az, El, P, PK, Time, Res. Includes stations like PBO8, G001, Chumizma, etc.

V55A	Taylorville	56.94 350	P	P	09 57 42.3 +0.2
U59A	Littleton	56.97 353	P	P	09 57 42.7 +0.3
V54A	Nebo	56.99 349	P	P	09 57 42.8 +0.3
U60A	Pendleton	57.02 354	P	P	09 57 43.0 +0.3
U58A	Oxford	57.10 353	P	P	09 57 43.7 +0.4
U57A	Blanch	57.23 352	P	P	09 57 44.4 +0.2
U56A	King	57.30 351	P	P	09 57 45.3 +0.6
Z41A	Richland Creek	57.43 338	P	P	09 57 46.6 +1.0
T59A	Double "B" Far	57.56 354	P	P	09 57 47.1 +0.7
T59A	Double "B" Far	57.56 354	I Amb	I Amb	09 57 52.4
T58A	Grand View Arc	57.64 353	P	P	09 57 47.8 +0.8
T60A	Surry	57.65 355	P	P	09 57 47.8 +0.7
U54A	Nelsons Funny	57.69 350	P	P	09 57 47.7 +0.2
T57A	Hurt	57.78 352	P	P	09 57 48.4 +0.3
T56A	Rocky Mt	57.91 351	P	P	09 57 49.5 +0.5
WLAR	White Oak Lake	57.93 338	P	P	09 57 49.9 +0.8
T55A	Pulaski	58.11 351	P	P	09 57 50.8 +0.4
BLA	Blacksburg	58.15 351	P	P	09 57 50.8 +0.1
T54A	Tazewell	58.18 350	P	P	09 57 51.1 +0.2
S58A	Poland Farm, P	58.25 353	P	P	09 57 51.3 0.0
T53A	Wise	58.26 349	P	P	09 57 51.2 -0.4
S59A	Mechanicsville	58.32 354	P	P	09 57 51.5 -0.2
S56A	Natural Bridge	58.49 352	P	P	09 57 53.1 0.0
S57A	Dark Hollow, R	58.49 353	P	P	09 57 53.4 +0.3
T51A	Gray	58.51 348	P	P	09 57 52.9 -0.3
X40A	Basin Creek Fa	58.56 339	P	P	09 57 53.7 +0.2
R58B	Mineral	58.58 354	P	P	09 57 54.3 +0.7
WVT	Waverly	58.59 344	P	P	09 57 53.1 -0.6
WVT	Waverly	58.59 344	I Amb	I Amb	09 57 52.8 -1.0
UALR	University of	58.66 339	P	P	09 57 52.8 -1.4
UALR	University of	58.66 339	I Amb	I Amb	09 57 59.7
S55A	Lewisburg	58.71 351	P	P	09 57 55.3 +0.7
T50A	Nancy	58.75 344	P	P	09 57 54.1 -0.7
TXAR	Lajitas Array	58.77 327	P	P	09 57 55.9 +0.6
S54A	Dingess, Beckl	58.86 350	P	P	09 57 56.1 +0.5
MIAR	Mount Ida	58.87 338	P	P	09 57 56.1 +0.4
MIAR	Mount Ida	58.87 338	I Amb	I Amb	09 57 56.2 +0.4
R58A	Rapidan	58.92 354	P	P	09 57 57.1 +1.1
R57A	Stanardsville	58.97 353	P	P	09 57 57.5 +1.1
T49A	Edmonton	58.98 346	P	P	09 57 56.6 +0.2
W41B	Gary Heavily, V	58.99 340	P	P	09 57 56.7 +0.2
R55A	Marlington	59.16 352	P	P	09 57 58.4 +0.7
R54A	Victor	59.18 351	P	P	09 57 58.3 +0.5
R56A	Bull Pasture M	59.19 352	P	P	09 57 58.6 +0.7
T47A	Sharon Grove	59.23 345	P	P	09 57 57.3 -0.9
S50A	Richmond	59.29 348	P	P	09 57 58.2 -0.4
LCAR	Lake Charles	59.47 341	I Amb	I Amb	09 58 04.8
Q58A	Fox Den Farm,	59.52 354	P	P	09 58 01.3 +1.1
W39A	Magazine	59.53 338	P	P	09 58 01.2 +1.0
ABTX	Abilene, Hawle	59.57 332	P	P	09 58 01.4 +0.8
Q57A	Strasburg	59.59 353	P	P	09 58 02.1 +0.8
R51A	Hillsboro	59.73 349	P	P	09 58 01.8 +0.2
Q56A	Snyder Ridge,	59.79 353	P	P	09 58 02.4 +0.4
Q55A	Buckhannon	59.85 352	P	P	09 58 03.0 +0.5
Q53A	Leroy	59.93 351	P	P	09 58 02.9 0.0
Q54A	Coxs Mills	59.95 351	P	P	09 58 03.2 +0.1
P58A	Pank, Wackersv	60.03 354	P	P	09 58 04.0 +0.3
R49A	Shelbysville	60.04 347	P	P	09 58 04.0 +0.3
P59A	Jarrettsville	60.08 355	P	P	09 58 04.6 +0.7
P57A	Homestead Farm	60.09 354	P	P	09 58 04.9 +0.8
P57A	Homestead Farm	60.09 354	I Amb	I Amb	09 58 05.2 +1.1
Q52A	Bidwell	60.15 350	P	P	09 58 05.0 +0.5
P56A	Dayton Farm, R	60.20 353	P	P	09 58 05.4 +0.5
U40A	Yellville	60.27 340	P	P	09 58 05.4 +0.1
U50A	Yellville	60.27 340	I Amb	I Amb	09 58 10.7
P54A	Reedsville	60.33 352	P	P	09 58 05.8 0.0
Q51A	Peebles	60.40 349	P	P	09 58 06.0 -0.2
S44A	Carbondale	60.44 343	P	P	09 58 05.0 -1.5
MCWV	Mont Chateau	60.48 352	P	P	09 58 06.8 +0.1
P54A	Burton	60.51 352	P	P	09 58 07.3 +0.5
P53A	Whipple	60.52 351	P	P	09 58 07.3 +0.3
HHAR	Hobbs	60.56 339	P	P	09 58 06.8 -0.6
HHAR	Hobbs	60.56 339	I Amb	I Amb	09 58 12.8
O58A	Lewisberry	60.62 355	P	P	09 58 08.1 +0.4
Q49A	Aurora	60.67 348	P	P	09 58 07.8 -0.3
O59A	Robesonia	60.75 355	P	P	09 58 08.4 -0.1
Q48A	North Vernon	60.77 347	P	P	09 58 08.9 +0.2
O57A	Amberson	60.78 354	P	P	09 58 09.4 +0.6
P52A	Corning	60.78 350	P	P	09 58 08.7 -0.1
P51A	Williamsport	60.79 349	P	P	09 58 08.8 0.0
MGM0	Mountain Grove	60.82 341	P	P	09 58 08.9 -0.2
MGM0	Mountain Grove	60.82 341	I Amb	I Amb	09 58 14.3
U38A	Gravette	60.86 338	P	P	09 58 08.8 -0.6
U38A	Gravette	60.86 338	I Amb	I Amb	09 58 14.8
TUL1	Leonard	60.88 337	P	P	09 58 09.9 +0.4

TUL1	Leonard	60.88 337	P	P	09 58 09.5 -0.1
TUL1	Leonard	60.88 337	I Amb	I Amb	09 58 15.1
O56A	Blue Knob Stat	60.93 353	P	P	09 58 10.7 +0.8
O56A	Blue Knob Stat	60.93 353	P	P	09 58 10.0 +0.2
O55A	Ligonier	60.95 353	P	P	09 58 10.5 +0.5
FVM	French Village	61.04 343	P	P	09 58 10.5 -0.1
FVM	French Village	61.04 343	I Amb	I Amb	09 58 15.7
P49A	Miami Univ. Ec	61.15 348	P	P	09 58 11.0 -0.3
P48A	Milroy	61.22 347	P	P	09 58 11.6 -0.2
N62A	Caumsett State	61.22 358	P	P	09 58 11.8 +0.1
SSPA	Standing Stone	61.22 354	P	P	09 58 12.0 +0.2
N60A	Cedar Hill Far	61.24 356	P	P	09 58 11.9 +0.1
N57A	Milroy	61.31 354	P	P	09 58 12.7 +0.3
N58A	Sunbury	61.32 355	P	P	09 58 12.8 +0.5
N59A	State Game Lan	61.33 356	P	P	09 58 13.2 +0.7
CCM	Cathedral Cave	61.34 342	P	P	09 58 12.6 0.0
O51A	Pataskala	61.36 350	P	P	09 58 12.8 +0.1
N55A	Marion Center	61.48 353	P	P	09 58 13.9 +0.4
ACSO	Alum Creek Sta	61.51 350	P	P	09 58 13.9 +0.2
O50A	Galena	61.53 349	P	P	09 58 14.1 +0.2
N56A	West Decatur	61.54 354	P	P	09 58 13.9 -0.1
MNTX	Cornudas Mount	61.54 327	P	P	09 58 14.2 0.0
MNTX	Cornudas Mount	61.54 327	P	P	09 58 13.8 -0.3
VNA3	Neumayer Olymp	61.58 161	P	P	09 58 15.0 +1.0
N54A	Moraine State	61.78 352	P	P	09 58 15.7 +0.2
VNA1	Neumayer-Stat	61.81 160	P	P	09 58 16.8 +1.4
M58A	Price's Panora	61.83 355	P	P	09 58 16.7 +0.9
M57A	Sunshine Farm,	61.85 355	P	P	09 58 16.8 +0.8
R40A	Maddies Statio	61.86 341	I Amb	I Amb	09 58 21.1
M59A	Waymart	61.93 356	P	P	09 58 16.8 +0.3
O48A	Farmland	61.93 348	P	P	09 58 16.6 +0.1
T35A	Sooner Cattle	62.04 337	P	P	09 58 17.0 -0.3
T35A	Sooner Cattle	62.04 337	I Amb	I Amb	09 58 23.7
M56A	Emporium	62.09 354	P	P	09 58 17.8 +0.2
MSTX	Muleshoe	62.11 330	P	P	09 58 18.4 +0.4
MSTX	Muleshoe	62.11 330	P	P	09 58 17.7 -0.4
MSTX	Muleshoe	62.11 330	I Amb	I Amb	09 58 24.3
L63A	North Scituate	62.11 359	P	P	09 58 18.4 +0.7
M55A	Ridgway	62.14 353	P	P	09 58 18.0 +0.1
VNA2	Neumayer-Watz	62.17 161	P	P	09 58 18.8 +0.9
L64A	Middleborough	62.18 0	P	P	09 58 18.6 +0.5
M54A	Oil Creek Stat	62.28 353	P	P	09 58 19.4 +0.5
L60A	Shokan	62.31 357	P	P	09 58 19.4 +0.3
M53A	W J Miller and	62.34 352	P	P	09 58 19.1 -0.1
L58A	Harry Jones Me	62.45 356	P	P	09 58 20.7 +0.6
L57A	Andrews Acres	62.48 355	P	P	09 58 20.8 +0.5
L59A	Walton	62.55 357	P	P	09 58 21.1 +0.4
BIN1	Singamton	62.62 356	P	P	09 58 21.9 +0.8
L56A	Greenwood	62.68 355	P	P	09 58 22.1 +0.5
L56A	Greenwood	62.68 355	I Amb	I Amb	09 58 22.8
L61B	Northampton	62.72 359	P	P	09 58 22.3 +0.5
HRV	Adam Dziejowski	62.76 360	P	P	09 58 22.6 +0.6
HRV	Adam Dziejowski	62.76 360	P	P	09 58 22.6 +0.6
L53A	Girard	62.79 352	P	P	09 58 22.4 +0.1
L55A	Hinetale	62.81 354	P	P	09 58 22.5 +0.1
ERPA	Erie	62.92 352	P	P	09 58 23.6 +0.4
P40A	Paris	62.94 342	I Amb	I Amb	09 58 28.3
K61A	Williamstown	62.95 358	P	P	09 58 24.0 +0.6
L54A	Sinclairville	62.95 353	P	P	09 58 23.6 +0.2
K59A	Cooperstown	63.12 357	P	P	09 58 24.8 +0.3
K58A	Earville	63.16 356	P	P	09 58 25.1 +0.4
K58A	Earville	63.16 356	I Amb	I Amb	09 58 30.7
K57A	Scipio Center	63.18 355	P	P	09 58 25.2 +0.3
K56A	Milesdale	63.22 355	P	P	09 58 25.3 +0.2
K55A	Perry	63.31 354	P	P	09 58 26.1 +0.3
J62A	Henniker	63.48 359	P	P	09 58 27.3 +0.5
J58A	Remsen	63.73 357	P	P	09 58 28.7 +0.2
J56A	Wolcott	63.75 355	P	P	09 58 28.5 -0.1
J59A	Piesco	63.79 357	P	P	09 58 29.3 +0.4
SNA4	Sanae	63.79 161	P	P	09 58 29.6 +0.9
SNA4	Sanae	63.79 161	P	P	09 58 29.4 +0.7
SNA4	Sanae	63.79 161	P	P	09 58 29.5 +0.7
J55A	Hilton	63.82 354	P	P	09 58 29.6 +0.6
J57A	Williamstown	63.82 356	P	P	09 58 29.2 +0.1
J54A	Appleton	63.91 354	P	P	09 58 29.9 +0.3
I58A	Old Forge	64.04 357	P	P	09 58 30.7 +0.2
J52A	Paris	64.08 352	P	P	09 58 31.0 +0.2
I59A	Olmsteadville	64.10 358	P	P	09 58 31.8 +0.9
I60A	Shoreham	64.12 358	P	P	09 58 32.0 +0.9
I64A	Boothbay	64.18 1	P	P	09 58 32.5 +1.1
I61A	Orchard, Fairl	64.19 359	P	P	09 58 32.0 +0.5
K48A	Perry	64.20 349	P	P	09 58 31.2 -0.4
I57A	Carthage	64.33 356	P	P	09 58 32.8 +0.4
LBNH	Lisbon	64.49 359	P	P	09 58 34.7 +1.2
I51A	Listowel	64.71 352	P	P	09 58 34.5 -0.4
H58A	Gabriels	64.73 357	P	P	09 58 35.2 +0.2
I55A	Frankford	64.75 355	P	P	09 58 35.2 0.0
H61A	Lyndonville	64.78 359	P	P	09 58 35.9 +0.5
H60A	Morristown	64.83 359	P	P	09 58 36.3 +0.6

					3d	9h
H57A	Richville	64.83 357	P	P	09 58 35.7 0.0	
H63A	New Sharon	64.91 1	P	P	09 58 36.8 +0.7	
H59A	Cadyville	64.94 358	P	P	09 58 36.9 +0.5	
LONY	Lake Ozonia	64.95 357	P	P	09 58 37.0 +0.5	
H56A	Elgin	65.02 356	P	P	09 58 37.2 +0.4	
H55A	Tweed	65.04 355	P	P	09 58 37.0 0.0	
H53A	Bobcaygeon	65.19 354	P	P	09 58 38.1 +0.1	
H52A	Wyevale	65.40 353	P	P	09 58 39.2 -0.1	
SADO	Sadowna	65.44 354	I Amb	I Amb	09 58 40.1	
G57A	Newington	65.45 357	P	P	09 58 40.1 +0.5	
G58A	Ormsdown	65.45 358	P	P	09 58 40.1 +0.5	
G62A	West of Eustis	65.47 0	P	P	09 58 40.3 +0.5	
G62A	West of Eustis	65.47 0	P	P	09 58 41.1 +1.3	
G65A	Princeton	65.52 3	P	P	09 58 41.2 +1.1	
PKME	Peaks-Kenny Pk	65.53 1	P	P	09 58 41.0 +0.9	
G61A	St-Isidore-de-	65.53 360	P	P	09 58 41.0 +0.7	
JFWS	Jewell Farm	65.61 345	P	P	09 58 41.0 +0.3	
G53A	Haliburton	65.74 354	P	P	09	

3d 10h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like AAK, ARU, KSH, NVAR, PDAR, etc.

IDC 03 10:27:05.7-0.7, 19.305:70.78W, h0km, mb4.1/10, mb1 4.4/13, mb1mx4.3/26, mbmp4.2/13, ML4.1/3, MS4.0/1, Ms1 4.0/1, ms1mx3.2/25, Error ellipse: s-maj=26.2km s-min=14.5km az=61.0

NEIC 03 10:27:05.1-1.6, 19.31S:0.05:70.85W:0.04, h10km, 1km, mb4.2/2, ML4.0(GUC), Error ellipse: s-maj=8.1km s-min=6.5km az=176.0

GUC 03 10:27:08.7-0.7, 19.39S:70.90W, h29km, 4km, ML4.0 VAO 03 10:27:23.6-1.7, 18.94S:69.95W, h50km, mb4.4

ISC 03 10:27:09.0-0.5, 19.31S:0.05:70.84W:0.06, h22km, n61, c1557/59, mb4.1/10, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSGC, PB12, MNMC, etc.

2015 APR

Main table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like G001, PB08, PB08, etc.

IDC 03 10:32:11.1-12.0, 8.87N:93.02E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/33, mbmp3.4/3, Error ellipse: s-maj=403.0km s-min=35.1km az=73.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H08S3, H08S2, H08S1, etc.

STR 03 10:33:24.9-0.4, 44.1N:1.3E, h15km, 2km, mb4.6/1, ML3.6/7, smi:scs/0.6/LOCAS earthModelID smi:scs/0.6/alpes_tap-2.1 preliminary

ROM 03 10:33:25.4-0.1, 44.1042N:0.006E:8.586E:0.005, h10km, ML3.4/21, Error ellipse: s-maj=0.6km s-min=0.4km az=350.0

GEN 03 10:33:25.6, 44.02N:8.61E, h8km, 1km, MI3.4 LDG 03 10:33:26.6-0.1, 43.99N:8.55E, h8km, MD3.2/3, MI3.3/72, Error ellipse: s-maj=1.6km s-min=1.3km az=148.0

PRU 03 10:33:29.1-0.4, 44.389N:0.02E, h0km ISC 03 10:33:24.7-1.0, 44.001N:0.02:8.59E:0.02, h19km, 2km, n242, c1979/305, 3C-6D, Northern Italy

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

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like G001, PB08, PB08, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARSA Arzberg, ARSA La Druitiere, EPF Esparros, etc.

PRE 03 10:45:04.1±0.8,24.78S;27.73E,h2km,ML2.4
NAM 03 10:45:13.1±1.2,26.01S;29.02E,h10km,MD3.4
ISC 03 11:45:08.3±1.1,25.36S;0.05;28.70E;0.06,h10km,n12,
±114/20, South Africa

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

ISC 03 10:46:24.9±1.6,5.25S;102.30E,h0km,mb4.3/1,
mb1 4.4/14,mb1mx4.1/38,mbtmp4.3/14,ML3.4/1, Error
ellipse: s-maj=54.8km s-min=14.6km az=58.0
DJA 03 10:46:25.6±0.4,5.5±4.1,10.2E,h10km,M4.7/11,mb5.7/2,
mb4.9/7,ML4.6/11,Mw(m)B5.2
NEIC 03 10:46:28.9±1.8,5.35S;0.09;102.08E;0.09,h3km,7km,
mb4.3/9, Error ellipse: s-maj=16.9km s-min=9.0km
az=224.0
ISC 03 10:46:27.9±0.7,5.39S;0.08;102.13E;0.07,h2km,n54,
±1500/48,mb4.3/18, Southern Sumatara

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

Table with columns: WRO, Iamb, Iamb, Time, Res, ISC. Includes stations like WRO comp=Z,4.0nm,1.0s, ASAR comp=Z,4.0 Springs, ASX1 comp=Z,0.9nm,0.6s, etc.

ISC 03 11:02:14.0±1.5,19.25S;70.84W,h0km,mb3.6/3,
mb1 3.8/5,mb1mx3.6/37,mbtmp3.6/5,ML3.2/2, Error
ellipse: s-maj=41.3km s-min=33.4km az=64.0
NEIC 03 11:02:14.9±1.9,19.42S;0.03;70.97W;0.06,h8km,5km,
mb4.0/1, Error ellipse: s-maj=8.2km s-min=2.6km az=71.0
ISC 03 11:02:16.3±1.0,19.35S;0.05;70.94W;0.10,h22km,n20,
±1516/21,mb4.0/3, Near coast of northern Chile

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

ISC 03 11:06:24.8±1.1,44.86N;0.02;14.92E;0.05,h8km,10km,
n14, ±075/22, Adriatic Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Code NVLJ Novolja, Code GBRG Gornja Briga, Code BOJS Bojanci, etc.

ISC 03 11:11:34.8±3.0,20.29S;71.26W,h0km,mb3.4/1,
mb1 3.7/2,mb1mx3.4/30,mbtmp3.4/2,ML3.3/1, Error
ellipse: s-maj=147.3km s-min=58.2km az=138.0, Off
coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Code LPAZ La Paz, Code Yellowknife Arr, Code MKAR Makanchi Array, etc.

Table with columns: FITZ, WRA, WRR, ASAR, ASAR, CMAR, SONM, MKAR, MKAR, ZALV. Includes stations like FITZ 2.7nm,0.3s,baz=58,slow=13,SNR=6.3, WRA Warramunga Arr, WRR Warramunga Arr, etc.

ECX 03 11:41:05.9±1.2,27.82N;111.75W,h10km,12km,MD3.9,
ML4.
IDC 03 11:41:07.0±1.2,27.82N;111.53W,h0km,mb3.9/6,
mb1 4.1/12,mb1mx3.5/5,mbtmp3.9/12,ML3.2/5,MS3.8/10,
MS1.3/10,ms1mx3.5/5, Error ellipse: s-maj=18.9km
s-min=11.6km az=41.0
NEIC 03 11:41:07.3±2.7,27.74N;0.06;111.65W;0.09,h10km,2km,
mb4.2/81, Error ellipse: s-maj=13.4km s-min=10.1km
az=280.0
MEX 03 11:41:07.4±0.5,27.67N;111.67W,h11km,5km,MD4.4
ANF 03 11:41:09.2±0.9,28.13N;111.56W,h0km,ML4.6/2, Error
ellipse: s-maj=8.8km s-min=5.7km az=173.0
ISC 03 11:41:05.9±1.2,27.73N;0.03;111.54W;0.03,h4km,gkm,
n146, ±1772/128,mb4.3/13,MB3.9/6,2C, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Code Santa Rosalia, Code Guaymas, Code Baha de los, Code Topolobambo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pine Spring, Abilene, Hawle, Mina Array, etc.

IDC 03 11:41:36.1±0.4, 20.08S:70.84W, h0km, mb4, 7/29, mb1 4.7/33, mb1mx4.7/47, mbtmp4.7/33, ML4.2/4, MS4.1/16, Ms1 4.1/16, ms1mx4.0/28, Error ellipse: s-maj=15.4km s-min=9.1km az=63.0 SJA 03 11:41:36.1±0.4, 20.38S:71.45W, h54km, 7km, ML4.9, MW5.1 NEIC 03 11:41:37.7±0.2, 20.25S:0.04:70.95W, h10km, 2.1km,

mb5.1/225, Mw4.9/32, ML4.8(GUC), Error ellipse: s-maj=9.0km s-min=5.6km az=237.0 GUC 03 11:41:37.8±0.8, 20.25S:71.19W, h34km, 3km, ML4.8 NEIC 03 11:41:37.1, 20.23S:70.92W, h9km, Moment Tensor Solution. Moment tensor: M2.59000x10^16 Nm; Mrr: 4.3; Mss: 0.17; Mss: -1.60; Mss: 0.49; Mss: 1.10; Mrr: 1.71; Fault plane solution: M2.59000x10^16 NP2:319.47000, 823.95000, 767.72000. Principal axes: T 2.19866, P1666.00000, Azm90.00000; N 0.6534, P19.00000, Azm340.00000; P 83520, P22.00000, Azm216.00000 MOS 03 11:41:37.4±1.2, 20.14S:143.94W, h16km, mb5.1/19 Error ellipse: s-maj=12.6km s-min=8.2km az=109.3 VAO 03 11:41:40.3±2.2, 20.13S:70.89W, h27km, 1.4km, mb5.0 ISC 03 11:41:36.6±0.8, 20.24S:0.003:71.03W, h7km, 4km, mb82.11916/614, mb5.1/135, MS4.2/16, 13C-3D, Off coast of northern Chile

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Valinhos, Garzon, Huita, SOTA, etc.

T56A	Rocky Mt	57.59 351	P	P	11 51 27.6 +0.5
WLAR	White Oak Lake	57.61 338	P	P	11 51 28.1 +0.8
X43A	Marvez	57.64 341	P	P	11 51 27.6 +0.8
V48A	Smith Brothers	57.65 345	Iamb	Iamb	11 51 29.8
TZTN	Tazewell	57.70 348	P	P	11 51 28.2 +0.3
BLA	Blacksburg	57.82 351	P	P	11 51 28.4 -0.5
T54A	Tazewell	57.85 350	P	P	11 51 28.4 -0.7
CLTN	Cedars of Leba	57.87 345	P	P	11 51 28.3 -0.8
S60A	Water View	57.88 355	P	P	11 51 29.2 0.0
S58A	Poland Farm, P	57.92 353	P	P	11 51 29.8 +0.3
S58A	Poland Farm, P	57.92 353	Iamb	Iamb	11 51 32.7
T53A	Wise	57.94 349	P	P	11 51 29.5 -0.2
T52A	Hallie	58.14 349	P	P	11 51 31.2 +0.2
S56A	Natural Bridge	58.16 352	P	P	11 51 31.1 -0.1
S57A	Dark Hollow, R	58.17 353	P	P	11 51 31.5 +0.3
S57A	Dark Hollow, R	58.17 353	Iamb	Iamb	11 51 34.7
T51A	Gray	58.19 348	P	P	11 51 30.6 -0.7
R58B	Mineral	58.25 354	P	P	11 51 32.1 +0.4
R58B	Mineral	58.25 354	Iamb	Iamb	11 51 35.4
WVT	Waverly	58.27 344	P	P	11 51 30.8 -1.2
WVT	Waverly	58.27 344	P	Pmax	11 51 31.0 -0.9
WVT	Waverly	58.27 344	P	P	11 51 30.8 -1.2
WVT	Waverly	58.27 344	Iamb	Iamb	11 51 33.6
LP1G	La Paz	58.36 317	P	P	11 51 33.9 +1.1
S55A	Lewisburg	58.38 351	P	P	11 51 32.9 +0.1
R59A	King George, V	58.41 354	P	P	11 51 33.3 +0.5
T50A	Nancy	58.42 347	P	P	11 51 32.4 -0.6
TXAR	Lajitas Array	58.48 326	P	P	11 51 34.5 +0.8
TXAR	Lajitas Array	58.48 326	P	P	11 51 34.2 +0.5
TXAR	Lajitas Array	58.48 326	P	P	11 51 34.1 +0.5
S54A	Dingess, Beckl	58.53 350	P	P	11 51 33.5 -0.3
S54A	Dingess, Beckl	58.53 350	Iamb	Iamb	11 51 36.6
S53A	Williamson	58.55 350	P	P	11 51 33.5 -0.4
MIAR	Mount Ida	58.55 338	P	P	11 51 33.9 0.0
R58A	Rapidan	58.59 354	P	P	11 51 34.3 +0.1
R57A	Stanardsville	58.65 353	P	P	11 51 34.9 +0.3
T49A	Edmonton	58.65 346	P	P	11 51 33.8 -0.8
S51A	Beattyville	58.77 348	P	P	11 51 35.6 +0.2
R55A	Marlinton	58.83 352	P	P	11 51 36.0 +0.1
R54A	Victor	58.86 351	P	P	11 51 35.9 -0.2
R56A	Bull Pasture M	58.86 352	P	P	11 51 35.9 -0.2
T47A	Sharon Grove	58.91 345	Iamb	Iamb	11 51 38.6
S50A	Richmond	58.97 348	P	P	11 51 36.4 -0.4
Q58A	Fox Den Farm,	59.20 354	P	P	11 51 38.3 0.0
W39A	Magazine	59.21 338	P	P	11 51 38.6 +0.1
S49A	Springfield	59.25 347	P	P	11 51 38.7 -0.1
ABTX	Abilene, Hawle	59.26 332	P	P	11 51 38.5 -0.4
ABTX	Abilene, Hawle	59.26 332	Iamb	Iamb	11 51 38.4 -0.6
Q57A	Strasburg	59.37 353	P	P	11 51 39.6 +0.1
R51A	Hillsboro	59.41 349	P	P	11 51 39.6 -0.2
Q56A	Snyder Ridge,	59.46 353	P	P	11 51 40.9 +0.8
Q55A	Duckhannon	59.53 352	P	P	11 51 40.7 0.0
R50A	Paris	59.53 348	P	P	11 51 40.6 -0.1
PBMO	Poplar Bluff	59.60 342	P	P	11 51 42.0 +0.9
PBMO	Poplar Bluff	59.60 342	Iamb	Iamb	11 51 43.3
Q53A	Leroy	59.60 351	P	P	11 51 40.7 -0.4
Q54A	Coxs Mills	59.62 351	P	P	11 51 40.9 -0.4
P58A	Pank, Wackersv	59.70 354	P	P	11 51 41.4 -0.4
P59A	Jarrettsville	59.75 355	P	P	11 51 42.4 +0.3
P57A	Homestead Farm	59.77 354	P	P	11 51 42.7 +0.5
P57A	Homestead Farm	59.77 354	Iamb	Iamb	11 51 46.4
P56A	Dayton Farm, R	59.88 353	P	P	11 51 43.1 +0.1
P60A	Greenville	59.89 356	P	P	11 51 43.2 +0.1
P60A	Greenville	59.89 356	Iamb	Iamb	11 51 45.8
WCI	Wyandotte Cave	59.90 346	P	P	11 51 43.0 -0.2
U40A	Yellville	59.95 340	P	P	11 51 43.3 -0.3
P55A	Reedsville	60.00 352	P	P	11 51 43.7 -0.2
T42A	Van Buren	60.02 342	P	P	11 51 45.5 +1.5
T42A	Van Buren	60.02 342	Iamb	Iamb	11 51 46.5
Q51A	Peebles	60.07 349	P	P	11 51 44.0 -0.3
MVL	Millersville	60.13 355	Iamb	Iamb	11 51 48.3
P54A	Burton	60.18 352	P	P	11 51 45.1 -0.1
P53A	Whipple	60.20 351	P	P	11 51 45.1 -0.2
P53A	Whipple	60.20 351	Iamb	Iamb	11 51 48.1
Q58A	Lewisberry	60.30 355	P	P	11 51 45.8 -0.1
Q59A	Aurora	60.35 348	P	P	11 51 46.1 -0.1
O60A	Telford	60.38 356	P	P	11 51 46.6 +0.2
O59A	Robesonia	60.43 355	P	P	11 51 46.6 -0.2
Q48A	North Vernon	60.45 347	P	P	11 51 46.7 -0.3
O57A	Amberson	60.45 354	P	P	11 51 47.8 +0.8
TUL1	Leonard	60.57 337	P	P	11 51 47.7 -0.2
O56A	Blue Knob Stat	60.60 353	P	P	11 51 48.7 +0.7
O56A	Blue Knob Stat	60.60 353	Iamb	Iamb	11 51 51.8
O55A	Ligonier	60.62 353	P	P	11 51 48.1 0.0
WMOK	Wichita Mounta	60.70 334	P	P	11 51 48.3 -0.6
O54A	Avella	60.73 352	P	P	11 51 48.8 -0.1

P49A	Miami Univ. Ec	60.82 348	P	P	11 51 49.7 +0.2
SSPA	Standing Stone	60.90 354	P	P	11 51 50.1 +0.2
SSPA	Standing Stone	60.90 354	Iamb	Iamb	11 51 50.6 +0.6
SSPA	Standing Stone	60.90 354	Iamb	Iamb	11 51 53.0
N62A	Caumsett State	60.90 358	P	P	11 51 50.5 +0.6
N60A	Cedar Hill Far	60.91 356	P	P	11 51 50.3 +0.2
O53A	New Philadelph	60.92 351	P	P	11 51 50.1 0.0
N57A	Milroy	60.98 354	P	P	11 51 51.1 +0.5
PAL	Palisades	60.99 358	P	P	11 51 50.8 +0.3
N58A	Sunbury	60.99 355	P	P	11 51 51.5 +0.9
N58A	Sunbury	60.99 355	Iamb	Iamb	11 51 54.3
N59A	Alum Creek Sta	61.00 356	P	P	11 51 51.2 +0.5
CCM	Cathedral Cave	61.02 342	P	Pmax	11 51 49.7 -1.2
CCM	Cathedral Cave	61.02 342	P	P	11 51 50.8 -0.1
CCM	Cathedral Cave	61.02 342	Iamb	Iamb	11 51 49.7 -1.2
O51A	Pataskala	61.03 350	P	P	11 51 51.1 +0.2
N55A	Marion Center	61.15 353	P	P	11 51 52.4 +0.7
ACSO	Alum Creek Sta	61.18 350	Iamb	Iamb	11 51 52.0 +0.1
Q44A	Meyer Farm, Va	61.20 344	Iamb	Iamb	11 51 53.8
O50A	Cable	61.21 349	P	P	11 51 51.9 -0.2
N56A	West Decatur	61.21 354	P	P	11 51 53.0 +0.8
MNTX	Cornudas Mount	61.25 327	P	P	11 51 52.0 -0.1
MNTX	Cornudas Mount	61.25 327	Iamb	Iamb	11 51 55.3
S39A	Bolivar	61.32 340	P	P	11 51 52.5 -0.5
M60A	Port Jervis	61.34 357	P	P	11 51 53.5 +0.6
O49A	Covington	61.38 348	P	P	11 51 53.4 +0.1
M62A	Hamden	61.39 358	P	P	11 51 53.8 +0.5
P46A	Rosedale	61.43 346	Iamb	Iamb	11 51 55.3
N54A	Moraine State	61.45 352	P	P	11 51 54.1 +0.3
M58A	Price's Panora	61.50 355	P	P	11 51 53.8 -0.3
M57A	Sunshine Farm,	61.52 355	P	P	11 51 55.1 +0.9
M57A	Sunshine Farm,	61.52 355	Iamb	Iamb	11 51 55.2 +1.0
N52A	McGinn's Farm,	61.54 351	P	P	11 51 54.9 +0.5
M59A	Waymart	61.60 356	P	P	11 51 55.3 +0.5
O48A	Farnand	61.61 348	P	P	11 51 55.5 +0.5
KSPA	Keystone Colle	61.64 356	Iamb	Iamb	11 51 58.5
N50A	Nevada	61.73 350	P	P	11 51 55.0 -0.6
M56A	Emporium	61.76 354	P	P	11 51 56.5 +0.6
L63A	North Scituate	61.79 360	P	P	11 51 56.6 +0.6
M55A	Ridgway	61.81 353	P	P	11 51 56.5 +0.3
M57A	Muleshoe	61.81 330	P	P	11 51 56.6 +0.1
M57A	Muleshoe	61.81 330	P	P	11 51 57.7 +1.3
L64A	Middleborough	61.86 0 0	P	P	11 51 56.5 +0.1
VNA3	Neumayer Olymp	61.90 161	P	P	11 51 58.1 +1.6
M54A	Oil Creek Stat	61.95 353	P	P	11 51 56.9 -0.2
L60A	Shokan	61.98 357	P	P	11 51 57.8 +0.4
M53A	W Miller and	62.01 352	P	P	11 51 57.6 +0.1
N49A	Columbus Grove	62.06 349	P	P	11 51 57.7 -0.2
L58A	Harry Jones Me	62.13 356	P	P	11 51 58.8 +0.5
SFIN	Lafayette	62.13 346	P	P	11 51 57.9 -0.5
L57A	Andrews Acres	62.16 355	P	P	11 51 58.7 +0.2
L61A	Hillsdale, 1 H	62.16 358	P	P	11 51 58.8 +0.4
N48A	Decatur	62.16 348	P	P	11 51 58.7 +0.1
L59A	Walton	62.22 357	P	P	11 51 59.5 +0.5
L59A	Walton	62.22 357	P	P	11 51 59.5 +0.5
BINY	Binghamton	62.29 356	P	P	11 51 59.8 +0.4
N47A	Urbana	62.31 347	P	P	11 51 59.8 +0.2
M50A	Fremont	62.33 350	P	P	11 51 60.0 +0.3
L56A	Greenwood	62.35 355	P	P	11 52 00.1 +0.3
L56A	Greenwood	62.35 355	P	P	11 52 00.1 +0.3
L61B	Northampton	62.39 359	P	P	11 52 00.5 +0.5
HRV	Adam Dzewonsk	62.43 360	P	Pmax	11 52 01.4 +1.2
HRV	Adam Dzewonsk	62.43 360	P	Pmax	11 52 00.9 +0.6
HRV	Adam Dzewonsk	62.43 360	P	P	11 52 01.4 +1.2
L53A	Girard	62.46 352	P	P	11 52 00.7 +0.1
L55A	Hinsdale	62.48 354	P	P	11 52 00.9 +0.2
M49A	Liberty Center	62.56 349	P	P	11 52 01.2 +0.1
ERPA	Erie	62.59 352	P	P	11 52 01.5 +0.1
ERPA	Erie	62.59 352	P	P	11 52 02.2 +0.9
K62A	Royalston	62.60 359	P	P	11 52 01.9 +0.5
K63A	Dunstable	62.61 360	P	P	11 52 01.7 +0.2
K61A	Williamstown	62.62 358	P	P	11 52 01.6 0.0
L54A	Sinclairville	62.63 353	P	P	11 52 02.2 +0.6
K59A	Cooperstown	62.80 357	P	P	11 52 03.0 +0.2
HDIL	Hopedale	62.83 344	P	P	11 52 02.4 -0.5
K58A	Earville	62.83 356	P	P	11 52 03.3 +0.3
K57A	Scipio Center	62.86 355	P	P	11 52 03.2 +0.1
K56A	Middlesex	62.89 355	P	P	11 52 03.5 +0.2
K54A	Barako Farm,	62.93 354	P	P	11 52 03.9 +0.3
K55A	Perry	62.98 354	P	P	11 52 04.1 0.0
319A	Deerfield	63.09 324	P	P	11 52 08.2 +3.1
J62A	Henniker	63.15 359	P	P	11 52 05.7 +0.6
121A	Cookes Peak, D	63.16 325	P	P	11 52 04.2 -1.4
121A	Cookes Peak, D	63.16 325	Iamb	Iamb	11 52 22.0
J63A	Strafford	63.20 360	P	P	11 52 06.2 +0.8

J61A	Chester	63.28 359	P	P	11 52 06.9 +1.0
ACCN	Adirondack Com	63.35 358	Iamb	Iamb	11 52 10.3
J58A	Remsen	63.40 357	P	P	11 52 07.0 +0.2
J58A	Remsen	63.40 357	Iamb	Iamb	11 52 09.5
J56A	Wolcott	63.42 355	P	P	11 52 06.7 -0.2
J56A	Wolcott	63.42 355	P	P	11 52 06.3 -0.6
J59A	Piesco	63.47 357	P	P	11 52 07.5 +0.4
J55A	Hilton	63.49 354	P	P	11 52 07.4 +0.1
J55A	Hilton	63.49 354	Iamb	Iamb	11 52 10.4
J57A	Williamstown	63.49 356	P	P	11 52 07.6 +0.2
J57A	Williamstown	63.49 356	Iamb	Iamb	11 52 11.1
J54A	Appleton	63.58 354	P	P	11 52 08.1 +0.2
I58A	Old Forge	63.71 357	P	P	11 52 08.9 +0.1
J52A	Paris	63.76 352	P	P	11 52 08.8 -0.3
I59A	Oran	63.77 358	P	P	11 52 09.4 +0.3
I62A	Tamworth	63.80 360	P	P	11 52 09.9 +0.5
I60A	Shoream	63.80 356	P	P	11 52 10.0 +0.6
I61A	Oroboro, Fairl	63.86 359	P	P	11 52 09.9 +0.2
K48A	Perry	63.88 349	P	P	11 52 10.1 +0.2
R32A	Long Quarter,	63.88 336	P	P	11 52 10.9 +0.9
K47A	Vermontville	63.91 349	P</		

ALGO	Algonquin Park	66.18 355	P	P	11 52 24.8	0.0
W18A	Petrified Forest	66.19 326	P	I Amb	11 52 25.4	+0.1
E60A	Ste Agathe de	66.29 360	P	P	11 52 25.9	+0.4
BGNE	Belgrade	66.29 338	P	P	11 52 25.8	+0.1
E58A	La Victoria	66.32 358	P	P	11 52 26.1	+0.4
F51A	Arnstein	66.34 353	P	P	11 52 25.6	-0.2
E63A	Oxbow	66.38 2	P	P	11 52 26.3	+0.2
E57A	Chemin Saint G	66.39 358	P	P	11 52 26.3	+0.1
E64A	Bridgewater	66.40 2	P	P	11 52 26.9	+0.7
E56A	St. Veronique	66.56 357	P	P	11 52 27.3	0.0
E52A	Mattawa	66.57 354	P	P	11 52 26.9	-0.3
E53A	Dumoine, Ponti	66.57 355	P	P	11 52 26.9	-0.5
X16A	Lo Mia Camp, P	66.57 324	I Amb	I Amb	11 52 33.3	
E54A	La Chapelle, P	66.59 355	P	P	11 52 27.0	+0.4
113A	Mohawk Valley,	66.68 321	P	I Amb	11 52 31.4	+3.1
E51A	G1948 Merrick	66.89 354	P	P	11 52 29.1	-0.3
F45A	CMU Biological	66.92 349	P	P	11 52 29.3	-0.2
D57A	Chemin Vers le	66.99 358	P	P	11 52 30.6	+0.6
Q24A	Divide	67.00 332	P	P	11 52 30.4	-0.2
D33A	Stockholm	67.01 2	P	P	11 52 30.7	+0.6
D62A	Allapont, All	67.03 1	P	P	11 52 31.1	+0.9
D62A	Allapont, All	67.03 1	P	I Amb	11 52 30.7	+0.5
D58A	Chemin du LacQ	67.04 359	P	P	11 52 30.7	+0.4
D56A	ZEC Mazanza, M	67.05 357	P	P	11 52 30.4	0.0
D55A	Sainte-Anne-du	67.06 357	P	P	11 52 30.3	-0.1
Y14A	Wickenburg	67.09 323	P	P	11 52 30.8	-0.2
D61A	St Aubert, Com	67.13 1	P	P	11 52 31.3	+0.5
I37A	Lemond, Waseca	67.15 343	I Amb	I Amb	11 52 33.2	
E48A	Looney	67.16 352	P	P	11 52 30.9	-0.2
MVCO	Mesa Verde	67.17 328	P	P	11 52 31.7	0.0
MVCO	Mesa Verde	67.17 328	I Amb	I Amb	11 52 35.8	
D54A	Lac Fusel, La	67.27 356	P	P	11 52 31.6	-0.1
D53A	Lac Vacive, Po	67.27 355	P	P	11 52 31.5	-0.2
D53A	Lac Vacive, Po	67.27 355	I Amb	I Amb	11 52 41.2	
E47A	Iron Bridge	67.30 351	P	P	11 52 31.2	-0.8
LATQ	La Tuque	67.32 359	P	P	11 52 32.3	+0.2
WUAZ	Wupatki	67.36 325	P	P	11 52 34.5	+1.7
D51A	Lot 18 Range I	67.36 325	I Amb	I Amb	11 52 43.8	
D51A	Lot 18 Range I	67.36 325	P	P	11 52 33.0	+0.2
D50A	G1974 Best Tow	67.56 354	P	P	11 52 33.7	+0.1
D48A	Paudash Townsh	67.80 352	P	P	11 52 34.3	-0.8
ECSD	EROS Data Cent	67.85 340	P	P	11 52 35.5	0.0
D47A	Chapleau	67.86 351	P	P	11 52 34.9	-0.6
PV01	Paradox Valley	67.94 329	I Amb	I Amb	11 52 40.9	
PV15	Paradox Valley	68.06 329	P	P	11 52 40.1	+2.9
PV10	Paradox Valley	68.07 329	I Amb	I Amb	11 52 47.9	
PV13	Radium Mtn., P	68.08 329	I Amb	I Amb	11 52 41.5	
SPMN	Marine on St.	68.10 344	P	P	11 52 37.4	+0.4
SPMN	Marine on St.	68.10 344	P	P	11 52 36.5	-0.5
PV15	Paradox Valley	68.15 328	I Amb	I Amb	11 52 41.8	
PV11	David Mesa, Pa	68.21 329	P	I Amb	11 52 40.6	+2.4
PV17	East Wray Mesa	68.24 329	I Amb	I Amb	11 52 42.4	
VLDO	Val d'Or	68.28 355	I Amb	I Amb	11 52 47.6	
BC3	Big Chockawall	68.31 321	P	P	11 52 39.9	+1.1
MONP2	Monument Peak	68.35 320	P	P	11 52 39.5	+0.4
W13A	Hualapai Mount	68.43 323	P	P	11 52 41.9	+2.2
IRM	Iron Mountain	68.48 322	P	P	11 52 42.2	+2.5
U15A	North Rim	68.53 325	I Amb	I Amb	11 52 53.9	
NVL	N'izarezskaya	68.71 159	eP	S	11 52 49.9	+9.3
NVL	N'izarezskaya	68.71 159	eP	S	12 01 44.2	+0.8
PFO	Pinyon Flats O	68.87 320	P	P	11 52 44.3	+2.0
N23A	Red Feather La	69.39 332	P	P	11 52 44.8	+2.1
GMRC	Granite Mounta	69.22 322	P	P	11 52 46.8	+2.3
SUSD	Miller	69.25 339	P	P	11 52 45.6	+1.3
KNB	Kanab	69.26 325	P	P	11 52 47.0	+2.3
KNB	Kanab	69.26 325	P	P	11 52 47.0	+2.3
O20A	White River Ci	69.36 330	I Amb	I Amb	11 52 47.7	+2.5
O20A	White River Ci	69.36 330	I Amb	I Amb	11 52 49.5	
HEC	Hector,Ludlow	69.65 321	P	P	11 52 48.7	+1.7
TUQ	Turquoise Moun	69.84 322	P	P	11 52 50.5	+2.3
MATO	Matagami	69.93 355	P	P	11 52 48.5	+0.3
QSPA	South Pole Qui	69.95 180	P	P	11 52 50.3	+1.8
QSPA	South Pole Qui	69.95 180	P	P	11 52 50.2	+1.7
LIC	Lamto	69.96 75	ePKP1	P	11 52 48.9	-0.4
LIC	Lamto	69.96 75	P	P	11 52 48.9	-0.4
BFCSC	Mount Baldy Ra	70.03 320	P	P	11 52 51.8	+2.3
TIC	Toumou	70.14 75	ePKP1	P	11 52 50.0	-0.4
SHRP	Sheep Range	70.17 323	I Amb	I Amb	11 52 55.2	
TCRU	Three Creeks R	70.25 321	P	P	11 52 51.9	+1.0
GSC	Goldstone, Bar	70.25 321	P	P	11 52 53.8	+3.1
GSC	Goldstone, Bar	70.25 321	P	P	11 52 52.0	+1.2
GSC	Goldstone, Bar	70.25 321	P	P	11 52 53.8	+3.1
GSC	Goldstone, Bar	70.25 321	I Amb	I Amb	11 53 02.1	

KIC	Kosan Boka	70.27 75	ePKP1	P	11 52 49.9	-1.3
DBIC	Dimbokoro	70.30 75	P	P	11 52 49.7	-1.6
DBIC	Dimbokoro	70.30 75	P	P	11 52 49.7	-1.6
DBIC	Dimbokoro	70.30 75	P	P	11 52 49.7	-1.6
EYMN	Ely	70.31 346	P	P	11 52 50.6	-0.1
SHOC	Shoshone, Teco	70.37 322	P	P	11 52 53.8	+2.5
SNCC	San Nicolas Is	70.50 318	P	P	11 52 52.6	+0.4
K22A	Casper	70.62 333	P	P	11 52 54.1	+1.2
EDW2	Edwards Air Fo	70.67 320	P	P	11 52 54.9	+1.6
RSSD	Black Hills	70.82 335	P	P	11 52 55.5	+1.3
RSSD	Black Hills	70.82 335	P	P	11 52 54.9	+0.7
RSSD	Black Hills	70.82 335	P	P	11 52 55.5	+1.3
RSSD	Black Hills	70.82 335	P	P	11 52 55.0	+1.3
RSSD	Black Hills	70.82 335	P	I Amb	11 52 55.0	+1.3
LRMC	Laurel Mtn Rd	70.89 321	P	P	11 52 56.7	+2.0
NLU	North Lily Min	71.07 328	P	P	11 52 58.4	+2.6
TPNV	Topopah Spring	71.09 323	P	P	11 52 58.0	+2.1
TPNV	Topopah Spring	71.09 323	I Amb	I Amb	11 53 07.4	
FURC	Furnace Creek	71.10 322	P	P	11 52 58.6	+2.9
MPMC	Manual Prospec	71.18 322	P	P	11 52 59.0	+2.4
CTU	Camp Tracy	71.47 328	P	P	11 53 01.1	+2.9
ISA	Isabella, Lake	71.49 321	P	P	11 53 00.6	+2.3
ISA	Isabella, Lake	71.49 321	I Amb	I Amb	11 53 03.2	
DUG	Dugway, Toeole	71.62 327	P	P	11 53 00.4	+1.4
DUG	Dugway, Toeole	71.62 327	I Amb	I Amb	11 53 03.8	
R11A	Troy Canyon, C	71.72 324	P	P	11 53 01.8	+2.0
AGMN	Agassiz Nation	71.76 343	I Amb	I Amb	11 52 59.4	-0.1
AGMN	Agassiz Nation	71.76 343	I Amb	I Amb	11 53 02.0	
PKM	McPerson Peak	71.77 319	P	P	11 53 01.2	+1.1
CWC	Cottonwood Cre	71.79 322	P	P	11 53 00.5	+0.3
YES	Vestal, Richgr	71.97 321	P	P	11 53 02.3	+1.3
TBI	Tubuai	72.03 251	eLR	LR	12 15 08.6	
BW06	Boulder Array	72.05 331	P	P	11 53 01.6	0.0
PDAR	Pinedale Array	72.05 331	P	P	11 53 02.4	+0.7
PDAR	Pinedale Array	72.05 331	P	P	11 53 02.4	+0.7
PDAR	Pinedale Array	72.05 331	P	P	11 53 02.1	+0.5
PDAR	Pinedale Array	72.05 331	I Amb	I Amb	11 53 07.6	
SMDC	Simmer	72.17 320	P	P	11 53 03.0	+0.7
MDND	Maddock	72.47 340	P	P	11 53 04.0	+0.3
MDND	Maddock	72.47 340	P	P	11 53 04.6	+0.9
AHID	Auburn Hatcher	72.75 330	I Amb	I Amb	11 53 09.7	
REDW	Red Top Meadow	73.10 331	I Amb	I Amb	11 53 18.3	
OMMB	Old Mammoth M	73.13 322	I Amb	I Amb	11 53 13.0	
SNOW	Snow King Moun	73.13 331	I Amb	I Amb	11 53 12.3	
TPAW	Teton Pass	73.25 331	P	P	11 53 10.3	+1.4
TPAW	Teton Pass	73.25 331	I Amb	I Amb	11 53 13.0	
NVAR	Minna Array Bea	73.29 323	P	P	11 53 10.3	+1.2
NVAR	Minna Array Bea	73.29 323	P	P	11 53 10.7	+1.6
ULM	Ulm	73.54 344	P	P	11 53 09.3	-0.7
RYN	Ryan	73.55 323	P	P	11 53 12.1	+1.5
IMW	Indian Meadow	73.56 331	I Amb	I Amb	11 53 14.9	
FLWY	Flagg Ranch	73.59 331	I Amb	I Amb	11 53 15.4	
KVN	Kaiserville	73.61 324	I Amb	I Amb	11 53 15.9	
PPT2	Papeete2	73.68 257	eS	S	12 02 45.6	+2.3
PPT2	Papeete2	73.68 257	eLR	LR	12 15 57.7	
PPT	Papeete	73.68 257	LR	LR	12 18 31.9	
H17A	Grant Village	73.78 332	P	P	11 53 13.6	+1.6
RLMT	Red Lodge	73.78 333	P	P	11 53 13.2	+1.3
RLMT	Red Lodge	73.78 333	I Amb	I Amb	11 53 16.1	
LAO	LASA Array	73.81 336	P	P	11 53 12.5	+0.7
LAO	LASA Array	73.81 336	I Amb	I Amb	11 53 15.7	
LKWY	Lake	73.84 332	I Amb	I Amb	11 53 17.6	
YMP	Ymir Lake P	73.87 332	P	P	11 53 17.0	+4.6
CMB	Columbia Colie	74.22 321	P	P	11 53 17.0	+2.6
CMB	Columbia Colie	74.22 321	P	P	11 53 17.0	+2.6
CMB	Columbia Colie	74.22 321	P	P	11 53 17.0	+2.6
QLMT	Earthquake Lak	74.50 331	P	P	11 53 18.3	+2.2
DGMT	Dagmar	74.55 338	P	P	11 53 17.1	+1.1
PAHR	Pah Range	74.78 323	P	P	11 53 19.6	+1.8
PAHR	Pah Range	74.78 323	I Amb	I Amb	11 53 22.7	
SCHO	Schefferville	74.85 3	P	P	11 53 16.8	-0.8
AFDM	Forest Hills D	75.17 322	P	P	11 53 20.0	+0.2
DLMT	Dillon	75.44 331	I Amb	I Amb	11 53 26.5	
MFID	Camas Ranch	75.52 328	I Amb	I Amb	11 53 26.7	
EGMT	Eagleton	76.30 334	P	P	11 53 26.9	+0.7
O03E	Paynes Creek	76.55 322	P	P	11 53 27.3	-0.4
O02D	Mt. Diablo Mer	77.04 322	P	P	11 53 30.3	-0.2
M50	Missoula	77.16 331	P	P	11 53 31.5	+0.4
M50	Missoula	77.16 331	P	P	11 53 33.2	+2.1
N02C	Trinity Center	77.51 323	P	P	11 53 32.8	-0.3
M04C	Macdoel	77.56 324	P	P	11 53 33.9	+0.5
VNDA	Vandenberg	77.74 190	P	P	11 53 34.5	+0.7
M02C	Callahan	77.87 323	P	P	11 53 34.8	-0.3
YBH	Yreka Blue Hor	78.01 323	P	P	11 53 36.9	+0.9
F10A	Beach Ranch, E	78.06 329	P	P	11 53 37.6	+1.4
L04D	Chiloquin, OR	78.07 324	P	P	11 53 35.7	-0.6
K04D	Klamath Falls	78.11 324	P	P	11 53 36.2	-0.3
J05D	Fort Rock, OR	78.23 325	P	P	11 53 38.4	+1.2
SYO	Syowa Bas	78.37 160	eP	P	11 53 37.0	-0.4
PINE	Pine Mountain	78.42 326	I Amb	I Amb	11 53 43.2	
L02E	Cave Junction	78.79 323	P	P	11 53 40.5	+0.3
WALA	Waterton Lakes	78.84 333	P	P	11 53 40.0	-0.4
WALA	Waterton Lakes	78.84 333	I Amb	I Amb	11 53 44.4	

I05D	Terrebonne, OR	79.00 326	P	P	11 53 41.5	+0.2
K02D	Williamette Mer	79.18 323	P	P	11 53 42.2	-0.2
I04A	Tendick Farm,	79.21 325	P	P	11 53 42.4	-0.1
FFC	Flin Flon	79.22 342	P	P	11 53 42.5	+0.3
FFC	Flin Flon	79.22 342	P	P	11 53 42.5	+0.3
HAWA	Hanford	7				

MKAR Makanchi Array 51.33 344 P P 12 20 01.5 +0.3
TXAR Lajitas Array 144.07 38 PKP PKPbc 12 30 31.6 +0.1

IDC 03 12:26:11.2.0.5, 27.55N; 140.21E, h449km, 5km, mb3.3/24,
mb1.3/4.28, mb1mx3.6/3, mbtmp4.1/28, Error ellipse:
s-maj=12.1km s-min=9.7km az=78.0

JMA 03 12:26:13.3.0.3, 27.79N; 140.51E, h451km, 5km, M4.0
ISC 03 12:26:11.7.0.6, 27.61N; 0.008; 140.25E; 0.09, h450km, n46,
c1547/53, mb3.6/24, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 03 12:33:28.2.2.7, 5.94S; 149.28E, h0km, mb2.9/3,
mb1.3/3.3, mb1mx3.1/31, mbtmp3.0/3, Error ellipse:
s-maj=236.1km s-min=33.7km az=125.0, New Britain
region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the New Britain region.

IDC 03 12:34:44.1.0.8, 20.55S; 70.76W, h0km, mb3.9/7,
mb1.4/2.9, mb1mx4.0/30, mbtmp4.1/9, M4.6/2, Error
ellipse: s-maj=27.4km s-min=18.2km az=55.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the Chile region.

GO01 Chusmiza 1.78 57 I/P Pn 12 35 16.1 -0.2
GO01 Chusmiza 1.78 57 I/P Ssn 12 35 38.6 -0.6
GO01 Chusmiza 1.83 129 I AM L 12 35 50.0

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous seismic stations across various regions.

MOS 03 12:38:55.7.0.9, 45.52N; 26.37E, h132km, mb4.5/12, Error
ellipse: s-maj=5.5km s-min=4.2km az=105.0

MOS Felt (I) at Kishinev.
BUC 03 12:38:57.0.0.2, 45.49N; 26.40E, h128km, 2km, M4.7/55,
Error ellipse: s-maj=1.5km s-min=1.5km az=0.0
PDG 03 12:38:56.1.0.2, 45.43N; 26.28E, h20km, 3km, M4.0/13,
Error ellipse: s-maj=2.3km s-min=4.2km az=0.0
SIGU 03 12:38:56.0.1.4, 45.61N; 0.8; 26.4E; 0.8, h138km, mb4.0/14
SOF 03 12:38:56.6.4, 45.53N; 26.35E, h120km, MD4.5
IDC 03 12:38:56.7.0.4, 45.51N; 26.20E, h128km, 3km, mb3.9/18,
mb1.3/9.27, mb1mx3.7/49, mbtmp4.2/27, Error ellipse:
s-maj=12.9km s-min=9.4km az=5.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the Romania region.

SECR 0.50 204 I/S Ssn 12 39 32.1 +1.2
SECR 0.50 204 I/S Ssn 12 39 32.1 +1.2
ODBI 0.56 61 I/S Ssn 12 39 32.3 +1.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous seismic stations across various regions.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array, and various local stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM Songino Array, GATA Gaotai, and various local stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AFI, NIUE Niue, and various local stations.

DRS 03 12:44:08.0, 0.41:53N:46:64E, h10km
MOS 03 12:44:09.0, 0.41:57N:46:67E, h8km, MPVA3.6
NORS 03 12:44:10.3, 0.41:57N:46:79E, h20km, MPVA3.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details.

BUI 03 12:56:33.6, 0.0, 18:01S:177:77W, h584km, mB4.9/34, mB5.0/60
IDC 03 12:56:35.8, 0.0, 18:00S:178:40W, h568km, mB4.8/34, mB1.4/36, mB1mx4.7/45, mBtmp5.7/36, Error ellipse: s-maj=8.8km s-min=7.8km az=164.0

TAOE Nuku Hiva Isl...
STKA Stephens Creek...
ARPS Mount Arapiles...
QIS Mount Isa...
HTT Hallett...
JAY Jayapura

3d 13h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like YKA, TUL1, BGNE, KSU1, etc.

2014 APR

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like OBN, NOA, NOA, NOA, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like VRAC, PLN, TANN, VYHS, etc.

NEIC 03:10:31:36.8:2.8, 19:97S:0:05:71:00W:0:04, 117km, 2km, mb4.7/5, Mw4.1/42, ML4.3(GUC), Error ellipse: s-maj=10.6km s-min=4.4km az=325.0 IDC 03:10:31:06.6:0.9, 19:90S:70:84W, h0km, mb4.0/6, mb1.4/3.8, mb1mx4.1/30, mbtmp4.1/8, ML4.02, Error

3d 13h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like PTGA Pitinga, FLOF Florencia, CRUC La Cruz, etc.

IDC 03 13:36:00.8-0.9, 39.59N, 77.07E, h0km, mb3.7/12, m1 3.6/17, mb1mx3.6/48, mbtmp3.6/17, ML2.8/4, MS3.3/2, Ms1 3.4/2, ms1mx2.6/52, Error ellipse: s-maj=19.4km s-min=15.9km az=72.0

SOME 03 13:36:01.6-0.9, 39.70N, 77.00E, h10km KRNET 03 13:36:02.0-0.1, 39.50N, 77.03E, mb4.3, BUJ 03 13:36:02.1-0.0, 39.57N, 77.19E, h7km, mb4.1/2, mb4.2/8, ML3.9/6, Ms3.6/1

NNC 03 13:36:07.7-0.9, 39.84N, 77.08E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=6.5km s-min=5.0km az=142.0

ISC 03 13:36:02.9-0.7, 39.45N, 0.05, 76.99E, 0.04, h10km, n98, e178/134, mb3.7/12, 27C-29D, Southern Xinjiang

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like KSH Kashi, ULHL Ulahol, KZA Kyzart, etc.

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Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like AAK 73nm,0.5s, MDOK Medeo, etc.

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like JBG Jabagly, BTLS Baital, KAPS Kaparasan, etc.

IDC 03 13:49:18.3-0.7, 20.38S, 70.62W, h0km, mb4.0/8, m1 4.3/11, mb1mx4.1/27, mbtmp4.1/11, ML4.2/3, MS3.2/4, Ms1 3.2/4, ms1mx3.0/32, Error ellipse: s-maj=26.3km s-min=18.0km az=51.0

NEIC 03 13:49:19.6-2.3, 20.47S, 70.67W, 0.05, h10km, 1km, mb4.3/7, ML4.6(GUC), Error ellipse: s-maj=8.2km s-min=3.0km az=297.0

VAO 03 13:49:21.6-3.4, 20.35S, 70.66W, h19km, 22km, mb4.5 GUC 03 13:49:23.7-0.7, 20.48S, 70.49W, h28km, 2km, ML4.5

ISC 03 13:49:19.8-2.6, 20.44S, 70.64W, 0.05, h13km, 16km, n80, e192/90, mb4.2/9, 5C-6D, Near coast of northern Chile

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like TA01 Diego Aracena, PSGC Pisagua, IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IPOC Station P, Limon Verde, and various other locations.

2014 APR

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Hyderabad, Songoing Array, and various other locations.

3d 15h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Mina Guanaco, La Paz, and various other locations.

3d 15h

SJG	San Juan	38.67	7	P	P	15 15 30.6	-1.7
SJG	San Juan	38.67	7	P	P	15 15 30.6	-1.7
SJG	San Juan	38.67	7	P	P	15 15 30.6	-1.7
BANI	Monte Pirata	38.73	8	I	I	15 15 27.9	-4.5
HUMP	Col San Antoni	38.73	8	P	P	15 15 31.2	-1.6
SDD	Santo Domingo	38.74	1	P	P	15 15 32.7	-0.1
GCPR	Culebra, Puerto	38.97	9	P	P	15 15 32.6	-2.2
CUPR	Culebra, Puerto	38.97	9	P	P	15 15 32.6	-2.2
STVI	Loma Pena Alta	39.06	2	P	P	15 15 35.0	-0.6
DR12	El Apazote	40.19	330	P	P	15 15 35.2	-0.7
APG	El Apazote	40.19	330	P	P	15 15 46.5	+1.1
GTBY	Guantanamo Bay	40.40	354	P	P	15 15 47.9	+1.0
GRTK	Grand Turk	41.77	360	P	P	15 15 56.7	-1.3
CCIG	Comitan	42.09	329	P	P	15 16 00.6	-0.3
CMIG	Matias Romero	44.16	326	P	P	15 16 18.5	+1.0
CMIG	Willston	50.84	347	P	P	15 17 09.6	+0.4
656A	Willston	50.84	347	P	P	15 17 11.3	
656A	Willston	50.84	347	P	P	15 17 11.3	
456A	Hilliard	52.05	348	P	P	15 17 18.3	0.0
552A	Crawfordville	52.08	345	P	P	15 17 19.2	+0.8
451A	Vernon	52.80	344	P	P	15 17 26.0	+2.2
ZAIG	Zacatecas	52.96	323	P	P	15 17 26.1	+0.5
255A	Zacatecas	53.31	348	P	P	15 17 27.8	+0.3
255A	Zacatecas	53.31	348	P	P	15 17 29.3	
352A	Blakely	53.42	345	P	P	15 17 28.2	-0.1
352A	Blakely	53.42	345	P	P	15 17 29.9	
BRAL	Brewton	53.67	343	P	P	15 17 31.0	+0.7
158A	Hollywood	53.69	350	P	P	15 17 31.4	+1.1
157A	Early Branch	53.77	349	P	P	15 17 31.8	+0.9
CSU	Charleston Sou	53.91	350	P	P	15 17 33.0	+1.0
Z59A	Georgetown, SC	54.05	351	P	P	15 17 33.9	+0.9
NHSC	New Hope	54.05	350	P	P	15 17 34.0	+1.1
NHSC	New Hope	54.05	350	P	P	15 17 34.1	+1.1
154A	Montrose	54.10	347	P	P	15 17 33.9	+0.6
Z58A	St. Stephen	54.22	351	P	P	15 17 35.1	+0.9
250A	Grady	54.23	344	P	P	15 17 33.9	-0.4
250A	Grady	54.23	344	P	P	15 17 35.5	
Z57A	Bowman	54.32	350	P	P	15 17 35.7	+0.7
152A	Waverly Hall	54.51	346	P	P	15 17 35.9	-0.4
Y60A	Bolivia	54.66	353	P	P	15 17 38.1	+0.7
Y60A	Bolivia	54.66	353	P	P	15 17 38.0	+0.6
Y58A	Scranton	54.76	351	P	P	15 17 38.7	+0.6
GOGA	Godfrey	54.95	347	P	P	15 17 39.7	+0.2
GOGA	Godfrey	54.95	347	P	P	15 17 39.3	-0.2
GOGA	Godfrey	54.95	347	P	P	15 17 39.6	+0.2
Y57A	Sumter	54.98	350	P	P	15 17 40.1	+0.5
Y55A	Saluda	55.15	349	P	P	15 17 41.2	+0.3
X60A	Albert Glenn T	55.20	353	P	P	15 17 42.0	+0.7
Z51A	Franklin	55.23	345	P	P	15 17 41.5	-0.1
X59A	McDuffie Farm,	55.27	352	P	P	15 17 42.1	+0.3
X58A	Rowland	55.35	352	P	P	15 17 43.2	+0.9
Z50A	Ashland	55.36	345	P	P	15 17 42.3	-0.2
Z50A	Ashland	55.36	345	P	P	15 17 41.9	-0.6
X57A	Johnson Farm,	55.37	351	P	P	15 17 42.8	+0.2
LRAL	Lakeview Retre	55.42	344	P	P	15 17 42.8	-0.2
LRAL	Lakeview Retre	55.42	344	P	P	15 17 42.4	-0.6
HODGE	Hodges	55.50	349	P	P	15 17 43.7	+0.2
Y52A	Liburn	55.51	347	P	P	15 17 43.2	-0.3
Y52A	Liburn	55.51	347	P	P	15 17 43.3	-0.3
342A	Flagon Creek P	55.54	338	P	P	15 17 45.0	+1.2
X56A	White Oak	55.54	350	P	P	15 17 43.9	+0.1
BIRD	Birtown, Kers	55.60	350	P	P	15 17 44.4	+0.2
BIRD	Birtown, Kers	55.60	350	P	P	15 17 46.0	
HKT	Hockley	55.62	334	P	P	15 17 45.4	+1.0
HKT	Hockley	55.62	334	P	P	15 17 45.4	+1.0
X55A	Gracelyn & Ava	55.62	349	P	P	15 17 44.9	+0.5
146A	Union	55.63	341	P	P	15 17 45.0	+0.5
146A	Union	55.63	341	P	P	15 17 45.8	
W60A	Pink Hill	55.64	353	P	P	15 17 45.3	+0.9
W61A	Ground Anchor	55.69	354	P	P	15 17 45.7	+1.0
W58A	Raeford	55.79	352	P	P	15 17 46.3	+0.7
833A	Chaparral WMA,	55.81	329	P	P	15 17 46.6	+0.7
X54A	Belton	55.83	349	P	P	15 17 46.1	+0.2
CNCC	Cliffs of the	55.84	353	P	P	15 17 46.5	+0.6
Z47A	Carrollton	55.87	343	P	P	15 17 44.5	-1.6
Z47A	Carrollton	55.87	343	P	P	15 17 46.5	
X53A	Estanollee	55.97	348	P	P	15 17 46.9	+0.1
V62A	Hyde County Ai	55.97	355	P	P	15 17 46.5	-0.3
PAULI	Pauline	56.00	349	P	P	15 17 47.6	+0.6
W57A	Gilead	56.03	351	P	P	15 17 47.6	+0.4
W57A	Gilead	56.03	351	P	P	15 17 47.4	+0.2
Y49A	Blount Mountain	56.05	344	P	P	15 17 46.8	-0.7
W56A	Indian Trail	56.10	350	P	P	15 17 47.9	+0.1
KM5C	Kings Mountain	56.23	350	P	P	15 17 49.0	+0.3
KM5C	Kings Mountain	56.23	350	P	P	15 17 48.5	-0.2
V61A	Roper	56.25	354	P	P	15 17 49.5	+0.7
V60A	Jim Taylor Roa	56.29	354	P	P	15 17 49.8	+0.7
V60A	Jim Taylor Roa	56.29	354	P	P	15 17 50.0	+0.9
W54A	Cherokee Point	56.32	349	P	P	15 17 49.9	+0.5
X51A	Calhoun	56.36	346	P	P	15 17 50.1	+0.4
X51A	Calhoun	56.36	346	P	P	15 17 49.2	-0.4
BG3	Lake Jocassee	56.37	348	P	P	15 17 49.6	-0.1
V59A	Middlesex	56.40	353	P	P	15 17 50.6	+0.7
143A	Socs Landing,	56.43	339	P	P	15 17 50.6	+0.4
FPAL	Fort Paine	56.51	345	P	P	15 17 50.4	-0.3

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V58A	Windy Hill, Pi	56.54	352	P	P	15 17 51.5	+0.6
V58A	Windy Hill, Pi	56.54	352	P	P	15 17 51.3	+0.5
W52A	Murphy	56.67	347	P	P	15 17 51.7	-0.2
V57A	Collrane Farms	56.72	351	P	P	15 17 52.6	+0.4
NATX	Nacogdoches	56.75	336	P	P	15 17 53.6	+1.2
V56A	Mocksville	56.75	351	P	P	15 17 53.1	+0.7
U61A	Possum Corner	56.78	355	P	P	15 17 53.3	+0.8
U61A	Possum Corner	56.78	355	P	P	15 17 52.5	0.0
X48A	Hartselle	56.78	344	P	P	15 17 52.0	-0.7
V55A	Taylorsville	56.90	350	P	P	15 17 54.1	+0.6
V55A	Taylorsville	56.90	350	P	P	15 17 53.5	0.0
Y45A	Yeager Farm, C	56.92	341	P	P	15 17 53.4	-0.3
U59A	Littleton	56.93	353	P	P	15 17 54.3	+0.7
U59A	Littleton	56.93	353	P	P	15 17 54.3	+0.7
V54A	Nebo	56.95	349	P	P	15 17 54.1	+0.2
U60A	Pendleton	56.98	354	P	P	15 17 54.7	+0.7
V53A	Saluda	57.00	348	P	P	15 17 54.2	0.0
U58A	Oxford	57.06	353	P	P	15 17 55.2	+0.6
W50A	Signal Mountai	57.07	346	P	P	15 17 54.5	-0.3
435B	Jarrell	57.09	333	P	P	15 17 54.8	-0.1
TKL	Tuckaleechee C	57.18	348	P	P	15 17 55.7	+0.2
TKL	Tuckaleechee C	57.18	348	P	P	15 17 55.5	0.0
TKL	Tuckaleechee C	57.18	348	P	P	15 17 55.5	0.0
U57A	Blanch	57.20	352	P	P	15 17 56.1	+0.6
SWET	Sewanee	57.23	345	P	P	15 17 56.4	-1.3
U56A	King	57.26	351	P	P	15 17 56.7	+0.7
U56A	King	57.26	351	P	P	15 17 55.8	-0.2
V52A	Sevierville	57.32	348	P	P	15 17 56.2	-0.2
Z41A	Richland Creek	57.41	338	P	P	15 17 58.0	+0.9
V51A	Loudon	57.44	347	P	P	15 17 56.8	-0.5
OXF	Oxford	57.48	342	P	P	15 17 56.5	-1.1
OXF	Oxford	57.48	342	P	P	15 17 56.7	-0.9
OXF	Oxford	57.48	342	P	P	15 17 56.5	-1.1
OXF	Oxford	57.48	342	P	P	15 17 56.6	-0.9
U55A	TA2, Sparta	57.51	350	P	P	15 17 58.2	+0.3
T59A	Double "B" Far	57.52	354	P	P	15 17 58.5	+0.7
T59A	Double "B" Far	57.52	354	P	P	15 17 57.5	-0.3
PLAL	Pickwick Lake	57.55	343	P	P	15 17 57.0	-1.1
T58A	Grand View Acr	57.60	353	P	P	15 17 59.0	+0.6
T60A	Surry	57.60	354	P	P	15 17 59.2	+0.8
T60A	Surry	57.60	354	P	P	15 17 58.9	+0.5
U54A	Nelsons Furry	57.66	350	P	P	15 17 58.9	0.0
U54A	Nelsons Furry	57.66	350	P	P	15 17 58.9	0.0
CCAR	Cane Creek	57.67	339	P	P	15 18 00.0	+1.1
T57A	Hurt	57.74	352	P	P	15 17 59.5	+0.1
JCT	Junction City	57.82	330	P	P	15 18 00.0	-0.2
JCT	Junction City	57.82	330	P	P	15 18 00.4	+0.3
JCT	Junction City	57.82	330	P	P	15 17 60.0	-0.2
T56A	Rocky Mt	57.88	351	P	P	15 18 01.3	+0.9
W48A	White Oak Lake	57.91	338	P	P	15 18 01.4	+0.8
X43A	Marvell	57.93	341	P	P	15 18 01.2	+0.5
V48A	Smith Brothers	57.95	345	P	P	15 18 02.7	-0.7
V48A	Smith Brothers	57.95	345	P	P	15 18 01.8	
HPIG	Hickory Valley	57.96	323	P	P	15 18 02.3	+0.9
W45A	Hickory Valley	58.02	342	P	P	15 18 01.0	-0.4
S51A	Acconac	58.0					

Q50A	Georgetown	60.30 348	P	P	15 18 16.6	-0.5
T42A	Van Buren	60.32 341	P	P	15 18 16.7	-0.6
Q51A	Peebles	60.36 349	P	P	15 18 17.2	-0.3
Q51A	Peebles	60.36 349	P	P	15 18 17.2	-0.3
MVL	Millersville	60.41 355	P	P	15 18 18.2	+0.4
MVL	Millersville	60.41 355	P	P	15 18 20.0	
S44A	Carbondale	60.42 343	P	P	15 18 18.0	+0.1
S44A	Carbondale	60.42 343	P	P	15 18 18.9	
SIUC	Southern Illin	60.43 343	P	P	15 18 17.8	-0.2
SIUC	Southern Illin	60.43 343	P	P	15 18 19.0	
MCWV	Mont Chateau	60.44 352	P	P	15 18 18.6	+0.5
MCWV	Mont Chateau	60.44 352	P	P	15 18 20.0	
P54A	Burton	60.47 352	P	P	15 18 18.8	+0.5
P53A	Whipple	60.49 351	P	P	15 18 18.7	+0.3
P53A	Whipple	60.49 351	P	P	15 18 19.9	
X34A	Smith Ranch, M	60.50 335	P	P	15 18 18.8	+0.2
X34A	Smith Ranch, M	60.50 335	P	P	15 18 20.3	
HHAR	Hobbs	60.55 339	P	P	15 18 18.5	-0.4
HHAR	Hobbs	60.55 339	P	P	15 18 20.3	
O58A	Lewisberry	60.58 355	P	P	15 18 19.9	+0.8
W35A	Aurora	60.60 336	P	P	15 18 18.4	-0.8
Q49A	Aurora	60.60 348	P	P	15 18 18.9	-0.5
O60A	Telford	60.66 356	P	P	15 18 20.3	+0.8
O57A	Amberson	60.73 354	P	P	15 18 21.2	+1.2
Q48A	North Vernon	60.74 347	P	P	15 18 19.9	-0.2
P52A	Corning	60.75 350	P	P	15 18 20.1	0.0
P51A	Williamsport	60.76 349	P	P	15 18 20.2	0.0
P51A	Williamsport	60.76 349	P	P	15 18 19.4	-0.8
P51A	Williamsport	60.76 349	P	P	15 18 21.4	
MGMO	Mountain Grove	60.80 341	P	P	15 18 20.0	-0.5
MGMO	Mountain Grove	60.80 341	P	P	15 18 21.8	
U38A	Gravette	60.84 338	P	P	15 18 20.9	0.0
U38A	Gravette	60.84 338	P	P	15 18 22.2	
TUL1	Leonard	60.87 337	P	P	15 18 21.2	+0.2
TUL1	Leonard	60.87 337	P	P	15 18 21.1	
O56A	Blue Knob Stat	60.89 353	P	P	15 18 22.3	+1.1
O56A	Blue Knob Stat	60.89 353	P	P	15 18 21.4	+0.2
O56A	Blue Knob Stat	60.89 353	P	P	15 18 22.2	+0.9
LUPA	Lehigh Unives	60.94 356	P	P	15 18 21.8	+0.4
BRNJ	Basking Ridge	60.98 357	P	P	15 18 22.2	+0.6
BRNJ	Basking Ridge	60.98 357	P	P	15 18 24.2	
WMOK	Wichita Mounta	61.00 334	P	P	15 18 22.5	+0.5
WMOK	Wichita Mounta	61.00 334	P	P	15 18 22.5	+0.5
WMOK	Wichita Mounta	61.00 334	P	P	15 18 22.1	+0.2
FVM	French Village	61.01 342	P	P	15 18 22.2	+0.2
FVM	French Village	61.01 342	P	P	15 18 22.2	+0.2
FVM	French Village	61.01 342	P	P	15 18 22.2	+0.2
O54A	Avella	61.02 352	P	P	15 18 22.3	+0.3
O54A	Avella	61.02 352	P	P	15 18 22.3	+0.3
OLIL	Olney	61.10 345	P	P	15 18 21.3	-1.3
OLIL	Olney	61.10 345	P	P	15 18 22.9	
P49A	Miami Univ. Ec	61.11 348	P	P	15 18 21.9	-0.8
BLO	Bloomington	61.15 346	P	P	15 18 22.0	-0.9
BLO	Bloomington	61.15 346	P	P	15 18 22.0	-0.9
BLO	Bloomington	61.15 346	P	P	15 18 22.0	-0.9
O52A	Adamsville	61.17 350	P	P	15 18 21.9	-1.1
O52A	Adamsville	61.17 350	P	P	15 18 21.4	-1.7
SSPA	Standing Stone	61.18 354	P	P	15 18 24.1	+1.0
SSPA	Standing Stone	61.18 354	P	P	15 18 23.1	0.0
P48A	Milroy	61.19 347	P	P	15 18 22.1	-1.0
N60A	Cedar Hill Far	61.19 356	P	P	15 18 23.9	+0.8
O53A	New Philadelph	61.21 351	P	P	15 18 23.3	0.0
N57A	Milroy	61.27 354	P	P	15 18 24.4	+0.7
PAL	Palisades	61.27 357	P	P	15 18 24.5	+0.9
PAL	Palisades	61.27 357	P	P	15 18 24.5	+0.9
PAL	Palisades	61.27 357	P	P	15 18 24.4	+0.8
PAL	Palisades	61.27 357	P	P	15 18 25.4	
CCM	Cathedral Cave	61.32 342	P	P	15 18 23.8	-0.2
CCM	Cathedral Cave	61.32 342	P	P	15 18 23.8	-0.2
CCM	Cathedral Cave	61.32 342	P	P	15 18 23.8	-0.2
O51A	Pataaskala	61.33 350	P	P	15 18 23.9	-0.1
ODNJ	Ogdensburg	61.38 357	P	P	15 18 24.5	+0.1
ODNJ	Ogdensburg	61.38 357	P	P	15 18 45.3	
N55A	Marion Centre	61.44 353	P	P	15 18 25.9	+1.0
ACSO	Alum Creek Sta	61.47 349	P	P	15 18 25.4	+0.3
ACSO	Alum Creek Sta	61.47 349	P	P	15 18 24.8	-0.3
Q44A	Meyer Farm, Va	61.49 344	P	P	15 18 24.1	-1.1
Q44A	Meyer Farm, Va	61.49 344	P	P	15 18 25.5	
N56A	West Decatur	61.50 354	P	P	15 18 26.0	+0.7
O50A	Cable	61.50 349	P	P	15 18 25.1	-0.2
YLE	Fate	61.54 358	P	P	15 18 25.6	+0.2
MNTX	Cornudas Mount	61.55 327	P	P	15 18 26.0	+0.2
MNTX	Cornudas Mount	61.55 327	P	P	15 18 25.1	-0.7
M61A	Granite Spring	61.56 358	P	P	15 18 26.3	+0.7
SLM	Saint Louis	61.57 343	P	P	15 18 25.2	-0.6
SLM	Saint Louis	61.57 343	P	P	15 18 25.2	-0.6
SLM	Saint Louis	61.57 343	P	P	15 18 25.1	-0.6
WNA3	Neumayer Olymp	61.60 161	P	P	15 18 26.9	+1.3
M63A	Gales Ferry	61.61 359	P	P	15 18 26.6	+0.6
M60A	Port Jervis	61.62 357	P	P	15 18 26.8	+0.8
S39A	Bolivar	61.62 340	P	P	15 18 25.8	-0.4

M62A	Hamden	61.67 358	P	P	15 18 27.2	+0.9
O49A	Covington	61.67 348	P	P	15 18 25.8	-0.6
O49A	Covington	61.67 348	P	P	15 18 25.9	-0.6
O49A	Covington	61.67 348	P	P	15 18 27.0	
N53A	Lisbon	61.70 351	P	P	15 18 26.4	-0.2
N53A	Lisbon	61.70 351	P	P	15 18 28.0	
P46A	Rosedale	61.73 346	P	P	15 18 25.7	-1.1
P46A	Rosedale	61.73 346	P	P	15 18 27.0	
N54A	Moraine State	61.74 352	P	P	15 18 27.6	+0.8
N54A	Moraine State	61.74 352	P	P	15 18 26.6	-0.3
M64A	Tiverton	61.75 360	P	P	15 18 27.4	+0.6
N52A	McCinn's Farm,	61.83 351	P	P	15 18 27.4	-0.1
R40A	Maddies Statio	61.84 341	P	P	15 18 27.4	-0.2
R40A	Maddies Statio	61.84 341	P	P	15 18 28.5	
M59A	Farmland	61.88 356	P	P	15 18 28.8	+1.0
O48A	Farmland	61.90 348	P	P	15 18 27.2	-0.8
KSCT	Kent School, K	61.97 358	P	P	15 18 27.6	-0.8
KSCT	Kent School, K	61.97 358	P	P	15 18 30.3	
N50A	Nevada	62.02 349	P	P	15 18 28.2	-0.6
N51A	Ashland	62.04 350	P	P	15 18 28.6	-0.2
N51A	Ashland	62.04 350	P	P	15 18 28.2	-0.7
M56A	Emporium	62.05 354	P	P	15 18 29.7	+0.7
M56A	Emporium	62.05 354	P	P	15 18 29.5	+0.5
M63A	North Scituate	62.06 359	P	P	15 18 29.8	+0.8
M55A	Ridgway	62.09 353	P	P	15 18 29.9	+0.6
M55A	Ridgway	62.09 353	P	P	15 18 29.5	+0.2
M55A	Ridgway	62.09 353	P	P	15 18 30.0	+0.4
M55A	Ridgway	62.09 353	P	P	15 18 29.4	-0.2
M55A	Ridgway	62.09 353	P	P	15 18 32.1	
BRYW	Bryant College	62.12 359	P	P	15 18 30.2	+0.8
L64A	Middleborough	62.13 0	P	P	15 18 30.2	+0.8
VNA2	Neumayer-Watz	62.20 161	P	P	15 18 30.9	+1.2
M54A	Oil Creek Stat	62.24 353	P	P	15 18 30.6	+0.4
M54A	Oil Creek Stat	62.24 353	P	P	15 18 30.5	+0.2
L60A	Shokand	62.26 357	P	P	15 18 31.4	+1.0
M53A	WI Miller and	62.30 352	P	P	15 18 30.9	+0.2
M53A	WI Miller and	62.30 352	P	P	15 18 30.7	
P43A	Skaggs, Pawnee	62.32 344	P	P	15 18 30.2	-0.6
N48A	Columbus Grove	62.35 349	P	P	15 18 30.5	-0.4
N49A	Columbus Grove	62.35 349	P	P	15 18 30.6	-0.4
AMTX	Amarillo	62.37 332	P	P	15 18 31.5	+0.1
L58A	Harry Jones Me	62.41 356	P	P	15 18 32.5	+1.1
SFIN	Lafayette	62.43 346	P	P	15 18 30.6	-0.9
SFIN	Lafayette	62.43 346	P	P	15 18 30.4	-1.1
SFIN	Lafayette	62.43 346	P	P	15 18 31.4	
ALLY	Alegheny Colle	62.44 352	P	P	15 18 31.7	+0.1
L61A	Hillsdale 1, H	62.44 358	P	P	15 18 32.2	+0.6
L57A	Andrews Acres	62.44 355	P	P	15 18 32.5	+0.9
N48A	Decatur	62.45 348	P	P	15 18 31.1	-0.6
QUA2	Belchertown	62.49 359	P	P	15 18 31.7	-0.1
QUA2	Belchertown	62.49 359	P	P	15 18 33.1	
M52A	Chesterland	62.49 351	P	P	15 18 31.8	-0.2
M52A	Chesterland	62.49 351	P	P	15 18 31.4	-0.6
L59A	Walton	62.50 357	P	P	15 18 33.1	+1.1
L59A	Walton	62.50 357	P	P	15 18 32.2	+0.2
U32A	Winter Ranch,	62.51 335	P	P	15 18 32.0	-0.2
BCX	Boston College	62.53 360	P	P	15 18 43.8	
BCX	Boston College	62.53 360	P	P	15 18 32.4	+0.3
BINY	Binghamton	62.57 356	P	P	15 18 33.4	+0.8
BINY	Binghamton	62.57 356	P	P	15 18 33.3	+0.8
WES	Weston	62.58 360	P	P	15 18 32.4	0.0
WES	Weston	62.58 360	P	P	15 18 34.4	
N47A	Urbana	62.61 347	P	P	15 18 32.4	-0.3
N47A	Urbana	62.61 347	P	P	15 18 32.5	-0.2
N47A	Urbana	62.61 347	P	P	15 18 32.9	
L56A	Greenwood	62.64 354	P	P	15 18 33.6	+0.7
L56A	Greenwood	62.64 354	P	P	15 18 33.3	+0.4
L61B	Northampton	62.67 359	P	P	15 18 33.8	+0.7
HRV	Adam Dzewonski	62.70 359	P	P	15 18 33.1	-0.2
HRV	Adam Dzewonski	62.70 359	P	P	15 18 33.1	-0.2
HRV	Adam Dzewonski	62.70 359	P	P	15 18 34.1	+0.8
HRV	Adam Dzewonski	62.70 359	P	P	15 18 33.1	-0.2
L53A	Girard	62.75 352	P	P	15 18 33.8	+0.1
L55A	Hinsdale	62.77 354	P	P	15 18 34.6	+0.8
M49A	Liberty Center	62.85 349	P	P	15 18 34.1	-0.2
K60A	Five Rivers En	62.87 358	P	P	15 18 35.3	+1.0
K62A	Royalston	62.87 359	P	P	15 18 35.2	+0.8
ERPA	Erie	62.88 352	P	P	15 18 34.8	+0.3
ERPA	Erie	62.88 352	P	P	15 18 33.9	-0.5
K63A	Dunstable	62.89 359	P	P	15 18 35.5	+1.0
K61A	Williamstown	62.90 358	P	P	15 18 35.6	+1.0
L54A	Simsirville	62.91 353	P	P	15 18 35.3	+0.6
P40A	Paris	62.92 342	P	P	15 18 34.2	-0.6
P40A	Paris	62.92 342	P	P	15 18 35.7	
TRY	Edgerton	62.98 358	P	P	15 18 35.2	+0.1
M48A	Edgerton	63.00 348	P	P	15 18 35.1	-0.2
M48A	Edgerton	63.00 348	P	P	15 18 34.3	-1.0
WVNY	West Valley, N	63.01 354	P	P	15 18 35.5	+0.1
K59A	Copertown	63.08 357	P	P	15 18 36.7	+0.9
K58A	Earville	63.11 356	P	P	15 18 36.8	+0.8
K58A	Earville	63.11 356	P	P	15 18 36.6	+0.6
HDIL	Hopedale	63.12 344	P	P	15 18 35.9	-0.2
HDIL	Hopedale	63.12 344	P	P	15 18 35.4	

3d 15h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Offset. Includes entries like H55A Tweed, DELO Deloro Mine, L40A Anamosa, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and Offset. Includes entries like D54A Lac Fusel, D53A Lac Vavie, D53A Lac Vavie, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and Offset. Includes entries like R11A Troy Canyon, R11A Troy Canyon, R11A TBI, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like YKA, DLBC, DEASE LAKE, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like mb1 4.1/9, mb1mx3.8/40, etc.

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

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, KBZ Khabab, FINES Resolute Bay, etc.

IDC 03 15:56:14.8:1.9, 0.95N, 97.11E, h0km, mb3.6/4, mb1 3.6/6, mb1mx3.4/49, mbmp3.5/6, ML3.4/2, Error ellipse: s-maj=54.3km s-min=22.5km az=63.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like GSI Gunungsitoli, SSI Sinabang, Aceh, PBI Pulau Batu, etc.

IDC 03 16:08:32.2:0.9, 20.43S, 70.89W, h0km, mb3.9/3, mb1 4.2/5, mb1mx3.8/36, mbmp3.9/5, ML3.9/2, MS3.1/2, Mb1 3.1/2, mb1mx2.8/26, Error ellipse: s-maj=32.5km s-min=23.6km az=60.0

NEIC 03 16:08:32.5:2.1, 20.52S, 0.013:70.92W, 0.06, h9km, 4km, mb4.5/12, Mw4.3/39, Error ellipse: s-maj=8.5km s-min=3.5km az=80.0

NEIC 03 16:08:32.5:2.0, 20.52S, 70.92W, h11km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr2.64; Mw=0.63; Mo=2.01; Mo=0.28; Mo=0.69; Mo=2.41; Fault plane solution: Ms3.47000, 1019; NP13.356, 21000; 3.67, 30000; 3.101, 97000; NP23.147, 22000; 3.25, 34000; 1.63, 40000; Principal axes: T: 3.7305; P: 6.655; Azm287.0000; N: -0.5863; P1g11.0000; Azm172.0000; P: -3.1442; P1g22.0000; Azm77.0000;

GUC 03 16:08:34.1:0.7, 20.54S, 70.90W, h30km, 3km, ML3.9 VAO 03 16:08:41.6:1.0, 20.71S, 70.25W, h0km, mb4.1

IDC 03 16:08:32.0:1.7, 20.58S, 0.03:70.97W, 0.06, h7km, 10km, n72, c155/84, mb4.4/7, 8C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like TA01 Diego Aracena, PB02 IPOC Station P, PS03 Pisagua, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like PB14 IPOC Station P, G002 Mina Guanaco, LP02 La Paz, etc.

KEA 03 16:12:12.7:0.0, 36.77N, 121.58E, h0km, ML4.6/7 IDC 03 16:12:16.8:0.7, 3.78N, 121.82E, h0km, mb4.0/20, mb1 4.0/24, mb1mx3.9/60, mbmp3.9/24, ML3.3/4, MS3.5/13, Ms1 3.5/13, ms1mx3.2/55, Error ellipse: s-maj=15.6km s-min=11.8km az=9.0

BUI 03 16:12:16.7:0.0, 36.83N, 121.67E, h5km, mb4.5/21, mb4.1/29, ML4.6/20, Ms4.2/34, Ms7 3.9/30 MOS 03 16:12:17.1:1.1, 36.74N, 121.72E, h19km, mb4.5/10, Error ellipse: s-maj=8.2km s-min=6.7km az=118.6

NEIC 03 16:12:18.1:2.6, 36.80N, 0.07:121.66E, 0.09, h11km, 4km, mb4.4/38, Error ellipse: s-maj=10.3km s-min=9.6km az=127.0

IDC 03 16:12:18.2:0.3, 36.81N, 0.03:121.67E, 0.03, h10km, n143, c190/156, mb4.2/42, MS3.6/11, 1C-ID, Southeastern China

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like DL2 Dalian, HJU Haeju, TIA Taian, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like CN2 comp=N, 600nm, 0.9s, NAKUTSU 8.40 113, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, h, m, s, etc.

IDC 03 17:07:47.5:3.4, 20.875:71.45W, h0km, mb3.3/1, mb1 3.8/2, mb1mx3.5/22, mbmtb3.5/2, ML3.9/1, MS3.5/1, Ms1 3.4/1, ms1mx2.7/7, Error ellipse: s-maj=146.9km s-min=61.8km az=137.0

GUC 03 17:07:51.8:0.8, 20.54S:70.92W, h41km, 2km, ML3.8

ISC 03 17:07:50.9:4.0, 20.52S:0.04:70.96W:0.09, h15km, 24km, n14, 0576/22, 7C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, h, m, s, etc.

ANF 03 17:08:00.8:0.1, 34.05N:118.95W, h17km, 1km, ML3.1/23, Error ellipse: s-maj=1.1km s-min=0.9km az=29.3

PAS 03 17:08:01.9:2.0, 34.05N:0.01:118.94W:0.01, h12km, 2km, ML3.1/224, Error ellipse: s-maj=1.7km s-min=1.3km az=206.0

NEIC 03 17:08:01.5:1.5, 34.065N:0.008:118.94W:0.02, h19km, 1km, Error ellipse: s-maj=2.5km s-min=0.4km az=64.0

SCEDC 03 17:08:01.9, 34.05N:118.94W, h12km

ISC 03 17:08:01.5:0.8, 34.05N:0.02:118.95W:0.01, h17km, 5km, n120, 0581/148, Southern California

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, h, m, s, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, h, m, s, etc.

IDC 03 17:16:46.9:2.1, 15.14S:176.99W, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.5/32, mbmtb3.6/4, ML3.9/1, Error ellipse: s-maj=180.8km s-min=32.8km az=164.0, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, h, m, s, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, h, m, s, etc.

3d 17h

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

IDC 03 17:38:50.1, 3.8, 20.09Sx71.44W, h0km, mb3.5/1, mb1 3.8/2, mb1mx3.5/25, mbtmp3.4/2, ML3.3/1, Error ellipse: s-maj=15.4km s-min=62.8km az=145.0

GUC 03 17:38:52.0, 4.7, 19.38Sx70.97W, h40km, 2km, ML3.7

ISC 03 17:38:54.1, 1.8, 20.01S, 0.04, 71.0W, 0.1, h36km, 5km, n14, a=120/22, 9C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pisagua, Diego Aracena, IPOC Station P, etc.

INET 03 17:48:48.8, 12.47'N-88.82'W, h31km, ML3.6

SNET 03 17:48:49.9, 4, 12.62'N-88.75'W, h22km, 6km, ML3.3, 5D, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Alcaldia de J, Jucuarin, Comit de Emé, etc.

AEIC 03 17:49:00.9, 2.2, 51.55'N, 0.09, 175.16W, 0.08, h26km, 4km, ML4.0/23, mb3.9/42(NEIC), Error ellipse: s-maj=14.1km s-min=5.8km az=164.0

IDC 03 17:49:02.9, 4.0, 51.78'N, 175.33'W, h50km, 37km, mb3.7/18, mb1 3.8/21, mb1mx3.6/71, mbtmp3.9/21, ML3.3, MS2.8/4, Ms1 2.9/4, ms1mx2.6/42, Error ellipse: s-maj=25.3km s-min=12.5km az=170.0

NEIC 03 17:49:02.1, 1.6, 51.69'N, 0.06, 175.21'W, 0.03, h42km, 6km, Error ellipse: s-maj=8.3km s-min=2.5km az=190.0

ISC 03 17:49:01.5, 0.6, 51.60'N, 0.09, 175.22'W, 0.04, h40km, n106, a=124/96, mb4.0/23, 1C-3D, Andreanof Islands

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Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Adak, KOKL, KOPF, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAKZ, L56A, ARU, etc.

IDC 03 17:49:52.3, 1.0, 51.46'N, 16.03'E, h0km, mb1 3.0/4, mb1mx2.9/53, mbtmp2.9/4, ML2.5/4, Error ellipse: s-maj=17.0km s-min=8.4km az=122.0

ISC 03 17:49:50.3, 1, 51.56'N, 0.03, 16.11'E, 0.03, h8km, 10km, n2, a=130/64, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSP, CHVC, OSTC, etc.

IDC 03 17:54:06.1, 2.1, 19.08'N, 145.56'E, h202km, 21km, mb3.4/10, mb1 3.6/12, mb1mx3.2/54, mbtmp3.9/12, Error ellipse: s-maj=25.2km s-min=11.9km az=98.0

NEIC 03 17:54:07.2, 1.1, 19.04'N, 145.45'E, 0.2, h212km, 7km, mb4.0/17, Error ellipse: s-maj=26.1km s-min=6.6km az=108.0

ISC 03 17:54:07.1, 0.7, 19.05'N, 0.07, 145.55'E, 0.2, h214km, n38, a=099/39, mb3.9/18, Mariana Islands

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

P5GCX	Pisagua	1.04	41	Pb	18 56 32.0 -1.0
P5GCX				Sb	18 56 47.2 -0.5
PB11	IPOC Station P	1.28	61	Pn	18 56 36.1 -0.7
PB11				Sb	18 56 53.7 -0.1
PB11				IAML	18 56 56.5
comp=N,26um,0.4s					
PB11	IPOC Station P	1.28	61	Pn	18 56 36.1 -0.7
PB02	IPOC Station P	1.29	137	eP	18 56 35.9 -1.0
PB02				Sb	18 56 53.9 +0.2
PB02				IAML	18 56 56.7
comp=E,16um,0.5s					
PB01	IPOC Station P	1.43	118	Pn	18 56 38.5 -0.3
PB01				Sb	18 56 57.3 -0.1
PB01				IAML	18 57 03.3
comp=N,9um,0.4s					
PB01	IPOC Station P	1.43	118	Pn	18 56 38.5 -0.3
PB01				Sb	18 56 57.2 -0.2
PB08	IPOC Station P	1.61	82	Pn	18 56 41.8 +0.3
PB08				Sb	18 57 03.9 +0.8
PB08				IAML	18 57 07.8
comp=N,6um,0.5s					
PB07	IPOC Station P	1.61	146	Pn	18 56 41.2 -0.1
PB07				Sb	18 57 02.1 -0.9
PB07				IAML	18 57 12.1
comp=E,6um,0.7s					
PB07	IPOC Station P	1.61	146	Pn	18 56 41.2 -0.1
GO01	Chusmiza	1.71	66	Pn	18 56 43.6 +0.7
GO01				Sb	18 57 06.5 +0.3
GO01				IAML	18 56 43.2 +0.4
MNMC	Minye Minye	1.71	44	Pn	18 57 06.4 +0.3
MNMC				Sb	18 56 43.2 +0.4
MNMC				IAML	18 57 03.9 +0.8
MNMC	Minye Minye	1.71	44	Pn	18 56 43.2 +0.4
PB12	IPOC Station P	1.83	16	Pn	18 56 43.7 -0.5
PB12				IAML	18 57 12.5
comp=N,6um,0.6s					
PB12	IPOC Station P	1.83	16	Pn	18 56 43.5 -0.7
PB04	IPOC Station P	2.05	162	IAML	18 57 25.7
comp=N,4um,0.5s					
PB04	IPOC Station P	2.05	162	Pn	18 56 46.4 -1.0
PB09	IPOC Station P	2.06	133	Pn	18 56 48.9 -1.5
PB09				IAML	18 57 26.4
comp=N,5um,0.6s					
PB09	IPOC Station P	2.06	133	Pb	18 56 48.9 -1.5
PB16	IPOC Station P	2.40	32	Pn	18 56 54.5 -1.9
PB16				Sb	18 57 26.7 +0.6
PB16				IAML	18 57 37.4
comp=N,5um,0.6s					
PB16	IPOC Station P	2.40	32	Pn	18 56 53.9 +1.4
PB06	IPOC Station P	2.60	153	IAML	18 57 39.9
comp=N,2um,0.7s					
LVC	Limon Verde	2.86	141	Pn	18 57 00.3 +1.6
LVC				Sb	18 57 35.6 +2.6
LVC				IAML	18 57 00.2 +1.6
LVC	Limon Verde	2.86	141	eP	18 57 36.8 -2.4
LVC				Pn	18 57 00.1 +1.4
LVC	Limon Verde	2.86	141	eP	18 57 00.1 +1.4
LVC				Sb	18 57 00.4 +1.6
LVC				Sb	18 57 35.5 +2.5
LVC				Sb	18 57 01.0 -0.7
PB15	IPOC Station P	3.09	156	Pn	18 57 00.1 -1.9
PB10	IPOC Station P	3.13	175	Pn	18 57 15.2 -2.4
PB14	IPOC Station P	4.24	175	Pn	18 57 15.2 -2.4
LPAZ	La Paz	4.82	33	Pn	18 57 32.0 -5.7
comp=N,11nm,0.3s,baz=210,slow=20,SNR=6.6					
LPAZ	La Paz	4.82	33	Pn	18 57 29.9 +4.0
LPAZ				LR	19 02 27.5
NNA	Nana	10.14	325	LR	19 02 27.5
comp=N,130nm,18.7s,baz=172,slow=37					
NNA	Nana	10.14	325	Pn	18 58 37.5 -0.9
SIV	San Ignacio	10.26	66	Pn	18 58 38.8 -1.3
comp=N,3.5nm,0.3s,baz=294,slow=9.1,SNR=52					
SAM	Samuel	13.56	34	Pn	18 59 21.5 -3.8
SAM				Pn	18 59 21.5 -3.8
SAM				Pn	18 59 23.6 -1.7
CPUP	Villa Florida	13.75	118	Pn	18 59 28.6 +1.9
comp=N,11nm,0.3s,baz=294,slow=9.4,SNR=3.5					
CPUP	Villa Florida	13.75	118	Pn	18 59 28.6 +0.9
CPUP				Pn	18 59 28.6 +0.9
AQDB	Aquidauana	14.20	93	eP	18 59 35.6 +1.7
SALV	Santo Antonio	15.07	75	eP	18 59 45.9 0.0
CLDB	Colider	17.29	59	eP	19 00 13.0 -1.3
PTGB	Pitanga	17.87	107	eP	19 00 22.0 +0.6
ARAB	Concordia	18.42	115	eP	19 00 28.0 -0.2
ITAG	Itaguai, MT	18.68	79	eP	19 00 29.9 -1.2
GO06	Caruruehue	19.14	181	Pn	19 00 36.6 -1.5
PLCA	Paso Flores	20.29	179	eP	19 00 49.0 -1.5
PLCA				Pn	19 01 18.9 -1.3
RCLB	Rio Claro- Sao	21.80	100	eP	19 01 04.8 -0.2
BDFB	Brasiliao	22.21	81	P	19 01 08.1 -1.4
comp=N,4.9nm,0.6s,baz=255,slow=15,SNR=5.4					
BDFB	Brasiliao	22.21	81	LR	19 01 09.3
comp=N,276nm,21.8s,baz=287,slow=38					
BDFB	Brasiliao	22.21	81	P	19 01 08.0 -1.5
BDFB				P	19 01 07.9 -1.8
comp=N,2.0nm,1.1s					
BDFB	Brasiliao	22.21	81	P	19 01 08.0 -1.5
PTGA	Pitinga	22.24	30	P	19 01 07.9 -1.8
comp=N,24nm,0.5s,baz=216,slow=16,SNR=20					
PTGA	Pitinga	22.24	30	P	19 01 07.3 -2.3
PTGA				eP	19 01 07.5 -2.2
FLCQ	Florencia	22.33	347	eP	19 01 11.2 +0.5
CRUC	La Cruz	22.29	344	eP	19 01 18.9 +4.7
GARC	Garzon, Huila	22.89	348	eP	19 01 17.6 +0.8
SOTA	Rioblanco	23.08	345	eP	19 01 21.4 +2.3
PCON	Cinco Dias	23.22	346	eP	19 01 23.9 +3.4
POPC	Popayan, Colom	23.49	345	eP	19 01 24.5 +1.6
PRAC	Prado	24.27	356	eP	19 01 31.8 +1.6
BSCC	Bom Sucesso	24.39	96	eP	19 01 31.1 0.0
ORTC	Ortega, Tolima	24.52	349	eP	19 01 33.3 +0.9
CHIC	Chingaza	25.02	353	eP	19 01 36.7 -0.6
ANIL	Santa Ana	25.12	349	eP	19 01 40.2 +2.0
RRFE	El Recreo	25.51	350	eP	19 01 45.5 +3.4
JANB	Januaria	25.81	92	eP	19 01 43.1 -1.1
GUYCZ	Guyana, Caldas	25.83	350	eP	19 01 46.1 +1.4
RUSC	La Rusia	26.20	355	eP	19 01 48.8 +0.7
CB0C	Ciudad Bolivar	26.57	348	eP	19 01 48.7 -2.5
SDV	Santo Domingo	29.09	0	P	19 02 11.6 -2.0
comp=N,4.6nm,0.8s,baz=230,slow=5.7,SNR=5.4					
SDV	Santo Domingo	29.09	0	P	19 02 12.3 -1.3
SMLC	San Martin de	29.17	353	eP	19 02 10.8 -3.4
SJCC	San Jacinto, C	30.39	352	eP	19 02 35.6 -1.4
MDP	Montagnes des	31.00	37	P	19 02 29.5 -1.0
comp=N,4.7nm,0.5s,baz=230,slow=7.4,SNR=9.6					
RCBR	Riachuelo	36.87	72	P	19 03 21.2 -0.3
RCBR	Riachuelo	36.87	72	P	19 03 21.2 -0.3
comp=N,2.7nm,1.3s					
RCBR	Riachuelo	36.87	72	IAMB	19 03 29.4
comp=N,2.7nm,1.2s					
PDRP	Patillas Dam,	38.45	7	P	19 03 32.7 -2.0
PDRP				IAMB	19 03 34.5
comp=N,3.6nm,0.9s					
SJG	San Juan	38.53	7	P	19 03 32.6 -2.7
comp=N,4.3nm,0.9s,baz=30,slow=2.0,SNR=9.7					
APG	El Apazote	40.10	330	P	19 03 49.3 +0.5
comp=N,6.2nm,0.8s,baz=163,slow=7.3,SNR=4.7					
TEIG	Tepeich	43.82	336	P	19 04 19.5 +0.7
comp=N,13nm,0.6s,baz=177,slow=0.0,SNR=6.3					
TEIG				LR	19 04 24.7
comp=N,64nm,18.3s,baz=250,slow=38					
TEIG				IAMB	19 04 26.9
comp=N,2.26nm,1.0s					
CMIG	Matias Romero	44.09	326	P	19 04 21.8 +0.7
comp=N,1.3nm,0.6s,baz=145,slow=9.3,SNR=4.7					
Z57A	Bowman	54.20	350	P	19 05 28.4 +0.1
comp=N,1.3nm,0.6s,baz=145,slow=9.3,SNR=4.7					
Y60A	Bolivia	54.54	352	P	19 05 41.1 +0.4
Y55A	Saluda	55.03	349	P	19 05 44.3 0.0
Z50A	Ashland	55.24	345	P	19 05 45.0 -0.9
Z50A				IAMB	19 05 45.0 -0.9
Z50A	Ashland	55.24	345	P	19 05 45.5 -0.3
Z50A				IAMB	19 05 46.3
comp=N,1.4nm,0.8s					
LRLAL	Lakeview Retre	55.31	343	P	19 05 45.5 -0.8
comp=N,1.4nm,0.8s					
Y52A	Liburn	55.40	347	P	19 05 46.2 -0.7
X56A	White Oak	55.42	350	P	19 05 47.2 0.0
BIRD	Birdtown, Kers	55.48	350	P	19 05 46.2 -1.4

BIRD				IAMB	19 05 48.8
X55A	comp=N,2.2nm,1.0s	55.51	349	P	19 05 47.9 +0.1
X55A	Graceyn & Ava	55.51	349	P	19 05 47.9 +0.1
W58A	Raeford	55.67	352	P	19 05 49.1 +0.2
W57A	Gilead	55.91	351	P	19 05 50.5 0.0
W56A	Indian Trail	55.98	350	P	19 05 51.0 -0.1
W59A	Middlesex	56.28	353	P	19 05 53.7 +0.5
W58A	Windy Hill, Pi	56.42	352	P	19 05 54.6 +0.4
W57A	Coitrane Farms	56.60	351	P	19 05 55.9 +0.4
W56A	Mocksville	56.63	351	P	19 05 56.0 +0.3
W51A	Possum Corner	56.65	355	P	19 05 56.3 +0.5
W56A	Taylorsville	56.78	350	P	19 05 57.2 +0.4
U59A	Littleton	56.81	353	P	19 05 57.3 +0.3
V54A	Nebo	56.84	349	P	19 05 57.4 +0.1
U57A	Blanch	57.07	352	P	19 05 58.8 0.0
SWET	Sewanee	57.12	345	P	19 05 58.6 -0.6
Z41A	Richard Creek	57.31	338	P	19 06 01.4 +0.8
T59A	Double "B" Far	57.40	354	P	19 06 01.4 +0.3
T59A	Double "B" Far	57.40	354	P	19 06 00.1 -1.0
T58A	Grand View Acr	57.48	353	P	19 06 02.0 +0.2
T57A	Hur	57.62	352	P	19 06 03.0 +0.3
S58A	Poland Farm, P	58.08	353	P	19 06 06.2 +0.2
T53A	Wise	58.11	349	P	19 06 06.2 0.0
S57A	Dark Hollow, R	58.33	352	P	19 06 07.7 0.0
T51A	Gray	58.36	348	P	19 06 08.1 +0.2
R58B	Mineral	58.41	353	P	19 06 08.7 +0.5
X40A	Basin Creek Fa	58.44	339	P	19 06 08.6 +0.1
WVT	Waverly	58.46	344	P	19 06 07.6 -1.0
WVT				Pmax	
WVT	Waverly	58.46	344	P	19 06 07.9 -0.7
WVT				Pmax	
WVT	Waverly	58.46	344	P	19 06 07.6 -1.0
WVT				IAMB	19 06 08.4
S55A	Levisburg	58.55	351	P	19 06 09.3 0.0
S50A	Nancy	58.60	347	P	19 06 09.1 -0.5
TX32	Lajitas Array	58.69	326	P	19 06 10.2 -0.3
TXAR	Lajitas Array	58.69	326	P	19 06 10.9 +0.4
TXAR	Lajitas Array	58.69	326	P	19 06 09.4 -1.1
TXAR	Lajitas Array	58.69	326	P	19 06 09.4 -1.1
S54A	Dingess, Beckl	58.70	350	P	19 06 10.6 +0.3
MIAR	Mount Ida	58.75	338	P	19 06 10.1 -0.6
MIAR	Mount Ida	58.75	338	P	19 06 10.8 +0.1
MIAR	Mount Ida	58.75	338	P	19 06 10.1 -0.6
MIAR	Mount Ida	58.75	338	P	19 06 11.8
R58A	Rapidan	58.76	353	P	19 06 10.9 +0.2
R57A	Stanardsville	58.81	353	P	19 06 11.9 +0.8
T49A	Edmonton	58.83	346	P	19 06 11.2 0.0
W51B	Gary Mavity, V	58.87	340	P	19 06 11.1 -0.4
W51A	Beattyville	58.95	348	P	19 06 11.7 -0.3
WHAR	Woolly Hollow	58.99	340	P	19 06 11.3 -1.0
WHAR				IAMB	19 06 13.1
S50A	Richmond	59.14	347	P	19 06 12.6 -0.7
LCAR	Lake Charles	59.34	341	P	19 06 13.3 -1.5
LCAR				IAMB	19 06 15.1
Q58A	Fox Den Farm,	59.36	354	P	19 06 15.0 +0.3
W39A	Magazine	59.41	338	P	19 06 15.9 +0.6
W39A	Magazine	59.41	338	P	19 06 14.7 -0.6
W39A				IAMB	19 06 16.9
X37A	Clayton	59.44	337	P	19 06 15.8 +0.4
ABTX	Abilene, Hawle	59.47	332	P	19 06 16.1 +0.4
ABTX	Abilene, Hawle	59.47	332	P	19 06 14.8 -0.9
ABTX				IAMB	19 06 17.1
Q57A	Paducah	59.51	344	P	19 06 15.1 -0.8
Q56A	Strasburg	59.53	353	P	19 06 17.0 +1.0

3d 18h

L59A	Walton	62.38 356	P	P	19 06 36.0 +0.7
L59A	Walton	62.38 356	P	P	19 06 36.3 +0.9
U32A	Winter Ranch,	62.42 335	P	P	19 06 35.7 -0.1
O44A	Mansfield	62.42 345	I	I	19 06 34.1 -1.6
O44A	comp=Z,15nm,1.1s				
BINY	Binghamton	62.45 356	P	P	19 06 36.4 +0.7
BINY	Binghamton	62.45 356	P	P	19 06 36.5 +0.7
L56A	Greenwood	62.51 354	P	P	19 06 36.7 +0.4
L56A	Greenwood	62.51 354	P	I	19 06 36.8 +0.5
L56A	Greenwood	62.51 354	P	I	19 06 37.7
L61B	Northampton	62.54 358	P	P	19 06 36.4 +0.1
HRV	Adam Dzewiowski	62.58 359	P	P	19 06 36.8 +0.2
L53A	Girard	62.63 352	P	P	19 06 36.9 -0.1
L55A	Hinsdale	62.64 354	P	P	19 06 37.6 +0.5
M49A	Liberty Center	62.73 349	P	P	19 06 37.8 +0.1
K62A	Royalston	62.74 359	P	P	19 06 38.1 +0.4
ERPA	Erie	62.76 352	P	P	19 06 38.0 +0.2
ERPA	Erie	62.76 352	P	P	19 06 37.6 -0.2
K63A	Dunstable	62.76 359	P	P	19 06 38.5 +0.7
K61A	Williamstown	62.77 358	P	P	19 06 38.1 +0.2
L54A	Sinclairville	62.79 353	P	P	19 06 38.4 +0.3
P40A	Paris	62.81 342	P	I	19 06 37.6 -0.6
P40A	Paris	62.81 342	P	I	19 06 38.7
TRY	Troy	62.85 358	P	P	19 06 39.0 +0.6
TRY	Troy	62.85 358	P	I	19 06 40.4
M48A	Edgerton	62.88 348	P	P	19 06 37.5 -1.2
WVNY	West Valley, N	62.88 354	P	P	19 06 38.9 +0.2
K59A	Cooperstown	62.95 357	P	P	19 06 39.7 +0.5
K58A	Earlville	62.98 356	P	P	19 06 39.8 +0.4
K58A	Earlville	62.98 356	P	P	19 06 40.1 +0.7
HDIL	Hopedale	63.01 344	P	P	19 06 38.7 -0.8
HDIL	Hopedale	63.01 344	P	P	19 06 38.0 -1.6
K57A	SciPIO Center	63.01 355	P	P	19 06 40.1 +0.5
K56A	Middlesex	63.05 355	P	P	19 06 40.0 +0.2
K54A	Basiliiko Farm,	63.09 354	P	P	19 06 40.4 +0.3
K55A	Mt. Morris Dam	63.15 354	P	P	19 06 40.5 +0.1
L48A	N Adams	63.27 349	P	P	19 06 40.5 -0.8
J62A	Henniker	63.30 359	P	P	19 06 42.0 +0.6
319A	Douglas	63.31 323	P	I	19 06 42.8 +0.8
319A	Douglas	63.31 323	P	I	19 06 44.3
L49A	Milan	63.31 349	P	P	19 06 41.9 +0.4
J63A	Stratford	63.34 360	P	P	19 06 42.5 +0.8
P38A	Dawn	63.35 341	P	I	19 06 40.6 -1.2
P38A	Dawn	63.35 341	P	I	19 06 42.4
J60A	Lant Hill Farm	63.35 358	P	P	19 06 42.6 +0.9
121A	Cookes Peak, D	63.38 325	P	P	19 06 43.4 +1.0
121A	Cookes Peak, D	63.38 325	P	I	19 06 43.2 +0.8
121A	Cookes Peak, D	63.38 325	P	I	19 06 45.0
J61A	Chester	63.43 359	P	P	19 06 43.5 +1.2
K52A	Tilsonburg	63.50 352	P	P	19 06 43.2 +0.4
ACCN	Adirondack Com	63.50 358	P	I	19 06 42.5 -0.2
ACCN	Adirondack Com	63.50 358	P	I	19 06 44.7
J58A	Remsen	63.56 356	P	P	19 06 43.2 +0.1
N41A	Harden Midland	63.56 343	P	P	19 06 42.3 -0.9
J56A	Wolcott	63.58 355	P	P	19 06 43.6 +0.3
J56A	Wolcott	63.58 355	P	P	19 06 43.0 -0.3
J59A	Piesco	63.62 357	P	P	19 06 44.0 +0.4
J59A	Piesco	63.62 357	P	I	19 06 43.9 +0.3
J57A	Williamstown	63.65 356	P	P	19 06 43.7 0.0
J57A	Williamstown	63.65 356	P	I	19 06 44.3 -0.3
J57A	Williamstown	63.65 356	P	I	19 06 44.9
J55A	Hilton	63.66 354	P	P	19 06 44.2 +0.4
J55A	Hilton	63.66 354	P	P	19 06 43.2 -0.6
K50A	Casco	63.77 350	P	P	19 06 43.1 -1.4
I58A	Old Forge	63.87 357	P	P	19 06 45.4 +0.2
KSU1	Kansas State U	63.90 338	P	P	19 06 45.3 -0.2
I59A	Olmsteadville	63.92 358	P	P	19 06 46.0 +0.5
SNA4	Sanae	63.92 161	P	P	19 06 46.5 +1.1
SNA4	Sanae	63.92 161	P	P	19 06 46.6 +1.3
SNA4	Sanae	63.92 161	P	P	19 06 46.6 +1.3
SNA4	Sanae	63.92 161	P	I	19 06 46.6 +1.3
SNA4	Sanae	63.92 161	P	I	19 06 54.1
J52A	Paris	63.92 352	P	P	19 06 45.2 -0.4
I60A	Shoreham	63.95 358	P	P	19 06 46.1 +0.5
I61A	Oroboro, Fairl	64.01 359	P	P	19 06 47.0 +0.9
K48A	Perry	64.05 349	P	P	19 06 45.4 -1.0
R32A	Long Quarter,	64.08 336	P	I	19 06 46.4 -0.3
R32A	Long Quarter,	64.08 336	P	I	19 06 47.9
K47A	Vermontville	64.08 348	P	P	19 06 46.0 -0.5
NCB	Newcomb	64.11 357	P	I	19 06 47.2 +0.5
NCB	Newcomb	64.11 357	P	I	19 06 48.3
I57A	Carthage	64.16 356	P	P	19 06 47.8 +0.8
PECO	Prince Edward	64.25 355	P	I	19 06 47.5 -0.2
PECO	Prince Edward	64.25 355	P	I	19 06 48.7
LBNH	Lisbon	64.31 359	P	P	19 06 48.6 +0.5
LBNH	Lisbon	64.31 359	P	P	19 06 48.9 +0.9
LBNH	Lisbon	64.31 359	P	P	19 06 48.5 +0.5
LBNH	Lisbon	64.31 359	P	I	19 06 50.2
N38A	Joos South For	64.33 341	P	I	19 06 47.5 -0.8
N38A	Joos South For	64.33 341	P	I	19 06 48.7
J48A	Bridge Port	64.47 350	P	P	19 06 48.7 -0.4
J48A	Bridge Port	64.47 350	P	P	19 06 48.3 -0.8
I51A	Listowel	64.55 352	P	P	19 06 49.1 -0.5
H58A	Gabriels	64.56 357	P	P	19 06 50.0 +0.3
I55A	Frankford	64.58 355	P	P	19 06 49.9 0.0
ANMO	Albuquerque	64.59 328	P	P	19 06 51.3 +1.0
ANMO	Albuquerque	64.59 328	P	P	19 06 51.3 +1.0

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ANMO	Albuquerque	64.59 328	P	P	19 06 50.8 +0.4
ANMO	Albuquerque	64.59 328	P	P	19 06 51.1 +0.8
J47A	Summer	64.60 349	P	P	19 06 49.2 -0.8
H61A	Lyndonville	64.61 359	P	P	19 06 51.1 +1.1
H60A	Morristown	64.65 359	P	P	19 06 51.4 +1.1
H57A	Riceville	64.66 356	P	P	19 06 50.5 +0.2
H64A	Troy	64.72 1	P	P	19 06 51.2 +0.4
H63A	New Sharon	64.73 1	P	P	19 06 52.2 +1.5
H59A	Cadyville	64.76 358	P	P	19 06 51.5 +0.5
LONV	Lake Ozonia	64.78 357	P	P	19 06 51.4 +0.2
LONV	Lake Ozonia	64.78 357	P	I	19 06 51.3 +0.2
LONV	Lake Ozonia	64.78 357	P	I	19 06 52.6
H65A	Eastbrook	64.80 2	P	P	19 06 51.8 +0.6
CBKS	Cedar Bluff	64.81 335	P	P	19 06 52.3 +0.8
CBKS	Cedar Bluff	64.81 335	P	P	19 06 52.3 +0.8
CBKS	Cedar Bluff	64.81 335	P	I	19 06 52.3 +0.8
CBKS	Cedar Bluff	64.81 335	P	I	19 06 53.6
H56A	Elgin	64.85 356	P	P	19 06 52.1 +0.6
EMMW	East Machias	64.85 3	P	I	19 06 51.0 -0.6
EMMW	East Machias	64.85 3	P	I	19 06 58.4
TUC	Tucson	64.85 323	P	P	19 06 52.5 +0.5
TUC	Tucson	64.85 323	P	P	19 06 53.1 +1.1
TUC	Tucson	64.85 323	P	P	19 06 52.5 +0.5
H55A	Deerfield	64.88 355	P	P	19 06 52.3 +0.6
DELO	Towel Mine	64.88 355	P	I	19 06 50.9 -0.8
DELO	Towel Mine	64.88 355	P	I	19 06 52.9
L40A	Anamosa	64.93 343	P	I	19 06 51.7 -0.5
L40A	Anamosa	64.93 343	P	I	19 06 52.5
I49A	Point Hope	64.94 350	P	P	19 06 51.2 -1.0
FRNY	Flat Rock	64.95 358	P	I	19 06 52.0 -0.2
FRNY	Flat Rock	64.95 358	P	I	19 06 53.9
H53A	Bobcaygeon	65.03 354	P	P	19 06 52.6 -0.1
N35A	Tabor	65.15 339	P	P	19 06 52.2 -1.4
G60A	Masonville	65.18 359	P	P	19 06 55.0 +1.3
G63A	Kingsbury	65.19 1	P	P	19 06 54.4 +0.6
H52A	Wyeale	65.23 353	P	P	19 06 54.3 +0.2
SADO	Sadown	65.28 354	P	P	19 06 53.8 -0.5
G57A	Newington	65.28 357	P	P	19 06 54.7 +0.4
G58A	Ormsvold	65.28 358	P	P	19 06 54.8 +0.5
G62A	West of Eustis	65.28 0	P	P	19 06 55.6 +1.2
G62A	West of Eustis	65.28 0	P	P	19 06 54.8 +0.4
I48A	Sheran Twp	65.32 350	P	P	19 06 54.5 -0.2
G65A	Princeton	65.33 3	P	P	19 06 55.8 +1.1
SCIA	State Center	65.34 342	P	P	19 06 54.6 -0.2
SCIA	State Center	65.34 342	P	P	19 06 54.4 -0.4
G64A	Maxfield	65.34 2	P	P	19 06 55.7 +0.9
G61A	St-Amande-de-	65.35 359	P	P	19 06 56.0 +1.2
T25A	Trinidad	65.38 331	P	P	19 06 56.2 +0.7
JFWS	Jewell Farm	65.47 344	P	P	19 06 55.0 -0.7
JFWS	Jewell Farm	65.47 344	P	P	19 06 55.7 +0.1
JFWS	Jewell Farm	65.47 344	P	P	19 06 55.0 -0.7
JFWS	Jewell Farm	65.47 344	P	I	19 06 55.7
G55A	Calabogie	65.54 355	P	P	19 06 56.2 +0.2
G53A	Halarton	65.57 354	P	P	19 06 56.2 -0.1
N33A	J Bar K, Exete	65.65 338	P	P	19 06 56.0 -0.9
214A	Organ Pipe Nat	65.76 321	P	I	19 06 58.8 +1.0
214A	Organ Pipe Nat	65.76 321	P	I	19 06 57.4 -0.4
214A	Organ Pipe Nat	65.76 321	P	I	19 07 00.8
H48A	Harrisville	65.76 350	P	P	19 06 57.0 -0.5
F63A	Nahmakanta, Br	65.79 1	P	P	19 06 57.7 +0.1
G54A	Lake Saint Pet	65.79 354	P	P	19 06 57.5 -0.2
F64A	Sherman	65.97 2	P	P	19 06 59.4 +0.7
F61A	St Evariste	66.04 360	P	P	19 06 59.9 +0.7
F60A	Warwick	66.04 359	P	P	19 07 00.1 +0.9
X18A	Snowflake	66.07 325	P	P	19 07 00.8 -1.0
K50A	Kaye Shedlock	66.16 333	P	P	19 07 01.2 +0.9
ALGO	Sundridge	66.31 354	P	P	19 07 00.7 -0.3
ALGO	Algonquin Park	66.34 355	P	P	19 07 00.9 -0.3
TRQ	Mont Tremblant	66.37 357	P	P	19 07 01.2 -0.3
SDCO	Great Sand Dun	66.38 331	P	P	19 07 02.9 +0.9
SDCO	Great Sand Dun	66.38 331	P	P	19 07 02.4 +0.5
SDCO	Great Sand Dun	66.38 331	P	I	19 07 04.2
L34A	Svensden Farm,	66.38 339	P	P	19 07 01.2 -0.3
W18A	Petrified Fore	66.40 326	P	P	19 07 03.3 +1.3
W18A	Petrified Fore	66.40 326	P	P	19 07 01.9 -0.2
W18A	Petrified Fore	66.40 326	P	I	19 07 04.7
E58A	La Victoria	66.47 358	P	P	19

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Diego Aracena, IPOC Station P, Pisagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like La Paz, Limon Verde, San Ignacio, etc.

MOS 03 20:23:57.8, 0.0, 42.40N-45.28E, h7km, MPVA3.6
NORS 03 20:23:58.4, 0.0, 42.39N-45.28E, h10km, MPVA3.7
DRS 03 20:23:58.0, 0.0, 42.36N-45.28E, h12km
TIF 03 20:23:59.8, 42.46N-45.25E, h11km, 1km
DDA 03 20:23:59.8, 42.46N-45.25E, h4km, 1km, ML2.9
ISC 03 20:24:00.9, 1.0, 42.44N-02.45E, h13km, 9km, n43, r149/84, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Gudauri, Komgaron, Botlikh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Dedoflistskaro, Kazreti, Karanay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like IPOC Station P, Chusmiza, Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Diego Aracena, IPOC Station P, Pisagua, etc.

IDC 03 19:42:35.4-50.0, 16.80S-176.56W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/30, mbtmp3.8/3, MS3.3/1, Ms1 3.3/1, ms1mx2.5/51, Error ellipse: s-maj=924.3km s-min=175.6km az=78.0, Fiji Islands region

IDC 03 20:24:41.1-1.5, 19.27S-0.07E, h11km, 7km, mb4.3/1, Error ellipse: s-maj=11.3km s-min=7.3km az=138.0

IDC 03 20:24:41.2-1.6, 19.14S-0.73W, h0km, mb4.2/2, mb1 4.3/4, mb1mx3.7/44, mbtmp4.2/4, ML4.1/2, Error ellipse: s-maj=44.1km s-min=27.9km az=75.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like IPOC Station P, Pisagua, Chacalluta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like IPOC Station P, Chusmiza, Limon Verde, etc.

ATH 03 20:09:20.1, 37.32N-23.39E, h11km, 4km, ML0.71, Error ellipse: s-maj=4.6km s-min=1.6km az=337.0, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Hydra, KRANIDI, Didima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like IPOC Station P, Pisagua, Chacalluta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like IPOC Station P, Chusmiza, Limon Verde, etc.

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

IDC 03 20:28:36.0 1.6, 19.995:70:1W, h0km, mb4.2/2, mb1 4.5/4, mb1mx3.9/45, mbtmp4.4/4, ML4.2/1, Error ellipse: s-maj=48.1km s-min=28.5km az=68.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, and other technical details for stations in the northern Chile region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, and other technical details for stations in the southern Chile region.

IDC 03 20:28:36.0 1.6, 19.995:70:1W, h0km, mb4.2/2, mb1 4.5/4, mb1mx3.9/45, mbtmp4.4/4, ML4.2/1, Error ellipse: s-maj=48.1km s-min=28.5km az=68.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, and other technical details for stations in the northern Chile region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, and other technical details for stations in the southern Chile region.

IDC 03 20:28:36.0 1.6, 19.995:70:1W, h0km, mb4.2/2, mb1 4.5/4, mb1mx3.9/45, mbtmp4.4/4, ML4.2/1, Error ellipse: s-maj=48.1km s-min=28.5km az=68.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, and other technical details for stations in the northern Chile region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Mode, and other technical details for stations in the southern Chile region.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H1S2 WAKE ISLAND, H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, H1N3 WAKE ISLAND, H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, ASAR Alice Springs, WRA Warramunga Arr, MKAR Makanchi Array, SONM Songo Array.

SJA 03 21:14:26.0.7, 191.52S, 71.38W, h12km, ML4.5, MW4.4
NEIC 03 21:14:43.2.2, 20.58S, 0.05E, 71.18W, 0.09, h12km, 5km,
mb4.4/2, Mw4.3/41, ML4.0(GUC), Error ellipse:
s-maj=11.7km s-min=6.8km az=80.0

NEIC 03 21:14:43.20.57S, 71.19W, h16km, Moment Tensor
Solution. Moment tensor: Scale 10^19Nm, Mrr-2.80;
Mss-0.08; Mss-2.73; Mss-0.60; Mss-0.22; Mrr-1.77; Fault
plane solution: M3.34000/1015 NP2.0s/347.71000,
delta1.99000, lambda-97.02000. NP2.0s/347.71000,
delta2.81000, lambda-77.06000. Principal axes: T 3.2870, P1g17.0000,
AzM383.0000; N 0.1067, P1g6.0000; AzM351.0000; P
-3.3937, P1g2.0000; AzM241.0000

ICD 03 21:14:43.4e-1.1, 20.46S, 71.04W, h0km, mb4.0/5,
mb1.4/2.8, mb1mx3.9/36, mbtmp4.0/8, ML3.8/3, MS3.9/1,
Ms1.3/8.1, ms1mx2.9/23 Error ellipse: s-maj=31.8km
s-min=20.7km az=43.0

GUC 03 21:14:46.0.7, 20.53S, 70.87W, h27km, 4km, ML4.1
ISC 03 21:14:46.2.1.5, 20.50S, 0.03E, 70.96W, 0.06, h25km, 12km,
n61, az26/70, mb4.1/6, 5C-6D, Near coast of northern
Chile

Main table for station 315, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like Diego Arrascaeta, Pisagua, IPOC Station P, Chusmiza, Mina Guanaco, La Paz, Curarrehue, Copiapu, Tololo Observa, Nana, SIV, SANC, El Roble, Samuel, CPUP, Curarrehue, BDFB, PTGA, BANI, 250A, TXAR, SADO.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YKA Yellowknife Arr, H1S2 WAKE ISLAND, H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, H1N3 WAKE ISLAND, H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, ASAR Alice Springs, WRA Warramunga Arr, MKAR Makanchi Array.

JMA 03 21:20:29.1, 35.24N, 135.34E, h11km, 1km, M3.3, 1C-6D
Broadband fault plane solution: P waves. NP1:
e161.00000, a38.00000, l70.00000. NP2: e165.00000,
a55.00000, l105.00000. Principal axes: T
P1g75.0000, Azm319.0000; N P1g12.0000,
Azm177.0000; P P1g9.0000, Azm85.0000; Western

Honshu
Code Station Name Azimuth Phase ID Time Res
JWA Wachi 0.07 50 Op ISC h m s ISC
JWJ Wachi 0.07 50 P Pg Sg 21 20 32.9 -0.2
JKY Yasaka 0.43 334 U P Pg 21 20 37.7 +4.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kasai, Heguri, Kasumi, Awajishima-nag, Aida, Tsuru, Matushiro.

JMA 03 21:21:27.1, 0.2, 35.62N, 140.12E, h70km, 2km, M2.9
ICD 03 21:21:31.1, 3.9, 35.29N, 139.64E, h77km, 37km, mb3.3/3,
mb1.3/3.1, mb1mx3.0/42, mbtmp3.6/3, MS3.3/2,
ms1mx2.7/22, Error ellipse: s-maj=68.6km s-min=31.3km
az=61.0

ISC 03 21:21:28.1, 1.0, 35.57N, 140.10E, 0.05, h69km, 7km,
n18, az67/24, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nagara, Sannumatsuo, Tokyu, Odawara 2, Ashikaga, Oshima 3, Ryogami san, Boso 1, Fujinomiya, Shimizu, Jizus, Katsushina, Matsushiro Arr, MJAR, ZALV, MKAR, WRA, ASAR.

ICD 03 21:21:51.0, 2.7, 41.26N, 116.66W, h0km, mb1.2/8.2,
mb1mx2.8/39, mbtmp2.4/2, ML2.9/2, Error ellipse:
s-maj=58.1km s-min=11.0km az=131.0

NEIC 03 21:56.8-4.1, 40.79N, 0.05E, 116.72W, 0.07, h0km, 2km,
Md2.6/1, ML2.3/40, Error ellipse: s-maj=8.5km
s-min=7.8km az=82.0

ISC 03 21:21:51.8, 1.0, 41.01N, 116.40W, 0.03, h0km, n24,
az183/24, Nevada

Main table for station 2014 APR, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like Elko, Wild Horse Val, KVN, PAHR, R11A, JOBA, Ryan, RYN, NV11, NV11, NVAR, NVAR, NVAR, SPUD, MOD, MOD, MOD, PNTR, PNTR, PNTR, BMO, BMO, OMMB, OMMB, OMMB, TPNV, TPNV, CCUT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MTPU, MCMT, TPWA, FXWY, FXWY, DLMT, PDAR, PDAR, U15A, I56US.

KEA 03 21:30:02.4, 0.4, 42.82N, 121.82E, h0km, ML3.6/7,
Northeastern China

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sinuiju, Kangyong, Pyongsong, Pyongsong, Hamhung.

LDG 03 21:30:06.0, 0.2, 48.65N, 6.46E, h2km, Md2.6/1, M12.4/10,
Error ellipse: s-maj=3.3km s-min=2.1km az=15.0

BGR 03 21:30:10.9, 49.48, 72N, 6.49E, h1km, ML1.5/5, Error
ellipse: s-maj=15.6km s-min=4.4km az=63.0

ISC 03 21:30:07.2, 0.9, 48.61N, 0.03E, 6.38E, 0.02, h0km, n20,
az125/29, France

Main table for station 3d 22h, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like Fort de Pagny, Haudompre, Champ du Feu, Echery, Hinterfeld, Maizieres J'vi, Sextfontaines, WLF, BFO, BERGE, METMA, GIVET, CABF, BAIF, LOR, SSF, SMF, HYF, BGF.

ICD 03 21:33:32.8, 2.6, 8.44S, 146.99E, h0km, mb3.3/1,
mb1.3/3.1, mb1mx3.2/33, mbtmp3.1/3, ML3.1/5, MS3.3/1,
Ms1.3/3.1, ms1mx2.6/21, Error ellipse: s-maj=66.3km
s-min=13.8km az=73.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, WARR, ASAR, KAPI, MKAR.

ICD 03 21:38:20.6, 3.1, 6.31S, 147.66E, h0km, mb3.2/2,
mb1.3/4.4, mb1mx3.2/36, mbtmp3.3/4, ML3.2/1, Error
ellipse: s-maj=81.7km s-min=24.6km az=91.0, Eastern
New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, WARR, ASAR, KAPI, MKAR.

VAO 03 22:00:44.5, 5.6, 25.36S, 69.70W, h54km, 27km, mb4.3
ICD 03 22:01:20.4, 1.3, 24.22S, 67.02W, h173km, 12km, mb3.7/3,
mb1.3/7.8, mb1mx3.5/27, mbtmp4.0/8, Error ellipse:
s-maj=20.3km s-min=16.3km az=29.0

NEIC 03 22:01:20.2, 1.1, 24.31S, 0.06E, 67.13W, 0.10, h184km, 2km,
mb4.0/7, Error ellipse: s-maj=12.7km s-min=9.2km
az=95.0

ISC 03 22:01:19.0, 0.5, 24.32S, 0.05E, 67.04W, 0.06, h169km, n47,
az152/54, mb3.9/3, Chile-Argentina border region

Main table for station 3d 22h, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like Limon Verde, Copiapu, Tololo Observa, Nana, SIV, SANC, El Roble, Samuel, CPUP, Curarrehue, BDFB, PTGA, BANI, 250A, TXAR, SADO.

OHAK	Old Harbor	79.34	13	P	Iamb	P	23 05 28.2 +0.2
OHAK							23 05 30.1
M02C	Callahan	79.36	39	P	P	P	23 05 31.2 +2.6
L20E	Cave Junction	79.40	38	P	P	P	23 05 31.2 +2.5
MYKOM	Kota Tinggi	79.43	276	P	Iamb	P	23 05 29.0 -0.5
MYKOM							23 05 31.4
MYKOM	Kota Tinggi	79.43	276	P	P	P	23 05 31.0 +1.5
CWC	Cottonwood Cre	79.47	45	P	P	P	23 05 31.5 +2.1
OMMB	Old Mammoth Mi	79.52	44	P	P	P	23 05 29.6 -0.2
BELO	Belle Mt	79.57	48	P	P	P	23 05 29.3 +2.4
RUBR	Rubicon Trail	79.61	42	P	P	P	23 05 29.2 -0.9
MLAC	Mammoth, Mammo	79.64	44	P	P	P	23 05 32.7 +2.3
MPMC	Manual Prospec	79.65	46	P	P	P	23 05 32.6 +2.2
YBH	Yreka Blue Hor	79.65	39	P	P	P	23 05 32.6 +2.5
YBH	Yreka Blue Hor	79.65	39	P	Iamb	P	23 05 29.9 -0.2
YBH							23 05 33.6
K02D	Williamette Mer	79.70	38	P	P	P	23 05 32.6 +2.3
GSC	Goldene Bar	79.70	47	P	P	P	23 05 32.7 +2.2
GSC	Goldstone Bar	79.70	47	P	P	P	23 05 30.4 -0.2
TIN	Tinemaha, Big	79.71	45	P	P	P	23 05 33.1 +2.5
WAKR	Walker	79.75	43	P	Iamb	P	23 05 31.0 +0.1
WAKR							23 05 34.3
BC3	Big Chuckawall	79.77	49	P	P	P	23 05 33.4 +2.4
HCC	Hector, Ludlow	79.78	47	P	P	P	23 05 32.9 +1.9
MDJ	Mudanjiang	79.82	325	Iamb	Iamb	P	23 05 33.5
J01E	Myrtle Point	79.84	37	P	P	P	23 05 33.3 +2.4
GLA	Glamis	79.90	50	P	P	P	23 05 33.9 +2.3
GLA	Glamis	79.90	50	P	Iamb	P	23 05 33.1 +1.6
GLA							23 05 35.5
BEKR	Beckworth	79.96	41	P	P	P	23 05 33.1 +1.2
PNTR	Pine Nut	79.98	42	Iamb	Iamb	P	23 05 33.4 +1.3
PNTR							23 05 35.4
KDAK	Kodiak Island	80.01	14	P	P	P	23 05 32.9 +1.4
KDAK	Kodiak Island	80.01	14	P	Iamb	P	23 05 31.4 -0.1
KDAK							23 05 34.4
HUMO	Hull Mountain	80.05	38	P	P	P	23 05 32.6 +0.5
VCNR	Virginia City	80.07	42	P	P	P	23 05 32.8 +0.3
YERR	Yerlington	80.17	43	Iamb	Iamb	P	23 05 33.1 +0.1
YERR							23 05 36.0
L04D	Klamath Falls	80.19	39	P	P	P	23 05 34.9 +2.0
M04C	Macdoel	80.20	39	P	P	P	23 05 35.3 +2.3
GMRC	Granite Mounta	80.22	48	P	P	P	23 05 34.9 +1.6
IRM	Iron Mountain	80.25	48	P	P	P	23 05 35.6 +2.2
FURC	Furnace Creek	80.30	46	P	P	P	23 05 35.8 +2.3
TUQ	Turquoise Moun	80.38	47	P	P	P	23 05 36.1 +2.0
SHOC	Shoshone, Teco	80.39	46	P	P	P	23 05 35.8 +1.8
RYN	Ryan	80.41	43	P	P	P	23 05 34.5 +0.3
NVAR	Mina Array Bea	80.44	43	P	P	P	23 05 36.5 +2.0
NVAR	Mina Array Bea	80.44	43	P	P	P	23 05 35.2 +0.7
PAHR	Pah Rah Range	80.47	42	P	Iamb	Iamb	23 05 35.4 +0.9
PAHR							23 05 37.7
Y12C	Blythe	80.48	49	P	P	P	23 05 37.1 +2.6
Y12C	Blythe	80.48	49	P	P	P	23 05 35.6 +1.1
I02D	Swisshome	80.48	36	P	P	P	23 05 36.4 +2.2
I03D	Drain, OR	80.50	37	P	P	P	23 05 36.3 +2.0
113A	Mohawk Valley,	80.52	50	P	Iamb	Iamb	23 05 36.2 +1.5
113A							23 05 38.4
NV11	Mina Array Sit	80.53	44	P	Iamb	Iamb	23 05 35.6 +0.7
NV11							23 05 38.1
K04D	Chiloquin, OR	80.76	38	P	P	P	23 05 37.8 +1.8
HSIG	Organ Pipe Nat	80.79	55	P	P	P	23 05 37.5 +1.3
214A	Organ Pipe Nat	80.81	51	P	P	P	23 05 38.9 +2.6
214A	Organ Pipe Nat	80.81	51	P	P	P	23 05 37.6 +1.3
KVN	Kaiserville	80.92	43	Iamb	Iamb	P	23 05 37.7 +0.8
KVN							23 05 39.9
J04D	Umpqua Nationa	80.93	38	P	P	P	23 05 39.2 +2.4
TPNV	Topopah Spring	80.97	46	P	P	P	23 05 39.3 +2.0
TPNV	Topopah Spring	80.97	46	P	Iamb	Iamb	23 05 38.5 +1.3
TPNV							23 05 40.4
PDMCI	Parker Dam, Lak	81.04	49	P	P	P	23 05 39.9 +2.5
I04A	Tendick Farm,	81.10	37	P	P	P	23 05 39.3 +1.7
MOD	Modoc Plateau	81.19	40	P	Iamb	Iamb	23 05 39.8 +1.6
MOD							23 05 41.3
H04D	Lebanon	81.36	36	P	P	P	23 05 41.1 +2.3
J05D	Fort Rock, OR	81.46	38	P	P	P	23 05 41.8 +2.3
SHPR	Sheep Range	81.48	46	P	P	P	23 05 41.3 +1.5
G03D	McMinnville, O	81.50	36	P	P	P	23 05 41.8 +2.3
BKNI	Bangkinang	81.57	273	P	Iamb	Iamb	23 05 40.5 -0.1
BKNI							23 05 42.7
CN2	Changchun	81.62	322	eP	P	P	23 05 41.4 +1.3
W13A	Hualapai Mount	81.63	48	P	P	P	23 05 42.2 +1.5
Y14A	Wickenburg	81.66	50	P	P	P	23 05 40.9 +0.2
H04A	Detroit Lake	81.77	37	P	Iamb	Iamb	23 05 41.0 +0.1
H04A							23 05 43.1
CNPM	China Poot	81.89	13	P	Iamb	Iamb	23 05 41.4 +0.3
CNPM							23 05 43.0
HOM	Homert	81.93	13	P	P	P	23 05 41.2 -0.1
WHN	Wuhan	81.93	306	uP	pmx	pmx	23 05 43.1 +1.1
PINE	Pine Mountain	81.94	38	P	P	P	23 05 43.1 +1.1
I05D	Terrebonne, OR	82.04	37	P	P	P	23 05 44.4 +2.1
R11A	Troy Canyon, C	82.17	45	P	P	P	23 05 45.0 +1.7
R11A	Troy Canyon, C	82.17	45	P	P	P	23 05 43.9 +0.5
E03A	Lebanon	82.18	35	P	P	P	23 05 43.7 +0.9
BRLK	Bradley Lake	82.19	13	Iamb	Iamb	P	23 05 44.3
F04D	Rainier, OR	82.19	35	P	P	P	23 05 45.2 +2.3
MAW	Mawson	82.34	200	P	P	P	23 05 44.2 +0.8
MAW	Mawson	82.34	200	P	P	P	23 05 43.5 +0.1
F04A	Amboy	82.42	36	P	Iamb	Iamb	23 05 44.9 +0.9
F04A							23 05 46.9
RSO	Redoubt South	82.43	12	P	P	P	23 05 44.0 -0.1
TUC	Tucson	82.48	52	P	P	P	23 05 47.5 +2.7
TUC	Tucson	82.48	52	P	Iamb	Iamb	23 05 46.0 +1.1
TUC							23 05 48.9

SVW2	Sparrevohn	82.48	11	Iamb	Iamb	P	23 05 45.5
WVOR	Wild Horse Val	82.51	40	P	Iamb	P	23 05 45.7 +0.9
WVOR							23 05 48.0
NLWA	Neilton Lookou	82.56	34	P	Iamb	P	23 05 44.6 -0.2
NLWA							23 05 48.1
G05D	Wamic, OR	82.60	37	P	P	P	23 05 47.3 +2.2
E04D	Cinebar	82.72	35	P	P	P	23 05 48.1 +2.5
SEW	Seward	82.81	14	P	Iamb	P	23 05 45.6 -0.1
SEW							23 05 47.1
UBPT	Khong Chiam	82.84	289	P	P	P	23 05 46.2 -0.7
F05D	White Salmon	82.91	36	P	P	P	23 05 48.7 +2.1
I07A	Middleton Isla	82.95	38	Iamb	Iamb	P	23 05 50.2
MID	Middleton Isla	82.97	16	P	P	P	23 05 45.3 -1.1
MA2	Magadan	82.97	345	P	P	P	23 05 46.4 -0.1
MA2	Magadan	82.97	345	Iamb	Iamb	P	23 05 47.7
D04E	Lakebay	83.00	94	P	P	P	23 05 49.4 +2.4
X16A	Lo Mia Camp, P	83.03	50	P	Iamb	Iamb	23 05 49.2 +1.6
X16A							23 05 51.5
LCMT	Little Creek M	83.05	47	P	P	P	23 05 47.3 -0.4
D03D	Eldon	83.06	34	P	P	P	23 05 49.2 +2.0
J08A	Circle Bar Ran	83.14	39	P	Iamb	Iamb	23 05 47.8 -0.1
J08A							23 05 51.1
319A	Douglas	83.17	53	P	P	P	23 05 50.0 -1.3
CCUT	Cedar City	83.25	35	P	P	P	23 05 49.9 +0.2
LON	Lomire	83.25	35	P	P	P	23 05 48.9 +0.5
KNB	Kanab	83.35	47	P	P	P	23 05 49.7 +0.5
U15A	North Rim	83.42	48	P	Iamb	Iamb	23 05 51.6 +1.9
U15A							23 05 53.3
PSUT	Pine Spring	83.42	45	P	P	P	23 05 50.4 +0.8
D05A	Enumclaw	83.43	35	P	Iamb	Iamb	23 05 49.3 +0.2
D05A							23 05 53.2
SZCU	Shurtz Canyon	83.46	46	P	P	P	23 05 50.5 +0.7
PGC	Sidney	83.57	33	Iamb	Iamb	P	23 05 50.0 +0.3
PGC							23 05 52.6
WUAZ	Wupatki	83.61	49	P	P	P	23 05 52.8 +2.3
WUAZ	Wupatki	83.61	49	P	Iamb	Iamb	23 05 51.6 +1.1
WUAZ							23 05 54.0
RC01	Rabbit Creek A	83.63	13	Iamb	Iamb	P	23 05 51.5
KULM	Kulim	83.63	278	P	Iamb	Iamb	23 05 49.8 -1.1
KULM							23 05 53.0
BBB	Bella Bella	83.68	28	P	P	P	23 05 52.0 +1.9
BBB	Bella Bella	83.68	28	P	Iamb	Iamb	23 05 50.6 +0.4
BBB							23 05 56.6
ELK	Elk	83.69	43	P	P	P	23 05 51.4 +0.5
HIN	Hinchinbrook I	83.77	15	Iamb	Iamb	P	23 05 51.6
F07A	Pinky Hill Vi	83.78	37	P	P	P	23 05 52.5 +1.7
PKCU	Pink Cliffs	83.92	47	P	P	P	23 05 52.9 +0.8
G08A	Pilot Rock	83.97	38	Iamb	Iamb	P	23 05 52.7 +0.7
G08A							23 05 55.0
A04D	Lummi Island	84.00	33	P	P	P	23 05 54.0 +2.2
B05A	Bryant	84.03	34	P	P	P	23 05 53.7 +1.7
SKT	Skwentna	84.06	12	P	P	P	23 05 50.9 -1.0
FID	Port Fidalgo	84.08	15	P	Iamb	Iamb	23 05 51.9 -0.1
FID							23 05 52.9
EYAK	Cordova Ski A	84.09	15	Iamb	Iamb	P	23 05 53.2
X18A	Snowflake	84.16	50	P	P	P	23 05 54.1 +0.9
LTY	Liberty	84.18	35	P	Iamb	Iamb	23 05 53.5 +0.6
KNK	Knik Glacier	84.20	14	Iamb	Iamb	P	23 05 54.3
E07A	Sunnyside	84.21	36	Iamb	Iamb	P	23 05 54.0 +0.9
E07A							23 05 56.1
PMR	Palme	84.21	13	Iamb	Iamb	P	23 05 53.6
RAGM	Ragged Mountain	84.22	16	P	Iamb	Iamb	23 05 52.9 +0.1
RAGM							23 05 54.9
HAWA	Hanford	84.29	36	P	Iamb	Iamb	23 05 54.3 +0.9
HAWA							23 05 56.6
MTPU	Mount Pierson	84.30	46	P	P	P	23 05 55.9 +1.8
SIT	Sitka	84.36	22	P	Iamb	Iamb	23 05 53.1 -0.3
SIT							23 05 56.1
RPSI	Rantau Prapat	84.36	275	Iamb	Iamb	P	23 05 55.5
C06D	Leavenworth	84.46	35	P	P	P	23 05 56.0 +1.8
A05A	Maple Falls	84.50	33	P	P	P	23 05 54.0 -0.3
B06A	Marblemount	84.51	34	P	Iamb	Iamb	23 05 54.4 +0.1
B06A							23 05 56.7
MSU	Marysvalle	84.54	46	P	P	P	23 05 56.8 +1.7
SML	Sawmill	84.58	14	Iamb	Iamb	P	23 05 57.6
W18A	Petrified Fore	84.59	50	P	P	P	23 05 57.6 +2.2
W18A	Petrified Fore	84.59	50	P	P	P	23 05 55.6 +0.2
E08A	Dider Farm, El	84.61	36	P	P		

3d 22h

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes entries like BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, etc.

2014 APR

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes entries like C36M Paulutok, C36M Paulutok, TIXI Tiksi, etc.

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Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes entries like BRTR comp=Z,1.8nm,0.9s, SKPbc, SKIKP, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HUMR Humele, DEV Deva, MANZ Manzenberg, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PB01 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like MAKZ Makanchi, MKAR Makanchi Array, etc.

IDC 03 23:04:23.01.3, 19.818S:71.02W, h0km, mb3.9/4, mb1.4.2/9, mb1mx4.0/20, mbrtp4.0/9, ML4.3/3, MS3.5/5, Ms1.3/5, ms1mx3.6/24, Error ellipse: s-maj=32.0km, min=18.4km, az=69.0

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

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PB12 IPOC Station P, MNMC Minye Minye, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like GO01 Chusmiza, PB08 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PB02 IPOC Station P, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like LPAZ La Paz, SIV San Ignacio, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like SAML Samuel, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like CPUP Villa Florida, SALV Santo Antonio, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, PLCA Pitinga, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PB08 IPOC Station P, PB02 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PB01 IPOC Station P, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PB07 IPOC Station P, PB03 IPOC Station P, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like GO03 Copiap, SIV San Ignacio, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like GO04 Tololo Observa, NANA Nana, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, H1S2 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like H1N3 WAKE ISLAND, H1N2 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like H1N1 WAKE ISLAND, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like MAKZ Makanchi, MKAR Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PB11 IPOC Station P, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PB12 IPOC Station P, PB12 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PB12 IPOC Station P, PB12 IPOC Station P, etc.

IDC 03 23:16:29.4.1.5, 19.45S:70.47W, h0km, mb3.5/2, mb1.3.8/3, mb1mx3.6/18, mbrtp3.7/3, ML3.6/1, MS3.2/1, Ms1.3/2.1, ms1mx2.5/25, Error ellipse: s-maj=59.8km, s-min=19.3km, az=78.0

3d 23h

2014 APR

Table with columns: Call Sign, Name, Power, Mode, Frequency, and other details. Includes entries like WHTX Lake Whitney, CLTN Cedar of Leba, T53A Wise, etc.

Table with columns: Call Sign, Name, Power, Mode, Frequency, and other details. Includes entries like VNA3 Neumayer Olymp, M54A Oil Creek Stat, N49A Colonus Grove, etc.

Table with columns: Call Sign, Name, Power, Mode, Frequency, and other details. Includes entries like E54A Lac Daplat, F48A Evansville, X16A Lo Mia Camp, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, Residual, and other station-specific data. Includes stations like GSC Goldstone, RDMU Red Mountain, K22A Casper, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, Residual, and other station-specific data. Includes stations like E09A Wood Farm, FFC Filin Film, K02D Willamette Mer, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, Residual, and other station-specific data. Includes stations like UZB 1.9nm,0.3s, DJR 17nm,0.7s, etc.

SOME 03 23:39:59.7, 41.92N, 83.45E, h15km
NIC 03 23:40:09.0, 1.8, 42.14N, 83.12E, h0km, mb3.2, mpv2.8,
Error ellipse: s-maj=16.8km s-min=10.2km az=144.0
ISC 03 23:39:56.9, 3.4, 41.91N, 0.1, 83.45E, 0.1, h15km, n9,
@189/16, 4C-3D, Southern Xinjiang

ISC 03 23:41:55.4, 13.0, 21.24N, 144.64E, h170km, 117km,
mb3.4/10, mb1.3, 5/10, mb1.3, 2/50, mbtmp3.9/10, Error
ellipse: s-maj=112.7km s-min=16.5km az=77.0
ISC 03 23:41:53.1, 2.4, 21.2N, 0.2, 144.7E, 0.7, h150km, n10,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like KRSR Korea Array, SONM Songino Array, WRA Warramunga Arr, etc.

MAN 04 00:01:35.8, 3.61N; 126.99E, h1km, mb4.5, ML3.4, MS3.2
IDC 04 00:01:39.3, 0.8, 4.08N; 126.60E, h0km, mb4.1/1.1,
mb1.4/2.12, mb1mx3.9/4.3, mbtmp4.1/1.2, ML4.3/1, MS3.4/2,
Ms1.3/4.2, ms1mx2.7/3.6, Error ellipse: s-maj=51.4km
s-min=13.8km az=67.0
NEIC 04 00:01:46.5, 1.5, 4.17N; 0.09, 126.9E; 0.1, h65km, 6km,
mb4.3/2.8, Error ellipse: s-maj=16.9km s-min=11.6km
az=54.0

ISC 04 00:01:40.2, 0.5, 4.15N; 0.06, 126.74E; 0.10, h10km, n53,
+196/55, mb4.2/2.1, AC, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like DDMP Don Marcelino, SKMP Bagumbayan, KCP Kipadawan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like YULB Yulb, TPUB Tapu, NACB Nanchiao, etc.

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like PB11 IPOC Station P, PB02 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like PB03 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like PB16 IPOC Station P, LVC Limon Verde, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like PTGA Pitinga, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like YKA Yellowknife Ar, H1S2 WAKE ISLAND Hy26.12, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like H1S1 WAKE ISLAND Hy26.13, H1S3 WAKE ISLAND Hy26.14, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like H1N1 WAKE ISLAND Hy26.20, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like H1N2 WAKE ISLAND Hy26.19, H1N1 WAKE ISLAND Hy26.20, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like BCI Bajram Curri, BUK Puka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like MGRS Mrkonjic Grad, DIVS Divibare, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like BLY Banja Luka, BLY Banja Luka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like MORI Morici, MORI Selova, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like PHP Peshkopia, UDBI Udbina, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like FRGS Fruska Gora, DUGI Dugi Otok, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like BOVS Bovan, BARS Barje, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like NVLJ Novalja, ZAGS Zajecar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like MDVR Moldovita, BOPS Bosilegrad, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like ZAPS Zavoje, ZETJ Zetina, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like CRES Cresnjev, HERR Herculan, etc.

TIR 04 00:03:25.3, 43.00N; 18.17E, h2km, Md3.1/3
PDG 04 00:03:26.7, 0.4, 43.03N; 18.26E, h14km, MD2.9/2,
ML2.6/1.2, Error ellipse: s-maj=0.5km s-min=0.7km az=0.0
BEO 04 00:03:27.3, 0.3, 43.09N; 18.26E, h5km, 3km, ML2.5/1.3
RHSSO 04 00:03:27.8, 0.2, 43.03N; 18.26E, h7km, 2km, ML2.7/1.2
ISC 04 00:03:27.5, 0.9, 43.03N; 0.02, 18.26E; 0.1, h9km, 8km,
n77, c19/3/126, 16C-14D, Northwestern Balkan

TAP 04 00:06:05.5, 23.81N; 121.47E, h11km, ML1.5, C, Taiwan

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like ENLB Shoufeng, TWD Chiawan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like TWD Chiawan, OWD Renai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like OWD Renai, VWD WYD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like VWD WYD, HGSD Guanfu, etc.

IDC 04 00:06:14.9, 1.1, 3.5736S; 26.39W, h0km, mb4.0/2,
mb1.4/0.3, mb1mx3.6/3.1, mbtmp3.9/3, ML3.5/1, Error
ellipse: s-maj=80.4km s-min=30.9km az=83.0, South

Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like SNAA Snaae, QSPA South Pole Qui, etc.

Table with columns: WRA, ASAR, NOA, Warramunga Arr, Alice Springs, NORSA, etc. Includes station names, coordinates, and parameters.

IDC 04 01:37:48.0, 2.0, 20.47S:70.54W, h0km, mb5.5/39, mb1 5.5/44, mb1mx5.4/48, mbimp5.4/44, ML4, 7/5, MS6.0/25, Ms1 6.0/25, ms1mx5.8/29, Error ellipse: s-maj=13.6km s-min=8.6km az=72.0

SOME 04 01:37:50.0, 2.0, 20.58S:70.75W, h10km NEIC 04 01:37:50.0, 2.0, 20.64S:70.35W, h0.05, h14km, 2km, mb6.2/50, Ms1 6.0/27, Mw6.8/284, Mw6.3, Mw6.3(GCMT), Mw6.1(GUC), Error ellipse: s-maj=7.9km s-min=4.2km az=64.0

MOS 04 01:37:50.1, 1.3, 20.27S:70.52W, h10km, mb6.2/50, MS6.1/52, Error ellipse: s-maj=10.1km s-min=6.4km az=94.8

NEIC 04 01:37:50.3, 20.62S:70.68W, h13km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm, Mr1:7.8, Mw:0.00, Ms:1.78, Ma:0.63, Mb:0.29, Mc:1.06, Fault plane solution: Mo: 18000x10^18, NP2: 159.09000, 862.18000, 1.70.72000, Principal axes: T 2.202, Plg17.0000, Azm44.0000, N -0.0344, Plg10.0000, Azm164.0000, P -2.1658, Plg16.0000, Azm257.0000

VAO 04 01:37:51.0, 0.5, 20.60S:70.40W, h16km, 2km, mb5.7 SJA 04 01:37:51.6, 0.7, 20.64S:70.61W, h21km, ML6.0, MW6.1 GUC 04 01:37:52.0, 0.9, 20.62S:70.61W, h33km, 3km, MW6.1 BUI 04 01:37:52.0, 2.0, 20.62S:70.68W, h20km, mb6.2/45, Ms6.3/75, Ms7.6/370

UCR 04 01:37:54.3, 2.9, 20.62S:70.74W, h20km, mb6.3(NEIC) GCMT 04 01:37:57.6, 0.1, 20.61S:70.91W, h20km, Mw6.2/172, Moment Tensor Solution. s163.0372, s172.6282, Duration: 3.2, Moment tensor: Scale 10^18Nm, Mr1:8.6, Mr:1.94, Ms:1.05, Mw:0.41, Mb:2.00, Fault plane solution: Mo: 299000x10^18, NP1: 156.0000, 870.0000, 1.80.0000, NP2: 33.0000, 822.0000, 1.15.0000, Principal axes: T 2.9527, Plg64.0000, Azm51.0000, N 0.0683, Plg5.0000, Azm160.0000, P -3.0210, Plg24.0000, Azm254.0000

NEIC 04 01:37:58.20, 63S:70.93W, h18km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm, Mr1:8.6, Mw:0.10, Ms:1.05, Mw:0.41, Mb:2.00, Fault plane solution: Mo: 299000x10^18, NP1: 156.0000, 870.0000, 1.80.0000, NP2: 33.0000, 822.0000, 1.15.0000, Principal axes: T 2.9527, Plg64.0000, Azm51.0000, N 0.0683, Plg5.0000, Azm160.0000, P -3.0210, Plg24.0000, Azm254.0000

NEIC 04 01:37:58.20, 63S:70.66W, h20km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm, Mr1:8.6, Mw:0.07, Ms:2.39, Mw:0.95, Mw:0.40, Mb:1.81, Fault plane solution: Mo: 15000x10^18, NP1: 159.09000, 862.18000, 1.70.72000, Principal axes: T 3.1388, Plg68.0000, Azm49.0000, N 0.0198, Plg10.0000, Azm163.0000, P -3.1576, Plg20.0000, Azm257.0000

ISC 04 01:37:51.5, 0.5, 20.61S:70.53W, h0.03, h19km, 1km, h19km, pP-P, n1808, e173/1483, mb6.2/306, MS6.0/439, 76C-27D, Near coast of northern Chile

Main station list table with columns: Code, Station Name, Delta AZ, Phase ID, Time, Res, etc. Lists numerous stations and their parameters.

Main station list table (continued) with columns: NNA, NNA, NNA, CPUP, CPUP, CPUP, etc. Lists numerous stations and their parameters.

Main station list table (continued) with columns: BCIP, MDP, MDP, PCRV, PCRV, PCRV, etc. Lists numerous stations and their parameters.

4d 1h

MTDJ	comp=Z,171nm,1.4s	IAMB	IAMB	01 45 22.9
MTDJ	comp=Z,171nm,22.0s	IAMS_20	IAMS_20	02 01 41.7
SC01	Santiago de los	IAMB	IAMB	01 45 26.5
SC01	comp=Z,1.1m,1.8s	IAMS_20	IAMS_20	02 02 17.2
GTBY	Guantanamo Bay	P	P	01 45 28.3 -1.2
GTBY	comp=Z,24um,18.0s	IAMS_20	IAMS_20	02 04 56.9
GRTK	Grand Turk	P	P	01 45 40.5 0.0
GRTK	comp=Z,559nm,1.3s	IAMB	IAMB	01 45 43.2
CCIG	Comitan	P	P	01 45 43.6 -1.2
CCIG	comp=Z,18um,21.0s	IAMS_20	IAMS_20	02 00 47.8
HOPE	Hope Point	P	P	01 45 46.4 +2.0
HOPE	comp=Z,173nm,1.1s	MLR	MLR	
HOPE	comp=Z,30um,21.0s	P	P	01 45 46.4 +2.0
HOPE	Hope Point	IAMS_20	IAMS_20	02 03 06.1
TEIG	Tepech	P	P	01 45 58.7 -0.3
TEIG	comp=Z,286nm,0.6s,baz=235,slow=0.0,SNR=20	IAMB	IAMB	01 45 58.2 -0.7
TEIG	Tepech	IAMB	IAMB	01 46 01.8
PMSA	Palmer Station	P	P	01 46 01.3 +1.2
PMSA	comp=Z,39nm,0.7s,baz=348,slow=13,SNR=7.5	IAMS_20	IAMS_20	02 03 30.8
PMSA	Palmer Station	P	P	01 46 01.3 +1.2
TLIG	Tiapa	eP	IAMB	01 46 24.6
TLIG	comp=Z,293nm,1.6s	IAMS_20	IAMS_20	02 02 11.1
DWPF	Disney Wildern	P	P	01 46 41.4 +0.2
DWPF	baz=167	P	P	01 46 41.3 +0.1
656A	Williston	IAMB	IAMB	01 46 56.6
656A	comp=Z,386nm,1.1s	IAMS_20	IAMS_20	02 12 58.4
553A	Crawfordville	IAMS_20	IAMS_20	02 12 58.4
553A	comp=Z,13um,19.0s	IAMB	IAMB	01 47 06.3 -0.5
BBSR	BB Station	P	P	01 47 09.3
BBSR	comp=Z,323nm,1.6s	IAMB	IAMB	01 47 09.3
451A	Vernon	IAMS_20	IAMS_20	02 12 15.0
451A	comp=Z,12um,20.0s	P	P	01 47 08.7 -0.1
TIGA	Tifton	IAMB	IAMB	01 47 12.2
TIGA	baz=165,SNR=16	IAMB	IAMB	01 47 12.2
255A	Hazlehurst	IAMB	IAMB	01 47 13.9
255A	comp=Z,532nm,1.6s	IAMB	IAMB	01 47 13.9
352A	Blakely	IAMB	IAMB	01 47 14.7
352A	comp=Z,353nm,1.4s	IAMS_20	IAMS_20	02 12 57.3
158A	Hollywood	P	P	01 47 13.8 +0.7
158A	baz=169	P	P	01 47 13.4 0.0
BRAL	Brewton	P	P	01 47 13.4 0.0
BRAL	baz=181	P	P	01 47 13.6 -0.1
157A	Early Branch	P	P	01 47 13.6 -0.1
157A	baz=168,SNR=8.7	P	P	01 47 16.4 +0.7
Z59A	Georgetown, SC	P	P	01 47 15.4 -0.3
Z59A	baz=170	P	P	01 47 15.6 -0.1
NHSC	New Hope	P	P	02 10 56.6
NHSC	baz=169,SNR=24	IAMS_20	IAMS_20	02 10 56.6
NHSC	New Hope	P	P	01 47 15.6 -0.1
NHSC	comp=Z,13um,22.0s	IAMS_20	IAMS_20	02 10 56.6
154A	Montrose	IAMB	IAMB	01 47 20.0
154A	comp=Z,259nm,1.1s	IAMS_20	IAMS_20	02 12 07.2
258A	St. Stephen	P	P	01 47 16.6 -0.4
258A	comp=Z,10um,21.0s	P	P	01 47 17.0 -0.8
257A	Bowman	P	P	01 47 17.0 -0.8
257A	baz=168,SNR=24	P	P	01 47 17.9 -0.9
Z56A	Williston	P	P	01 47 17.9 -0.9
Z56A	baz=168,SNR=9.5	IAMS_20	IAMS_20	02 14 12.0
256A	Williston	IAMS_20	IAMS_20	02 14 12.0
152A	Waverly Hall	IAMB	IAMB	01 47 21.0
152A	comp=Z,442nm,1.9s	IAMS_20	IAMS_20	02 11 38.1
Y60A	Bolivia	P	P	01 47 19.8 -0.3
Y60A	baz=171,SNR=10	IAMS_20	IAMS_20	01 11 25.6
Y60A	Bolivia	P	P	01 47 20.4 -0.2
Y60A	comp=Z,12um,20.0s	IAMS_20	IAMS_20	02 11 16.5
Y59A	Loris	IAMS_20	IAMS_20	02 11 16.5
Y59A	baz=171,SNR=11	IAMS_20	IAMS_20	01 47 20.3 -0.5
Y58A	Scranton	P	P	01 47 20.3 -0.5
Y58A	comp=Z,14um,21.0s	IAMS_20	IAMS_20	02 13 48.7
Y56A	Pelion	P	P	01 47 21.8 -0.2
Y56A	baz=168	IAMB	IAMB	01 47 21.0 -1.4
GOGA	Godfrey	P	P	01 47 21.0 -1.4
GOGA	comp=Z,344nm,2.0s	MLR	MLR	
GOGA	comp=Z,10um,20.0s	P	P	01 47 21.4 -1.0
GOGA	Godfrey	P	P	01 47 20.9 -1.4
GOGA	baz=165,SNR=19	IAMB	IAMB	01 47 24.3
GOGA	Godfrey	P	P	01 47 24.3
GOGA	comp=Z,344nm,1.9s	IAMS_20	IAMS_20	02 12 42.6
GOGA	Godfrey	IAMS_20	IAMS_20	02 12 42.6
Y57A	Sumter	P	P	01 47 22.3 -0.2
Y57A	baz=169,SNR=14	IAMS_20	IAMS_20	02 11 45.5
344A	Westbrook Farm	IAMB	IAMB	01 47 27.2
344A	comp=Z,12um,20.0s	IAMS_20	IAMS_20	02 11 45.5
Y55A	Saluda	P	P	01 47 22.9 -0.8
Y55A	baz=167,SNR=38	IAMS_20	IAMS_20	01 47 23.7 -0.2
X60A	Albert Glenn T	P	P	01 47 23.7 -0.2
X60A	baz=172,SNR=35	IAMS_20	IAMS_20	01 47 24.0 -0.5
X59A	McDuffie Farm,	P	P	01 47 24.0 -0.5
X59A	baz=171,SNR=18	IAMS_20	IAMS_20	01 47 59.4
Z51A	Franklin	IAMS_20	IAMS_20	02 11 59.4
X58A	Rowland	P	P	01 47 24.4 -0.7
X58A	baz=170,SNR=13	IAMS_20	IAMS_20	02 13 16.3
X58A	Rowland	IAMS_20	IAMS_20	02 13 16.3
X57A	Johnson Farm,	P	P	01 47 24.9 -0.4
X57A	baz=169,SNR=7.1	IAMS_20	IAMS_20	01 47 24.4 -1.1
Z50A	Ashland	P	P	01 47 24.4 -1.1
Z50A	baz=163,SNR=67	IAMS_20	IAMS_20	01 47 24.3
Z50A	Ashland	IAMS_20	IAMS_20	01 47 24.8 -1.2
LRAL	Lakeview Retre	P	P	01 47 25.0 -1.0
LRAL	comp=Z,12um,20.0s	IAMS_20	IAMS_20	02 15 53.5
LRAL	Lakeview Retre	P	P	01 47 25.0 -1.0
LRAL	comp=Z,161nm,1.9s	IAMS_20	IAMS_20	02 15 53.5
ASCN	Ascension	P	P	01 47 27.5 +0.9
ASCN	comp=Z,342nm,0.8s	IAMB	IAMB	01 47 30.0
ASCN	Ascension	IAMS_20	IAMS_20	02 09 24.1
HODGE	Hodges	IAMS_20	IAMS_20	02 15 04.2
HODGE	comp=Z,17um,21.0s	P	P	01 47 25.5 -1.0
Y52A	Liburn	P	P	01 47 25.5 -1.0
Y52A	baz=165,SNR=19	IAMS_20	IAMS_20	02 12 50.2
Y52A	Liburn	IAMS_20	IAMS_20	01 47 26.0 -0.5
X56A	White Oak	P	P	01 47 26.0 -0.5
X56A	baz=168,SNR=40	IAMS_20	IAMS_20	02 14 56.7
BIRD	Birdtown, Kers	IAMS_20	IAMS_20	02 14 56.7
BIRD	comp=Z,11um,19.0s	P	P	01 47 26.6 -0.5
W60A	Pink Hill	P	P	01 47 26.7 -0.5
W60A	baz=172,SNR=17	IAMS_20	IAMS_20	01 47 26.7 -0.5
X55A	Gracelyn & Ava	P	P	01 47 27.7 +0.3
X55A	baz=168,SNR=32	IAMS_20	IAMS_20	01 47 27.7 +0.3
W61A	Ground Anchor	P	P	01 47 27.7 +0.3
W61A	baz=173,SNR=5.3	IAMB	IAMB	01 47 29.6
146A	Union	IAMB	IAMB	01 47 29.6

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HKT	Hockley	55.86 333	P	P	01 47 28.4 +0.7
HKT	comp=Z,644nm,1.9s	MLR	MLR		
HKT	Hockley	55.86 333	P	IAMB	01 47 28.4 +0.7
HKT	comp=Z,5um,21.0s	IAMB	IAMB	01 47 30.9	
VBMS	Vicksburg	55.90 340	P	P	01 47 27.3 -0.7
VBMS	baz=152,SNR=10	IAMB	IAMB	01 47 30.9	
W58A	RaeFord	55.94 351	P	P	01 47 28.3 0.0
W58A	comp=Z,669nm,1.8s	P	P	01 47 28.0 -0.6	
W59A	Clinton	55.97 352	P	P	01 47 28.9 +0.4
W59A	baz=171,SNR=60	P	P	01 47 28.2 -0.5	
CNNC	Cliffs of the	55.98 353	P	P	01 47 28.9 +0.4
CNNC	baz=172	P	P	01 47 29.0 -0.4	
X54A	Beltco	55.99 348	P	P	01 47 29.0 -0.4
X54A	Chaparral WMA,	56.07 329	P	P	01 47 29.7 +0.3
X54A	Hyde County Ai	56.10 355	P	P	01 47 29.7 +0.3
X54A	comp=Z,10um,18.0s	IAMS_20	IAMS_20	02 12 08.5	
V62A	Hyde County Ai	56.10 355	IAMS_20	IAMS_20	02 12 08.5
V62A	comp=Z,10um,22.0s	P	P	01 47 29.0 -0.8	
X53A	Estanolee	56.13 347	P	P	01 47 33.3
X53A	baz=170,SNR=27	IAMB	IAMB	02 15 08.7	
PAULI	Pauline	56.16 349	IAMB	IAMB	02 15 08.7
PAULI	comp=Z,240nm,1.4s	IAMS_20	IAMS_20	02 15 08.7	
PAULI	Pauline	IAMS_20	IAMS_20	02 15 08.7	
W57A	Gilead	56.18 351	P	P	01 47 29.5 -0.5
W57A	comp=Z,10um,18.0s	IAMB	IAMB	01 47 33.5	
W57A	Gilead	56.18 351	IAMB	IAMB	02 14 35.3
W57A	comp=Z,240nm,1.4s	IAMS_20	IAMS_20	02 14 35.3	
W57A	Gilead	IAMS_20	IAMS_20	02 14 35.3	
W57A	comp=Z,11um,18.0s	P	P	01 47 31.6 +0.2	
W57A	Indian Trail	56.25 350	P	P	01 47 31.6 +0.2
W57A	baz=169,SNR=34	P	P	01 47 31.4 -0.1	
V61A	Roper	56.38 354	P	P	01 47 31.4 -0.1
V61A	comp=Z,13um,22.0s	P	P	01 47 31.4 -0.1	
KMSC	Kings Mountain	56.38 349	P	P	01 47 31.0 -0.5
KMSC	baz=168,SNR=30	IAMS_20	IAMS_20	02 12 35.3	
KMSC	Kings Mountain	56.38 349	P	P	01 47 31.0 -0.5
KMSC	comp=Z,12um,20.0s	IAMS_20	IAMS_20	02 12 35.3	
V60A	Jim Taylor Roa	56.42 353	P	P	01 47 31.3 -0.5
V60A	baz=173,SNR=17	P	P	01 47 31.9 -0.3	
W54A	Cherokee Point	56.48 349	P	P	01 47 31.9 -0.7
W54A	comp=Z,17um,22.0s	P	P	01 47 31.9 -0.7	
X51A	Calhoun	56.53 346	P	P	02 13 18.1
X51A	baz=164,SNR=27	IAMS_20	IAMS_20	02 13 18.1	
X51A	Calhoun	56.53 346	IAMS_20	IAMS_20	02 13 18.1
X51A	comp=Z,12um,22.0s	P	P	01 47 32.6 0.0	
V59A	Middlesex	56.54 352	P	P	01 47 32.6 0.0
V59A	baz=172,SNR=62	IAMB	IAMB	01 47 36.8	
143A	Soes Landing	56.64 339	IAMB	IAMB	01 47 36.8
143A	comp=Z,15um,1.5s	IAMB	IAMB	01 47 33.2 -0.3	
V58A	Windy Hill, Pi	56.68 352	P	P	01 47 33.2 -0.3
V58A	baz=171,SNR=37	IAMS_20	IAMS_20	02 12 59.1	
V58A	Windy Hill, Pi	56.68 352	IAMS_20	IAMS_20	02 12 59.1
V58A	comp=Z,13um,21.0s	IAMS_20	IAMS_20	01 47 33.7 -1.0	
FPAL	Fort Payne	56.69 345	IAMS_20	IAMS_20	01 47 36.8
FPAL	comp=Z,11um,22.0s	IAMB	IAMB	01 47 36.8	
W52A	Murphy	56.84 347	P	P	01 47 33.7 -1.0
W52A	comp=Z,55nm,2.0s	IAMB	IAMB	01 47 34.5 -0.4	
V57A	Coltene Farms	56.86 351	P	P	01 47 34.5 -0.4
V57A	baz=170,SNR=33	P	P	01 47 34.8 -0.3	
V56A	Mocksville	56.90 350	P	P	01 47 35.1 0.0
V56A	baz=169,SNR=46	P	P	01 47 37.2	
X46A	Possum Corner	56.91 354	P	P	01 47 37.2
X46A	baz=174,SNR=17	IAMB	IAMB	01 47 35.5 -0.3	
NATX	Hartselle	56.96 344	IAMB	IAMB	01 47 35.5 -0.3
NATX	comp=Z,546nm,1.7s	P	P	01 47 39.0	
NATX	Nacogdoches	56.98 335	P	P	01 47 39.0
NATX	baz=163,SNR=22	IAMB	IAMB	01 47 35.3 -1.0	
NATX	Nacogdoches	56.98 335	IAMB	IAMB	01 47 38.8
V55A	Taylorville	57.05 350			

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J61A	comp=Z,10um,20.0s Chester baz=178,SNR=32	63.66 358	P	P	01 48 22.0 +0.7
319A	Douglas comp=Z,357nm,1.6s	63.66 323	Iamb	Iamb	01 48 25.0
121A	comp=Z,8um,19.0s Cooks Peak, D baz=141,SNR=46	63.73 325	P	P	01 48 22.9 +0.7
121A	Cooks Peak, D comp=Z,538nm,1.9s	63.73 325	Iamb	Iamb	01 48 25.9
121A	comp=Z,9um,20.0s Adirondack Com comp=Z,9um,20.0s	63.74 357	IAMs_20	IAMs_20	02 17 25.9
AAM	Ann Arbor baz=166	63.76 349	P	P	01 48 20.4 -1.5
AAM	Ann Arbor comp=Z,8um,21.0s	63.76 349	IAMs_20	IAMs_20	02 16 44.9
K52A	Tillsonburg baz=170,SNR=9.7	63.77 352	P	P	01 48 21.4 -0.6
M44A	Midewin, Midew comp=Z,12um,19.0s	63.78 345	IAMs_20	IAMs_20	02 20 26.5
J58A	Remsen baz=175,SNR=27	63.80 356	P	P	01 48 22.3 +0.1
J58A	Remsen comp=Z,161nm,1.8s	63.80 356	Iamb	Iamb	01 48 26.1
K51A	Iona Station baz=169	63.82 351	P	P	01 48 21.2 -1.2
J56A	Wolcott baz=174,SNR=32	63.83 355	P	P	01 48 22.4 0.0
J56A	Wolcott comp=Z,10um,19.0s	63.83 355	IAMs_20	IAMs_20	02 18 34.2
J59A	Piesco comp=Z,10um,19.0s	63.86 357	P	P	01 48 22.8 +0.2
N41A	Harden Midland comp=Z,9um,21.0s	63.86 343	IAMs_20	IAMs_20	02 19 34.8
MEDO	Medina comp=Z,12um,19.0s	63.87 354	P	P	01 48 23.1 +0.5
MEDO	Medina comp=Z,11um,20.0s	63.90 356	P	P	01 48 22.6 -0.2
J57A	Williams baz=174,SNR=43	63.90 356	IAMs_20	IAMs_20	02 17 15.0
J57A	Williams comp=Z,14um,21.0s	63.90 356	IAMs_20	IAMs_20	02 17 15.0
J55A	Hilton baz=173,SNR=18	63.91 354	P	P	01 48 22.8 0.0
J55A	Hilton comp=Z,445nm,1.6s	63.91 354	Iamb	Iamb	01 48 26.3
J55A	comp=Z,13um,20.0s	63.90 347	P	P	01 48 21.9 -1.6
L46A	Eue Claire baz=164,SNR=7.2	63.99 347	Iamb	Iamb	01 48 25.3
L46A	Eue Claire comp=Z,333nm,1.4s	63.99 347	IAMs_20	IAMs_20	02 21 19.0
L46A	comp=Z,10um,18.0s	64.00 353	P	P	01 48 23.1 -0.4
J54A	Appleton baz=172,SNR=10.0	64.00 353	IAMs_20	IAMs_20	02 17 10.5
J54A	Appleton comp=Z,11um,20.0s	64.00 353	IAMs_20	IAMs_20	02 17 10.5
K50A	Casco baz=168,SNR=11	64.04 350	P	P	01 48 22.8 -1.0
K50A	Casco comp=Z,11um,21.0s	64.04 350	IAMs_20	IAMs_20	02 17 04.6
I58A	Old Forge baz=176,SNR=43	64.11 356	P	P	01 48 24.2 -0.1
I59A	Olmsteadville baz=177,SNR=70	64.16 357	P	P	01 48 24.9 +0.3
I62A	Tamworth baz=179,SNR=24	64.17 359	P	P	01 48 25.5 +0.9
I62A	Tamworth comp=Z,8um,21.0s	64.17 359	IAMs_20	IAMs_20	02 16 03.3
I60A	Shoreham baz=177,SNR=40	64.18 358	P	P	01 48 25.4 +0.7
J52A	Paris baz=170,SNR=40	64.19 352	P	P	01 48 24.0 -0.7
K49A	Clarkson baz=167,SNR=7.6	64.19 349	P	P	01 48 23.5 -1.3
I64A	Boothbay baz=181,SNR=14	64.21 1 P	P	P	01 48 25.1 +0.3
KSU1	Kansas State U baz=183,SNR=16	64.22 338	P	P	01 48 24.2 +0.9
I61A	Oroboro, Fairl baz=178,SNR=75	64.24 359	P	P	01 48 25.5 -0.4
K48A	Perry baz=166,SNR=26	64.33 349	P	P	01 48 24.3 -1.4
I63A	Otisfield baz=180,SNR=22	64.34 360	P	P	01 48 26.5 +0.8
I63A	Otisfield comp=Z,491nm,1.6s	64.34 360	Iamb	Iamb	01 48 30.4
I63A	comp=Z,8um,20.0s	64.35 357	IAMs_20	IAMs_20	02 16 14.9
NCB	Newcomb comp=Z,381nm,1.9s	64.35 357	P	P	01 48 25.6 -0.2
NCB	Newcomb comp=Z,10um,20.0s	64.36 348	IAMs_20	IAMs_20	02 16 38.1
K47A	Vermontville baz=165,SNR=17	64.36 348	P	P	01 48 24.7 -1.2
I57A	Carthage baz=175,SNR=25	64.40 356	P	P	01 48 26.3 +0.2
R32A	Long Quarter, comp=Z,430nm,1.6s	64.40 326	Iamb	Iamb	01 48 28.6
Y22D	IRIS PASSCALL I baz=142	64.48 327	P	P	01 48 27.6 +0.5
PECO	Prince Edward comp=Z,10um,19.0s	64.50 355	IAMs_20	IAMs_20	02 20 05.8
L44A	Lake County Fo baz=162	64.50 346	P	P	01 48 25.5 -1.4
L44A	Lake County Fo comp=Z,14um,21.0s	64.50 346	IAMs_20	IAMs_20	02 17 52.5
K46A	Dorr baz=164,SNR=8.7	64.53 348	P	P	01 48 25.5 -1.5
LBNH	Lisbon baz=179,SNR=35	64.54 359	P	P	01 48 28.4 +1.3
LBNH	Lisbon comp=Z,9um,22.0s	64.54 359	IAMs_20	IAMs_20	02 15 54.2
I53A	Korlrigt Cn E baz=171	64.65 353	P	P	01 48 27.0 -0.8
J49A	Marlette baz=167,SNR=8.0	64.70 350	P	P	01 48 26.6 -1.5
J48A	Bridge Port baz=166,SNR=29	64.75 349	P	P	01 48 27.4 -1.0
J48A	Bridge Port comp=Z,319nm,1.3s	64.75 349	Iamb	Iamb	01 48 30.8
J48A	comp=Z,9um,21.0s	64.79 357	P	P	01 48 28.8 +0.1
H58A	Gabriels baz=176,SNR=48	64.81 352	P	P	01 48 28.0 -0.8
I51A	Listowel baz=180,SNR=14	64.83 359	P	P	01 48 29.7 +0.7
H61A	Lyndonville baz=179,SNR=42	64.84 354	P	P	01 48 28.9 0.0
I55A	Frankford baz=173,SNR=40	64.86 1 P	P	P	01 48 29.6 +0.5
WVL	Waterville comp=Z,266nm,1.5s	64.86 1 P	Iamb	Iamb	01 48 33.5
WVL	comp=Z,12um,22.0s	64.86 360	P	P	01 48 29.9 +0.7
H62A	Milan baz=180,SNR=14	64.86 360	Iamb	Iamb	01 48 33.9
H62A	Milan comp=Z,506nm,1.9s	64.86 360	IAMs_20	IAMs_20	02 16 22.8
J47A	Summer baz=165,SNR=20	64.88 349	P	P	01 48 27.7 -1.5
J47A	Summer comp=Z,7um,20.0s	64.88 349	IAMs_20	IAMs_20	02 20 11.5
H60A	Morristown baz=178,SNR=25	64.88 358	P	P	01 48 30.2 +0.9
H57A	Richville baz=175,SNR=37	64.90 356	P	P	01 48 29.4 0.0
ANMO	Albuquerque comp=Z,463nm,2.0s	64.93 328	P	P	01 48 30.0 -0.1
ANMO	Albuquerque comp=Z,13um,22.0s	64.93 328	IAMs_20	IAMs_20	02 17 15.2
ANMO	Albuquerque comp=Z,463nm,2.0s	64.94 1 P	P	P	01 48 30.7 +0.7
H64A	Troy baz=182,SNR=16	64.95 0 P	P	P	01 48 30.7 +1.0
H63A	New Sharon baz=181,SNR=26	64.96 352	P	P	01 48 29.7 -0.2
I52A	Shelburne baz=170,SNR=5.8	64.96 352	P	P	01 48 29.7 -0.2

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H59A	Cadyville baz=177,SNR=50	65.00 358	P	P	01 48 30.4 +0.4
LONY	Lake Ozonia baz=176,SNR=56	65.01 357	P	P	01 48 30.2 +0.1
LONY	Lake Ozonia comp=Z,330nm,1.5s	65.01 357	Iamb	Iamb	01 48 34.1
LONY	comp=Z,13um,20.0s	65.01 357	IAMs_20	IAMs_20	02 17 49.6
H65A	Eastbrook baz=182,SNR=20	65.02 2 P	P	P	01 48 31.0 +0.8
EMMW	East Machias comp=Z,377nm,1.7s	65.06 2 P	Iamb	Iamb	01 48 34.6
EMMW	comp=Z,10um,22.0s	65.09 355	IAMs_20	IAMs_20	02 15 46.0
H56A	Elgin baz=174,SNR=33	65.09 355	P	P	01 48 30.7 +0.1
K43A	Burlington comp=Z,13um,21.0s	65.10 346	IAMs_20	IAMs_20	02 18 22.3
H55A	Tweed baz=173,SNR=34	65.12 355	P	P	01 48 30.8 0.0
DELO	Deloro Mine comp=Z,596nm,2.0s	65.13 354	Iamb	Iamb	01 48 33.4
DELO	comp=Z,11um,19.0s	65.14 335	IAMs_20	IAMs_20	02 19 16.5
CBK5	Cedar Bluff baz=150,SNR=17	65.14 335	P	P	01 48 31.0 -0.1
H66A	Whiting baz=183,SNR=19	65.14 3 P	P	P	01 48 31.9 +1.0
FRNY	Flat Rock comp=Z,451nm,1.6s	65.18 358	Iamb	Iamb	01 48 35.3
FRNY	comp=Z,8um,20.0s	65.21 323	IAMs_20	IAMs_20	02 18 25.1
TUC	Tucson comp=Z,321nm,1.9s	65.21 323	P	P	01 48 32.3 +0.5
TUC	Tucson baz=138	65.21 323	Iamb	Iamb	01 48 32.2 +0.4
TUC	Tucson comp=Z,13um,22.0s	65.21 323	IAMs_20	IAMs_20	02 17 45.2
TUC	Tucson comp=Z,321nm,1.9s	65.21 323	Iamb	Iamb	01 48 35.3
TUC	Tucson comp=Z,7um,20.0s	65.21 323	IAMs_20	IAMs_20	02 14 27.3
I49A	Point Hope baz=168,SNR=7.6	65.21 350	P	P	01 48 30.2 -1.2
I49A	Point Hope comp=Z,14um,22.0s	65.21 350	IAMs_20	IAMs_20	02 17 38.5
HAL	Halifax comp=Z,342nm,1.5s	65.24 5 P	Iamb	Iamb	01 48 35.5
H53A	Bobcaygeon baz=178,SNR=33	65.28 354	P	P	01 48 31.8 -0.1
J45A	Montague baz=164	65.37 347	P	P	01 48 30.9 -1.5
G60A	Masonville baz=178,SNR=36	65.41 359	P	P	01 48 33.3 +0.6
G63A	Kingsbury baz=181,SNR=28	65.41 1 P	P	P	01 48 33.5 +0.8
G59A	Clarenceville baz=177,SNR=14	65.41 358	P	P	01 48 33.1 +0.4
H52A	Wyeale baz=179,SNR=26	65.49 353	P	P	01 48 32.5 -0.7
GGN	Saint George comp=Z,397nm,1.6s	65.49 3 Iamb	Iamb	Iamb	01 48 37.5
GGN	comp=Z,10um,19.0s	65.51 0 P	IAMs_20	IAMs_20	02 18 23.6
G62A	West of Eustis baz=180,SNR=66	65.51 0 P	IAMs_20	IAMs_20	01 48 34.4 +1.1
G62A	West of Eustis comp=Z,9um,22.0s	65.51 0 P	IAMs_20	IAMs_20	02 16 15.8
G58A	Ormsdown baz=176,SNR=26	65.52 357	P	P	01 48 33.6 +0.3
G57A	Newington baz=175,SNR=43	65.52 357	P	P	01 48 33.4 0.0
SADO	Sadowa comp=Z,64nm,0.7s,baz=207,slew=2.5	65.53 353	P	P	01 48 32.2 -1.3
SADO	Sadowa comp=Z,10um,19.0s	65.53 353	IAMs_20	IAMs_20	02 19 15.1
G65A	Princeton baz=183,SNR=27	65.55 2 P	P	P	01 48 34.1 +0.6
G65A	Princeton comp=Z,327nm,1.6s	65.55 2 Iamb	Iamb	Iamb	01 48 37.8
G65A	comp=Z,12um,22.0s	65.56 1 P	IAMs_20	IAMs_20	02 15 48.9
G64A	Maxfield baz=182,SNR=21	65.56 1 P	P	P	01 48 34.6 +0.9
PKME	Peas-Kenny Pk baz=181,SNR=20	65.56 1 P	P	P	01 48 34.6 +0.9
PKME	Peas-Kenny Pk comp=Z,382nm,1.6s	65.56 1 Iamb	Iamb	Iamb	01 48 37.9
PKME	comp=Z,12um,21.0s	65.57 349	IAMs_20	IAMs_20	02 16 24.9
I47A	Gladwin baz=166,SNR=11	65.57 349	P	P	01 48 32.4 -1.4
I47A	Gladwin comp=Z,528nm,1.9s	65.57 349	Iamb	Iamb	01 48 35.0
I47A	comp=Z,9um,22.0s	65.58 359	IAMs_20	IAMs_20	02 17 40.0
G61A	St-Isidore-de- baz=159,SNR=35	65.58 359	P	P	01 48 35.3 +1.5
I48A	Sherman Twp baz=167,SNR=11	65.60 350	P	P	01 48 32.6 -1.3
PLVO	Plevna comp=Z,12um,19.0s	65.60 355	IAMs_20	IAMs_20	02 19 29.0
SCIA	State Center baz=157,SNR=27	65.65 342	P	P	01 48 33.6 -0.7
I46A	Reed City baz=165,SNR=11	65.67 348	P	P	01 48 32.9 -1.5
T25A	Trinidad baz=145,SNR=37	65.72 331	P	P	01 48 35.5 +0.3
JFWS	Jewell Farm comp=Z,585nm,1.7s	65.77 344	P	P	01 48 32.9 -2.2
JFWS	Jewell Farm comp=Z,8um,18.0s	65.77 344	MLR	MLR	01 48 34.3 -0.8
JFWS	Jewell Farm baz=160,SNR=18	65.77 344	P	P	01 48 32.9 -2.2
JFWS	Jewell Farm comp=Z,8um,18.0s	65.77 344	IAMs_20	IAMs_20	02 21 27.9
G55A	Calabogie baz=174,SNR=33	65.78 355	P	P	01 48 35.4 +0.3
G53A	Halarton baz=172,SNR=57	65.83 354	P	P	01 48 35.4 0.0
I45A	Fountain baz=164	65.92 348	P	P	01 48 34.5 -1.5
I45A	Fountain comp=Z,12um,19.0s	65.92 348	IAMs_20	IAMs_20	02 21 04.0
F63A	Nahmakkanta, Br baz=182,SNR=21	66.00 1 P	P	P	01 48 36.5 0.0
F63A	Nahmakkanta, Br comp=				

GLA	Glamis	68.09	321	P	P	01 48 51.2	+1.1
NVL	N Lazarevskaya	68.20	159	JiP	P	01 48 50.6	+0.4
NVL				e	S	01 51 26.7	
NVL				eSSS	S	01 57 46.0	-3.3
NVL				pmax	pmax	02 05 23.4	
NVL	comp=Z,83nm,0.9s			MLR	MLR		
D48A	Paudash Townsh	68.23	352	P	P	01 48 49.7	-1.0
D46A	Sault St. Mari	68.28	350	P	P	01 48 50.1	-0.9
D47A	Chapleau	68.30	351	P	P	01 48 50.4	-0.7
E43A	Lone Tree Farm	68.31	348	IAMS_20	IAMS_20	02 22 25.5	
E44A	Grand Marais A	68.34	349	P	P	01 48 50.9	-0.5
E44A	Grand Marais A	68.34	349	IAMB	IAMB	01 48 50.9	
E44A	comp=Z,392nm,1.8s			IAMS_20	IAMS_20	02 20 23.3	
ECSDD	EROS Data Cent	68.35	340	P	P	01 48 51.0	-0.5
ECSDD	EROS Data Cent	68.35	340	IAMB	IAMB	01 48 54.5	
Y12C	Blythe	68.40	322	P	P	01 48 53.4	+1.4
Y12C	Blythe	68.40	322	IAMB	IAMB	01 48 56.2	
ISCO	Idaho Springs	68.44	332	P	P	01 48 53.1	+0.6
PV01	Paradox Valley	68.49	329	P	P	01 48 52.6	-0.1
PV01	Comp=Z,6um,19.0s			IAMS_20	IAMS_20	02 21 01.4	
COWI	Conover	68.50	346	IAMB	IAMB	01 48 54.3	
COWI	comp=Z,7um,21.0s			IAMS_20	IAMS_20	02 20 54.4	
IKP	In-Ko-Pa	68.57	320	P	P	01 48 54.8	+1.6
PDMCI	Parker Dam,Lak	68.58	322	P	P	01 48 54.3	+1.2
SPMM	Marine on St.	68.59	343	P	P	01 48 51.9	-1.0
SWSC	Sam W. Stewart	68.59	320	P	P	01 48 54.8	+1.6
PV15	Paradox Valley	68.61	329	IAMB	IAMB	01 48 57.3	
PV15	comp=Z,305nm,1.4s			IAMS_20	IAMS_20	02 21 16.6	
PV02	Paradox Valley	68.63	328	IAMB	IAMB	01 48 57.2	
VLD0	Val d'Or	68.68	355	IAMB	IAMB	01 48 57.0	
PV05	Paradox Valley	68.71	328	IAMS_20	IAMS_20	02 21 25.9	
PV02	Paradox Valley	68.72	328	IAMS_20	IAMS_20	02 23 26.5	
PV13	Saucer Basin,	68.75	328	IAMS_20	IAMS_20	02 22 19.2	
PV04	Paradox Valley	68.86	328	IAMS_20	IAMS_20	02 21 11.1	
BC3	Big Chuckawall	68.88	321	P	P	01 48 56.3	+1.2
PV14	Lion Creek, Pa	68.90	328	IAMB	IAMB	01 48 58.7	
PV14	comp=Z,377nm,1.9s			IAMS_20	IAMS_20	02 21 01.2	
PV10	Paradox Valley	68.91	328	IAMS_20	IAMS_20	02 16 48.7	
PV22	Blue Mesa, Par	68.91	329	IAMB	IAMB	01 48 58.9	
PV22	comp=Z,6um,20.0s			IAMS_20	IAMS_20	02 21 23.6	
MONP	Monument Peak	68.93	320	P	P	01 48 57.4	+1.8
BAR	Barrett	68.94	319	P	P	01 48 56.0	+0.5
BAR	comp=Z,402nm,1.0s			IAMB	IAMB	01 48 59.3	
W13A	Hualapai Mounts	69.01	323	IAMB	IAMB	01 49 00.3	
PV21	Cone Mtn., Par	69.02	329	IAMS_20	IAMS_20	02 21 15.5	
IRM	Iron Mountain	69.06	321	P	P	01 48 57.9	+1.8
U15A	North Rim	69.10	325	IAMB	IAMB	01 49 01.0	
U15A	comp=Z,613nm,2.0s			IAMS_20	IAMS_20	02 16 11.4	
NEE2	Needles Airpor	69.19	322	P	P	01 48 57.4	+0.5
D41A	Chassel	69.29	347	IAMS_20	IAMS_20	02 19 10.2	
109C	Camp Elliot, M	69.34	319	P	P	01 48 58.1	+0.2
BELC	Belle Mtn. Jos	69.45	321	P	P	01 48 59.8	+1.1
XPFO	Pion Flat	69.45	320	P	P	01 48 58.5	-0.2
XPFO	comp=Z,279nm,1.8s			IAMB	IAMB	01 49 02.8	
PFO	Pinyon Flats O	69.45	320	P	P	01 48 58.5	-0.2
PFO	comp=Z,279nm,1.8s			pmax	pmax		
PFO	Pinyon Flats O	69.45	320	P	P	01 49 00.1	+1.4
PFO	Pinyon Flats O	69.45	320	P	P	01 48 58.5	-0.2
PFO	comp=Z,279nm,1.8s			IAMB	IAMB	01 49 02.8	
N23A	Red Feather La	69.47	332	P	P	01 48 59.3	+0.5
E38A	The Farm, Brul	69.55	345	IAMB	IAMB	01 49 00.5	
E38A	comp=Z,237nm,1.6s			IAMS_20	IAMS_20	02 21 01.0	
QSPA	South Pole Qui	69.58	180	P	P	01 48 59.6	+0.5
QSPA	comp=Z,19.0s,8s,ba			IAMS_20	IAMS_20	02 19 02.9	
QSPA	South Pole Qui	69.58	180	P	P	01 48 59.6	+0.5
QSPA	comp=Z,204nm,1.1s			IAMB	IAMB	01 49 02.9	
PHWY	Pilot Hill	69.60	333	IAMB	IAMB	01 49 02.8	
LIC	Lamto	69.61	75	eP	P	01 48 59.7	-0.2
SUSD	Miller	69.76	339	P	P	01 48 59.5	-0.7
TIC	Toumudi	69.79	74	eP	P	01 49 01.0	-0.1
GMRC	Granite Mounta	69.80	322	P	P	01 49 02.3	+1.4
MURC	Murrieta	69.89	320	P	P	01 49 03.0	+1.7
K02A	White River C1	69.91	330	P	P	01 49 01.9	+0.5
O20A	Kosan Boka	69.92	75	eP	P	01 49 01.7	-0.2
DBIC	Dimbokro	69.95	74	P	P	01 49 01.2	-0.8
DBIC	comp=Z,75nm,0.9s,ba			LR	LR	02 18 36.5	
DBIC	Dimbokro	69.95	74	P	P	01 49 01.1	-0.9
DBIC	comp=Z,185nm,1.2s			pmax	pmax		
DBIC	Dimbokro	69.95	74	P	P	01 49 01.1	-0.9
DBIC	comp=Z,184nm,1.2s			IAMB	IAMB	01 49 05.6	
BBRO	Big Bear Solar	70.18	320	P	P	01 49 04.4	+1.1
HEC	Hector,Ludlow	70.22	321	P	P	01 49 04.9	+1.5
SC12	San Clemente I	70.30	318	P	P	01 49 05.0	+1.2
MAT0	Matagami	70.33	355	P	P	01 49 03.0	-0.6
TUQ	Turquoise Moun	70.41	322	P	P	01 49 05.7	+1.1
CIS	Catalina Islan	70.50	319	P	P	01 49 06.3	+1.3
DRLN	Deer Lake	70.51	9	IAMB	IAMB	01 49 15.7	
DRLN	comp=Z,277nm,1.1s			IAMS_20	IAMS_20	02 25 23.5	
BFSO	Mount Baldy Ra	70.61	320	P	P	01 49 06.8	+1.0

FMP	Fort Macarthur	70.63	319	P	P	01 49 06.5	+0.7
RRX	Edison Barstow	70.65	321	P	P	01 49 07.5	+1.6
RWWY	Ravens	70.68	332	IAMB	IAMB	01 49 09.7	
TMUT	Trail Mountain	70.69	328	P	P	01 49 06.4	0.0
EYMN	Ely	70.78	345	P	P	01 49 05.6	-0.9
EYMN	Ely	70.78	345	IAMB	IAMB	01 49 07.9	
EYMN	Ely	70.78	345	IAMS_20	IAMS_20	02 21 23.7	
GSC	Goldstone, Ba	70.83	321	P	P	01 49 08.3	+1.2
GSC	Goldstone, Ba	70.83	321	IAMB	IAMB	02 19 11.3	
MWC	Mount Wilson	70.84	320	P	P	01 49 08.6	+1.3
MWC	comp=Z,484nm,1.8s			pmax	pmax		
MWC	Mount Wilson	70.84	320	P	P	01 49 08.6	+1.3
MWC	comp=Z,3um,19.0s			IAMB	IAMB	01 49 11.2	
RDMU	Red Mountain	70.88	329	P	P	01 49 06.9	-0.5
SHOC	Shoshone, Teco	70.94	322	P	P	01 49 08.8	+1.1
DECC	Green Verdugo	71.02	320	P	P	01 49 09.4	+1.2
SNCC	San Nicolas Is	71.08	318	P	P	01 49 10.0	+1.4
ROSA	Rosais	71.09	34	eP	P	01 49 10.7	+2.2
ROSA	Rosais	71.09	34	eLR	LR	02 12 25.7	
ROSA	Rosais	71.09	34	IAMS_20	IAMS_20	02 18 23.0	
K22A	Casper	71.16	333	P	P	01 49 09.8	+0.7
K22A	Casper	71.16	333	IAMB	IAMB	01 49 12.3	
EDW2	Edwards Air Fo	71.25	320	P	P	01 49 11.0	+1.4
MACI	Morro de la Ar	71.29	49	P	P	01 49 12.3	+2.2
MACI	comp=Z,302nm,1.3s			IAMB	IAMB	01 49 24.1	
RSSD	Black Hills	71.35	335	P	P	01 49 10.0	-0.2
RSSD	comp=Z,447nm,2.0s			pmax	pmax		
RSSD	Black Hills	71.35	335	P	P	01 49 11.0	+0.8
RSSD	Black Hills	71.35	335	P	P	01 49 10.0	-0.2
BLG	Laguna Peak, P	71.37	319	P	P	01 49 11.8	+1.4
SRBC	Serra Branca	71.43	34	eP	P	01 49 11.6	+1.1
PGRA	Graciosa	71.45	34	eLR	LR	02 12 30.4	
PGRA	Graciosa	71.45	34	eLR	LR	02 12 30.4	
LRMC	Laurel Mtn Rad	71.47	321	P	P	01 49 12.2	+1.2
PSUT	Pine Spring	71.49	325	P	P	01 49 11.4	+0.2
OSI	Osito Audit: C	71.50	320	P	P	01 49 12.1	+1.0
D32A	Dogwood Acres,	71.53	341	IAMB	IAMB	01 49 13.7	
D32A	comp=Z,214nm,1.3s			IAMS_20	IAMS_20	02 25 29.3	
PSMN	Pico do Norte,	71.56	37	eLR	P	01 49 12.2	+0.8
PSMN	Pico do Norte,	71.56	37	eLR	P	01 49 12.2	+0.8
SCZ2	Santa Cruz Isl	71.65	319	P	P	01 49 13.4	+1.4
TPNV	Topopah Spring	71.67	323	P	P	01 49 14.0	+1.8
FURC	Furnace Creek,	71.68	322	P	P	01 49 13.7	+1.7
MPMC	Manual Prosep	71.75	321	P	P	01 49 13.9	+1.1
MPMC	Manual Prosep	71.75	321	P	P	01 49 13.9	+1.1
PSET	Sete Cidades	71.78	36	eP	P	01 49 10.7	-2.0
PSET	Sete Cidades	71.78	36	eLR	LR	02 12 35.2	
CMLA	Cha da Macela	71.85	36	eP	P	01 49 14.0	+0.9
CMLA	Cha da Macela	71.85	36	eLR	LR	02 12 06.5	
CMLA	Cha da Macela	71.85	36	IAMS_20	IAMS_20	02 16 59.4	
ARVC	Arvin	71.92	320	P	P	01 49 15.2	+1.6
SBC	Santa Barbara	71.99	319	P	P	01 49 14.9	+0.9
BART	Pico Bartolome	72.06	36	eP	P	01 49 15.2	+0.8
ISA	Isabel	72.06	321	P	P	01 49 15.8	+1.2
ISA	Isabela, Lake	72.06	321	IAMB	IAMB	01 49 18.6	
DUG	Dugway, Tooele	72.18	327	P	P	01 49 16.0	+0.8
DUG	Dugway, Tooele	72.18	327	IAMB	IAMB	01 49 19.1	
E28A	Huff	72.22	339	IAMS_20	IAMS_20	02 25 19.3	
AGMN	Agassiz Nation	72.25	343	P	P	01 49 14.5	-0.7
AGMN	Agassiz Nation	72.25	343	IAMB	IAMB	01 49 16.9	
AGMN	Agassiz Nation	72.25	343	IAMB	IAMB	01 49 16.9	
AGMN	comp=Z,495nm,1.9s			IAMS_20	IAMS_20	02 25 17.3	
R11A	Troy Canyon, C	72.29	32				

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KIS, ARCES, MCGM, MNK, KEV, AKASG, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KIV, NEY, KBZ, RAYN, RAYN, RAYN, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like YAK, YAK, YAK, YAK, YAK, etc.

2014 APR

4d 1h			KASA			KASSIOP			VAMOS			
Station	Time	Power	Station	Time	Power	Station	Time	Power	Station	Time	Power	
LXRI1			KASA	01 59 38.7	-0.2	KASSIOP	02 00 04.7	+0.3	VAMOS	4.15	131	P
AGT1	0.07	21	ITM	01 59 37.3	+0.1	ITM	02 00 03.8	-0.6	THAS	4.16	53	P
AGT1			ITM	01 59 39.1	+0.1	ITM	02 00 41.0		NVR	4.16	39	P
KEF4	0.10	37	ITM	01 59 37.5	0.0	ITM	02 00 46.9		IOSE	4.19	109	P
KEF4			ITM	01 59 39.4	0.0	ITM	02 00 03.8	-0.6	IOSE	4.26	104	P
ARGA	0.10	93	ITM	01 59 39.2	-0.3	ITM	02 00 05.5	-0.5	IOSE	4.26	104	P
ARGA			ITM	01 59 37.6	0.0	ITM	02 00 38.4		BUM	4.26	345	P
ARG2	0.11	99	ITM	01 59 39.6	-0.1	ITM	02 00 38.9		BUM	4.29	309	P
ARG2			ITM	01 59 37.7	+0.1	ITM	02 00 06.8	+0.4	PDG	4.33	349	ePn
KEF2	0.13	45	ITM	01 59 38.0	-0.3	ITM	02 00 05.4	+0.5	PDG	4.33	349	ePn
KEF2			ITM	01 59 40.1	-0.2	ITM	02 00 36.7		PDG	4.33	349	ePn
KEF1	0.19	91	ITM	01 59 38.7	-0.2	ITM	02 00 37.2		PDG	4.33	349	ePn
KEF1			ITM	01 59 41.5	-0.2	ITM	02 00 07.5	-0.8	PDG	4.33	349	ePn
VLS	0.19	91	ITM	01 59 38.8	-0.2	ITM	02 00 07.5	-0.8	PDG	4.33	349	ePn
VLS			ITM	01 59 41.3	-0.4	ITM	02 00 37.1	+0.1	PDG	4.33	349	ePn
VLS			ITM	01 59 41.7		ITM	02 00 05.0		PDG	4.33	349	ePn
VLS			ITM	01 59 41.8		ITM	02 00 05.0		PDG	4.33	349	ePn
VLS			ITM	01 59 40.6	0.0	ITM	02 00 05.0		PDG	4.33	349	ePn
VSK1	0.28	36	ITM	01 59 45.1	+0.6	ITM	02 00 40.6		PDG	4.33	349	ePn
VSK1			ITM	01 59 40.8	-0.1	ITM	02 00 07.8	-0.9	PDG	4.33	349	ePn
VSK1			ITM	01 59 45.0	+0.1	ITM	02 00 08.1	+0.2	PDG	4.33	349	ePn
VSK1			ITM	01 59 45.7		ITM	02 00 49.9		PDG	4.33	349	ePn
VSK1			ITM	01 59 45.8		ITM	02 00 49.9		PDG	4.33	349	ePn
VSK1			ITM	01 59 41.2	-0.1	ITM	02 00 49.9		PDG	4.33	349	ePn
VSK1			ITM	01 59 46.3	+0.6	ITM	02 00 49.9		PDG	4.33	349	ePn
VSK1			ITM	01 59 41.3	-0.1	ITM	02 00 42.4		PDG	4.33	349	ePn
VSK1			ITM	01 59 45.7	0.0	ITM	02 00 42.4		PDG	4.33	349	ePn
VSK1			ITM	01 59 46.7		ITM	02 00 47.4		PDG	4.33	349	ePn
VSK1			ITM	01 59 41.6	-0.2	ITM	02 00 40.6		PDG	4.33	349	ePn
VSK1			ITM	01 59 47.9	-0.8	ITM	02 00 40.6		PDG	4.33	349	ePn
VSK1			ITM	01 59 41.7	-0.2	ITM	02 00 10.6	-0.9	PDG	4.33	349	ePn
VSK1			ITM	01 59 46.6	0.0	ITM	02 00 50.9		PDG	4.33	349	ePn
VSK1			ITM	01 59 49.5		ITM	02 00 53.2		PDG	4.33	349	ePn
VSK1			ITM	01 59 52.6		ITM	02 00 53.2		PDG	4.33	349	ePn
VSK1			ITM	01 59 44.3	-0.3	ITM	02 00 11.3	-1.1	PDG	4.33	349	ePn
VSK1			ITM	01 59 44.8	-0.2	ITM	02 00 11.4	-1.2	PDG	4.33	349	ePn
VSK1			ITM	01 59 55.3		ITM	02 00 13.0	0.0	PDG	4.33	349	ePn
VSK1			ITM	01 59 54.6	-0.9	ITM	02 00 50.6		PDG	4.33	349	ePn
VSK1			ITM	01 59 55.3		ITM	02 00 50.6		PDG	4.33	349	ePn
VSK1			ITM	01 59 55.5		ITM	02 00 12.3	-1.0	PDG	4.33	349	ePn
VSK1			ITM	01 59 46.3	+0.1	ITM	02 00 12.2	-1.3	PDG	4.33	349	ePn
VSK1			ITM	01 59 55.9	+0.5	ITM	02 00 50.4		PDG	4.33	349	ePn
VSK1			ITM	01 59 57.3	+0.4	ITM	02 00 56.1		PDG	4.33	349	ePn
VSK1			ITM	01 59 46.9	-0.6	ITM	02 00 13.2	-1.1	PDG	4.33	349	ePn
VSK1			ITM	01 59 57.6	+0.2	ITM	02 00 56.1		PDG	4.33	349	ePn
VSK1			ITM	01 59 47.7	-0.4	ITM	02 00 57.7		PDG	4.33	349	ePn
VSK1			ITM	01 59 57.8	-0.5	ITM	02 00 15.4	-1.0	PDG	4.33	349	ePn
VSK1			ITM	01 59 48.3	-0.3	ITM	02 00 58.1		PDG	4.33	349	ePn
VSK1			ITM	01 59 57.9	0.0	ITM	02 01 02.9		PDG	4.33	349	ePn
VSK1			ITM	01 59 51.1	-0.9	ITM	02 01 02.9		PDG	4.33	349	ePn
VSK1			ITM	02 00 03.3	-0.3	ITM	02 01 02.9		PDG	4.33	349	ePn
VSK1			ITM	01 59 51.1	-0.9	ITM	02 01 05.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 03.5	-0.1	ITM	02 01 05.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 13.4		ITM	02 01 05.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 15.6		ITM	02 01 05.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 54.0	-0.5	ITM	02 00 17.5	+1.8	PDG	4.33	349	ePn
VSK1			ITM	02 00 07.8	-0.1	ITM	02 01 03.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 54.0	-0.5	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 16.4		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 18.4		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 54.7	-1.2	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 17.9		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 19.0		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 56.4	0.0	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 57.3	-0.9	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 24.9		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 27.6		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 57.8	-0.6	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 14.4	-0.3	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 58.2	-0.2	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 21.9		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 23.7		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 58.1	-0.7	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 34.6		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 38.9		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 59.5	-0.3	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 23.6		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 24.8		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 01.3	+0.5	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 19.9	+1.6	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 59.8	-0.3	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 16.4	-1.0	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 59.9	-0.3	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 26.1		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 29.3		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 59.1	-0.8	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 17.6	-0.3	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 59.2	-0.6	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 28.3		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 59.2	-0.6	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 28.3		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 59.0	-0.8	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 25.1		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 25.8		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	01 59 59.2	-0.6	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 00.1	-0.6	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 30.4		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 32.1		ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02 00 03.7	-0.4	ITM	02 01 06.8		PDG	4.33	349	ePn
VSK1			ITM	02								

Table with columns: STAL, STALIGIAL, 9.86 327, Pn, 02 01 56.0 -0.5, 02 01 54.6 -2.1, UCH, Uchter, 3.02 323, 0/P, Pn, 02 01 05.7 +1.9, etc.

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

Table with columns: UCH, Uchter, 3.02 323, 0/P, Pn, 02 01 05.7 +1.9, etc.

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

Table with columns: YKA, Yellowknife Ar, 81.58 5 P, P, 02 13 28.3 +0.2, etc.

IDC 04 02:22:07.6: 1.6, 19:07S-71:94W, h0km, mb3.5/3, mb1 3.74, mb1mx3.5/38, mbtmp3.6/4, ML3.4/1, Error ellipse: s-maj=61.8km s-min=29.2km az=111.0

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

NEIC 04 02:23:47.3: 1.2, 35:90N-101:97W, h2km, 7km, Error ellipse: s-maj=2.8km s-min=1.5km az=53.0

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like PB16, PB05, PB06, LVC, LPAZ, etc.

ICD 04 03:18:35.5:0.6,20.53S:70.67W, h0km, mb4.1/1.2, mb1 4.3/17, mb1mx4.3/27, mbtmp4.2/17, ML4.1/5, Error ellipse: s-maj=20.6km s-min=12.0km az=57.0

NEIC 04 03:18:37.9:1.9,20.66S:0.04:70.73W:0.06, h16km,2km, mb4.7/45, Mw4.4/36, ML4.5(GUC), Error ellipse: s-maj=8.9km s-min=5.0km az=72.0

NEIC 04 03:18:37.9:20.65S:70.73W, h19km, Moment Tensor Solution, Moment tensor: Scale 10^15Nm, M2:62, Mw=0.03, Ms=2.59, Ms=0.61, Mw=0.30, Ms=0.90, Fault plane solution: 1.615,60000, 1.615,95000, NP2:184,73000, 0.763,30000, 1.97,46000, Principal axes: T 5.6712, P158,000, Azm105,0000, N -0.1309, Plg7,0000, Azm3,0000, P -5.5404, Plg31,0000, Azm269,0000

VAO 04 03:18:39.2:0.5,20.59S:70.72W, h27km,2km, mb4.7 GUC 04 03:18:39.0:0.6,20.61S:70.67W, h29km,2km, ML4.5 ISC 04 03:18:37.0:1.7,20.69S:0.02:70.68W:0.04, h16km,4km, n141, s180/142, mb4.5/26, 10C-5D, Near coast of northern Chile

Main table of station data for the left column, including station names like TA01, PB02, PB01, etc., and their respective parameters.

Main table of station data for the middle column, including station names like NNA, ROC1, CPUP, etc., and their respective parameters.

Table of station data for the right column, including station names like SONM, CD2, etc., and their respective parameters.

ISC 04 03:19:40.8:1.4,20.65S:0.2:70.9W:0.2, h35km, n7, o574/6, mb4.3/3, Near coast of northern Chile

SOME 04 03:29:48.2:43.77N-83.95E, h5km NNC 04 03:29:51.9:1.8,43.90N-83.75E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=15.3km s-min=5.6km az=127.0

ISC 04 03:29:52.1:2.2,43.63N:0.1:84.0E:0.1, h10km, n16, s211/20, 2C-4D, Northern Xinjiang

Main table of station data for the right column, including station names like KTMS, KAPL, etc., and their respective parameters.

NEIC 04 03:45:26.0:2.1,20.63S:0.04:70.81W:0.06, h14km,5km, mb4.2/5, ML4.2(GUC), Error ellipse: s-maj=8.9km s-min=3.7km az=60.0

GUC 04 03:45:25.9:0.6,20.55S:70.89W, h42km,1km, ML4.2 ICD 04 03:45:26.1:1.0,20.46S:70.56W, h0km, mb3.8/7, mb1 4.1/11, mb1mx3.9/24, mbtmp3.9/11, ML3.9/4, Error ellipse: s-maj=25.9km s-min=13.8km az=57.0

VAO 04 03:45:35.2:0.8,20.69S:70.24W, h91km,6km, mb4.1 ISC 04 03:45:26.7:1.6,20.61S:0.03:70.75W:0.05, h17km,9km, n77, s187/80, mb4.0/6, 5C-1D, Near coast of northern Chile

Main table of station data for the right column, including station names like TA01, PB02, etc., and their respective parameters.

comp=E,0.8nm,0.6s,baz=17,slow=9.0,SNR=5.0
YKA Yellowknife Ar 88.43 341 P P 04 11 10.7 +0.2
 comp=E,1.0nm,0.8s,baz=136,slow=5.2,SNR=17
H1S2 WAKE ISLAND Hy25.77 279 T T 06 36 26.3
 baz=100,slow=74,SNR=4.6
H1S1 WAKE ISLAND Hy25.78 279 T T 06 36 26.0
 baz=100,slow=74,SNR=4.6
H1S3 WAKE ISLAND Hy25.79 279 T T 06 36 27.4
 baz=100,slow=74,SNR=4.6
H1N3 WAKE ISLAND Hy25.80 281 T T 06 36 28.6
 baz=100,slow=74
H1N2 WAKE ISLAND Hy25.81 281 T T 06 36 31.5
 baz=100,slow=74
H1N1 WAKE ISLAND Hy25.82 281 T T 06 36 31.5
 baz=100,slow=74
MKAR Makanchi Array 144.75 33 PKP PKPdf 04 17 54.8 -0.9
 comp=E,0.5nm,0.7s,baz=319,slow=3.5,SNR=4.6

IDC 04-04-04:52.0t.1.3.38N.122.47W,h0km,mb2.9/1,
mb1 3.3/6,mb1mx3.2/59,mbmp3.0/6,ML3.3/5,Error
ellipse: s-maj=18.6km s-min=10.4km az=43.0
IASPEI 04-04-04:54.3t.0.9.38N.122.21W,0.02,h16km,6km,
Error ellipse: s-maj=3.4km s-min=2.4km az=74.7,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
time series, <Seism. Res. Let.>, <80></>, 465-472,
2009

NCEDC 04-04-04:55.0t.1.3.38N.122.25W,0.06,h8km,6km,
ML3.3/5,Error ellipse: s-maj=6.3km s-min=5.7km az=78.0
NEIC 04-04-04:55.1t.3.38N.122.29W,0.06,h17km,5km,
Error ellipse: s-maj=7.6km s-min=3.3km az=64.0
NEIC 04-04-04:55.38t.45N.122.25W,h8km,Moment Tensor
Solution. Moment tensor: Scale 10¹⁴Nm; Mrr:0.91;
Mtt:1.58; Mtt:2.49; Mtt:0.92; Mtt:2.28; Mtt:1.22; Fault
plane solution: 163.510000°/14°/1.3650000°
δ62.05000°,λ-14.20000°. NP2:δ63.02000°,δ76.85000°,
λ-151.23000°. Principal axes: T 3.6430, P1g10.0000°,
Azm292.0000°; N -0.2836, P1g59.0000°, Azm186.0000°;
P -3.3594, P1g29.0000°, Azm28.0000°

ISC 04-04-04:55.0t.0.9.38N.122.23W,0.02,h10km,6km,
n242.1803/241,Northern California

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
NAPC	Atlas Peak	0.22	244	Pg	04 04 57.2 +0.3	
NGVM		0.17	176	Pg	04 04 58.6 0.0	
NGVM		0.04	05.6 +0.4	Sg		
NADM	Allendale	0.20	87	Pb	04 04 59.0 -0.3	
CVS	Carment Viney	0.21	240	Pg	04 04 59.3 0.0	
CVS		0.05	02.5 +0.2	Sg		
NBPM	Berryessa Peak	0.22	7	Pg	04 05 00.5 -0.6	
NSHM	Saint Helena R	0.30	214	Pg	04 05 01.1 0.0	
SNT	Bears Point	0.32	214	Pg	04 05 01.9 -0.1	
NLHM	Lake Herman	0.33	169	Sb	04 05 01.9 +0.2	
NLHM		0.05	07.2 -1.3	Sb		
NTYM	Taylor	0.34	260	Pg	04 05 01.9 +0.1	
NHSM	Mount Saint He	0.37	305	Pg	04 05 02.1 -0.2	
NMTM	Midtown	0.40	335	Pg	04 05 03.0 +0.2	
MAC	Mark West Moun	0.40	285	Pg	04 05 03.9 -0.1	
NDHM	Dunnigan Hills	0.40	38	Pb	04 05 05.2 +1.0	
CPIM	Pinole Ridge	0.46	179	Pb	04 05 04.7 -0.5	
MNRC	McLaughlin Min	0.46	339	Pg	04 05 04.5 +0.5	
CSPM	San Pablo Ridge	0.49	187	Pg	04 05 05.3 -0.4	
GCRM	Castle Rock Sp	0.50	311	Pg	04 05 04.5 -0.3	
GBGM	Boggs Mountain	0.51	316	Pg	04 05 05.0 +0.1	
CPMM	Point Molate	0.52	196	Pg	04 05 05.2 +0.1	
BRIB	Briones	0.53	173	Pb	04 05 05.9 -0.5	
RFSB	Richmond Field	0.54	189	Pg	04 05 05.7 +0.3	
nmCNC	Mill Creek, So	0.55	185	Pg	04 05 05.6 -0.1	
CSGM	Seigler Mounta	0.56	283	Pg	04 05 06.3 +0.4	
CVPM	Vollmer Peak	0.58	179	Pb	04 05 06.1 -0.5	
BL88	Building 88, L	0.57	182	Pg	04 05 06.6 -0.5	
GDXM	Geysers	0.57	309	Pg	04 05 05.9 -0.2	
VAK	Adit at Lawren	0.57	182	Pb	04 05 06.5 -0.5	
BDM	Black Diamond	0.57	150	Pb	04 05 06.7 -0.4	
JKS	Berkley-Eyer	0.57	180	Pb	04 05 06.3 -0.1	
BL67	Building 67, L	0.57	182	Pb	04 05 06.6 -0.5	
BRK	Berkley-Havi	0.57	182	Pb	04 05 06.5 +0.3	
CRPB	Russellman Par	0.59	154	Pg	04 05 06.1 -0.4	
MCCM	Marconi Confer	0.59	240	Pg	04 05 05.9 -0.6	
GRTM	Round Top Moun	0.60	325	Pg	04 05 06.7 +0.1	
NQLM	Olema	0.60	328	Pb	04 05 07.1 -0.1	
SMCB	Saint Mary's C	0.62	171	Pg	04 05 07.4 -0.4	
CRHM	Round Hill Res	0.62	162	Pg	04 05 07.5 -0.4	
GKWM	Walker Ridge	0.64	341	Pg	04 05 07.7 +0.4	
CYBM	Yerba Buena Is	0.64	189	Pg	04 05 07.5 +0.0	
GCBC	Golindring Road	0.65	176	Pg	04 05 07.5 -0.5	
GACM	Adobe Creek	0.65	311	Pg	04 05 07.5 -0.1	
GSSM	Skaggs Springs	0.66	293	Pg	04 05 07.7 -0.2	
CMMC	Millis College	0.67	176	Pg	04 05 08.1 +0.2	
JPRM	Presidio of Sa	0.68	197	Pg	04 05 08.2 +0.1	
GPMM	Pine Mountain	0.69	309	Pg	04 05 08.3 -0.1	
CGVM	Cloverleaf	0.70	198	Pg	04 05 09.3 -0.2	
CMOB	Morgan Territo	0.72	152	Pg	04 05 08.5 -0.4	
CLCB	Lake Chabot	0.72	170	Pg	04 05 09.1 +0.2	
GBMM	Baldy Mountain	0.72	343	Pg	04 05 09.3 +0.3	
CSLM	San Leandro Hi	0.73	173	Pg	04 05 09.1 +0.1	
FTR	Fort Ross	0.73	276	Pg	04 05 09.1 -0.1	
JKS	Lakeshore Driv	0.75	186	Pb	04 05 09.1 -0.1	
NPRM	Point Reyes	0.77	234	Pg	04 05 09.5 -0.2	
CBSCN	Byron Hot Spri	0.78	143	Pg	04 05 10.0 -0.1	
GDCM	Dry Creek	0.85	292	Pg	04 05 11.1 -0.4	
SUTB	Sutter Butte	0.85	24	Pg	04 05 09.8 -1.7	
CHLM	Highland Sprin	0.85	114	Pg	04 05 11.0 -0.2	
HOPS	Hopland Field	0.85	310	Pg	04 05 11.2 -0.3	
JCPM	Coyote Point	0.86	185	Pg	04 05 11.3 -0.3	
CNIC	Niles Canyon	0.86	166	Pg	04 05 11.5 -0.1	
OSUM	Sutter Buttes	0.87	20	Pg	04 05 10.5 -1.3	
SAC	San Andreas	0.88	190	Pg	04 05 11.5 -0.4	
CYLM	Vallejito	0.88	159	Pg	04 05 11.9 -0.1	
GFC	Funks Creek	0.88	357	Pg	04 05 11.8 -0.1	
AASM	Arroyo Seco	0.88	91	Pg	04 05 11.0 -1.0	
CYD1	Coyote D'meter	0.89	173	Pg	04 05 11.9 -0.3	
GSNM	Snow Mountain	0.90	303	Pg	04 05 12.0 -0.4	
WENL	Wente Valley	0.95	155	Pg	04 05 12.5 -0.4	
GTSM	Trough Springs	0.91	441	Pg	04 05 12.3 -0.2	
FARB	Farallon Island	0.96	219	Pg	04 05 12.8 -0.7	
CMJM	Mission San Jo	0.97	163	Pg	04 05 13.3 -0.3	
JHPM	Huddart Park	1.00	183	Pg	04 05 13.9 -0.4	
JRSC	Jasper Ridge	1.04	180	Pg	04 05 14.0 -1.1	
JSFB	Stanford Teles	1.07	176	Pb	04 05 14.8 -0.6	
OHCM	Honcut	1.06	33	Pb	04 05 13.1 -2.3	
CMLM	Mount Lewis	1.07	155	Pb	04 05 14.6 -1.1	
GGUM	Gualala	1.07	293	Pg	04 05 14.0 -1.7	
JFP	Foothills Park	1.09	178	Pb	04 05 14.8 -1.1	
JJRM	Joaquin Road	1.10	179	Pb	04 05 15.7 -0.4	
CHLD	Forest Hill D	1.10	163	Pb	04 05 15.7 -1.7	
GCK	Clark Valley	1.11	352	Pb	04 05 14.9 -1.3	
BGH	Bear Gulch	1.11	185	Pb	04 05 15.3 -0.9	
PAM	Palermo	1.14	29	Pb	04 05 14.3 -2.5	
CMMM	Mount Mocho	1.15	149	Pb	04 05 15.4 -1.6	
MNHD	New Hogen Dam	1.15	105	Pb	04 05 14.9 -2.7	
GHHM	Hull Mountain	1.16	33	Pb	04 05 16.3 -1.8	
GHOH	Hamilton Open	1.19	301	Pb	04 05 15.8 -1.8	
MHC	Mount Hamilton	1.20	157	Pb	04 05 16.2 -1.7	
ARN	Arnold Ranch	1.23	153	Pb	04 05 16.6 -1.7	
ORV	Oroville	1.24	27	Pn	04 05 14.5 -3.0	
GRV	Gravelly Hill	1.25	187	Pb	04 05 15.9 -2.7	
GASB	Alder Springs	1.26	343	Pb	04 05 18.1 -0.8	
CCOB	Coe Ranch Numb	1.27	159	Pb	04 05 17.8 -0.9	
ASMM	Slate Mountain	1.27	72	Pn	04 05 17.9 -1.0	
JSTM	Santa Teresa H	1.29	164	Pn	04 05 17.9 -1.1	
JUMM	Mount Umunhum	1.31	168	Pn	04 05 18.3 -1.7	
AMC	Almaden	1.32	187	Pn	04 05 18.7 -2.2	
JBNB	Ben Lomond Mou	1.32	177	Pn	04 05 18.0 -1.6	
GNAM	Navarro Ridge	1.33	305	Pn	04 05 17.8 -1.8	
KRKM	Rackout Spring	1.34	327	Pn	04 05 19.2 -0.6	
JLAB	Laurel Hill	1.35	163	Pn	04 05 18.9 -1.0	
MCUB	Copperopolis B	1.35	111	Pn	04 05 18.1 -1.9	
CADM	Anderson Res.	1.37	159	Pn	04 05 18.0 -1.0	
GVV	Valley View	1.37	345	Pn	04 05 19.4 -0.9	
GTC	Three Chop Rio	1.40	313	Pn	04 05 19.2 -1.5	
JRGM	Rodeo Gulch Rd	1.42	171	Pn	04 05 19.4 -1.6	
JTGM	Trout Gulch Ro	1.45	169	Pn	04 05 20.3 -0.9	
HSPM	Sheep	1.45	157	Pn	04 05 20.1 -1.2	
MGL	Magalia	1.46	21	Pn	04 05 19.8 -1.7	

HPLM	Lions Peak	1.48	161	Pn	04 05 20.9 -0.8	
GHS	Gilroy Hot Spr	1.49	155	Pn	04 05 20.4 -1.4	
GROM	Round Mountain	1.51	347	Pn	04 05 20.7 -1.5	
CMB	Columbia Colle	1.51	105	Pn	04 05 20.7 -1.5	
KFPM	Farley Peak	1.51	322	Pn	04 05 21.0 -1.1	
CCD	Canada Road	1.54	267	Pn	04 05 21.1 -0.7	
JELB	Jellicott Sant	1.55	161	Pn	04 05 21.5 -1.2	
CSR	Chase Ranch	1.57	161	Pn	04 05 21.9 -1.0	
HPCM	Pacheco Lake	1.58	151	Pn	04 05 22.1 -1.0	
SLD	San Luis Dam	1.59	149	Pn	04 05 22.2 -1.0	
HFEM	San Felipe	1.60	156	Pn	04 05 22.0 -1.4	
FRBR	Forest Fire Canyo	1.60	156	Pn	04 05 22.0 -1.4	
PACP	Pacheco Peak	1.62	152	Pn	04 05 22.8 -0.8	
KCPM	Cahto Peak	1.62	330	Pg	04 05 23.4 -0.4	
KBNM	Bluenose Ridge	1.63	333	Pg	04 05 23.7 +0.1	
SFWJR	San Luis Fatjo	1.63	149	Pn	04 05 23.2 -0.5	
OCR	O'Connell Franc	1.63	159	Pn	04 05 22.8 -1.0	
ANZ	Anzar Road	1.64	182	Pn	04 05 23.2 -0.6	
KIPM	Iron Peak	1.67	325	Pg	04 05 27.4 +0.3	
HBTM	San Juan Bauti	1.68	161	Pn	04 05 24.3 -0.2	
HTUM	Tustin Road	1.68	164	Pn	04 05 23.1 -1.3	
HERM	Elkhorn Road	1.70	166	Pn	04 05 23.8 -0.8	
HLTM	Lone Tree Road	1.72	155	Pn	04 05 23.9 -1.2	
HJGM	San Juan Grade	1.73	162	Pn	04 05 23.7 -1.4	
RUBR	Rubicon Trail	1.73	69	Pn	04 05 25.3 -0.1	
DONR	Donner Summit	1.74	58	Pn	04 05 25.6 +0.1	
MOBB	Monterey Bay O	1.75	178	Pn	04 05 24.3 -1.0	
LTCM	Tuscan Springs	1.76	3	Pn	04 05 23.5 -2.0	
TAD	Talnoe	1.76	66	Pn	04 05 23.9 -0.7	
OQDZ	Mt. Diablo Mer	1.78	346	Pn	04 05 24.9 -1.0	
LCMM	Colby Mountain	1.78	18	Pn	04 05 24.8 -1.2	
MYLM	Yosemite Lake	1.78	126	Pn	04 05 24.8 -1.0	
HJSM	John Smith Gra	1.79	155	Pn	04 05 24.8 -1.1	
FRBR	Forest Fire Canyo	1.79	154	Pn	04 05 23.0 -0.7	
SAO	San Andreas Ge	1.79	159	Pn	04 05 24.8 -1.2	
IND	Independence	1.80	157	Pn	04 05 27.2 +0.9	
BSLM	Silva Ranch	1.81	156	Pn	04 05 25.2 -1.0	
BVYM	Vineyard	1.82	159	Pn	04 05 24.9 -1.4	
HMMO	Monterey	1.86	172	Pn	04 05 24.4 -2.5	
BSRM	Salinas Radio	1.87	162	Pn	04 05 24.9 -1.5	
OCGE	Paynes Creek	1.87	10	Pn	04 05 25.0 -2.2	
BQBM	Cleonea Road	1.87	158	Pn	04 05 26.2 -0.9	
BHRM	Hodges Ranch	1.88	156	Pn	04 05 25.9 -1.3	
KBF	Kyburz Flat	1.90	55	Pn	04 05 28.0 +0.4	
MFK	Martis Peak	1.91	63	Pn	04 05 28.9 +1.0	
GNO	Genoa	1.92	75	Pn	04 05 29.0 -0.7	
BPMC	Pine Canyon	1.93	165	Pn	04 05 26.9 -1.0	
BLRM	Lewis Ranch	1.94	157	Pn	04 05 27.2 -0.7	
LBPM	Beegum Ranch	1.9				

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like NNA, CPUP, PTGB, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Y12C, LIC, ISCO, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like PB08, GO01, GO01, etc.

Technical notes and coordinates for stations, including ICD, NEIC, and GUC codes and their corresponding locations.

DDA 04 05:00:00.4, 38.98N-23.46E, h8km, 3km, MW3.5
ATH 04 05:00:02.0, 39.02N-23.39E, h24km, ML3.5/28, Error
ellipse: s-maj=0.6km s-min=0.6km az=350.0

comp=E, 7339um, 0.4s
ATH Athens Observa 1.07 166 P S
ATH Athens Observa 1.07 166 P S

ITM Ithomi 2.16 213 P Pn
ITM Ithomi 2.16 213 PN
EVGI Lefkada island 2.17 260 P Pb

ISK 04 05:00:02.1, 39.05N-23.40E, h12km, ML3.5/7

comp=N, 5535um, 0.5s
ATH 05 00:42.6 AML AML

CHOS Chios island 2.18 106 P Pn
CHOS Chios island 2.18 106 PN

THE 04 05:00:02.6, 39.01N-23.39E, h10km, ML3.5/29, Error
ellipse: s-maj=1.1km s-min=0.3km az=24.0

LOUT Loutraki 1.07 198 P S
LOUT Loutraki 1.07 198 P S

KNT Kendrickon 2.18 350 P Pn
KNT Kendrickon 2.18 350 PN

SOF 04 05:00:04.6, 39.24N-23.66E, h10km, MD3.7

comp=E, 3um, 0.4s
LOUT Loutraki 1.07 198 P S

SMTH Samothraki Isl 2.20 48 P Pn
SMTH Samothraki Isl 2.20 48 PN

BEQ 04 05:00:02.8-0.9, 39.01N-23.54E, h10km, ML3.3/7

comp=N, 1756um, 0.5s
THL 05 00:41.1-0.3 AML AML

NEST Nestorio 2.28 309 P Pn
NEST Nestorio 2.28 309 PN

ISC 04 05:00:02.8-0.9, 39.01N-23.39E, 0.01, h13km, 6km,
n212, 0.78/284, mb3.2/3, 8C-4D, Aegean Sea

comp=N, 920um, 0.4s
SERG Sergoula 1.20 240 P S

VLI Velia 2.32 189 P Pn
VLI Velia 2.32 189 PN

Code Station Name Az Phase ID Time Res

comp=N, 2953um, 0.4s
KALE Kallithea 1.16 238 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

SKIA Skiathos 0.16 22 P S

comp=N, 3688um, 0.6s
THL Klokokos Trika 1.20 298 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

SKIA Skiathos 0.16 22 P S

comp=N, 685nm, 0.5s
THL Klokokos Trika 1.20 298 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

SKIA Skiathos 0.16 22 P S

comp=N, 1756um, 0.5s
THL 05 00:45.7 AML AML

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

SKIA Skiathos 0.16 22 P S

comp=N, 920um, 0.4s
SERG Sergoula 1.20 240 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

NEO Neokhori 0.32 336 P S

comp=N, 2949um, 0.3s
SERG Sergoula 1.20 240 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

NEO Neokhori 0.32 336 P S

comp=N, 3079um, 0.5s
VLY Voula, Athens 1.20 165 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 4666um, 0.6s
VLY Voula, Athens 1.20 165 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 6347um, 0.4s
TRIZ Trizonia 1.22 238 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 2um, 0.6s
TRIZ Trizonia 1.22 238 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 2949um, 0.3s
SERG Sergoula 1.20 240 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 2284um, 0.4s
ANX ANX 05 00:51.3 AML AML

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 2413um, 0.7s
EVR Evrytria 1.23 266 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 530nm, 0.8s
EVR Evrytria 1.23 266 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 820um, 0.6s
KARY Karystos 1.28 140 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 925nm, 0.4s
KARY Karystos 1.28 140 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 1928um, 0.4s
KARY Karystos 1.28 140 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 1892um, 0.3s
LIT Litokhoron 1.29 328 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 3924um, 0.5s
LIT Litokhoron 1.29 328 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 2399um, 0.3s
LIT Litokhoron 1.29 328 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 855nm, 0.6s
EFP Efpalio 1.30 244 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 1300um, 0.4s
LAKA Lakka 1.35 235 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 591um, 0.5s
LAKA Lakka 1.35 235 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 757um, 0.7s
OUR Ouranopolis 1.40 19 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 1um, 0.6s
OUR Ouranopolis 1.40 19 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 1um, 0.6s
OUR Ouranopolis 1.40 19 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 1um, 0.6s
OUR Ouranopolis 1.40 19 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 1um, 0.6s
OUR Ouranopolis 1.40 19 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 1um, 0.6s
OUR Ouranopolis 1.40 19 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 1um, 0.6s
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FNA Florina 2.35 319 P Pn
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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

comp=N, 1um, 0.6s
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MRKA Markates 0.34 153 P S

comp=N, 1um, 0.6s
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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

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MRKA Markates 0.34 153 P S

comp=N, 1um, 0.6s
OUR Ouranopolis 1.40 19 P S

FNA Florina 2.35 319 P Pn
FNA Florina 2.35 319 PN

MRKA Markates 0.34 153 P S

comp=N, 1um, 0.6s
OUR Ouranopolis 1.40 19 P S

FNA Flor

Table with columns: SMTB, JANS, RCBR, OBIP, AGPR, TXAR, TXAR, MIAR, FCAR, MNTX, M57A, SNA, PDAR, NVAR, NVAR, YKA, H1S2, H1S1, H1S3, H1N3, H1N2, H1N1, ASAR, WRA, MKAR, CD2. Includes station names, coordinates, and various parameters.

IDC 04 07:23:46.6.1.3, 201.08S:70:63W, h0km, mb3.7/3, mb1.4/1.5, mb1mx3.7/29, mbtrmp3.9/5, ML4.0/2, MS3.1/2, Ms1.3/2.2, ms1mx2.7/29, Error ellipse: s-maj=34.8km, s-min=17.4km az=66.0

NEIC 04 07:23:52.3.2.8.20: 10S:0.0:2:70:42W.0.0:3, h36km, 10km, mb3.8/3, ML4.0(GUC), Error ellipse: s-maj=5.5km, s-min=1.3km az=55.0

GUC 04 07:23:52.6.0.7.20: 10S:0.0:2:70:37W, h36km, 2km, ML4.0

ISC 04 07:23:48.8.1.2, 20.07S:0.0:2:70:50W.0.05, h13km, 9gkm, n49, r1307/5, SC-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Diego Aracena, Pisagua, Punta Patache, IPOC Station P, Minye Minye, Chuzmiza, Chacalluta, etc.

Table with columns: PB14, GIOV, SIV, RO01, RO06, PLCA, PLCA, BDFB, BDFB, MDP, YKA, MKAR, MKAR, MKAR, SONM. Includes station names, coordinates, and various parameters.

IDC 04 07:25:24.9.1.4, 19:32S:70:86W, h0km, mb3.6/4, mb1.3/9.6, mb1mx3.6/29, mbtrmp3.8/6, ML4.0/1, MS2.9/1, Ms1.2/9.1, ms1mx2.3/27, Error ellipse: s-maj=33.3km, s-min=17.6km az=69.0

NEIC 04 07:25:27.0.2.3.20: 02S:0.0:3:70:88W.0.0, h4.13km, 4km, mb3.9/5, ML4.0(GUC), Error ellipse: s-maj=6.0km, s-min=3.8km az=109.0

GUC 04 07:25:27.1.0.7, 19:38S:70:92W, h22km, 3km, ML4.0

ISC 04 07:25:26.3.1.6, 19.98S:0.0:2:70:90W.0.06, h11km, 9gkm, n48, r080/57, mb4.0/3, 8C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Pisagua, Diego Aracena, Punta Patache, IPOC Station P, Minye Minye, Chuzmiza, Chacalluta, etc.

NEIC 04 07:31:37.3.2.0.21: 19S:0.1:1:77:90W.0.1, h406km, 10km, mb4.1/1.6, Error ellipse: s-maj=20.3km s-min=19.0km az=132.0

IDC 04 07:31:41.7.10.2.21: 84S:178:17W, h444km, 113km, mb3.0/6, mb1.3/3.6, mb1mx3.1/29, mbtrmp3.8/6, Error ellipse: s-maj=96.2km s-min=35.7km az=145.0

ISC 04 07:31:35.1.0.7.21: 85S:0.1:1:178:0W.0.1, h373km, n33, r0583/32, mb3.9/13, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Nonsuvu, Niue, Afi, URZ, BKZ, BFZ, MSWZ, BHW, CRZ, NNZ, THZ, LTZ, ARMA, CTA, CTAO, STKA, STKA, BBOO, ASAR, ASAR, WRA, WRA, FOR, KNRA, FITZ, PSAAS, GSPA, KSA, NVAR, ILAR, PDAR, ARCES.

IDC 04 07:42:17.7.1.0, 19:77S:70:81W, h0km, mb3.9/5, mb1.4/2.7, mb1mx3.9/25, mbtrmp4.0/7, ML4.0/2, MS3.6/8, Ms1.3/6.8, ms1mx3.4/21, Error ellipse: s-maj=27.5km, s-min=16.3km az=67.0

NEIC 04 07:42:18.2.5.19: 91S:0.0:3:70:91W.0.0, h9km, 1km, mb4.3/6, Mw4.4/25, ML3.9(GUC), Error ellipse: s-maj=17.8km s-min=3.5km az=116.0

GUC 04 07:42:20.7.0.6, 19:86S:70:88W, h20km, 3km, ML4.2

NEIC 04 07:42:21.3.19: 77S:70:72W, h9km, Moment Tensor, M5.4/4.4, Mw-1.89, Ms-1.56, Mw-1.12, Ms-4.94, Fault plane solution: Ms 4.60000+1015 NP1: 159.99000, 85.04000, 177.83000, NP2: 48.15000, 81.33000, 157.64000. Principal axes: T 4.8657, Plg49.0000, Azm57.0000; N 1.0427, Plg12.0000, Azm161.0000; P -5.9084, Plg39.0000, Azm261.0000

VAO 04 07:42:37.1.1.1, 19:70S:70:11W, h149km, 10km, mb3.9

ISC 04 07:42:17.7.1.1, 19:89S:0.0:2:70:96W.0.05, h7km, 10km, n72, r1918/79, mb4.3/5, 1C, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Pisagua, Punta Patache, IPOC Station P, Minye Minye, Chuzmiza, Chacalluta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UNV Unalaska Valle, LVC Limon Verde, LPAZ La Paz, etc.

IDC 04 07:51:39.7, 1.5, 2.9, 67N, 138.69E, h400km, 43km, mb3.1/5, mb1 3.2/7, mb1mx2.8/57, mbtmp0.0/7, Error ellipse: s-maj=63.3km s-min=42.2km az=76.0

JMA 04 07:51:40.0, 1.0, 0.7, 36N, 139.16E, h421km, M3.5, ISC 04 07:51:40.0, 1.0, 0.7, 36N, 139.16E, 0.08, 1.39, 0E, 0.1, h400km, n17, +1849/21, mb3.5/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJJ Chichijima, BSO1 Boso 1, etc.

IDC 04 07:56:07.1, 1.0, 53.57N, 164.34W, h0km, mb3.9/18, mb1 4.0/20, mb1mx3.8/53, mbtmp3.9/20, ML3.2/2, MS3.0/5, Ms1 3.0/5, ms1mx2.7/48, Error ellipse: s-maj=26.0km s-min=15.4km az=175.0

NEIC 04 07:56:07.3, 1.5, 53.34N, 0.05:164.22W, 0.06, h7km, 5km, Error ellipse: s-maj=8.1km s-min=4.7km az=192.0

AEIC 04 07:56:09.4, 1.5, 53.37N, 0.07:164.23W, 0.03, h19km, 5km, ML3.4/33, mb3.7/16(NEIC), Error ellipse: s-maj=9.6km s-min=2.4km az=189.0

ISC 04 07:56:07.6, 1.2, 53.40N, 0.06:164.19W, 0.03, h8km, 7km, n104, 0.18/27/109, mb4.0/18, MS3.0/5, Unimak Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WESP Westdahl Peak, AKSA Akutan Strait, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UNV Unalaska Valle, UNV Unalaska Valle, UNV Unalaska Valle, etc.

IDC 04 07:57:28.0, 7.0, 19.89S, 71.34W, h19km, 3km, ML4.3, MW4.4

IDC 04 07:57:33.7, 1.1, 19.77S, 70.75W, h0km, mb3.8/5, mb1 4.1/7, mb1mx3.8/26, mbtmp3.9/7, ML3.7/2, MS3.2/9, Ms1 3.2/9, ms1mx3.0/26, Error ellipse: s-maj=30.1km s-min=15.0km az=66.0

NEIC 04 07:57:33.8, 19.93S, 71.02W, h18km, Moment Tensor Solution, Moment tensor: Scale 10^15Nm, Mrr: 1.79, Mss: 0.26, Mss: 2.06, Mss: 0.66, Mss: 0.73, Mrr: 2.19, Fault plane solution: M=62000*0.016, N=19130*0.016, P=167*0.0200

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UNV Unalaska Valle, UNV Unalaska Valle, UNV Unalaska Valle, etc.

λ82.72000°, Principal axes: T 3.3781, Plg62.0000°, Azm80.0000°, N 0.4658, Plg2.0000°, Azm346.0000°, P -3.8439, Plg28.0000°, Azm255.0000°, GUC 04 07:57:34.9, 0.6, 19.89S, 71.10W, h35km, 3km, ML3.8, NEIC 04 07:57:34.0, 1.3, 19.94S, 0.03:71.02W, 0.06, h14km, 3km, mb4.3/6, Mw4.3/39, ML3.8(GUC), Error ellipse: s-maj=7.7km s-min=4.5km az=85.0

VAO 04 07:57:40.7, 0.9, 19.95S, 70.77W, h66km, 7km, mb4.1, ISC 04 07:57:32.9, 1.7, 19.94S, 0.03:71.06W, 0.05, h7km, 10km, n82, +1925/39, mb3.9/5, MS3.4/5, 2C, Off coast of northern Chile

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

Table with columns: STKA, Stephens Creek, 45.37 157 P P, 08 16 22.7 -0.8, etc.

Table with columns: STKA, Stephens Creek, 45.37 157 P P, 08 16 22.7 -0.8, etc.

Table with columns: KKN, Kakani, 15.54 120 eP P, 08 30 57.5 -0.5, etc.

ASRS 04 08:19:10.8, 53°33'N-88°20'E, M1.8, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014)

NCC 04 08:19:15.6-2.5, 53°50'N-87°92'E, h0km, mb3.9, mpv3.5, 4C-5D, Error ellipse: s-maj=23.0km s-min=14.4km az=57.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: BVAR, Borovoye Array, 16.51 1 P P, 08 31 09.9 +0.6, etc.

SOME 04 08:00:09.5, 44°70'N-82°25'E, h20km

NCC 04 08:00:10.1, 44°65'N-82°02'E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=15.5km s-min=5.5km az=125.0

ISC 04 08:00:10.2, 1.9, 44°71'N-0.05, 82°07'E, 0.06, h1km, 15km, n15, s=, r131/22, 1C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

SOME 04 08:27:15.8, 44°70'N-82°23'E, h15km

NCC 04 08:27:18.7, 1.9, 44°80'N-81°78'E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=37.5km s-min=6.7km az=118.0

ISC 04 08:27:17.5-2.1, 44°59'N-0.07, 82°4E, 0.1, h10km, n14, c2519/18, 4C-2D, Northern Xinjiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

IDC 04 08:34:09.9, 1.3, 13°31'S-166°03'E, h0km, mb3.9/8, mb1 4.0/9, mb1mx3.9/33, mbtmp3.8/9, ML3.9/1, MS3.2/5, Ms1 3.2/5, ms1mx2.9/39, Error ellipse: s-maj=43.7km s-min=22.9km az=120.0

NEIC 04 08:34:15.3, 1.1, 13°49'S-0.07, 166°4E, 0.1, h52km, 9km, mb4.2/11, Error ellipse: s-maj=15.5km s-min=10.1km az=106.0

ISC 04 08:34:14.7-0.8, 13°55'S-0.08, 166°3E, 0.1, h39km, n25, c1526/23, mb4.0/13, MS3.5/3, Vanuatu Islands

DJA 04 08:06:57.9-0.9, 8°5'S-10°6'E, h13km, 5km, M3.5/6, mb3.5/1, MLv3.5/6, Jawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

IDC 04 08:27:27.8-2.5, 36°31'N-70°05'E, h208km, 21km, mb3.4/14, mb1 3.4/20, mb1mx3.3/55, mbtmp4.0/20, Error ellipse: s-maj=21.2km s-min=15.2km az=0.0

BJI 04 08:27:29.6-0.0, 36°27'N-70°21'E, h227km, mb4.3/3, mb4.3/6

ISC 04 08:27:29.7-0.5, 36°51'N-0.05, 70°05'E, 0.06, h213km, n49, c134/56, mb3.6/14, 4C, Hindu Kush region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

WRA Warramunga Arr 31.24 254 P P, 08 40 30.2 -0.6, etc.

ASAR Alice Springs 32.26 247 P P, 08 40 39.1 -0.7, etc.

ASAR Alice Springs 32.26 247 P P, 08 40 39.4 -0.4, etc.

MORW Morawa 48.96 243 P P, 08 42 57.7 +0.2, etc.

IDC 04 08:07:54.5-2.4, 10°96'N-122°63'E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/33, mbtmp3.7/5, MS2.8/1, Ms1 3.0/1, ms1mx2.4/40, Error ellipse: s-maj=291.3km s-min=20.8km az=63.0

NEIC 04 08:05:02.2-5.1, 10°6'N-0.1, 122°2E, 0.1, h66km, 10km, mb4.3/8, Error ellipse: s-maj=20.8km s-min=17.8km az=76.0

MAN 04 08:08:07.9, 9°67'N-122°17'E, h27km, mb4.6, ML3.5, MS3.4

ISC 04 08:08:09.6, 1.1, 9°77'N-0.06, 122°24'E, 0.05, h47km, 16km, n27, r165/24, mb4.1/10, 2C-1D, Negros

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

HEL 04 08:52:10.3, 0.6, 67°77'N-34°01'E, h0km, ML2.5, Explosion

KOLA 04 08:52:10.9, 67°67'N-33°94'E, h0km

NAO 04 08:52:11.8, 1.1, 67°67'N-33°77'E, ML3.1

IDC 08:52:14.3-2.5, 67°62'N-33°31'E, h0km, mb1 3.3/3, mb1mx3.0/39, mbtmp3.2/3, ML3.1/3, Error ellipse: s-maj=25.9km s-min=10.1km az=74.0

ISC 04 08:52:07.6, 1.6, 67°50'N-0.04, 34°19'E, 0.08, h0km, n44, c1594/78, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include SGF Sodankyl, RNF Rovaniemi, KEV Kevo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include TBI Tubuai, TAOE Nuku Hiva Isla, BDFB Brasilia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include JLU Jordanelle, N49A Columbus Grove, N51A Ashland, etc.

ICD 04 08:53:52.4-0.8,36:70S:97:15W,h0km,mb4.3/11, mb1 4.5/11, mb1mx4.2/31, mbtmp4.3/11, MS2.2/17, Ms1 4.2/17, ms1mx3.9/31, Error ellipse: s-maj=27.4km s-min=22.9km az=89.0

GCMT 04 08:53:53.7-0.3,36:64S:0:03:97:06W:0:02,h12km, MW4:9.66, Moment Tensor Solution, s32,c39, s86,c116; Duration: 0 Moment tensor: Scale 1.016Nm; Mw:2.29; 06; Mw-0.22; 08; Mw-2.51; 06; Mw:1.67; 26; Mw:0.13; 06; Mw-0.17; 22; Best double couple: Mw:2.87300x10^16 NP1=208.000000, s51.000000, A-51.000000. NP2: 0.336.000000, s53.000000, A-128.000000. Principal axes: T 2.5180, Plg1.000000, Azm92.000000; N 0.7110, Plg29.000000, Azm1.000000; P -3.2270, Plg61.000000, Azm184.000000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 04 08:53:55.7-1.9,36:54S:0:09:96:8W:0:2,h10km,1km, mb4.7/10.6 Error ellipse: s-maj=24.7km s-min=8.3km az=120.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include SDV Santo Domingo, SDV Uribia, SDV Puerto La Cruz, etc.

NBPN	Ponto Novo - B	31.02	77	eP	P	09 45 11.5	-1.8
NBPS	Pedro II - PI	32.71	66	eP	P	09 45 26.6	-1.7
EFI	East Falkland	33.16	165f	eP	P	09 45 30.9	-0.7
EF1	comp-Z,82nm,1.4s				pmax		
NBLA	Lagar - SE	33.19	79	eP	P	09 45 30.4	-1.9
NBTA	Tacaratu-PE	33.61	76	eP	P	09 45 34.3	-1.7
NBMA	Muriti-CE	33.68	73	eP	P	09 45 36.2	-0.5
NBPP	Pedra Branca-C	33.77	69	eP	P	09 45 36.8	-0.8
NBMO	Morrinhos-CE	34.47	65	eP	P	09 45 43.2	-0.3
USHA	Ushuaia	34.78	177	P	P	09 45 46.8	+1.1
NBAN	Anadia - AL	35.04	78	eP	P	09 45 47.0	-1.4
NBCL	Cascavel-CE	35.52	68	eP	P	09 45 49.4	-3.2
NBRF	Rio Formoso -	36.46	77	eP	P	09 45 59.4	-1.2
RCBR	Riachuelo	36.90	72	P	P	09 46 04.1	-0.4
RCBR	LR				LR	10 01 54.0	
RCBR	comp-Z,928nm,18.1s,baz=180,slow=38						
RCBR	Riachuelo	36.90	72	P	pmax	09 46 04.1	-0.4
RCBR	comp-Z,83nm,0.9s						
RCBR	Riachuelo	36.90	72	P	P	09 46 04.1	-0.4
RCBR	Riachuelo	36.90	72	eP	P	09 46 04.2	-0.3
NBVP	Pedro Velho	37.20	74	eP	P	09 46 06.7	-0.2
ICMP	Isla Cob de M	39.45	72	eP	P	09 46 12.5	-0.6
MLPR	Magueyos Islan	37.98	6	P	P	09 46 12.2	-1.1
CRPR	Cabo Rojo, PR	38.01	6	P	P	09 46 12.0	-1.6
OBIP	Obispado Ponce	38.10	7	P	P	09 46 11.7	-2.7
PDRP	Patillas Dam,	38.14	8	P	P	09 46 12.0	-2.6
PDRP	IAMB				IAMB	09 46 27.5	
SABA	Saba	38.20	12	P	P	09 46 14.0	-1.2
MPR	Mayaguez	38.21	6	P	P	09 46 13.2	-2.0
MPR	IAMB				IAMB	09 46 30.0	
SJG	San Juan	38.22	7	LR	LR	10 03 15.1	
SJG	San Juan	38.22	7	P	pmax	09 46 13.1	-2.2
SJG	comp-Z,45nm,1.0s						
SJG	San Juan	38.22	7	P	IAMB	09 46 13.1	-2.2
SJG	IAMB				IAMB	09 46 28.6	
HUMP	Col San Antoni	38.28	8	P	P	09 46 15.0	-0.9
HUMP	IAMB				IAMB	09 46 29.8	
SC01	Santiago de lo	39.23	0	P	P	09 46 23.5	-0.3
SC01	IAMB				IAMB	09 46 38.1	
APG	El Apaz	39.74	330	LR	LR	10 01 44.4	
APG	comp-Z,43nm,0.8s						
APG	El Apaz	39.74	330	LR	LR	10 01 44.4	
PMSA	Palmer Station	44.95	176	eP	P	09 47 10.8	+0.8
553A	Crawfordville	51.59	345	P	P	09 48 01.4	-0.2
255A	Hazlehurst	52.83	348	IAMB	IAMB	09 48 12.2	
352A	Blakely	52.95	345	IAMB	IAMB	09 48 31.0	
NHSC	New Hope	53.58	350	P	P	09 48 17.6	+1.3
154A	Montrose	53.63	347	P	P	09 48 15.5	-1.1
Z58A	St. Stephen	53.74	351	P	P	09 48 18.7	+1.2
250A	Grady	53.76	344	P	IAMB	09 48 17.5	-0.2
250A	IAMB				IAMB	09 48 18.6	
Z57A	Bowman	53.85	350	P	P	09 48 19.3	+1.1
152A	Waverly Hall	54.03	346	P	P	09 48 19.2	+0.5
Y60A	Bolivia	54.19	353	P	P	09 48 21.9	+1.2
Y58A	Scranton	54.28	351	P	P	09 48 22.5	+1.1
GOGA	Godney	54.47	347	P	P	09 48 22.3	-0.5
Y57A	Sumter	54.50	350	P	P	09 48 23.9	+0.9
Y57A	Sumter	54.50	350	P	IAMB	09 48 23.5	+0.5
Y57A	IAMB				IAMB	09 48 24.6	
Y55A	Saluda	54.67	349	P	P	09 48 24.4	+0.2
X60A	Albert Glenn T	54.72	353	P	P	09 48 25.3	+0.7
X59A	McDuffie Farm,	54.79	352	P	P	09 48 25.7	+0.6
X58A	Rowland	54.87	352	P	P	09 48 26.1	+0.4
X58A	Rowland	54.87	352	P	IAMB	09 48 24.7	-1.0
X58A	IAMB				IAMB	09 48 26.8	
Z50A	Ashland	54.88	345	P	P	09 48 25.9	+0.1
Z50A	Ashland	54.88	345	P	P	09 48 25.2	-0.6
X57A	Johnson Farm,	54.89	351	P	P	09 48 26.2	+0.3
LRAL	Lakeview Retre	54.95	344	P	P	09 48 26.4	+0.1
LRAL	Lakeview Retre	54.95	344	P	P	09 48 25.3	-1.0
Y52A	Liburn	55.03	347	P	P	09 48 27.4	+0.5
X56A	White Oak	55.07	350	P	P	09 48 27.4	+0.3
X55A	Gracelyn & Ava	55.15	349	P	P	09 48 28.0	+0.3
HKT	Hockley	55.16	334	eP	P	09 48 27.4	-0.4
HKT	pmax				pmax		
W60A	Pink Hill	55.16	353	P	P	09 48 28.1	+0.3
W61A	Ground Anchor	55.21	354	P	P	09 48 28.6	+0.5
W58A	Raeford	55.32	352	P	P	09 48 29.5	+0.6
X54A	Belton	55.36	349	P	P	09 48 29.2	0.0
W59A	Clinton	55.36	353	P	P	09 48 29.7	+0.5
833A	Chaparral WMA,	55.37	329	P	P	09 48 30.2	+0.8
CNNC	Cliffs of the	55.37	353	P	P	09 48 29.7	+0.5
V62A	Hyde County Ai	55.50	355	P	P	09 48 30.9	+0.7
PAULI	Pauline	55.52	349	P	P	09 48 30.9	+0.5
PAULI	IAMB				IAMB	09 48 42.2	
W57A	Gilead	55.55	351	P	P	09 48 30.8	+0.2
W56A	Indian Trail	55.62	350	P	P	09 48 31.5	+0.3
KM5C	Kings Mountain	55.75	350	P	P	09 48 32.1	+0.1
KM5C	Kings Mountain	55.75	350	P	P	09 48 32.3	+0.2
V60A	Jim Taylor Roa	55.82	354	P	P	09 48 33.0	+0.5
W54A	Cherokee Point	55.85	349	P	P	09 48 32.9	+0.2
X51A	Calhoun	55.88	346	P	P	09 48 33.4	+0.4
BG3	Lake Jocassee	55.90	348	P	P	09 48 33.3	+0.2
V59A	Middlesex	55.93	353	P	P	09 48 33.9	+0.6
V58A	Windy Hill, Pi	56.06	352	P	P	09 48 34.5	+0.2
V58A	Windy Hill, Pi	56.06	352	P	IAMB	09 48 34.5	+0.2
V58A	IAMB				IAMB	09 48 35.8	
V57A	Coltrane Farms	56.24	351	P	P	09 48 35.7	+0.1
V56A	Mocksville	56.27	351	P	P	09 48 36.3	+0.5
NATX	Nacogdoches	56.28	356	P	P	09 48 35.1	-0.8
X48A	Hartselle	56.30	344	IAMB	IAMB	09 48 35.5	-0.5
X48A	IAMB				IAMB	09 48 40.7	
U61A	Possum Corner	56.31	355	P	P	09 48 36.4	+0.5
V55A	Taylorville	56.43	350	P	P	09 48 37.5	+0.7
V55A	Taylorville	56.43	350	IAMB	IAMB	09 48 48.4	
U59A	Littleton	56.46	353	P	P	09 48 37.6	+0.5
U59A	Littleton	56.46	353	IAMB	IAMB	09 48 38.9	

V54A	Nebo	56.48	349	P	P	09 48 37.4	+0.2
U60A	Pendleton	56.51	354	P	P	09 48 37.8	+0.4
U58A	Oxford	56.59	353	P	P	09 48 38.6	+0.6
W50A	Signal Mountai	56.60	346	P	P	09 48 37.2	-0.9
W50A	IAMB				IAMB	09 48 39.0	
CPCT	comp-Z,21nm,1.2s						
TKL	Cooper Cav	56.66	347	P	P	09 48 38.4	-0.2
TKL	Tuckaleechee C	56.71	348	P	pmax	09 48 37.2	-1.7
TKL	TKL				pmax		
TKL	comp-Z,33nm,1.5s						
TKL	Tuckaleechee C	56.71	348	P	IAMB	09 48 37.1	-1.7
TKL	TKL				IAMB	09 48 46.3	
U57A	Blanch	56.72	352	P	P	09 48 39.3	+0.4
SWET	Swanee	56.76	345	P	P	09 48 37.5	-1.8
U56A	King	56.78	351	P	P	09 48 40.1	+0.7
U56A	King	56.78	351	P	P	09 48 39.5	+0.1
U56A	IAMB				IAMB	09 48 47.4	
U56A	comp-Z,27nm,1.1s						
V52A	Sevierville	56.85	348	P	P	09 48 38.8	-1.1
Z41A	Richland Creek	56.95	338	P	P	09 48 41.3	+0.8
V51A	Loudon	56.97	347	P	P	09 48 40.6	-0.1
T59A	Double "B" Far	57.05	354	P	P	09 48 41.6	+0.4
T59A	Double "B" Far	57.05	354	P	P	09 48 41.9	+0.7
T59A	Double "B" Far	57.05	354	P	P	09 48 42.5	+0.8
T60A	Surry	57.13	355	P	P	09 48 42.3	+0.5
U54A	Nelsons Funny	57.18	350	P	P	09 48 42.7	+0.4
U54A	Nelsons Funny	57.18	350	P	IAMB	09 48 42.5	+0.2
U54A	IAMB				IAMB	09 48 43.0	
T57A	Hurt	57.27	352	P	P	09 48 43.3	+0.5
T57A	Hurt	57.27	352	P	IAMB	09 48 43.1	+0.3
T57A	IAMB				IAMB	09 48 44.6	
T56A	Rocky Mt	57.40	351	P	P	09 48 44.7	+0.9
W48A	White Oak Lake	57.44	338	P	P	09 48 43.5	-0.6
V48A	Smith Brothers	57.47	345	P	IAMB	09 48 43.9	-0.3
V48A	IAMB				IAMB	09 48 55.6	
W45A	Hickory Valley	57.55	342	IAMB	IAMB	09 48 45.1	
T55A	Pulaski	57.60	351	P	P	09 48 45.9	+0.7
T54A	Tazewell	57.67	350	P	P	09 48 46.3	+0.6
S58A	Poland Farm, P	57.73	353	P	P	09 48 46.4	+0.4
Z38A	Mt. Pleasant	57.74	336	IAMB	IAMB	09 48 48.6	
T53A	Wise	57.76	349	P	P	09 48 46.4	0.0
S59A	Mechanicville	57.80	354	P	P	09 48 47.3	+0.7
T52A	Hallie	57.96	349	P	P	09 48 47.4	-0.3
T52A	Hallie	57.96	349	P	IAMB	09 48 47.1	-0.6
T52A	IAMB				IAMB	09 48 52.5	
S56A	Natural Bridge	57.98	352	P	P	09 48 48.4	+0.6
S57A	Dark Hollow, R	57.98	353	P	P	09 48 48.4	+0.6
S57A	Dark Hollow, R	57.98	353	IAMB	IAMB	09 48 48.8	
T51A	Gray	58.01	348	P	P	09 48 47.8	-0.2
R58B	Mineral	58.06	354	P	P	09 48 49.0	+0.6
R58B	Mineral	58.06	354	IAMB	IAMB	09 48 50.4	
WWT	Waverly	58.10	344	P	pmax	09 48 47.9	-0.7
WWT	Waverly	58.10	344	P	P	09 48 47.7	-0.9
WWT	Waverly	58.10	344	P	P	09 48 47.9	-0.7
S55A	Lewisburg	58.20	351	P	P	09 48 49.8	+0.4
R59A	King George, V	58.22	344	P	P	09 48 50.1	+0.6
T50A	Nancy	58.24	357	P	P	09 48 49.0	-0.7
TXAR	Lajitas Array	58.33	326	P	P	09 48 50.8	+0.2
TXAR	Lajitas Array	58.33	326	P	P	09 48 51.8	+1.2
TXAR	Lajitas Array	58.33	326	P	P	09 48 51.8	+1.2
TX31	Lajitas Ar. Si	58.33	326	P	P	09 48 51.6	+1.0
SS4A	Dingess, Beckl	58.35	350	P	P	09 48 50.7	+0.3
SS4A	Dingess, Beckl	58.35	350	P	IAMB	09 48 50.6	+0.1
SS4A	IAMB				IAMB	09 48 59.9	
SS3A	Williamson	58.37	350	P	P	09 48 51.0	+0.4
MIAR	Mount Ida	58.38	338	P	pmax	09 48 51.0	+0.3
MIAR	Mount Ida	58.38	338	P	pmax	09 48 51.1	+0.3
MIAR	Mount Ida	58.38	338	P	P	09 48 51.0	+0.3
MIAR	IAMB				IAMB	09 49 00.5	
R58A	Rapidan	58.41	354	P	P	09 48 51.5	+0.7
R57A	Stanardsville	58.46	353	P	P		

R40A R40A	Maddies Station	61.37 341	P	Iamb	Iamb	09 49 09.6	-1.5	09 49 26.6
M59A	Waymart	61.41 356	P	P	P	09 49 12.2	+0.8	
O48A	Farmland	61.42 348	P	P	P	09 49 11.2	-0.3	
N50A	Nevada	61.55 350	P	P	P	09 49 11.7	-0.6	
T35A	Sooner Cattle	61.56 337	P	Iamb	Iamb	09 49 12.3	-0.2	
M56A	Emporium	61.58 354	P	P	P	09 49 13.1	+0.6	
L63A	North Scituate	61.60 359	P	P	P	09 49 13.2	+0.6	
M55A	Ridgway	61.62 353	P	P	P	09 49 13.5	+0.6	
BRYW	Bryant College	61.65 360	P	P	P	09 49 13.9	+1.0	
MSTX	Muleshoe	61.66 330	P	Iamb	Iamb	09 49 13.5	+0.1	
MSTX	Muleshoe	61.66 330	Iamb	Iamb	Iamb	09 49 33.8		
L64A	Middleborough	61.67 0	P	P	P	09 49 13.7	+0.7	
M54A	Oil Creek Stat	61.76 353	P	P	P	09 49 14.1	+0.4	
M54A	Oil Creek Stat	61.76 353	P	P	P	09 49 13.9	+0.2	
L60A	Shokan	61.79 357	P	P	P	09 49 14.8	+0.9	
M53A	WI Miller and	61.83 352	P	P	P	09 49 14.6	+0.4	
N49A	Columbus Grove	61.88 349	P	P	P	09 49 14.2	-0.4	
N49A	Columbus Grove	61.88 349	P	P	P	09 49 14.0	-0.5	
L58A	Harry Jones Me	61.94 356	P	P	P	09 49 15.9	+1.0	
SFIN	Lafayette	61.95 346	P	P	P	09 49 14.4	-0.6	
L57A	Andrews Acres	61.97 355	P	P	P	09 49 15.8	+0.7	
L61A	Hillsdale 1, H	61.97 358	P	P	P	09 49 15.2	+0.1	
N48A	Decatur	61.98 348	P	P	P	09 49 14.5	-0.7	
L59A	Walton	62.03 357	P	P	P	09 49 16.5	+0.9	
VNA3	Neumayer Olymp	62.08 161	P	P	P	09 49 17.3	+1.7	
BINY	Binghamton	62.10 356	P	Iamb	Iamb	09 49 16.7	+0.6	
WES	Weston	62.12 360	Iamb	Iamb	Iamb	09 49 17.8		
M50A	Fremont	62.15 350	P	P	P	09 49 16.1	-0.2	
L56A	Greenwood	62.16 354	P	P	P	09 49 17.2	+0.7	
L61B	Northampton	62.20 359	P	P	P	09 49 17.2	+0.6	
HRV	Adam Dzewiowski	62.24 360	P	P	P	09 49 17.5	+0.6	
HRV	Adam Dzewiowski	62.24 360	P	P	P	09 49 17.5	+0.8	
HRV	Adam Dzewiowski	62.24 360	P	P	P	09 49 17.5	+0.6	
L53A	Girard	62.28 352	P	P	P	09 49 16.9	-0.3	
L55A	Hinsdale	62.29 354	P	P	P	09 49 18.1	+0.8	
VNA1	Neumayer-Stat	62.30 160	P	P	P	09 49 19.3	+2.3	
M49A	Liberty Center	62.38 349	P	P	P	09 49 17.8	0.0	
ERPA	Erie	62.40 352	P	P	P	09 49 18.1	0.0	
K62A	Royalston	62.41 359	P	P	P	09 49 18.7	+0.7	
K63A	Dunstable	62.42 360	P	P	P	09 49 18.6	+0.5	
K61A	Williamstown	62.43 358	P	P	P	09 49 19.0	+0.8	
L54A	Sinclairville	62.44 353	P	P	P	09 49 18.9	+0.6	
P40A	Paris	62.45 342	Iamb	Iamb	Iamb	09 49 33.2		
K59A	Cooperstown	62.46 357	P	P	P	09 49 20.4	+1.0	
K58A	Earlville	62.64 356	P	P	P	09 49 20.4	+0.8	
HDIL	Hopedale	62.65 344	P	P	P	09 49 19.2	-0.5	
VNA2	Neumayer-Watz	62.66 161	P	P	P	09 49 21.4	+1.9	
K57A	Scipio Center	62.67 355	P	P	P	09 49 20.0	+0.2	
K56A	Middlesex	62.70 355	P	P	P	09 49 20.4	+0.4	
K54A	Basiliok Farm	62.74 354	P	P	P	09 49 20.9	+0.6	
K55A	Perry	62.80 354	P	P	P	09 49 21.2	+0.5	
L48A	N Adams	62.92 349	P	P	P	09 49 20.8	-0.6	
319A	Douglas	62.95 323	Iamb	Iamb	Iamb	09 49 35.3		
J62A	Henniker	62.96 359	P	P	P	09 49 22.9	+1.2	
P38A	Dawn	62.98 341	Iamb	Iamb	Iamb	09 49 22.9		
J60A	Lant Hill Farm	63.01 358	P	P	P	09 49 23.2	+1.1	
121A	Cookes Peak, D	63.02 325	Iamb	Iamb	Iamb	09 49 36.7		
J61A	Chester	63.09 359	P	P	P	09 49 23.8	+1.2	
K52A	Tilsonburg	63.15 352	P	P	P	09 49 23.5	+0.6	
ACCN	Adirondack Com	63.16 358	P	P	P	09 49 22.3	-0.7	
N41A	Harden Midland	63.20 343	Iamb	Iamb	Iamb	09 49 24.7		
J58A	Remsen	63.21 357	P	P	P	09 49 24.1	+0.7	
J58A	Remsen	63.21 357	P	Iamb	Iamb	09 49 23.0	-0.4	
J58A	Remsen	63.21 357	Iamb	Iamb	Iamb	09 49 41.0		
J56A	Wolcott	63.24 355	P	P	P	09 49 23.8	+0.3	
J59A	Piesco	63.28 357	P	P	P	09 49 24.6	+0.8	
J59A	Piesco	63.28 357	P	P	P	09 49 22.9	-0.9	
J57A	Williamstown	63.31 356	P	P	P	09 49 24.3	+0.4	
K50A	Casco	63.42 350	P	P	P	09 49 24.7	0.0	
NHH	Hanover	63.45 359	P	P	P	09 49 26.2	+1.3	
I58A	Old Forge	63.52 357	P	P	P	09 49 26.0	+0.5	
J52A	Paris	63.57 352	P	P	P	09 49 25.7	-0.1	
I59A	Olmsteadville	63.58 358	P	P	P	09 49 26.6	+0.7	
I62A	Tamworth	63.60 360	P	P	P	09 49 27.0	+1.0	
I60A	Shoreham	63.61 358	P	P	P	09 49 26.9	+0.9	
I64A	Boothbay	63.66 1	P	P	P	09 49 27.7	+1.4	
I61A	Oroboro, Fair	63.67 359	P	P	P	09 49 27.7	+1.3	
K48A	Perry	63.69 349	P	P	P	09 49 26.2	-0.4	
R32A	Long Quarter,	63.71 336	P	Iamb	Iamb	09 49 26.8	0.0	
R32A	Long Quarter,	63.71 336	Iamb	Iamb	Iamb	09 49 29.0		
K47A	Vermontville	63.72 349	P	P	P	09 49 26.4	-0.4	
NCB	Newcomb	63.77 357	Iamb	Iamb	Iamb	09 49 40.0		
I57A	Carthage	63.81 356	P	P	P	09 49 28.0	+0.7	
LBNH	Lisbon	63.98 359	P	P	P	09 49 28.1	-0.3	
LBNH	Lisbon	63.98 359	P	P	P	09 49 29.5	+1.1	
LBNH	Lisbon	63.98 359	P	P	P	09 49 28.1	-0.3	
J49A	Mariette	64.07 350	P	P	P	09 49 28.5	-0.6	

J48A	Bridge Port	64.12 350	P	P	P	09 49 29.3	0.0	
I51A	Listowel	64.20 352	P	P	P	09 49 30.0	+0.1	
H58A	Galesburg	64.21 357	P	P	P	09 49 30.7	+0.7	
ANMO	Albuquerque	64.23 328	eP	P	P	09 49 31.6	+1.1	
ANMO	Albuquerque	64.23 328	P	P	P	09 49 31.8	+1.3	
I55A	Frankford	64.24 355	P	P	P	09 49 30.4	+0.3	
J47A	Summer	64.24 349	P	P	P	09 49 30.3	+0.1	
J47A	Summer	64.24 349	P	P	P	09 49 29.6	-0.5	
H61A	Lyndonville	64.27 359	P	P	P	09 49 31.5	+1.2	
SNA4	Sanae	64.29 161	P	P	P	09 49 31.7	+1.4	
SNA4	Sanae	64.29 161	P	P	P	09 49 30.8	+0.5	
SNA4	Sanae	64.29 161	P	Iamb	Iamb	09 49 30.8	+0.5	
H62A	Milan	64.30 360	P	P	P	09 49 31.8	+1.2	
H60A	Morristown	64.31 359	P	P	P	09 49 31.6	+1.0	
H57A	Richville	64.32 357	P	P	P	09 49 31.1	+0.5	
H64A	Troy	64.39 1	P	P	P	09 49 31.9	+0.8	
H63A	New Sharon	64.40 1	P	P	P	09 49 32.5	+1.4	
H59A	Cadyville	64.42 358	P	P	P	09 49 32.1	+0.8	
LONY	Lake Ozonia	64.43 357	P	P	P	09 49 32.4	+1.0	
LONY	Lake Ozonia	64.43 357	P	Iamb	Iamb	09 49 31.7	+0.3	
CBKS	Cedar Luff	64.45 335	P	P	P	09 49 32.7	+1.0	
H56A	Elgin	64.50 356	P	P	P	09 49 32.3	+0.5	
H55A	Tweed	64.53 355	P	P	P	09 49 32.6	+0.6	
DELO	DeIoro Mine	64.53 355	P	Iamb	Iamb	09 49 31.9	-0.1	
L40A	Anamosa	64.56 343	Iamb	Iamb	Iamb	09 49 33.0		
I49A	Point Hope	64.59 351	P	P	P	09 49 32.5	+0.1	
H53A	Bobcaygeon	64.68 354	P	P	P	09 49 33.0	+0.1	
G60A	Masonville	64.84 359	P	P	P	09 49 35.2	+1.1	
G59A	Clarenceville	64.84 358	P	P	P	09 49 34.6	+0.6	
G63A	Kingsbury	64.86 1	P	P	P	09 49 34.7	+0.5	
H52A	Wyevale	64.88 353	P	P	P	09 49 34.6	+0.2	
G57A	Newington	64.94 357	P	P	P	09 49 35.3	+0.6	
G58A	Ormstown	64.94 358	P	P	P	09 49 35.3	+0.6	
I47A	Gladwin	64.94 349	P	P	P	09 49 34.7	0.0	
G62A	West of Eustis	64.95 0	P	P	P	09 49 36.1	+1.3	
I48A	Sherman Twp	64.97 350	P	P	P	09 49 34.9	0.0	
PLVO	Plevna	65.01 355	P	P	P	09 49 35.8	+0.6	
PKME	Peaks-Kenny Pk	65.01 1	P	P	P	09 49 35.8	+0.7	
PKME	Peaks-Kenny Pk	65.01 1	P	P	P	09 49 35.7	+0.6	
G61A	St Albans	65.01 360	P	P	P	09 49 35.7	+0.5	
G64A	Maxfield	65.01 2	P	P	P	09 49 35.8	+0.7	
T25A	Trinidad	65.02 331	P	P	P	09 49 36.7	+1.1	
I46A	Reed City	65.03 349	P	P	P	09 49 34.8	-0.6	
JFWS	Jewell Farm	65.11 345	P	P	P	09 49 35.2	-0.6	
G55A	Calabogie	65.19 356	P	P	P	09 49 36.6	+0.3	
G53A	Haliburton	65.22 354	P	P	P	09 49 36.6	+0.1	
G54A	Lake Saint Pet	65.45 355	P	P	P	09 49 38.4	+0.4	
K38A	Parkersburg	65.53 343	Iamb	Iamb	Iamb	09 49 53.4		
F59A	Saint Guilme	65.60 359	P	P	P	09 49 41.0	+2.0	
F64A	Sherman	65.64 2	P	P	P	09 49 40.1	+0.9	
F64A	Sherman	65.64 2	P	Iamb	Iamb	09 49 40.2	+1.0	
F60A	Warwick	65.70 359	P	P	P	09 49 40.0	+0.4	
F61A	St Albans	65.70 0	P	P	P	09 49 40.3	+0.7	

4d 9h

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CBN	comp=Z,20nm,0.5s	I	Amb	I	Amb	10 05 21.2	057A	Ambersen	baz=174,SNR=5.9	71.62 354	P	P	10 03 19.8 +0.9	N48A	Decatur	baz=177	73.20 349	P	P	10 03 28.4 +0.1
S53A	Williamson	69.64 350	P	P		10 03 07.3 +0.4	TIAR	Tiarei	comp=Z,9.3nm,0.3s	71.69 260	eT	T	11 20 58.9	M51A	Elyria	baz=167	73.23 351	P	P	10 03 29.0 +0.6
S54A	Dingess, Beckl	69.64 351	P	P		10 03 07.3 +0.4	OLIL	Olney	comp=Z,9.3nm,0.3s	71.73 346	P	P	10 03 19.3 -0.2	ALLY	Alleghey Cole	baz=170	73.30 353	I	Amb	10 03 30.4
S54A	Dingess, Beckl	69.64 351	P	P		10 03 07.3 +0.4	O56A	Blue Knob Stat	baz=173	71.76 354	P	P	10 03 20.3 +0.5	L58A	Harry Jones Me	comp=Z,21nm,0.8s	73.32 356	P	P	10 03 29.3 +0.4
T49A	Edmonton	69.65 347	P	P		10 03 07.4 +0.4	O56A	Blue Knob Stat	comp=Z,24nm,0.9s	71.76 354	I	Amb	10 03 40.4	M52A	Chesterland	baz=170,SNR=5.1	73.33 352	P	P	10 03 29.3 +0.3
T49A	Edmonton	69.65 347	P	P		10 03 06.8 -0.2	O55A	Ligonier	baz=172,SNR=6.3	71.78 353	P	P	10 03 20.4 +0.5	M52A	Chesterland	comp=Z,30nm,0.9s	73.33 352	I	Amb	10 03 30.5
R58A	Rapidan	69.76 354	P	P		10 03 08.6 +1.0	P50A	Jamesown	baz=168,SNR=7.3	71.78 349	P	P	10 03 19.8 0.0	L57A	Andrews Acres	baz=174	73.34 355	P	P	10 03 29.9 +0.8
R57A	Stanardsville	69.81 353	P	P		10 03 09.0 +1.1	CCM	Cathedral Cave	baz=161	71.81 343	P	P	10 03 21.2 +1.1	N47A	Urbana	comp=Z,22nm,0.8s	73.34 348	P	P	10 03 28.8 -0.2
W39A	Magazine	69.82 340	P	P		10 03 09.5 +1.4	CCM	Cathedral Cave	baz=161	71.81 343	pP	pP	10 03 20.3 +0.2	N47A	Urbana	comp=Z,23nm,0.8s	73.34 348	I	Amb	10 03 29.8
W39A	Magazine	69.82 340	P	P		10 03 08.5 +0.5	CCM	Cathedral Cave	baz=161	71.81 343	pP	sP	10 03 58.5 +1.3	L61A	Hillsdale 1, H	baz=177	73.35 358	P	P	10 03 29.6 +0.5
S51A	Beattyville	69.83 349	P	P		10 03 08.3 +0.3	MSTX	Muleshoe	comp=Z,49nm,1.2s	71.83 332	P	P	10 03 21.7 +1.2	L59A	Walton	baz=176,SNR=7.5	73.42 357	P	P	10 03 30.7 +1.1
T47A	Sharon Grove	69.84 346	P	P		10 03 08.7 +0.5	MSTX	Muleshoe	comp=Z,40nm,0.8s	71.83 332	I	Amb	10 03 23.5	M50A	Fremont	baz=169	73.42 350	P	P	10 03 30.1 +0.6
T47A	Sharon Grove	69.84 346	P	P		10 03 07.0	LUPA	Lehigh Unives	71.85 356	P	P	10 03 21.7 +1.5	M50A	Fremont	comp=Z,30nm,0.9s	73.42 350	I	Amb	10 03 30.9	
LCAR	Lake Charles	69.91 342	P	P		10 03 08.8 +0.2	P49A	Miami Univ. Ec	baz=167,SNR=5.6	71.86 349	P	P	10 03 20.0 -0.4	BINY	Binghamton	baz=175	73.48 356	P	P	10 03 30.7 +0.8
LCAR	Lake Charles	69.91 342	P	P		10 03 08.8 +0.2	PPT2	Papeete2	comp=Z,374nm,25.2s	71.87 260	eLR	LR	10 25 31.7	L56A	Binghamton	comp=Z,22nm,1.0s	73.48 356	I	Amb	10 04 01.3
R55A	Marlinton	69.97 352	P	P		10 03 09.8 +0.8	PPT2	Papeete2	comp=Z,1.7nm,0.3s	71.87 260	eT	T	11 21 11.8	L61A	Greenwood	baz=174,SNR=9.2	73.53 355	P	P	10 03 31.0 +0.8
R55A	Marlinton	69.97 352	P	P		10 03 10.3 +1.3	O54A	Avealla	baz=171	71.91 348	P	P	10 03 20.9 +0.5	L61B	Northampton	baz=178,SNR=6.6	73.58 358	P	P	10 03 30.8 +0.4
R54A	Victor	69.97 351	P	P		10 03 09.2 +0.2	P48A	Milroy	baz=167,SNR=5.5	71.91 348	P	P	10 03 20.0 -0.6	L53A	Girard	baz=171,SNR=5.0	73.61 352	P	P	10 03 30.7 +1.0
S50A	Richmond	70.00 348	P	P		10 03 09.8 +0.7	P48A	Milroy	comp=Z,25nm,0.9s	71.91 348	I	Amb	10 03 21.6	HRV	Adam Dzewonsk	73.62 359	P	P	10 03 31.7 +1.1	
FCAR	Ozark Folk Cen	70.00 341	P	P		10 03 08.0 -1.2	N61A	South Mountain	baz=176	71.99 351	P	P	10 03 21.9 +1.1	HRV	Adam Dzewonsk	Liberty Center	73.63 350	P	P	10 03 32.2 +1.6
FCAR	Ozark Folk Cen	70.00 341	P	P		10 04 59.9	O52A	Adamsville	baz=170	71.99 351	I	Amb	10 04 01.6	M49A	Liberty Center	baz=168	73.65 354	P	P	10 03 31.2 +0.4
R56A	Bull Pasture M	70.01 353	P	P		10 03 10.7 +1.5	O52A	Adamsville	comp=Z,56nm,1.4s	72.04 351	P	P	10 03 21.9 +0.6	L55A	Hinsdale	baz=173,SNR=9.4	73.74 345	P	P	10 03 31.8 +0.9
HENM	Henderson Moun	70.11 344	P	P		10 03 10.7 +1.0	O53A	New Philadelph	baz=170	72.07 354	P	P	10 03 22.7 +1.1	HDIL	Hopedale	baz=163	73.74 345	P	P	10 03 31.9 +0.6
PARMO	Parma	70.13 344	P	P		10 03 11.1 +1.2	SSPA	Standing Stone	baz=173	72.07 354	P	P	10 03 21.5 -0.1	HDIL	Hopedale	HDIL	73.74 345	P	I	10 03 31.6 +0.3
R53A	Hurricane	70.25 350	P	P		10 03 11.2 +0.6	SSPA	Standing Stone	SSPA	72.07 354	I	Amb	10 04 02.1	ERPA	Erie	comp=Z,40nm,1.1s	73.74 353	P	P	10 03 32.0 +0.7
R53A	Hurricane	70.25 350	P	P		10 03 10.4 -0.2	Q44A	Meyer Farm, Va	Q44A	72.09 345	P	P	10 03 22.1 +0.4	ERPA	Erie	baz=172,SNR=5.2	73.74 353	P	I	10 03 31.5 +0.1
S49A	Springfield	70.26 348	P	P		10 03 11.3 +0.6	N60A	comp=Z,23nm,0.9s	72.10 356	P	P	10 03 22.9 +1.2	ERPA	Erie	comp=Z,28nm,1.0s	73.79 353	P	P	10 03 32.5 +0.9	
Q60A	Greensboro	70.29 356	P	P		10 03 10.9 +0.1	O51A	Sinclairville	baz=176,SNR=8.1	72.12 344	P	P	10 03 22.5 +0.7	L54A	Sinclairville	baz=172,SNR=13	73.79 357	P	P	10 03 32.8 +1.1
R52A	Catlettsburg	70.36 350	P	P		10 03 11.7 +0.4	SLM	Saint Louis	72.13 344	P	P	10 03 22.1 +0.2	K60A	Five Rivers En	baz=173	73.79 357	P	P	10 03 33.3 +1.7	
Q58A	Fox Den Farm,	70.37 354	P	P		10 03 12.2 +0.9	O51A	Pataskala	baz=169,SNR=9.2	72.16 354	P	P	10 03 23.1 +1.0	K62A	Royalston	baz=178	73.79 359	P	P	10 03 33.3 +1.7
PBMO	Poplar Bluff,	70.40 343	P	P		10 03 11.7 +0.2	N57A	Milroy	baz=174,SNR=8.3	72.17 355	P	P	10 03 22.4 +0.2	K62A	Royalston	comp=Z,39nm,0.9s	73.79 359	I	Amb	10 04 12.7
MEH	Mehetia	70.47 261	eT	T		11 19 27.3	N58A	Sunbury	baz=174,SNR=6.8	72.17 355	P	P	10 03 23.1 +0.9	P38A	Dawn	comp=Z,34nm,0.9s	73.89 358	I	Amb	10 04 13.4
R51A	Hillsboro	70.47 349	P	P		10 03 12.3 +0.3	N59A	State Game Lan	baz=175,SNR=13	72.19 356	P	P	10 03 23.6 +1.3	WVNY	West Valley, N	comp=Z,34nm,0.9s	73.89 358	I	Amb	10 04 03.5
Q57A	Strasburg	70.53 354	P	P		10 03 13.5 +1.2	N59A	State Game Lan	baz=175,SNR=13	72.19 356	P	P	10 03 23.8 +1.5	TRY	Troy	comp=Z,48nm,1.3s	73.89 358	I	Amb	10 03 35.0 +1.9
X34A	Smith Ranch, M	70.56 336	P	P		10 03 14.1 +1.4	N59A	State Game Lan	baz=175,SNR=13	72.19 356	P	P	10 03 23.7 +1.0	TUC	Tucson	baz=176,SNR=7.7	73.99 357	P	P	10 03 33.6 +0.7
X34A	Smith Ranch, M	70.56 336	P	P		10 03 14.1 +1.4	N59A	State Game Lan	baz=175,SNR=13	72.19 356	P	P	10 03 23.7 +1.0	K58A	Cooperstown	baz=176,SNR=7.7	74.02 356	P	P	10 03 33.9 +0.8
R50A	Paris	70.57 349	P	P		10 03 12.9 +0.3	AMTX	Amarillo	comp=Z,22nm,0.9s	72.21 333	P	P	10 04 02.8	K58A	Earlville	baz=175,SNR=7.9	74.02 356	I	Amb	10 03 35.0
Q56A	Snyder Ridge,	70.61 353	P	P		10 03 14.4 +1.6	AMTX	Amarillo	comp=Z,47nm,1.1s	72.21 333	I	Amb	10 04 03.5	K57A	Scipio Center	comp=Z,23nm,0.9s	74.04 355	P	P	10 03 33.5 +0.4
Q56A	Snyder Ridge,	70.61 353	P	P		10 03 14.2 +1.3	T35A	Sooner Center	72.24 338	I	Amb	I	10 04 03.5	K56A	Middlesex	baz=174	74.07 355	P	P	10 03 34.0 +0.6
U40A	Yellville	70.64 341	P	P		10 03 13.7 +0.6	ACSO	Alum Creek Sta	baz=169,SNR=16	72.27 350	P	P	10 03 23.0 +0.2	K54A	Basilliko Farm,	baz=173	74.10 354	P	P	10 03 34.3 +0.8
U40A	Yellville	70.64 341	P	P		10 03 12.1 -0.9	ACSO	Alum Creek Sta	ACSO	72.27 350	I	Amb	10 03 24.6	K55A	Perry	baz=173	74.16 354	P	P	10 03 34.9 +1.1
U40A	Yellville	70.64 341	P	P		10 03 12.1 -0.9	O50A	Cable	baz=166,SNR=12	72.28 350	P	P	10 03 22.9 +0.1	L48A	N Adams	baz=173	74.16 349	P	P	10 03 33.6 -0.3
Q55A	Buckhannon	70.67 352	P	P		10 03 14.3 +1.1	N55A	Marion Center	baz=172,SNR=16	72.31 353	P	P	10 03 23.9 +0.8	ANMO	Albuquerque	baz=168,SNR=6.1	74.20 330	P	P	10 03 36.4 +1.9
Q53A	Leroy	70.71 351	P	P		10 03 14.6 +1.1	P46A	Rosedale	72.40 347	P	I	Amb	10 04 02.7	L49A	Milan	baz=168	74.24 344	P	P	10 03 34.7 +0.6
R49A	Shelbyville	70.73 348	P	P		10 03 13.8 +0.3	O49A	Covington	comp=Z,24nm,1.0s	72.44 349	P	P	10 03 23.9 +0.2	N41A	Harden Midland	baz=178	74.24 344	P	P	10 03 33.7 -0.6
W35A	Tecumseh	70.74 337	P	P		10 03 13.4 -0.3	O49A	Covington	baz=168,SNR=8.7	72.44 349	I	Amb	10 03 25.0	N41A	Harden Midland	comp=Z,36nm,0.9s	74.28 346	I	Amb	10 03 36.0
Q54A	Coxs Mills	70.75 352	P	P		10 03 13.9 +0.3	O61A	Graite Spring	baz=177	72.48 326	I	Amb	10 04 06.0	M44A	Midewin, Midew	comp=Z,25nm,0.8s	74.28 339	P	P	10 03 35.2 +0.6
Q54A	Coxs Mills	70.75 352	P	P		10 03 13.9 +0.3	319A	Douglas	comp=Z,26nm,0.9s	72.48 326	I	Amb	10 04 06.0	KSU1	Kansas State U	baz=178	74.28 339	P	P	10 03 35.2 +0.6
Q54A	Coxs Mills	70.75 352	P	P		10 03 13.7 0.0	M60A	Port Jervis	baz=176,SNR=7.4	72.53 357	P	P	10 03 24.3 +0.1	R32A	Long Quarter,	comp=Z,35nm,1.0s	74.33 337	I	Amb	10 04 15.3
SDMD	Soldier's Deli	70.76 335	P	P		10 03 14.0 +0.3	N53A	Lisbon	baz=171	72.54 352	P	P	10 03 25.2 +0.8	J62A	Henniker	baz=179,SNR=5.3	74.34 359	P	P	10 03 36.5 +1.6
T42A	Van Buren	70.81 343	I	Amb	I	10 03 14.3 +0.3	M62A	Hamden	baz=178	72.58 358	P	P	10 03 25.4 +0.8	J63A	Jackson Stratf	baz=179	74.39 360	P	P	10 03 37.8 +2.7
T42A	Van Buren	70.81 343	I	Amb	I	10 03 14.3 +0.3	N54A	Moraine State	baz=171,SNR=9.6	72.60 353	P	P	10 03 25.5 +0.7	J61A	Chester	baz=178	74.48 358	P	P	10 03 37.6 +2.0
HHAR	Hobbs	70.88 340	P	P		10 03 15.6 +1.0	N54A	Moraine State	comp=Z,27nm,0.9s											

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like MAW 75.24 163 P P, T25A 75.25 333 P P, J49A 75.36 351 P P, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like E63A 77.55 2 P Iamb, E63A Oxbow, E64A 77.56 2 P P, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like BOSA 80.12 117 P Iamb, BOSA Boshof, RWVY 80.26 333 Iamb, etc.

IDC 04 11:03:35.7 1.6, 20.55S:70.71W, h0km, mb3.5/3, mb1 3.9/5, mb1mx3/6.34, mbtrmp3.8/5, ML4.0/2, MS3.0/2, Ms1 3.0/2, ms1mx2/6.22, Error ellipse: s-maj=37.4km s-min=16.9km az=66.0

GUC 04 11:03:35.7 1.6, 20.55S:70.71W, h34km, ML3.9 ISC 04 11:03:35.7 1.6, 20.55S:70.71W, h0.06, h8km, 11km, n30., c692/39, 2C-4D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Diego Aracena, IPOC Station P, Pisagua, etc.

IDC 04 11:12:34.3 5.0, 31.78S:179.82E, h351km, 42km, mb3.2/4, mb1 3.9/5, mb1mx3/1.44, mbtrmp4.0/5, Error ellipse: s-maj=56.6km s-min=44.3

WEL 04 11:12:37.9 0.6, 32.29S:18.0W, 2.4, h125km, 34km, M4.2/15, mbA.6/11, MLV4.7/15, Mw(MB)3.9/11

ISC 04 11:12:35.1-1.7, 32.02S:0.10:179.8E, 0.2, h350km, n55, c213/62, mb3.2/4, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Raukumara Rang, Matawai, Urewera, etc.

Table with columns: KAHZ, VRZ, PRX, PNHZ, PKE, TSZ, LREZ, PRHZ, KHEZ, DVHZ, ANWZ, BHZ, MRZ, OGWZ, CTA, ASAR, WRA, QSPA, FINES. Lists stations and their coordinates.

IDC 04 11:17:30.1 1.1, 20.55S:70.64W, h0km, mb3.6/3, mb1 3.9/5, mb1mx3/7.27, mbtrmp3.8/5, ML3.9/2, MS2.9/4, Ms1 2.9/4, ms1mx2/8.26, Error ellipse: s-maj=36.6km s-min=22.7km az=79.0

GUC 04 11:17:34.0 0.6, 20.65S:70.57W, h28km, 2km, ML3.7 ISC 04 11:17:31.0 0.2, 20.62S:0.03:70.63W, 0.06, h8km, 15km, n32., c086/43, 3C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Diego Aracena, IPOC Station P, Pisagua, etc.

IDC 04 11:22:40.6 4.2, 31.17S:174.7E, h12km, 2km, M2.3/19, ML2.5/18, MLV2.3/19, Error ellipse: s-maj=0.0km s-min=0.0km az=140.7, Cook Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Cape Campbell, Blackbirch Sta, Tuamarina, etc.

WEL 04 11:22:40.6 4.2, 31.17S:174.7E, h12km, 2km, M2.3/19, ML2.5/18, MLV2.3/19, Error ellipse: s-maj=0.0km s-min=0.0km az=140.7, Cook Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Cape Campbell, Blackbirch Sta, Tuamarina, etc.

Table with columns: LTZ, BFZ, WAZ, INZ, KHEZ, PKE, MOVZ, VRZ, BHZ, TUWZ, HWZ, BFZ, BKZ, HIZ, WAZ, WCZ. Lists stations and their coordinates.

WEL 04 11:22:44.6 0.4, 32.29S:17.9E, h33km, M4.6/9, mbA.6/2, ML4.6/9, MLV4.6/9, Mw(MB)3.8/2, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Green Lake, Omahuta, Raukumara Rang, etc.

BUI 04 11:40:30.0 0.0, 10.53S:161.56E, h70km, mb5.4/64, mb5.4/86, Ms5.6/91, Ms7 5.5/88

NEIC 04 11:40:32.0 0.4, 10.54S:161.68E, h50km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.39; Mw=0.33; Mo=0.72; Mn=0.27; Ms=0.73; Ms=0.61; Fault plane solution: M1, 17000x10^18 NPT1=168.80000; M2, 139.40000; A=139.40000; NP2=6.71000; 850.850000; A=18.24000; Principal axes: T 1.2193, Plg16.0000; Azm293.0000; N -0.0990, Plg47.0000; Azm185.0000; P -1.1203, Plg38.0000; Azm36.0000;

NEIC 04 11:40:32.1 8, 10.54S:0.06:161.70E, 0.7, h57km, 1km, mb6.0/376, Mw6.0/74, Mw6.0/42, Mw6.0/70, Mw6.0/GCMT Error ellipse: s-maj=12.0km s-min=9.9km az=237.0

SOME 04 11:40:32.0 0.0, 10.48S:161.42E, h70km, mb5.7/2

IDC 04 11:40:32.0 0.4, 10.54S:161.52E, h61km, 3km, mb5.4/36, mb1 5.4/37, mb1mx5.4/41, mbtrmp5.6/37, MS5.3/27, Ms1 5.3/27, ms1mx5.2/29, Error ellipse: s-maj=12.3km s-min=6.8km az=65.0

MOS 04 11:40:33.0 0.1, 10.48S:161.51E, h77km, mb5.9/50, MS5.5/10, Error ellipse: s-maj=7.8km s-min=5.2km az=120.4

NEIC 04 11:40:34.0 33S:161.67E, h60km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.28; Mw=0.23; Mo=0.51; Mn=0.39; Ms=0.79; Ms=0.47; Fault plane solution: M1, 10000x10^18 NPT1=172.00000; 573.00000; A=147.00000; NP2=72.00000; 859.00000; A=19.00000; Principal axes: T 1.0478, Plg10.0000; Azm299.0000; N -0.0901, Plg54.0000; Azm196.0000; P -1.1379, Plg35.0000; Azm38.0000;

NEIC 04 11:40:34.0 5S:161.61E, h68km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.28; Mw=0.30; Mo=0.57; Mn=0.33; Ms=0.84; Ms=0.56; Fault plane solution: M1, 17000x10^18 NPT1=170.00000; 577.00000; A=145.00000; NP2=72.00000; 856.00000; A=15.00000; Principal axes: T 1.1595, Plg14.0000; Azm297.0000; N -0.0238, Plg53.0000; Azm188.0000; P -1.1834, Plg33.0000; Azm36.0000;

GCMT 04 11:40:35.0 0.1, 10.55S:161.59E, h67km, Mw6.0/160, Moment Tensor Solution. s158,c369; s160,c522; Duration: 24 Moment tensor: Scale 10^19Nm; Mr=0.27; Mw=0.21; Mo=0.28; Mn=0.11; Ms=0.31+0.1; Ms=0.80; 0.1; Mw=0.56; 0.1; Best double couple; M1, 12600x10^18 NPT1=72.00000; 855.00000; A=15.00000; NP2=71.00000; 878.00000; A=14.00000; Principal axes: T 1.1140, Plg15.0000; Azm297.0000; N -0.0240, Plg53.0000; Azm187.0000; P -1.1380, Plg34.0000; Azm37.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 04 11:40:48.5, 10.29S:161.46E, h63km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.50; Mw=0.14; Ms=0.63; Mn=0.26; Ms=0.87; Ms=0.75; Fault plane solution: M1, 31000x10^18 NPT1=71.15000; 847.89000; A=21.74000; NP2=76.12000; 874.05000; A=13.57000; Principal axes: T 1.3432, Plg16.0000; Azm298.0000; N -0.0665, Plg44.0000; Azm192.0000; P -1.2767, Plg42.0000; Azm43.0000;

ISC 04 11:40:33.2 0.3, 10.49S:0.03:161.56E, 0.03, h71km, 2km, h11km; pp-P, n865, c183/835, mb5.9/278, 19C-25D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Honiara, Rabaul, Keravat, etc.

4d 11h

2014 APR

Table with columns for flight codes (e.g., NJ2, QIZ, QIZH), destinations (e.g., comp=Z,1um,4.5s), and flight details (LR, LR, 11 50 25.5 +0.8).

Table with columns for flight codes (e.g., PET, PETK, PETK), destinations (e.g., comp=N,28nm,2.4s), and flight details (63.31 358, P, P, 11 50 55.4 +1.0).

Table with columns for flight codes (e.g., HHC, HHC, HHC), destinations (e.g., comp=Z,36nm,1.3s), and flight details (sP, PcP, 11 51 54.9 +0.7).

BILL	comp-Z,290nm,1.0s	78.40	2	P	Iamb	P	11 52 26.8	+1.2
BILL	comp-Z,300nm,1.1s						11 52 28.4	
LSA	Lhasa	78.59	303	P	P	P	11 52 29.2	+1.0
LSA							11 52 42.0	+1.0
LSA							11 55 23.6	-3.4
LSA							12 02 20.6	+0.5
LSA	comp-Z,27nm,0.8s							
LSA	comp-Z,3um,26.3s							
LSA	comp-Z,3um,28.5s							
LSA	comp-Z,7um,24.2s							
LSA	Lhasa	78.59	303	P	P	P	11 52 28.7	+0.5
LSA								
LSA	comp-Z,32nm,1.1s							
LSA	Lhasa	78.59	303	P	P	P	11 52 28.7	+0.5
LSA	Nome	78.59	303	P	Iamb	Iamb	11 52 31.8	
ZAK	Zakamensk	78.92	326	eP			11 52 29.4	+0.3
ZAK							12 02 22.3	
ZAK								
IRK	comp-Z,79nm,1.3s							
IRK	Irkutsk	79.39	328	eP	P	P	11 52 31.1	-0.3
IRK								
IRK	comp-Z,91nm,1.5s							
IRK	Talya	79.13	328	P	P	P	11 52 32.4	+0.8
IRK	comp-Z,28nm,0.8s,baz=163,slow=4.0,SNR=88							
IRK	Talya	79.13	328	eP			11 52 32.1	+0.5
IRK							12 02 48.3	
IRK							12 02 24.6	-2.4
IRK							12 02 51.7	
IRK							12 07 29.6	-6.4
IRK	comp-Z,212nm,1.1s							
IRK	comp-Z,4um,20.0s							
IRK	Talya	79.41	328	P	Iamb	Iamb	11 52 32.3	+0.8
IRK							11 52 33.9	
IRK	comp-Z,156nm,1.4s							
IRK	South Pole Qui	79.51	180	P	P	P	11 52 32.3	+0.2
IRK	Bradley Lake	79.63	22	Iamb	Iamb	Iamb	11 52 35.5	
IRK	comp-Z,212nm,1.1s							
IRK	Tadong	79.99	300	eP	P	P	11 52 34.5	-0.9
IRK	Seward	80.40	23	Iamb	Iamb	Iamb	11 52 42.5	
IRK	comp-Z,150nm,1.0s							
IRK	Bhubaneswar	80.51	293	eP	P	P	11 52 38.8	+0.7
IRK							11 52 55.8	-1.7
IRK	Mondy	80.82	327	eP	P	P	11 52 40.1	+0.8
IRK								
IRK	comp-Z,139nm,3.0s							
IRK	Susitna One	80.83	21	Iamb	Iamb	Iamb	11 52 41.5	
IRK	comp-Z,247nm,1.2s							
IRK	ODAN	80.89	299	eP	P	P	11 52 40.7	+0.3
IRK	comp-Z,62nm,0.7s							
IRK	Rabbit Creek A	80.95	22	Iamb	Iamb	Iamb	11 52 42.5	
IRK	comp-Z,186nm,1.2s							
IRK	PPLA	81.33	20	Iamb	Iamb	Iamb	11 52 44.0	
IRK	Purkeypille							
IRK	comp-Z,198nm,1.4s							
IRK	Bokaro	81.35	296	eP	P	P	11 52 58.1	-3.8
IRK	RAMN	81.59	289	eP	P	P	11 52 44.2	+0.1
IRK	comp-Z,17nm,0.7s							
IRK	KNK	81.62	22	Iamb	Iamb	Iamb	11 52 48.8	
IRK	Knik Glacier							
IRK	comp-Z,99nm,1.0s							
IRK	Challavanijan	81.67	291	eP	P	P	11 52 44.6	+0.2
IRK							11 53 00.3	-3.3
IRK							12 02 50.1	-1.7
IRK							11 52 46.5	
IRK	GLORY HOLE CRE	81.69	21	Iamb	Iamb	Iamb	11 52 48.7	
IRK	comp-Z,148nm,1.1s							
IRK	HINCHINBROOK I	81.72	23	Iamb	Iamb	Iamb	11 52 48.7	
IRK	comp-Z,248nm,1.3s							
IRK	GLI	81.79	23	Iamb	Iamb	Iamb	11 52 49.0	
IRK	Glacier Island							
IRK	comp-Z,242nm,1.2s							
IRK	SML	81.93	22	Iamb	Iamb	Iamb	11 52 50.2	
IRK	Sawmill							
IRK	comp-Z,21nm,1.2s							
IRK	FID	81.94	23	Iamb	Iamb	Iamb	11 52 49.6	
IRK	Port Fidalgo							
IRK	comp-Z,216nm,1.2s							
IRK	EYAK	82.10	23	Iamb	Iamb	Iamb	11 52 50.6	
IRK	Cordova Ski Ar							
IRK	comp-Z,128nm,1.1s							
IRK	JIRN	82.14	300	eP	P	P	11 52 47.0	-0.1
IRK	Jiri							
IRK	comp-Z,43nm,0.7s							
IRK	KTH	82.20	19	Iamb	Iamb	Iamb	11 52 48.1	
IRK	Kantishna Hill							
IRK	comp-Z,196nm,1.1s							
IRK	SCM	82.31	22	Iamb	Iamb	Iamb	11 52 52.1	
IRK	Sheep Creek M							
IRK	comp-Z,138nm,1.1s							
IRK	TRF	82.34	20	Iamb	Iamb	Iamb	11 52 49.0	
IRK	Thorofore Moun							
IRK	comp-Z,160nm,1.1s							
IRK	RDODG	82.34	13	Iamb	Iamb	Iamb	11 52 49.9	
IRK	Red Dog Mine							
IRK	comp-Z,236nm,1.2s							
IRK	PALK	82.40	279	P	P	P	11 52 50.1	+1.8
IRK	Pallekele							
IRK	comp-Z,36nm,0.8s,baz=74,slow=3.6,SNR=5.0							
IRK	PALK	82.40	279	P	P	P	11 52 49.5	+1.1
IRK								
IRK	comp-Z,64nm,0.9s							
IRK	PALK	82.40	279	P	P	P	11 52 49.5	+1.1
IRK	Pallekele							
IRK	comp-Z,192nm,1.2s							
IRK	RAGM	82.43	20	Iamb	Iamb	Iamb	11 52 51.8	
IRK	Ragged Mountai							
IRK	comp-Z,192nm,1.2s							
IRK	GUN	82.47	300	eP	P	P	11 52 49.0	+0.2
IRK	Gumba							
IRK	comp-Z,71nm,0.9s							
IRK	BPRAW	82.55	19	Iamb	Iamb	Iamb	11 52 49.9	
IRK	Bear Paw Mtn.							
IRK	comp-Z,154nm,1.2s							
IRK	PKI	82.78	300	eP	P	P	11 52 50.1	-0.3
IRK	Pulchok							
IRK	comp-Z,52nm,0.8s							
IRK	PKIN	82.79	300	eP	P	P	11 52 50.0	-0.4
IRK	Phulchoki							
IRK	comp-Z,27nm,0.6s							
IRK	RND	82.79	20	Iamb	Iamb	Iamb	11 52 51.7	
IRK	Reindeer							
IRK	comp-Z,387nm,1.4s							
IRK	KKN	82.95	300	eP	P	P	11 52 50.9	-0.2
IRK	Kakani							
IRK	comp-Z,27nm,0.6s							
IRK	IMAR	83.04	17	P	P	P	11 52 51.6	+1.1
IRK	Indian Mountai							
IRK	DMN	83.05	30	eP	P	P	11 52 51.7	0.0
IRK	Dama							
IRK	comp-Z,83nm,0.9s							
IRK	CRQM	83.26	24	Iamb	Iamb	Iamb	11 52 56.5	
IRK	Cirque							
IRK	comp-Z,198nm,0.9s							
IRK	MLY	83.27	18	Iamb	Iamb	Iamb	11 52 54.4	
IRK	Manley							
IRK	comp-Z,186nm,1.1s							
IRK	TGL	83.38	24	Iamb	Iamb	Iamb	11 52 57.0	
IRK	Tana Glacier							
IRK	comp-Z,153nm,1.1s							
IRK	GLB	83.40	23	Iamb	Iamb	Iamb	11 52 56.4	
IRK	Gilghina Butt							
IRK	comp-Z,194nm,1.1s							
IRK	VRDI	83.41	24	Iamb	Iamb	Iamb	11 52 57.1	
IRK	Verde Repeater							
IRK	comp-Z,106nm,1.0s							
IRK	NEA	83.49	19	Iamb	Iamb	Iamb	11 52 54.9	
IRK	Nenana							
IRK	comp-Z,246nm,1.1s							
IRK	GKN	83.55	300	eP	P	P	11 52 54.2	0.0
IRK	Gorkha							
IRK	comp-Z,156nm,0.7s							
IRK	PVM	83.63	289	eP	P	P	11 52 54.1	-0.4
IRK	Polavaram							
IRK							11 53 10.3	-3.7
IRK							12 03 07.4	-4.1
IRK							11 52 58.4	
IRK	MCARA	83.67	24	Iamb	Iamb	Iamb	11 52 54.7	+0.9
IRK	McCarthy VSAT							
IRK	comp-Z,161nm,1.0s							
IRK	MAW	83.68	202	P	P	P	11 52 54.7	+0.9
IRK	Mawson							
IRK	comp-Z,84,SNR=36							
IRK	MAW	83.68	202	P	P	P	11 52 54.2	+0.4
IRK	Mawson							
IRK	comp-Z,62nm,0.8s,baz=144,slow=3.2,SNR=54							
IRK	MAW	83.74	20	P	P	P	11 53 11.9	-0.5
IRK	Maw							
IRK	comp-Z,30nm,0.7s,baz=101,slow=10,SNR=5.4							
IRK	MAW	83.74	20	P	P	P	11 52 22.8	
IRK	Maw							
IRK	comp-Z,622nm,18.5s,baz=89,slow=3.4							
IRK	MAW	83.68	202	P	P	P	11 52 54.8	+0.9
IRK	Mawson							
IRK	comp-Z,194nm,1.1s							
IRK	BLRM	83.74	20	Iamb	Iamb	Iamb	11 52 58.7	
IRK	Baldy							
IRK	comp-Z,129nm,1.0s							
IRK	Wood River Hill	83.74	20	Iamb	Iamb	Iamb	11 52 56.2	
IRK	comp-Z,221nm,1.2s							
IRK	CCB	83.95	20	Iamb	Iamb	Iamb	11 52 57.1	
IRK	Clear Creek Bu							
IRK	comp-Z,134nm,1.2s							
IRK	MDM	84.02	19	Iamb	Iamb	Iamb	11 52 57.5	
IRK	Murphy Dome							
IRK	comp-Z,194nm,1.2s							
IRK	BARN	84.03	24	Iamb	Iamb	Iamb	11 52 59.4	
IRK	Barnard Glacie							
IRK	comp-Z,370nm,1.4s							
IRK	COL	84.08	19	P	P	P	11 52 56.6	+0.8
IRK	CIGO, UAF Yank							
IRK	baz=230							
IRK	TAL	84.08	19	d/P	P	P	11 52 56.3	+0.5
IRK	College							
IRK	comp-Z,197nm,1.0s							
IRK	COLA	84.08	19	P	Iamb	Iamb	11 52 56.4	+0.5
IRK	College							
IRK	comp-Z,238nm,1.1s							
IRK	HDA	84.08	20	P	P	P	11 52 57.0	+1.1
IRK	Harding Lake							
IRK	comp-Z,230							
IRK	HDA	84.08	20	Iamb				

4d 11h

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Makanchi Array, Wolman Farm, and various other locations.

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Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Waterton Lakes, Paulatuk, and various other locations.

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Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Lac du Bonnet, Apatity, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LK2D, LK2D, RLS, PVO, etc.

GUC 04 13:41:29.4-0.5, 18.56S; 69.32W, h16km, 4km, ML4.2
IDC 04 13:41:35.0-4.9, 18.38S; 69.15W, h55km, 50km, mb3.7/3,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AP01, AP01, IPOC Station P, etc.

IDC 04 13:46:17.9-2.4, 10.67S; 161.58E, h88km, 18km, mb3.7/8,
mb1.4, 0/10, mb1mx3.7/30, mbtmp4.1/10, MS2.8/1,

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

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

IDC 04 13:55:32.5-2.5, 28.28S; 23.17E, h0km, mb1.3/3/3,
mb1mx3.2/32, mbtmp3.3/3, ML2.7/3, Error ellipse:

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I47ZA, I47ZA, I47ZA, etc.

NNC 04 14:02:56.8-0.2, 42.89N; 71.12E, h0km, mpv1.7, Error
ellipse: s-maj=4.1km s-min=0.9km az=25.0, Suspected

CRNET 04 14:02:58.0-0.1, 42.43N; 70.86E, mb2.6,
ISC 04 14:02:49.6-2.4, 42.4N; 0.1-70.6E; 0.1, h0km, n16,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK07, KK07, KK07, etc.

ROM 04 14:03:25.8-0.2, 44.067N; 0.0087.25E; 0.01, h10km,
ML2.1/1, Error ellipse: s-maj=1.3km s-min=0.2km az=56.0

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

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

FRF La Foret Royal 0.66 223 ePg Pg 14 03 38.4 -0.3
FRF La Foret Royal 0.66 223 eSg Pg 14 03 42.1 +1.0

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

SMRF Simiane la R 1.23 268 ePn Pn 14 03 49.2 +1.2
SMRF Oris-en-Rattie 1.33 312 eSb S 14 04 05.1 +1.2

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

IDC 04 14:04:51.4-1.0, 2.99S; 129.80E, h0km, mb3.9/5,
mb1.4, 1/8, mb1mx3.8/32, mbtmp4.0/8, ML3.9/3, Error

DJA 04 14:04:56.5-4.6, 3.5S; 5.3E; 0.1, h24km, 48km, M3.7/7,
MLV3.7

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

WEL 04 14:18:33.8, 37'S; 147.178E; h5km, M3.3/18, ML3.6/18,
ML3.3/8, Off east coast of North Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for codes PUZ through CRVZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for codes LVC through ZALV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for codes MKAR through ZALV.

ICD 04 14:20:16.4,0.9,20.15Sx70.24W, h0km, mb3.9/4, mb1.4,3/6, mb1mx3.9/56, mbtmp3.2/6, ML4.4/2, Error ellipse: s-maj=38.8km s-min=20.1km az=90.0

NEIC 04 14:20:24.5,2.8,2.0,36S,0.103,69.95W,0.07, h58km,6/6km, mb3.9/4, ML4.0(GUC), Error ellipse: s-maj=9.1km s-min=4.8km az=97.0

GUC 04 14:20:25.9,0.7,20.37S;69.86W, h50km,3km, ML4.0 ISC 04 14:20:24.0,2.8,2.0,35S;0.103,69.93W,0.06, h57km,3km, n49, r151/57, mb4.0/3.5C, Northern Chile

ICD 04 14:27:48.1,0.9,20.47S;70.53W, h0km, mb3.8/5, mb1.4,0/7, mb1mx3.7/26, mbtmp3.9/7, ML4.1/2, MS2.7/1, Ms1 2.7/1, ms1mx2.3/26, Error ellipse: s-maj=39.2km s-min=20.5km az=94.0

GUC 04 14:29:49.1,1.6,20.60S;0.02,70.46W,0.05, h5km,10km, n34, r148/43, mb4.1/4, 6C-9D, Near coast of northern Chile

ICD 04 14:59:38.6,2.6,3.76S;141.28E, h111km,20km, mb3.0/4, mb1.3/5, mb1mx3.1/29, mbtmp3.5/5, Error ellipse: s-maj=53.7km s-min=18.8km az=100.5, New Guinea

ICD 04 15:12:47.7,1.0,19.67S;70.95W, h0km, mb3.9/7, mb1.4/1,0, mb1mx4.0/27, mbtmp4.0/10, ML4.0/3, Error ellipse: s-maj=28.1km s-min=16.4km az=59.0

NEIC 04 15:12:48.6,2.2,19.79S;0.04,71.05W,0.04, h10km,11km, mb4.7/7, Mw4.2/42, ML4.4(GUC), Error ellipse: s-maj=8.1km s-min=3.9km az=313.0

NEIC 04 15:12:50.19,77S;71.00W, h18km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mr1.85; Mw0.14; M0=1.99; M0.03; Mw0.16; M0=1.67; Fault plane solution: M2: 6800x10^15; IP1: 1.1, 05000; g25: 71000; P1: 17, 91000; NP2: 160, 59000; 867, 46000; 1,77, 30000; Principal axes: T 2.6780, Pg165, 0000; Azm49, 0000; N 0.0053, Plg12, 0000; Azm166, 0000; P -2.6833, Plg21, 0000; Azm260, 0000;

GUC 04 15:12:52.2,0.7,19.78S;70.99W, h21km,4km, ML4.4 VAO 04 15:12:54.4,1.3,19.88S;70.99W, h74km,8km, mb4.4 ISC 04 15:12:48.5,2.8,19.80S;0.03,71.09W,0.05, h14km,18km, n69, r134/80, mb4.3/8, 13C-2D, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for codes TA01 through PB04.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for codes GUMO through PB12.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SDCO Great Sand Dun, E60A Ste Agathe de, E58A La Victoria, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ZALV Zalesovo Beam, MAKZ Makanchi, MKR1 Makanchi Array, etc.

NEIC 04 15:52:48.2, 1.8, 20:55S:0:03:71.04W:0:05, h10km, 1km, m4, 4/2, Error ellipse: s-maj=7.3km s-min=5.5km

GUC 04 15:52:52.4, 0.8, 20:55S:70:91W, h32km, 2km, ML3.5

ISC 04 15:52:47.2, 1.6, 20:49S:0:03:71.08W:0:06, h12km, 9km, n38, f109/60, 13C, Off coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TA01 Diego Arrarona, PATCX Punta Patache, PSGC Pisagua, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JANG Nango, JYM2 Yakumo 2, JOSH Okushiri-Mats, etc.

IDC 04 15:57:09.5, 1.2, 13:36N:120:06E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.3/53, mbtmp3.5/4, Error ellipse: s-maj=24.4km s-min=12.7km az=126.0

MAN 04 15:57:11.5, 13:39N:120:11E, h2km, mb4.5, ML3.4, MS3.2

ISC 04 15:57:10.3, 1.6, 13:44N:0:03:120:10E:0:05, h11km, 11km, n17, f138/26, mb3.5/4, 2C-2D, Mindoro

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LUBP Lubang, PGP Puerto Galera, TGY Tagaytay City, etc.

THE 04 15:59:23.6, 38:38N:20:45E, h0km, 1km, ML2.5/11, Error ellipse: s-maj=1.4km s-min=0.3km az=288.0

ATH 04 15:59:23.1, 38:37N:20:49E, h10km, 3km, ML2.6/2, Error ellipse: s-maj=3.7km s-min=0.9km az=268.0

ISC 04 15:59:22.8, 0.9, 38:39N:0:02:20:42E:0:03, h11km, 5km, n35, f093/57, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KEF1 Kardakata, VSK1 VASILIKIADES, KEF4 Livadi, FSK Fiskardo, etc.

IDC 04 15:56:46.8, 2.4, 41:24N:140:00E, h150km, 22km, mb3.0/2, mb1 3.0/4, mb1mx2.7/56, mbtmp3.3/4, Error ellipse: s-maj=120.4km s-min=20.1km az=117.0

JMA 04 15:56:47.4, 0.1, 41:00N:140:44E, h130km, 1km, M2.2

ISC 04 15:56:47.1, 1.1, 41:00N:0:04:140:50E:0:08, h133km, 7km, n20, f063/31, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JS12 Shira, JHS1 Hiroshikiyakuzi, JTH Tenmabayakuzi, etc.

NEIC 04 16:02:41.5, 20:47S:70:91W, h9km, Moment Tensor Solution, Moment tensor: Scale 10^16Nm, Mr1.51, Mw1.64, Mw0.23, Mw0.26, Mw0.21, Mw0.20; Fault plane solution: M1:76000:10^16 NP1:76.54000:0.6275000, 157.51000: NP2:76.248000:85.07000:

λ 116.41000°. Principal axes: T 1.8086, Plg68.0000°, Azm263.0000°; N -0.1030, Plg21.0000°, Azm102.0000°; P -1.7056, Plg7.0000°, Azm9.0000°;
 IDC 04 16:02:41.1±0.6, 20.335; 70.80W, h0km, mb4.3/1, mb1 4.5/13, mb1mx3.30, mbtmp4.3/13, ML4.3/2, MS3.9/19, Ms1 3.9/19, ms1mx3.8/26 Error ellipse: s-maj=25.8km s-min=12.5km az=65.0
 NEIC 04 16:02:41.1±2.8, 20.495; 0.03; 70.91W, 0.05, h1.02km, j1km, mb4.9/9, Mwr4.8/35, Mww4.8, Error ellipse: s-maj=8.8km s-min=5.0km az=250.0
 GUC 04 16:02:42.6±9.20; 44S: 70.80W, h34km, 5km, ML4.1
 NEIC 04 16:02:44.20; 42S: 70.75W, h10km, Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; Mr1.64; Mw-1.65; Mw0.01; Mw-0.23; Mw-0.40; Mw-0.81; Fault plane solution: M1.89000°/101°E NP1±303.00000°, s56.00000°, λ 116.00000°. NP2±83.00000°, s42.00000°, s58.00000°. Principal axes: T 1.9783, Plg68.0000°, Azm267.0000°; N -0.1829, Plg21.0000°, Azm16.0000°; P -1.7955, Plg7.0000°, Azm16.0000°;
 VAO 04 16:02:47.9±1.2, 20.405; 70.62W, h47km, 13km, mb4.3
 GCMT 04 16:02:48.1±0.2, 20.425; 0.01; 70.74W, 0.03, h13km, MW4.9/95, Moment Tensor Solution. s35.c40; s95.c130; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr2.14±.13; PSGC 0.02±.08; Mw-0.05±.10; Mw-0.83±.19; Mw-0.67±.06; Mw-0.70±.32; Best double couple: Mw2.47900°/101°E NP1±96.00000°, s34.00000°, λ 72.00000°. NP2±297.00000°, s58.00000°, λ 101.00000°. Principal axes: T 2.4400, Plg74.0000°, Azm237.0000°; N 0.0740, Plg10.0000°, Azm111.0000°; P -2.5180, Plg13.0000°, Azm19.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 16:02:42.3±1.5, 20.45S±0.02; 70.78W±0.05, h9km, gcm, n194, s1927/197, mb4.5/14, MS4.0/17, 4C-11D, Near coast of northern Chile

Code	Station Name	Δ°	AZ ^o	Phase ID	ISC	Time	Res
						h m s	ISC
TA01	Diego Aracena	0.57	102	J/P	Pg	16 02 53.7	+0.2
TA01				I/S	Sg	16 03 01.9	+0.9
TA01				IAML		16 03 03.4	
PATCX	Punta Patache	0.69	122	J/P	Pg	16 02 55.8	+0.1
PATCX				I/S	Pn	16 03 09.4	+0.1
PATCX				I/S	Sg	16 02 56.2	+0.5
PATCX				Sn	Pn	16 03 09.4	+0.1
PSGC	Pisagua	1.05	36	J/P	Pb	16 03 11.1	-1.6
PSGC				eS	Sb	16 03 15.3	-1.4
PSGC				Pb	Pb	16 03 01.2	-1.6
PSGC				Sn	Pn	16 03 18.2	+0.1
PSGC				Sn	Pn	16 03 04.0	-1.3
PSGC				eS	Sb	16 03 03.9	-1.4
PSGC				eS	Sb	16 03 22.0	-0.8
PSGC				IAML		16 03 27.0	
PSGC				IAML		16 03 04.7	-1.6
PSGC				IAML		16 03 23.8	+0.9
PSGC				IAML		16 03 06.5	-0.9
PSGC				IAML		16 03 24.4	-1.0
PSGC				IAML		16 03 28.0	
PSGC				IAML		16 03 06.8	-0.5
PSGC				IAML		16 03 10.1	-0.5
PSGC				IAML		16 03 29.7	-0.1
PSGC				IAML		16 03 40.1	
PSGC				IAML		16 03 09.4	-0.4
PSGC				IAML		16 03 09.4	-0.4
PSGC				IAML		16 03 30.8	-0.3
PSGC				IAML		16 03 34.5	
PSGC				IAML		16 03 11.9	-0.4
PSGC				IAML		16 03 12.0	-0.4
PSGC				IAML		16 03 12.4	-0.4
PSGC				IAML		16 03 35.5	-0.7
PSGC				IAML		16 03 12.7	0.0
PSGC				IAML		16 03 14.4	-0.1
PSGC				IAML		16 03 47.3	
PSGC				IAML		16 03 13.9	-0.8
PSGC				IAML		16 03 38.5	-0.1
PSGC				IAML		16 03 46.2	
PSGC				IAML		16 03 13.9	-0.8
PSGC				IAML		16 03 15.3	-0.6
PSGC				IAML		16 03 41.8	+1.0
PSGC				IAML		16 03 53.3	
PSGC				IAML		16 03 15.4	-0.6
PSGC				IAML		16 03 17.3	+1.3
PSGC				IAML		16 03 44.1	+1.1
PSGC				IAML		16 03 55.9	
PSGC				IAML		16 03 17.5	-0.9
PSGC				IAML		16 03 17.4	-0.4
PSGC				IAML		16 03 24.1	+1.5
PSGC				IAML		16 03 56.4	-0.2
PSGC				IAML		16 04 04.1	
PSGC				IAML		16 03 24.1	+1.5
PSGC				IAML		16 03 21.5	-1.1
PSGC				IAML		16 03 52.4	-0.3
PSGC				IAML		16 03 22.9	-0.6
PSGC				IAML		16 03 45.8	+0.8
PSGC				IAML		16 03 28.6	+1.5
PSGC				IAML		16 04 03.7	-2.6
PSGC				IAML		16 04 08.1	
PSGC				IAML		16 04 13.0	
PSGC				IAML		16 03 28.4	+1.3
PSGC				IAML		16 03 28.7	+1.5
PSGC				IAML		16 04 01.4	+0.5
PSGC				IAML		16 03 31.5	+1.2
PSGC				IAML		16 04 11.1	-1.9
PSGC				IAML		16 03 30.2	0.0
PSGC				IAML		16 03 42.1	+1.8
PSGC				IAML		16 03 44.5	-2.0
PSGC				IAML		16 03 54.5	-0.8
PSGC				IAML		16 04 02.1	-5.6
PSGC				IAML		16 03 56.8	+0.9
PSGC				IAML		16 09 18.3	
PSGC				IAML		16 05 09.1	-0.4
PSGC				IAML		16 05 52.7	-2.6
PSGC				IAML		16 12 03.3	
PSGC				IAML		16 06 04.2	+1.4
PSGC				IAML		16 06 15.8	+0.8
PSGC				IAML		16 06 42.1	+0.8
PSGC				IAML		16 07 17.4	-0.3
PSGC				IAML		16 07 15.0	-2.6
PSGC				IAML		16 07 25.6	
PSGC				IAML		16 07 19.3	-0.3
PSGC				IAML		16 07 46.6	
PSGC				IAML		16 07 37.8	-2.1
PSGC				IAML		16 07 07.6	
PSGC				IAML		16 07 38.8	-1.1
PSGC				IAML		16 07 46.1	-4.7
PSGC				IAML		16 07 50.1	+7.5
PSGC				IAML		16 07 56.1	+4.9
PSGC				IAML		16 07 56.8	-3.9
PSGC				IAML		16 08 04.0	+0.9
PSGC				IAML		16 08 03.7	-2.0
PSGC				IAML		16 18 37.0	
PSGC				IAML		16 08 15.9	+3.3
PSGC				IAML		16 08 17.4	+2.0
PSGC				IAML		16 08 18.5	-0.2

CBOC	Ciudad Bolivar	26.65	348	eP	P	16 08 24.0	+2.3
SDV	Santo Domingo	29.15	0	P	P	16 08 44.0	-0.2
SDV		comp=Z, 1.2nm, 0.3s, baz=288, slow=3.2, SNR=4.2					
SDV		comp=Z, 437nm, 20.4s, baz=154, slow=35				16 19 31.7	
SMLC	San Martin de	29.25	353	eP	P	16 08 42.0	-2.8
SJCC	San Jacinto, C	30.47	351	eP	P	16 08 54.9	-0.8
RPN	Rapa Nui	35.80	252	LR	LR	16 20 51.2	
APG	El Apazole	40.20	330	P	P	16 10 18.6	-0.9
V59A	Middlesex	56.35	353	P	P	16 12 24.6	+0.9
V58A	Windy Hill, Pi	56.49	352	P	P	16 12 25.4	+0.7
TKL	Tuckaleechee C	57.15	347	LR	LR	16 38 30.0	
T58A	Grand View Acr	57.55	353	P	P	16 12 33.4	+1.2
T51A	Gran	58.44	348	P	P	16 12 38.7	+0.3
WVT	Waverly	58.54	344	P	P	16 12 39.3	+0.2
TXAR	Lajas Array	58.78	326	P	P	16 12 40.5	-0.6
TXAR		comp=Z, 2.0nm, 1.0s, baz=144, slow=8.8, SNR=9.8				16 36 13.9	
TXAR	Lajas Array	58.78	326	P	P	16 12 40.4	-0.7
TX31	Lajas Ar, Si	58.78	326	P	Iamb	16 12 40.1	-1.0
TX31		comp=Z, 8.3nm, 1.4s				16 12 42.5	
R58A	Rapid	58.83	353	P	P	16 12 41.6	+0.5
MIAR	Mount Ida	58.83	338	P	P	16 12 41.4	+0.2
MIAR	Mount Ida	58.83	338	P	Iamb	16 12 39.7	-1.5
MIAR		comp=Z, 1.9nm, 1.1s				16 12 48.4	
R57A	Stanardsville	58.89	353	P	P	16 12 42.5	+1.0
T49A	Edmonton	58.91	346	P	P	16 12 41.9	+0.1
W41B	Gary Mavity, V	58.95	340	P	P	16 12 41.9	-0.2
W39A	Magazine	59.49	338	P	P	16 12 46.5	+0.8
ABTX	Abilene Hawle	59.56	332	P	P	16 12 46.5	+0.2
Q57A	Strasburg	59.60	353	P	P	16 12 47.2	+0.7
Q56A	Grades Ridge,	59.70	352	P	P	16 12 48.1	+0.9
P57A	Homestead Farm	60.00	354	P	P	16 12 51.1	+1.9
U40A	Yellville	60.23	340	P	P	16 12 50.6	-0.3
O57A	Amber	60.68	354	P	P	16 12 55.1	+1.2
WMOK	Wichita Mounta	61.00	334	P	P	16 12 56.3	+0.2
O51A	Pataksala	61.28	350	P	P	16 12 58.3	+0.3
CCM	Cathedral Cave	61.29	342	P	P	16 12 58.2	+0.2
R40A	Maddies Statio	61.55	327	P	Iamb	16 12 59.5	-0.5
M55A	Ridgway	62.05	353	P	P	16 12 59.5	-2.1
VNA2	Neuwayer-Watz	62.22	161	P	Iamb	16 13 07.6	
N49A	Columbus Grove	62.32	349	P	P	16 13 04.1	+1.5
L61A	Hillsdale 1, H	62.38	358	P	P	16 13 06.2	+1.0
L54A	Sinclairville	62.87	353	P	P	16 13 09.4	+0.9
K59A	Cooperstown	63.02	357	P	P	16 13 10.8	+1.2
J56A	Wolcott	63.66	355	P	P	16 13 15.3	+1.7
J59A	Piesco	63.69	357	P	P	16 13 15.4	+1.4
SNA4	Sanae	63.84	161	P	Iamb	16 13 16.0	+1.2
SNA4		comp=Z, 14nm, 1.3s				16 13 16.8	
LBNH	Lisbon	64.38	359	P	P	16 13 19.8	+1.3
I51A	Listowel	64.62	352	P	P	16 13 21.0	+0.9
H58A	Gabriels	64.63	357	P	P	16 13 20.5	+0.4
H54A	Frankford	64.66	355	P	P	16 13 21.2	+1.0
H61A	Lyndonville	64.67	359	P	P	16 13 21.7	+1.3
ANMO	Albuquerque	64.68	328				

YKA Yellowknife Ar 73.33 28 P P 17 26 18.9 +0.2
FINES FINES Array B 80.53 34 P P 17 26 59.4 +0.1
BRTR Keskin Array B 86.56 314 P P 17 27 39.8 -0.7

NEIC 04 17:21:40.5, 19:72:5.71:04W, h2km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=0.7; Mw=0.08; Ms=2.16; Mn=0.34; Mo=0.26; Mr=0.76; Fault plane solution: M2.29000x10^15 Np1.359.70000; S35.13000; A78.89000; NP2.99193.20000; 855.62000; 1.97.72000; Principal axes: T 2.2473, Plg78.0000; Azm1.130.0000; N 0.0868, Plg6.0000; Azm3.0000; P -2.3341, Plg10.0000; Azm278.0000;

NEIC 04 17:21:41.4, 19.71:5.05:71:06W, h19km, gkm, mb3.9/1, Mw4.2/7, ML4.2(GUC) Error ellipse: s-maj=10.6km s-min=7.1km az=103.0

GUC 04 17:21:42.8, 0.7, 19.69:5.70:98W, h2km, 3km, ML4.3 VAO 04 17:21:47.4, 1.4, 19.81:5.70:90W, h72km, 7km, mb4.1 ISC 04 17:21:40.4, 1.9, 19.74:5.03:71:07W, 0.07, h9km, 11km, n44, c1925/60, 9C-3D, Off coast of northern Chile

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations like PSGC Pisagua, PATCX Punta Patache, etc.

ISU 04 17:28:42.0, 41:30N, 72:40E, h5km SOME 04 17:28:43.1, 41:02N, 72:57E, h10km KRNET 04 17:28:45.0, 0.1, 41:19N, 72:50E, h15km, mb2.8 NNC 04 17:28:46.1, 1.4, 41:19N, 72:55E, h0km, mb3.2, mpv2.9, Error ellipse: s-maj=11.3km s-min=4.4km az=170.0 ISC 04 17:28:43.9, 1.2, 41.08N, 0.04:72.64E, h11km, 13km, n39, c124/62, 16C-12D, Kyrgyzstan

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like ARSB Arslanbob, ARS Arslanbob, ANR Andizhan, etc.

Table with columns: AAK, Ala-Archa, Delta Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like AAK Ala-Archa, AAK Karayagbulak, CHMS Chumysh, etc.

NEIC 04 17:36:35.5, 1.6, 19:50:5.0:04:69:14W, 0.07, h14km, 5km, mb4.1/4, Error ellipse: s-maj=9.1km s-min=5.8km az=82.0 VAO 04 17:36:37.8, 0.7, 19:49:5.69:04W, h136km, 9km, mb4.3 IDC 04 17:36:37.5, 1.8, 19:49:5.68:2W, h128km, 17km, mb3.6/4, mb1.3, 8/7, mb1mx3.5/32, mbmtpp4.1/7, Error ellipse: s-maj=36.5km s-min=16.7km az=105.0 ISC 04 17:36:35.2, 0.7, 19.47:5.05:69:15W, 0.07, h105km, n35, c165/37, mb3.9/3, Northern Chile

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like GO01 Chusmiza, MNMC Minye Minye, PSGC Pisagua, etc.

886.96000; lambda-82.84000; NP2.99193.20000; delta.778000; lambda-156.90000; Principal axes: T 1.9758, Plg42.0000; Azm61.0000; N 0.0957, Plg7.0000; Azm158.0000; P -2.0715, Plg48.0000; Azm255.0000; NEIC 04 17:36:52.1, 1.5, 19:95:5.0:04:70:88W, 0.05, h17km, 3km, mb4.7/49, Mw4.1/42, ML4.3(GUC) Error ellipse: s-maj=7.5km s-min=5.9km az=96.0 GUC 04 17:36:54.7, 0.7, 19.92:5.70:78W, h23km, 3km, ML4.4 ISC 04 17:36:49.9, 2.1, 19.93:5.03:70:93W, 0.05, h1km, 13km, n123, c190/123, mb4.7/26, MS3.4/3, 1C, Near coast of northern Chile

Table with columns: Code, Station Name, Delta Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like PSGC Pisagua, PATCX Punta Patache, GO01 Chusmiza, etc.

4d 18h

W58A	Raeford	55.33 352	P	P	18 17 07.0 +0.6
X54A	Belton	55.38 348	P	P	18 17 06.8 0.0
833A	Chapal WMA,	55.44 329	P	P	18 17 08.0 +0.6
V62A	Hyde County Ai	55.50 355	P	P	18 17 07.7 +0.1
X53A	Estanollee	55.52 347	P	P	18 17 07.6 -0.2
W57A	Gilead	55.57 351	P	P	18 17 08.3 +0.2
W57A	Gilead	55.57 351	I	Amb	18 17 07.7 -0.4
W57A	Gilead	55.57 351	I	Amb	18 17 09.5
W56A	Indian Trail	55.64 350	P	P	18 17 09.0 +0.3
W54A	Cherokee Point	55.87 349	P	P	18 17 10.5 +0.2
X51A	Calhoun	55.91 346	P	P	18 17 10.5 -0.2
V59A	Middlesex	55.94 353	P	P	18 17 11.4 +0.6
V58A	Windy Hill, Pi	56.08 352	P	P	18 17 11.7 0.0
V57A	Coltrane Farms	56.26 351	P	P	18 17 13.3 +0.2
V56A	Mocksville	56.29 351	P	P	18 17 13.7 +0.4
X48A	Hartselle	56.34 344	P	I	18 17 13.3 -0.4
X48A	Hartselle	56.34 344	I	Amb	18 17 14.3
V55A	Taylorsville	56.45 350	P	P	18 17 14.8 +0.3
V55A	Taylorsville	56.45 350	P	I	18 17 14.5 +0.1
V55A	Taylorsville	56.45 350	I	Amb	18 17 16.0
V54A	Nebo	56.45 349	P	P	18 17 14.9 +0.1
U50A	Oxford	56.59 353	P	P	18 17 15.7 +0.3
U58A	Signal Mountai	56.63 346	P	P	18 17 15.1 -0.7
CPCT	Cooper Cave	56.69 347	P	P	18 17 15.8 -0.3
CPCT	Cooper Cave	56.69 347	I	Amb	18 17 17.0
TKL	Tuckaleechee C	56.73 347	P	P	18 17 16.5 +0.1
TKL	Tuckaleechee C	56.73 347	I	Amb	18 17 17.1
TKL	Tuckaleechee C	56.73 347	I	Amb	18 17 17.1
U57A	Blanch	56.73 352	P	P	18 17 16.5 +0.1
SWET	Sewanee	56.79 345	P	I	18 17 16.3 -0.6
SWET	Sewanee	56.79 345	I	Amb	18 17 17.4
U56A	Sevierville	56.80 351	P	P	18 17 17.1 +0.1
V52A	Sevierville	56.87 348	P	I	18 17 17.0 -0.5
V52A	Sevierville	56.87 348	I	Amb	18 17 18.2
V51A	Loudon	56.99 347	P	P	18 17 18.2 -0.1
V51A	Loudon	56.99 347	I	Amb	18 17 19.0
Z41A	Richland Creek	57.00 338	P	P	18 17 19.2 +0.8
T59A	Double "B" Far	57.05 354	P	P	18 17 19.2 +0.5
T59A	Double "B" Far	57.05 354	I	Amb	18 17 20.3
T59A	Double "B" Far	57.05 354	I	Amb	18 17 20.3
OXF	Oxford	57.05 342	P	P	18 17 18.6 -0.1
U55A	TA2, Sparta	57.05 350	P	P	18 17 19.1 +0.3
PL12	Pickwick Lake	57.12 343	P	P	18 17 18.1 -1.0
T58A	Grand View Acr	57.14 353	P	P	18 17 19.9 +0.6
T60A	Surry	57.14 354	P	P	18 17 19.8 +0.5
U54A	Nelsons Funny	57.20 349	P	P	18 17 19.9 +0.1
U54A	Nelsons Funny	57.20 349	I	Amb	18 17 20.9
T57A	Hurt	57.28 352	P	P	18 17 20.5 +0.2
T56A	Rocky Mt	57.42 351	P	P	18 17 21.8 +0.5
WLAR	White Oak Lake	57.50 338	P	P	18 17 22.9 +1.1
V48A	Smith Brothers	57.50 345	P	P	18 17 21.4 -0.5
V48A	Smith Brothers	57.50 345	I	Amb	18 17 22.6
TZTN	Tazewell	57.54 348	P	P	18 17 21.8 -0.4
T55A	Pulaski	57.61 351	P	P	18 17 23.2 +0.5
BLA	Blacksburg	57.65 351	P	P	18 17 23.4 +0.4
T54A	Tazewell	57.69 350	P	P	18 17 23.2 -0.1
CLTN	Cedars of Leba	57.72 345	P	I	18 17 23.1 -0.3
CLTN	Cedars of Leba	57.72 345	I	Amb	18 17 24.1
SS8A	Poland Farm, P	57.74 353	P	P	18 17 23.7 +0.2
T53A	Wise	57.78 349	P	P	18 17 23.7 -0.2
T52A	Hallie	57.98 349	P	P	18 17 25.1 -0.2
S56A	Natural Bridge	57.99 352	P	P	18 17 25.8 +0.5
U49A	Red Boiling Sp	57.99 346	P	I	18 17 24.9 -0.4
U49A	Red Boiling Sp	57.99 346	I	Amb	18 17 25.8
S57A	Dark Hollow, R	57.99 352	P	P	18 17 25.8 +0.5
S57A	Dark Hollow, R	57.99 352	I	Amb	18 17 25.2 -0.1
S57A	Dark Hollow, R	57.99 352	I	Amb	18 17 27.1
T51A	Gray	58.03 348	P	P	18 17 25.3 -0.3
R58B	Mineral	58.07 353	P	P	18 17 26.2 +0.4
R58B	Mineral	58.07 353	I	Amb	18 17 26.5 +0.7
R58B	Mineral	58.07 353	I	Amb	18 17 27.7
WVT	Waverly	58.13 344	P	P	18 17 25.5 -0.8
WVT	Waverly	58.13 344	I	Amb	18 17 25.5 -0.8
WVT	Waverly	58.13 344	I	Amb	18 17 25.5 -0.8
S55A	Lewisburg	58.21 351	P	P	18 17 27.6 +0.7
T50A	Nancy	58.27 347	P	P	18 17 26.9 -0.4
S54A	Dingess, Beckl	58.37 350	P	P	18 17 28.1 +0.1
R58A	Rapidan	58.41 353	P	P	18 17 28.3 +0.1
TX32	Lajitas Array	58.41 326	P	P	18 17 29.0 +0.4
TXAR	Lajitas Array	58.41 326	P	P	18 17 29.3 +0.7
TXAR	Lajitas Array	58.41 326	P	P	18 17 29.1 +0.5
TX31	Lajitas Ar, Si	58.42 326	P	P	18 17 28.9 +0.3
MIAR	Mount Ida	58.43 338	P	P	18 17 28.8 +0.3
MIAR	Mount Ida	58.43 338	I	Amb	18 17 29.9
R57A	Stanardsville	58.47 353	P	P	18 17 29.4 +0.8
T49A	Edmonton	58.50 346	P	P	18 17 28.6 -0.3
T49A	Edmonton	58.50 346	I	Amb	18 17 28.6 -0.3
T49A	Edmonton	58.50 346	I	Amb	18 17 29.5
W41B	Gary Mavity, V	58.55 339	P	P	18 17 29.1 -0.1
S51A	Beattyville	58.61 348	P	P	18 17 29.2 -0.4
R55A	Marlinton	58.66 351	P	P	18 17 30.6 +0.6
WHAR	Woolly Hollow	58.67 339	P	P	18 17 29.9 -0.2
WHAR	Woolly Hollow	58.67 339	I	Amb	18 17 31.1
R54A	Victor	58.69 351	P	P	18 17 30.4 +0.2

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T47A	Sharon Grove	58.76 345	P	P	18 17 30.2 -0.5
S50A	Richmond	58.81 347	P	P	18 17 30.8 -0.3
Q58A	Fox Den Farm,	59.02 354	P	P	18 17 32.9 +0.5
LCAR	Lake Charles	59.02 341	P	I	18 17 32.2 -0.4
LCAR	Lake Charles	59.02 341	I	Amb	18 17 33.1
W39A	Magazine	59.09 338	P	P	18 17 33.5 +0.5
S49A	Springfield	59.10 347	P	P	18 17 32.2 -0.9
ABTX	Ablene, Hawle	59.17 332	P	P	18 17 34.0 +0.3
ABTX	Ablene, Hawle	59.17 332	P	I	18 17 34.0 +0.3
ABTX	Ablene, Hawle	59.17 332	I	Amb	18 17 35.2
Q57A	Strasburg	59.19 353	P	P	18 17 34.7 +1.1
R51A	Hillsboro	59.25 348	P	P	18 17 34.0 -0.1
Q56A	Snyder Ridge,	59.28 352	P	P	18 17 35.5 +1.1
Q56A	Snyder Ridge,	59.28 352	P	P	18 17 35.0 +0.6
Q55A	Buckhannon	59.35 352	P	P	18 17 35.8 +1.0
R50A	Paris	59.38 348	P	P	18 17 34.3 -0.6
Q53A	Leroy	59.43 350	P	P	18 17 35.0 -0.3
Q54A	Coxs Mills	59.45 351	P	P	18 17 35.1 -0.3
Q54A	Coxs Mills	59.45 351	P	I	18 17 35.6 +0.2
Q54A	Coxs Mills	59.45 351	I	Amb	18 17 36.4
PBMO	Poplar Bluff	59.46 342	P	I	18 17 35.2 -0.4
PBMO	Poplar Bluff	59.46 342	I	Amb	18 17 36.1
P58A	Pank, Wackers	59.52 354	P	P	18 17 36.9 +1.0
P57A	Homestead Farm	59.59 354	P	P	18 17 37.2 +0.8
P57A	Homestead Farm	59.59 354	P	I	18 17 37.3 +0.9
P57A	Homestead Farm	59.59 354	I	Amb	18 17 38.8
Q52A	Bidwell	59.66 350	P	P	18 17 36.5 -0.4
P56A	Dayton Farm, R	59.70 353	P	P	18 17 37.9 +0.7
P60A	Greenville	59.70 356	P	P	18 17 37.3 +0.2
P55A	Reedsville	59.83 352	P	P	18 17 38.1 +0.1
U40A	Yellville	59.83 339	P	I	18 17 38.0 -0.1
U40A	Yellville	59.83 339	I	Amb	18 17 39.1
Q50A	Georgetown	59.85 348	P	P	18 17 38.2 0.0
T42A	Van Buren	59.89 341	P	P	18 17 37.9 -0.6
Q51A	Peebles	59.91 349	P	P	18 17 38.9 +0.3
MV1	Millersville	59.94 355	P	P	18 17 39.0 +0.2
MV1	Millersville	59.94 355	I	Amb	18 17 40.5
MCWV	Mont Chateau	59.98 352	P	P	18 17 39.8 +0.7
S44A	Carbondale	59.98 343	P	P	18 17 39.1 -0.1
SIUC	Southern Illin	59.99 343	P	P	18 17 39.0 -0.2
P54A	Burton	60.01 351	P	P	18 17 39.9 +0.6
P53A	Whipple	60.03 351	P	P	18 17 39.4 0.0
O59A	Robesonia	60.24 355	P	P	18 17 41.4 +0.5
O57A	Ambersson	60.27 354	P	P	18 17 41.9 +0.8
P52A	Corning	60.29 350	P	P	18 17 40.7 -0.5
P51A	Williamsport	60.30 349	P	P	18 17 41.0 -0.3
O56A	Blue Knob Stat	60.42 353	P	P	18 17 43.2 +1.0
O56A	Blue Knob Stat	60.42 353	P	P	18 17 42.9 +0.7
O55A	Ligonier	60.45 353	P	P	18 17 43.1 +0.8
TUL1	Leonard	60.46 337	P	P	18 17 42.7 +0.3
TUL1	Leonard	60.46 337	P	P	18 17 42.7 +0.3
O54A	Leonard	60.56 352	P	P	18 17 43.0 -0.1
FVM	French Village	60.58 342	P	I	18 17 43.0 -0.2
FVM	French Village	60.58 342	I	Amb	18 17 44.1
N62A	Caumsett State	60.70 358	P	P	18 17 44.1 +0.2
O52A	Adamsville	60.71 350	P	P	18 17 43.9 -0.2
SSPA	Standing Stone	60.71 354	P	P	18 17 44.8 +0.8
N57A	Milroy	60.80 354	P	P	18 17 45.0 +0.4
N58A	Sunbury	60.81 355	P	P	18 17 45.5 +0.8
N59A	State Game Lan	60.81 356	P	P	18 17 45.3 +0.5
O51A	Pataskala	60.87 350	P	P	18 17 45.0 -0.2
CCM	Cathedral Cave	60.89 342	P	P	18 17 45.2 -0.1
CCM	Cathedral Cave	60.89 342	P	I	18 17 44.8 -0.5
CCM	Cathedral Cave	60.89 342	I	Amb	18 17 46.1
N55A	Marion Center	60.98 353	P	P	18 17 46.8 +0.9
ACSO	Alum Creek Sta	61.02 349	P	P	18 17 46.0 -0.1
ACSO	Alum Creek Sta	61.02 349	P	I	18 17 45.9 -0.2
ACSO	Alum Creek Sta	61.02 349	I	Amb	18 17 46.7
N56A	West Decatur	61.03 354	P	P	18 17 47.0 +0.7
O50A	Cable	61.05 349	P	P	18 17 46.4 0.0
M60A	Port Jervis	61.15 357	P	P	18 17 47.1 +0.1
MNTX	Cornudas Mount	61.19 327	P	P	18 17 47.9 +0.4
MNTX	Cornudas Mount	61.19 327	P	P	18 17 47.1 -0.4
MNTX	Cornudas Mount	61.19 327	I	Amb	18 17 48.6
M62A	Hamden	61.19 358	P	P	18 17 47.7 +0.5
N53A	Lisbon	61.24 351	P	P	18 17 48.0 +0.3
M64A	Tiverton	61.27 360	P	P	18 17 47.6 -0.2
N54A	Moraine State	61.28 352</			

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H59A	Cadyville	64.42	358	P	P	18 18 09.5	+0.7
H65A	Eastbrook	64.46	2	P	P	18 18 09.8	+0.8
H56A	Elgin	64.50	356	P	P	18 18 09.6	+0.4
CBKS	Cedar Bluff	64.51	335	P	P	18 18 10.0	+0.4
CBKS	Cedar Bluff	64.51	335	P	P	18 18 09.9	+0.4
TUC	Tucuman	64.59	323	P	P	18 18 11.5	+1.3
FRNY	Flat Rock	64.60	358	P	IAMB	18 18 10.3	+0.4
I49A	Point Hope	64.60	350	P	P	18 18 09.1	-0.8
I49A	Point Hope	64.60	350	P	P	18 18 09.3	-0.6
H53A	Bobcaygeon	64.68	354	P	P	18 18 10.7	+0.2
G60A	Masonville	64.83	359	P	P	18 18 12.8	+1.4
G63A	Kingsbury	64.84	1	P	P	18 18 12.7	+1.2
G57A	Newington	64.93	357	P	P	18 18 12.7	+0.6
G58A	Ormswton	64.93	357	P	P	18 18 12.7	+0.6
SADO	Sadow	64.93	353	P	P	18 18 11.9	-0.2
G62A	West of Eustis	64.94	0	P	P	18 18 13.3	+1.2
G62A	West of Eustis	64.94	0	P	P	18 18 12.8	+0.7
G65A	Sherman	64.98	3	P	P	18 18 13.3	+0.9
I48A	Sherman Twp	64.99	350	P	P	18 18 12.1	-0.4
G64A	Maxfield	65.00	2	P	P	18 18 13.0	+0.5
PKME	Peaks-Kenny Pk	65.00	1	P	P	18 18 13.3	+0.9
G61A	St-Isidore-de-	65.00	359	P	P	18 18 13.3	+0.8
T25A	Trinidad	65.09	331	P	P	18 18 14.9	+1.3
JFWS	Jewell Farm	65.14	344	P	P	18 18 14.0	+0.5
G55A	Calabogie	65.19	355	P	P	18 18 14.2	+0.4
G53A	Haliburton	65.23	354	P	P	18 18 14.1	+0.1
G54A	Lake Saint Pet	65.45	354	P	P	18 18 15.6	+0.2
214A	Organ Pipe Nat	65.50	321	P	P	18 18 18.1	+2.0
214A	Organ Pipe Nat	65.50	321	P	IAMB	18 18 17.7	+1.5
F59A	Saint Guilaume	65.59	358	P	P	18 18 17.5	+1.2
F64A	Sherman	65.62	2	P	P	18 18 17.1	+0.6
F61A	St Evariste	65.69	360	P	P	18 18 17.7	+0.7
F60A	Warwick	65.69	359	P	P	18 18 17.8	+0.8
X18A	Snowflake	65.79	325	P	P	18 18 18.9	+0.7
KSC0	Kaye Shedlock	65.86	333	P	P	18 18 19.3	+0.9
KSC0	Kaye Shedlock	65.86	333	P	IAMB	18 18 19.1	+0.8
F52A	Sundridge	65.97	353	P	P	18 18 18.9	+0.1
ALGO	Algonquin Park	66.00	354	P	P	18 18 19.2	+0.2
L34A	Svendsen Farm	66.06	339	P	P	18 18 19.6	+0.1
SDCO	Great Sand Dun	66.09	330	P	P	18 18 21.3	+1.2
SDCO	Great Sand Dun	66.09	330	P	IAMB	18 18 21.0	+0.9
E60A	Ste Agathe de	66.09	360	P	P	18 18 19.9	+0.3
E58A	La Victoria	66.13	358	P	P	18 18 20.3	+0.5
F51A	Arnstein	66.16	353	P	P	18 18 20.3	+0.2
E63A	Oxbow	66.17	2	P	P	18 18 20.6	+0.5
BGNE	Belgrade	66.18	338	P	P	18 18 20.4	+0.1
BGNE	Belgrade	66.18	338	P	P	18 18 20.4	+0.1
E64A	Bridgewater	66.19	2	P	P	18 18 20.6	+0.5
E57A	Chemin Saint G	66.20	357	P	P	18 18 20.3	0.0
F49A	Sandfield	66.27	351	P	P	18 18 20.8	+0.1
E56A	St. Veronique	66.37	357	P	P	18 18 21.6	+0.3
E52A	Mattawa	66.38	354	P	P	18 18 21.3	-0.1
E53A	Dumoine, Ponti	66.39	355	P	P	18 18 21.8	+0.4
E54A	Lac Duplat, Po	66.40	355	P	P	18 18 21.7	+0.2
F48A	Evansville	66.42	351	P	P	18 18 22.4	+0.7
X16A	Lo Mia Camp, P	66.52	324	P	P	18 18 24.4	+1.5
X16A	Saint Jean D'O	66.63	360	P	P	18 18 23.4	+0.5
S22A	4UR Ranch, Cre	66.71	330	P	P	18 18 25.2	+1.1
E51A	C1948 Merrick	66.71	353	P	P	18 18 23.8	+0.3
F45A	CMU Biological	66.75	349	P	P	18 18 23.2	-0.5
D57A	Chemin Vers le	66.79	358	P	P	18 18 24.8	+0.7
D63A	Stockholm	66.80	2	P	P	18 18 24.9	+0.9
D62A	Allapoint, All	66.82	1	P	P	18 18 25.1	+1.0
D62A	Allapoint, All	66.82	1	P	IAMB	18 18 24.8	+0.6
D58A	Chemin du LacG	66.84	358	P	P	18 18 24.9	+0.6
D56A	ZEC Mazanza, M	66.86	357	P	P	18 18 25.2	+0.7
D58A	Sainte-Anne-du	66.87	357	P	P	18 18 24.8	+0.3
E45A	Lockeys	66.99	352	P	P	18 18 25.6	+0.3
I37A	Lemond, Waseca	67.01	342	P	IAMB	18 18 25.5	0.0
D54A	Lac Fusel, La	67.08	356	P	P	18 18 25.5	-0.4
D53A	Lac Vacive, Po	67.08	355	P	P	18 18 26.2	+0.3
D53A	Lac Vacive, Po	67.08	355	P	IAMB	18 18 25.8	-0.1
MVCO	Mesa Verde	67.10	328	P	P	18 18 28.0	+1.4
MVCO	Mesa Verde	67.10	328	P	IAMB	18 18 27.2	+0.6
LATQ	La Tuque	67.12	359	P	P	18 18 26.7	+0.6
D51A	Lot 18 Range I	67.25	354	P	P	18 18 27.1	+0.1
WUAZ	Wupatki	67.30	325	P	P	18 18 29.6	+1.9
WUAZ	Wupatki	67.30	325	P	IAMB	18 18 29.3	+1.6
K31A	O'Neill	67.46	338	P	P	18 18 28.8	+0.4
GLA	Glamis	67.47	321	P	IAMB	18 18 29.3	+0.6
GLA	Glamis	67.47	321	P	IAMB	18 18 31.9	0.0
D46A	Sault St. Mari	67.67	350	P	P	18 18 30.5	+0.9

D47A	Chapleau	67.69	351	P	P	18 18 31.0	+1.2
ECSD	EROS Data Cent	67.72	340	P	P	18 18 30.1	0.0
ECSD	EROS Data Cent	67.72	340	P	IAMB	18 18 29.9	-0.2
ECSD	EROS Data Cent	67.72	340	P	IAMB	18 18 31.2	0.0
Y12C	Blythe	67.79	322	P	P	18 18 32.5	+1.9
ISCO	Idaho Springs	67.81	332	P	P	18 18 32.1	+1.1
ISCO	Idaho Springs	67.81	332	P	P	18 18 31.4	+0.4
PDML	Parker Dam,Lak	67.96	322	P	P	18 18 33.9	+2.1
SPMN	Marine on St.	67.96	343	P	P	18 18 32.4	+0.9
IKP	In-Ko-Pah, Jac	67.96	320	P	P	18 18 34.1	+2.2
PV15	Paradox Valley	67.98	329	P	IAMB	18 18 33.3	+1.2
PV15	Paradox Valley	67.98	329	P	IAMB	18 18 35.0	0.0
SWSC	Sam W. Stewart	67.98	320	P	P	18 18 33.9	+2.1
PV13	Paradum Mtn., P	68.00	328	P	P	18 18 33.4	+1.2
PV03	Paradox Valley	68.09	328	P	P	18 18 33.9	+1.1
PV12	Saucer Basin,	68.12	329	P	P	18 18 34.0	+1.1
BC3	Big Chuckawall	68.27	321	P	P	18 18 35.8	+2.0
PV14	Lion Creek, Pa	68.27	328	P	IAMB	18 18 34.9	+1.0
PV14	Lion Creek, Pa	68.27	328	P	IAMB	18 18 42.0	0.0
PV22	Blue Mesa, Pr	68.28	329	P	IAMB	18 18 34.9	+1.0
PV22	Blue Mesa, Pr	68.28	329	P	IAMB	18 18 36.7	0.0
MONP2	Monument Peak	68.32	320	P	P	18 18 36.3	+2.0
BAR	Barrett	68.33	319	P	IAMB	18 18 35.6	+1.5
BAR	Barrett	68.33	319	P	IAMB	18 18 37.3	0.0
W13A	Hualapai Mount	68.39	323	P	P	18 18 36.6	+2.0
IRM	Iron Mountain	68.42	321	P	P	18 18 36.9	+2.1
U15A	North Rim	68.48	325	P	IAMB	18 18 36.9	+1.6
U15A	North Rim	68.48	325	P	IAMB	18 18 38.7	0.0
BELC	Belle Mtn. Jos	68.83	321	P	P	18 18 39.4	+2.0
XPFO	Pion Flat	68.84	320	P	IAMB	18 18 38.8	+1.4
XPFO	Pion Flat	68.84	320	P	IAMB	18 18 40.7	0.0
PFO	Pinyon Flats O	68.84	320	P	P	18 18 39.8	+2.4
PFO	Pinyon Flats O	68.84	320	P	P	18 18 39.6	+2.2
PFO	Pinyon Flats O	68.84	320	P	P	18 18 39.3	+1.9
PFO	Pinyon Flats O	68.84	320	P	IAMB	18 18 40.7	0.0
N23A	Red Feather La	68.84	332	P	P	18 18 38.7	+1.3
GMRC	Granite Mounta	69.18	322	P	P	18 18 41.9	+2.3
KNB	Kanal	69.20	325	P	P	18 18 41.5	+1.8
PKCU	Pink Cliffs	69.24	326	P	P	18 18 41.8	+1.7
O20A	White River Ci	69.28	330	P	P	18 18 41.5	+1.5
O20A	White River Ci	69.28	330	P	IAMB	18 18 41.3	+1.3
O20A	White River Ci	69.28	330	P	IAMB	18 18 42.6	0.0
LCMT	Little Creek M	69.42	325	P	P	18 18 42.8	+1.8
SRU	San Rafael Swe	69.58	328	P	P	18 18 43.1	+1.1
HEC	Hector,Ludlow	69.61	321	P	P	18 18 44.4	+2.3
MTPU	Mount Pierson	69.62	326	P	P	18 18 44.1	+1.7
MATO	Matagami	69.74	355	P	P	18 18 42.1	-0.3
O16A	Cas Valley	69.76	327	P	P	18 18 44.7	+1.6
SZCU	Shurtz Canyon	69.77	325	P	P	18 18 45.5	+2.3
TUQ	Turquoise Mount	69.80	322	P	P	18 18 45.4	+2.1
CCUT	Cedar City	69.86	325	P	P	18 18 46.3	+2.4
P17A	Parker Ranch,	69.97	328	P	P	18 18 45.9	+1.5
MSU	Mount Baldy Ra	69.97	327	P	P	18 18 46.3	+1.9
BFSC	Mount Baldy Ra	69.99	320	P	P	18 18 46.5	+1.9
DBIC	Dimbokro	70.06	75	P	P	18 18 44.3	-0.9
DBIC	Dimbokro	70.06	75	P	LR	18 49 18.0	0.0
DBIC	Dimbokro	70.06	75	P	IAMB	18 18 44.3	-0.9
DBIC	Dimbokro	70.06	75	P	IAMB	18 18 51.2	0.0
TMUT	Trail Mountain	70.07	328	P	P	18 18 46.6	+1.5
SHPR	Sheep Range	70.12	323	P	P	18 18 47.3	+2.0
SHPR	Sheep Range	70.12	323	P	IAMB	18 18 48.6	0.0
QSPA	South Pole Q	70.15	180	P	P	18 18 46.7	+1.7
QSPA	South Pole Q	70.15	180	P	IAMB	18 18 46.4	+1.4
QSPA	South Pole Q	70.15	180	P	IAMB	18 18 55.4	0.0
TCRU	Three Creeks R	70.18	326	P	P	18 18 47.6	+1.9
GSC	Goldstone, Bar	70.22	321	P	P	18 18 48.1	+2.2
GSC	Goldstone, Bar	70.22	321	P	P	18 18 47.5	+1.7
RDMU	Red Mountain	70.25	330	P	P	18 18 47.3	

Table with columns: QSPA, IAMB, IAMB, 19 37 02.1, KARP, Karpathos, 85.15 307, P, P, 19 36 41.2 +1.5, LIT, Litokhoron, 89.64 310, P, P, 19 37 02.0 +0.8, FINES, FINES Array B, 91.43 332, P, P, 19 37 09.4 +0.3, TXAR, Lajitas Array, 144.34 48, PKP, PKPdf, 19 43 39.6 -0.3, TXAR, Lajitas Array, 144.34 48, PKPbc, 19 43 38.0 -0.3

TRN 04 19:58:25.6, 10.81N, 62.20W, h91km, MD3.9, Near coast of Venezuela

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUIV Guiria, TRN Trinidad (W), GRGR Grenville, GRHS Sauteurs, GRSS Sisters, TOSP Speyside, GCMC Grenada, Carri, GCMC Oritupano, SVB Belmont, SVCV St. Vincent, C, SVV Soufriere Volc, SSV Crater Summit, MCLT Moule a Chique, MCLT Belfond, SLB Saint Lucia, B, SLBI, BAUV El Baul, BAUV El Baul.

BEO 04 20:08:00.0-0.9, 36.74N, 23.20E, h15km, ML5.8/9, BUJ 04 20:08:01.4-0.0, 37.29N, 23.15E, h109km, mB5.2/52, mb5.1/72

NEIC 04 20:08:07.0-1.7, 37.28N, 0.05-23.87E, 0.03, h107km, 1km, mB5.6/592, Mwb5.5/45, Mw5.5/19, Mww5.6, ML5.4 (THE), Mw5.6 (GCMT), Error ellipse: s-maj=9.7km s-min=2.7km az=205.0

PDG 04 20:08:07.5-1.3, 37.54N, 23.29E, h40km, 1km, MD5.9/12, ML5.7/14, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

ATH 04 20:08:07.4, 37.20N, 23.73E, h113km, 1km, ML5.5/411, Error ellipse: s-maj=1.9km s-min=0.8km az=306.0

MED_RC 04 20:08:07.0-0.2, 37.09N, 23.62E, h121km, 1km, MW5.6/46, Moment Tensor Solution. Body waves: s22,c31; Mantle waves: s46,c103; Duration: 1s4 Moment tensor: Scale 10^17Nm; Mr: 1.47±.04; M0: 1.29±.04; M1: 0.18±.04; M2: 0.95±.04; M3: 2.04±.04; M4: 0.79±.03; Best double couple: M2: 750000*10^17 NP1: 18.00000°, 556.00000°, 73.40000°; NP2: 267.00000°, 863.00000°, 71.4100000°

Principal axes: T 2.6400, Plg46.0000°, Azm230.00000°; N 0.2300, Plg43.0000°, Azm58.0000°; P -2.8700, Plg40.0000°, Azm324.0000°; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=40s

HLW 04 20:08:07.1, 36.90N, 24.39E, h12km, 20km, MD5.4, M15.8 ISK 04 20:08:07.2, 37.19N, 23.68E, h110km, 2km, ML5.4/40, IDC 04 20:08:07.2-0.5, 37.26N, 23.89E, h111km, 2km, mb4.9/50, mb1 5.0/61, mb1mxs.0/63, mbtmps.3/61, MS4.4/28, Ms1 4.4/28, ms1mx4.2/52, Error ellipse: s-maj=7.5km s-min=5.4km az=78.0

NEIC 04 20:08:07.5, 37.29N, 23.78E, h106km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr1.85; M0: 1.22; M1: 0.63; M2: 1.12; M3: 1.25; M4: 0.65; Fault plane solution: M2: 420000*10^17 NP1: 258.20000°, 352.28000°, 1.23, 47000°; NP2: 26.69000°, 344.00000°, 1.48, 25000°; Principal axes: T 2.5553, Plg61.0000°, Azm221.00000°; N -0.2887, Plg28.00000°, Azm59.00000°; P -2.2666, Plg7.00000°, Azm325.00000°

NEIC 04 20:08:07.5, 37.29N, 23.78E, h103km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr1.82; M0: 1.00; M1: 0.82; M2: 0.36; M3: 1.98; M4: 0.64; Fault plane solution: M2: 630000*10^17 NP1: 19.36000°, 554.74000°, 1.50, 88000°; NP2: 253.99000°, 505.69000°, 1.31, 74000°; Principal axes: T 2.2475, Plg59.00000°, Azm233.00000°; N 0.6493, Plg31.00000°, Azm45.00000°; P -2.9969, Plg2.00000°, Azm136.00000°

DDA 04 20:08:08.0, 37.30N, 23.76E, h38km, 2km, MW5.2 MOS 04 20:08:08.1, 37.42N, 23.74E, h127km, mb5.1/17, Error ellipse: s-maj=3.8km s-min=2.6km az=89.6

THE 04 20:08:08.8, 37.20N, 23.73E, h103km, 1km, ML5.4/39, Error ellipse: s-maj=1.1km s-min=0.4km az=334.0

GCMT 04 20:08:08.0-0.1, 37.11N, 0.01-23.69E, 0.01, h122km, MW5.6/153, Moment Tensor Solution. s122,c227; s153,c317; Duration: 1s5 Moment tensor: Scale 10^17 Nm; Mr: 1.62±.03; M0: 1.42±.04; M1: 0.20±.03; M2: 1.21±.03; M3: 2.19±.03; M4: 0.73±.02; Best double couple: M3: 013000*10^17 NP1: 18.00000°, 853.00000°, 73.3300000°; NP2: 267.00000°, 863.00000°, 71.4100000°

Principal axes: T 2.8810, Plg47.0000°, Azm227.00000°; N 0.2650, Plg42.00000°, Azm61.00000°; P -3.1460, Plg7.00000°, Azm235.00000°; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 04 20:08:09.37, 11N, 23.71E, h123km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr1.57; M0: 1.33; M1: 0.24; M2: 1.26; M3: 2.23; M4: 0.76; Fault plane solution: M3: 050000*10^17 NP1: 266.00000°, 665.00000°, 1.39, 00000°; NP2: 17.00000°, 654.00000°, 1.32, 00000°; Principal axes: T 2.9429, Plg46.00000°, Azm227.00000°; N 0.2004, Plg43.00000°, Azm60.00000°; P -3.1433, Plg7.00000°, Azm324.00000°

NEIC 04 20:08:09.37, 47N, 23.98E, h120km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr1.40; M0: 1.06; M1: 0.33; M2: 0.41; M3: 2.19; M4: 0.10; Fault plane solution: M2: 750000*10^17 NP1: 18.00000°, 556.00000°, 73.4000000°; NP2: 266.00000°, 857.00000°, 71.4900000°; Principal axes: T 2.5068, Plg43.00000°, Azm233.00000°; N 0.4418, Plg46.00000°, Azm44.00000°; P -2.9485, Plg5.00000°, Azm139.00000°

GII 04 20:08:11.1-0.2, 36.67N, 24.22E, h100km, Mm5.5/7 TIR 04 20:08:20.0, 37.19N, 23.73E, h111km, Mm5.7/6 ISC 04 20:08:06.0-0.2, 37.25N, 0.02-23.77E, 0.02, h11km, 1km, h11km, pP-P, n2496, z204/3006, mb5.6/484, 71C-150D, Southern Greece

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DID Didima, DID 201um, 0.8s, DID 201um, 0.8s, KRND Kranidi, KRND 171um, 0.6s, KRND Kranidi, KRND 171um, 0.6s, KRND Serifos, SERI Serifos, SERI Serifos, SERI Serifos.

Table with columns: SERI, SERI, SERI, Voula, Athens, 0.60, 2, P, S, AML, AML, AML, 20 08 39.0, 20 08 39.3, 20 08 39.0 +1.7, 20 08 39.0 +1.4, 20 08 26.1 +1.9, 20 08 39.4 +1.9, 20 08 39.7, 20 08 40.0, 20 08 27.3 +2.1, 20 08 40.8 +1.6, 20 08 27.3 +2.1, 20 08 41.5 +2.3, 20 08 41.8, 20 08 43.0, 20 08 27.5 +2.2, 20 08 41.0 +1.8, 20 08 27.4 +2.2, 20 08 41.8, 20 08 42.2, 20 08 27.4 +2.2, 20 08 39.3 +0.1, 20 08 27.1 +1.8, 20 08 50.5, 20 08 27.2 +1.6, 20 08 40.7 +0.9, 20 08 27.2 +1.6, 20 08 28.2 +2.2, 20 08 42.1 +1.6, 20 08 28.2 +2.2, 20 08 43.4, 20 08 28.6 +2.3, 20 08 28.6 +2.3, 20 08 27.3 +0.8, 20 08 40.9 -0.5, 20 08 27.3 +0.8, 20 08 41.5 +0.1, 20 08 42.0, 20 08 42.3, 20 08 28.6 +2.3, 20 08 40.4 +1.2, 20 08 29.6 +2.3, 20 08 45.6, 20 08 45.9, 20 08 29.4 +1.9, 20 08 48.4 +1.4, 20 08 29.5 +1.9, 20 08 45.6, 20 08 48.1, 20 08 29.5 +1.8, 20 08 44.6 +0.9, 20 08 29.7 +1.8, 20 08 45.5 +1.5, 20 08 29.8 +1.8, 20 08 45.8 +1.8, 20 08 29.7 +1.4, 20 08 46.5, 20 08 46.2, 20 08 30.7 +1.5, 20 08 46.6 +0.3, 20 08 30.6 +1.5, 20 08 30.7 +1.5, 20 08 30.8 +1.1, 20 08 46.9 -0.2, 20 08 32.2 +2.0, 20 08 49.9 +1.8, 20 08 32.1 +1.9, 20 08 51.4, 20 08 32.8 +2.2, 20 08 49.9 +1.1, 20 08 32.7 +2.1, 20 08 33.2 +1.8, 20 08 51.4 +2.2, 20 08 33.3 +1.8, 20 08 53.0, 20 08 53.3, 20 08 34.8 +2.5, 20 08 34.8 +2.5, 20 08 53.6 +1.4, 20 08 34.6 +2.1, 20 08 54.9, 20 08 54.0, 20 08 34.8 +2.2, 20 08 53.9 +1.8, 20 08 34.6 +2.1, 20 08 54.2 +2.0, 20 08 35.3 +1.9, 20 08 34.5 +2.1, 20 08 54.1 +1.9, 20 08 35.0 +1.9, 20 08 52.0 -0.5, 20 08 34.4 +2.0, 20 08 52.7 +0.2, 20 08 53.3, 20 08 54.2, 20 08 35.3 +2.3, 20 08 55.1 +2.1, 20 08 35.3 +2.3, 20 08 56.4, 20 08 56.6, 20 08 35.3 +2.1, 20 08 54.9 +1.5, 20 08 35.4 +2.1, 20 08 34.3 +1.1, 20 08 35.3 +2.1, 20 08 35.1 +1.7, 20 08 35.5 +2.1, 20 08 56.3 +2.5, 20 08 35.5 +2.1, 20 08 35.5 +2.0, 20 08 56.1 +2.2, 20 08 35.5 +2.0, 20 08 35.0 +1.4, 20 08 55.1 +0.9, 20 08 35.0 +1.4, 20 08 56.3 +2.1, 20 08 56.1 +2.2, 20 08 35.5 +1.9, 20 08 35.5 +1.8, 20 08 56.5 +2.1, 20 08 35.6 +1.8, 20 08 57.4, 20 08 59.9, 20 08 35.9 +2.2, 20 08 56.9 +2.5, 20 08 35.7 +2.0, 20 08 58.0, 20 08 58.7, 20 08 35.9 +2.1, 20 08 35.8 +2.1, 20 08 36.1 +2.0, 20 08 36.2 +2.1, 20 08 36.1 +2.0, 20 08 36.3 +2.1, 20 08 36.4 +2.1, 20 08 36.5 +2.1, 20 08 56.7 +1.2, 20 08 36.5 +2.1, 20 08 59.0, 20 08 59.9, 20 08 36.5 +2.1, 20 08 36.6 +2.1, 20 08 58.3 +2.7, 20 08 36.7 +2.2, 20 08 36.4 +1.9, 20 08 36.3 +1.6, 20 08 36.8 +1.9, 20 08 58.4 +2.0, 20 08 36.9 +1.9, 20 08 59.8, 20 09 00.2, 20 08 36.7 +1.9, 20 08 36.8 +1.9, 20 08 58.6 +1.2, 20 08 36.8 +1.9, 20 08 58.4 +2.0, 20 08 36.8 +1.6, 20 08 36.4 +0.9, 20 08 57.5 +0.1, 20 08 36.4 +0.9, 20 08 59.3, 20 08 59.3, 20 08 37.8 +2.3, 20 09 01.0, 20 08 36.5 +0.7, 20 08 58.0 0.0, 20 08 36.3 +0.5, 20 08 57.7 -0.3, 20 08 57.7 +1.5, 20 08 37.5 +1.5, 20 09 07.1, 20 09 16.0, 20 08 37.9 +1.6, 20 09 11.1 +2.2, 20 08 37.9 +1.6, 20 08 37.9 +1.6, 20 08 38.8 +2.5, 20 09 16.2 +2.7, 20 08 38.8 +2.5, 20 09 02.2, 20 09 02.8, 20 08 37.0 +0.6, 20 08 58.7 -0.4, 20 08 37.5 +1.1, 20 08 37.9 +1.5, 20 08 38.7 +2.2, 20 09 01.0 +1.8, 20 08 38.7 +2.2, 20 09 02.6, 20 08 38.8 +1.9, 20 08 38.9 +2.0, 20 08 38.9, 20 08 38.6 +1.6, 20 08 38.3 +1.4, 20 09 04.5, 20 09 06.1, 20 08 37.9 +0.8, 20 08 37.8 +0.7, 20 09 03.1, 20 09 04.9, 20 08 37.8 +0.7, 20 08 39.7 +2.1, 20 08 39.7 +2.1, 20 08 38.2 +0.1, 20 08 38.4 +0.4, 20 09 10.0, 20 08 38.5 +2.4, 20 08 40.0 +1.8, 20 08 40.0 +1.8, 20 09 05.0 +2.1, 20 08 41.0 +2.4, 20 09 06.1, 20 08 40.7 +2.2, 20 08 41.0 +2.3, 20 09 05.2 +2.0, 20 08 41.2 +2.5, 20 09 06.6, 20 08 41.3 +1.8, 20 08 41.2 +1.6, 20 08 41.7 +2.1, 20 08 41.7 +2.1, 20 09 10.7, 20 08 41.0 +1.2, 20 09 06.5 +1.3, 20 08 40.5 +0.7, 20 08 43.2 +2.3, 20 09 10.6, 20 09 11.2, 20 08 43.2 +2.3, 20 08 43.2 +2.3, 20 08 42.6 +1.7, 20 08 43.1 +2.3, 20 08 43.1 +2.1, 20 08 43.0 +2.1, 20 08 44.0 +2.6, 20 08 44.0 +2.6, 20 08 44.0 +2.6, 20 08 43.8 +2.1, 20 09 10.5 +2.0, 20 08 41.7 -0.1, 20 09 07.3 -1.3, 20 08 42.0 +0.2, 20 08 41.9 +0.2, 20 08 41.5 -0.3, 20 08 43.0 +2.1, 20 08 44.3 +2.3, 20 08 44.3 +2.3, 20 09 14.5, 20 09 15.2, 20 08 42.9 +0.6, 20 08 43.2 +0.9, 20 08 45.5 +3.2, 20 08 43.1 +0.7, 20 08 43.1 +0.7, 20 08 44.9 +2.3, 20 08 44.9 +2.3, 20 08 45.0 +1.8, 20 08 45.0 +1.8

76um, 1.0s Athens Unvers 0.71 1 P S Sn 20 08 27.3 +2.1

ATH Athens Unvers 0.71 1 P S Sn 20 08 40.8 +1.6

ATH Athens Unvers 0.71 1 P S Sn 20 08 27.3 +2.1

ATH Athens Unvers 0.71 1 P S Sn 20 08 41.5 +2.3

ATH Athens Unvers 0.71 1 P S Sn 20 08 41.8

ATH Athens Unvers 0.71 1 P S Sn 20 08 43.0

ATH Athens Unvers 0.71 1 P S Sn 20 08 27.5 +2.2

ATH Athens Unvers 0.71 1 P S Sn 20 08 41.0 +1.8

ATH Athens Unvers 0.71 1 P S Sn 20 08 27.4 +2.2

ATH Athens Unvers 0.71 1 P S Sn 20 08 41.8

ATH Athens Unvers 0.71 1 P S Sn 20 08 42.2

ATH Athens Unvers 0.71 1 P S Sn 20 08 27.4 +2.2

ATH Athens Unvers 0.71 1 P S Sn 20 08 39.3 +0.1

ATH Athens Unvers 0.71 1 P S Sn 20 08 27.1 +1.8

ATH Athens Unvers 0.71 1 P S Sn 20 08 50.5

ATH Athens Unvers 0.71 1 P S Sn 20 08 27.2 +1.6

ATH Athens Unvers 0.71 1 P S Sn 20 08 40.7 +0.9

ATH Athens Unvers 0.71 1 P S Sn 20 08 27.2 +1.6

ATH Athens Unvers 0.71 1 P S Sn 20 08 28.2 +2.2

ATH Athens Unvers 0.71 1 P S Sn 20 08 42.1 +1.6

ATH Athens Unvers 0.71 1 P S Sn 20 08 28.2 +2.2

ATH Athens Unvers 0.71 1 P S Sn 20 08 43.4

ATH Athens Unvers 0.71 1 P S Sn 20 08 28.6 +2.3

ATH Athens Unvers 0.71 1 P S Sn 20 08 28.6 +2.3

ATH Athens Unvers 0.71 1 P S Sn 20 08 27.3 +0.8

ATH Athens Unvers 0.71 1 P S Sn 20 08 40.9 -0.5

ATH Athens Unvers 0.71 1 P S Sn 20 08 27.3 +0.8

ATH Athens Unvers 0.71 1 P S Sn 20 08 41.5 +0.1

ATH Athens Unvers 0.71 1 P S Sn 20 08 42.0

ATH Athens Unvers 0.71 1 P S Sn 20 08 42.3

ATH Athens Unvers 0.71 1 P S Sn 20 08 28.6 +2.3

ATH Athens Unvers 0.71 1 P S Sn 20 08 40.4 +1.2

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ATH Athens Unvers 0.71 1 P S Sn 20 08 45.6

ATH Athens Unvers 0.71 1 P S Sn 20 08 45.9

ATH Athens Unvers 0.71 1 P S Sn 20 08 29.4 +1.9

ATH Athens Unvers 0.71 1 P S Sn 20 08 48.4 +1.4

ATH Athens Unvers 0.71 1 P S Sn 20 08 29.5 +1.9

ATH Athens Unvers 0.71 1 P S Sn 20 08 45.6

ATH Athens Unvers 0.71 1 P S Sn 20 08 48.1

ATH Athens Unvers 0.71 1 P S Sn 20 08 29.5 +1.8

ATH Athens Unvers 0.71 1 P S Sn 20 08 44.6 +0.9

ATH Athens Unvers 0.71 1 P S Sn 20 08 29.7 +1.8

ATH Athens Unvers 0.71 1 P S Sn 20 08 45.5 +1.5

ATH Athens Unvers 0.71 1 P S Sn 20 08 29.8 +1.8

ATH Athens Unvers 0.71 1 P S Sn 20 08 45.8 +1.8

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Table with columns for station name, time, and various codes. Includes stations like KHC, Kasperske Hory, AKASG, etc.

Table with columns for station name, time, and various codes. Includes stations like WERN, TANN, GUNZ, ASHG, etc.

Table with columns for station name, time, and various codes. Includes stations like WLF, WLF, WLF, NACGM, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like HOMBorsund, STRoud, CEUta, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like PCAS Casmilo, MESJ Messejana, YRC Rhocolyn, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like DESE Dese, NAZ Nazwa, BANOH Banah, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like SONM, SONM, SONM, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like CD2, CD2, CD2, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like G61A, ZEA, ZEA, etc.

4d 20h

L62A	Suffield	70.40	308	P	P	20 19 11.2	+2.7
K61A	Williamstown	70.43	309	P	P	20 19 11.8	+3.0
F55A	Otter Lake	70.56	313	P	P	20 19 11.7	+2.3
D53A	Lac Vachie, Po	70.64	315	P	P	20 19 12.4	+2.5
D53A	Lac Vachie, Po	70.64	315	P	P	20 19 11.7	+1.8
TRY	Troy	70.65	309	P	P	20 19 11.9	+1.9
TRY	Troy	70.70	314	P	P	20 19 12.5	+2.1
E54A	Lac Duplat, Po	70.70	314	P	P	20 19 13.3	+2.7
H57A	Richville	70.75	312	P	P	20 19 13.4	+2.6
J59A	Piesco	70.76	310	P	P	20 19 12.7	+1.9
J59A	Piesco	70.76	310	P	P	20 19 13.9	+2.6
K60A	Five Rivers En	70.85	309	P	P	20 19 13.6	+2.2
M62A	Hamden	70.86	308	P	P	20 19 14.3	+2.8
L61A	Hillsdale 1, H	70.87	309	P	P	20 19 13.9	+2.5
N63A	Mattituck	70.88	307	P	P	20 19 14.4	+2.7
N58A	Old Forge	70.92	311	P	P	20 19 13.8	+1.9
YLE	Yale	70.96	308	P	P	20 19 14.5	+2.3
YLE	Yale	70.96	308	P	P	20 19 14.4	+1.7
E53A	Dumoine, Pnti	71.01	314	P	P	20 19 16.3	
KSCT	Kent School, K	71.08	308	P	P	20 19 13.8	-2.2
KSCT	Kent School, K	71.08	308	P	P	20 19 15.1	+2.3
G55A	Calabogie	71.09	313	P	P	20 19 13.0	+0.7
C36M	Paulatuk	71.10	348	P	P	20 19 13.9	
C36M	Paulatuk	71.10	348	P	P	20 19 15.7	+2.4
H56A	Elgin	71.19	312	P	P	20 19 15.9	+2.6
I57A	Carthage	71.20	311	P	P	20 19 16.6	+2.6
J58A	Remsen	71.29	310	P	P	20 19 15.9	+2.0
J58A	Remsen	71.29	310	P	P	20 19 13.7	+0.1
BILL	Bilbino	71.31	141	P	P	20 22 02.0	
BILL	Bilbino	71.31	141	P	P	20 22 08.1	-3.8
BILL	Bilbino	71.31	141	P	P	20 32 51.0	-6.2
BILL	Bilbino	71.31	141	P	P	20 19 13.4	-0.2
BILL	Bilbino	71.31	141	P	P	20 19 17.0	+2.6
K59A	Cooperstown	71.35	310	P	P	20 19 17.1	+2.5
L60A	Shokan	71.40	309	P	P	20 19 16.9	+2.1
PLVO	Plevna	71.42	313	P	P	20 19 17.1	+2.1
PLVO	Plevna	71.42	313	P	P	20 19 17.1	+2.1
ALGO	Algonquin Park	71.47	314	P	P	20 19 17.0	+1.9
M61A	Granite Spring	71.49	308	P	P	20 19 17.4	+2.1
N62A	Cumsett State	71.51	308	P	P	20 19 15.7	+0.2
TIA	Taian	71.53	58	P	P	20 19 17.8	+2.2
D51A	Lot 18 Range I	71.57	315	P	P	20 19 18.1	+2.2
E52A	Mattawa	71.63	314	P	P	20 19 18.8	+2.5
J57A	Williamstown	71.69	311	P	P	20 19 18.5	+2.1
J57A	Williamstown	71.69	311	P	P	20 19 18.5	+2.1
PAL	Palisades	71.74	308	P	P	20 19 18.0	+1.3
PAL	Palisades	71.74	308	P	P	20 19 18.7	+2.1
PAL	Palisades	71.74	308	P	P	20 19 18.0	+1.3
PAL	Palisades	71.74	308	P	P	20 19 19.8	
H55A	Tweed	71.76	312	P	P	20 19 19.2	+2.5
D50A	G1974 Best Tow	71.79	316	P	P	20 19 19.1	+2.2
L59A	Walton	71.79	309	P	P	20 19 19.5	+2.4
L59A	Walton	71.79	309	P	P	20 19 19.5	+2.5
G54A	Lake Saint Pet	71.81	313	P	P	20 19 19.1	+1.8
K58A	Earlville	71.84	310	P	P	20 19 19.1	+1.8
K58A	Earlville	71.84	310	P	P	20 19 19.1	+1.8
K58A	Earlville	71.84	310	P	P	20 19 19.3	+1.7
CPNY	Central Park	71.90	308	P	P	20 19 41.2	-4.3
CPNY	Central Park	71.90	308	P	P	20 19 19.3	+1.7
NBLI	Livramento-PB	71.92	246	P	P	20 19 20.1	+2.2
E51A	G1948 Merrick	71.95	313	P	P	20 19 20.2	+2.0
PECO	Prince Edward	72.00	312	P	P	20 19 20.5	+2.1
M60A	Port Jervis	72.02	308	P	P	20 19 20.0	+1.6
DELO	Deloro Mine	72.04	313	P	P	20 19 19.1	+1.0
SEY	Seymchan	72.05	221	P	P	20 19 21.4	+2.4
N61A	South Mountain	72.13	308	P	P	20 19 20.7	+1.7
ODNJ	Ogdensburg	72.14	308	P	P	20 19 44.0	-3.0
ODNJ	Ogdensburg	72.14	308	P	P	20 19 49.7	
I55A	Frankfort	72.25	312	P	P	20 19 21.9	+2.3
G53A	Haliburton	72.28	313	P	P	20 19 22.1	+2.3
J56A	Wolcott	72.29	311	P	P	20 19 22.5	+2.6
J56A	Wolcott	72.29	311	P	P	20 19 21.5	+1.6
J56A	Wolcott	72.29	311	P	P	20 19 20.7	+1.7
F52A	Sundridge	72.29	314	P	P	20 19 22.3	+2.4
BRNJ	Basking Ridge	72.34	308	P	P	20 19 22.5	+2.2
BRNJ	Basking Ridge	72.34	308	P	P	20 19 45.6	-2.5
BINY	Binghamton	72.37	310	P	P	20 19 22.2	+1.8
BINY	Binghamton	72.37	310	P	P	20 19 22.2	+1.8
L58A	Harry Jones Me	72.37	310	P	P	20 19 23.0	+2.5
K57A	Scipio Center	72.39	310	P	P	20 19 23.1	+2.5
M59A	Waymart	72.40	309	P	P	20 19 23.1	+2.4
F51A	Arnstein	72.55	315	P	P	20 19 23.9	+2.5
H53A	Bobcaygeon	72.57	313	P	P	20 19 24.0	+2.4
N60A	Cedar Hill Far	72.57	308	P	P	20 19 24.1	+2.3
KSPA	Keystone Colle	72.60	309	P	P	20 19 25.2	
KSPA	Keystone Colle	72.61	51	P	P	20 19 21.4	-0.4

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CN2	Changchun	72.61	48	P	P	20 19 21.5	-0.3
CN2	Changchun	72.61	48	P	P	20 19 50.5	+0.9
CN2	Changchun	72.61	48	P	P	20 20 40.2	+2.5
WHN	Wuhan	72.67	65	P	P	20 19 18.0	-4.4
SADO	Sadowa	72.78	313	P	P	20 19 24.5	+1.7
SADO	Sadowa	72.78	313	P	P	20 19 26.0	
J55A	Hilton	72.87	312	P	P	20 19 25.6	+2.3
J55A	Hilton	72.87	312	P	P	20 19 25.3	+2.0
D48A	Peaslee Townsh	72.87	317	P	P	20 19 25.1	+1.7
LUPA	Lehigh Univer	72.89	308	P	P	20 19 25.9	+2.3
LUPA	Lehigh Univer	72.89	308	P	P	20 19 50.3	-1.3
K56A	Middlesex	72.90	311	P	P	20 19 26.2	+2.6
K56A	Middlesex	72.90	311	P	P	20 19 23.5	0.0
KLR	Kul'dur	72.92	41	P	P	20 19 23.8	+0.3
KLR	Kul'dur	72.92	41	P	P	20 19 23.8	+0.3
N59A	State Gate Lan	72.96	309	P	P	20 19 26.5	+2.5
N59A	State Gate Lan	72.96	309	P	P	20 19 25.6	+1.6
L57A	Andrews Acres	73.01	310	P	P	20 19 26.8	+2.5
P61A	Hammonton	73.05	307	P	P	20 19 26.5	+2.1
O60A	Telford	73.07	308	P	P	20 19 27.1	+2.5
M58A	Price's Panora	73.13	309	P	P	20 19 27.5	+2.5
MMNY	Mt. Morris Dam	73.23	311	P	P	20 19 26.9	+1.4
MMNY	Mt. Morris Dam	73.23	311	P	P	20 19 28.7	
H52A	Wyevale	73.29	314	P	P	20 19 27.6	+1.8
MEDO	Medina	73.31	312	P	P	20 19 26.8	+0.9
MEDO	Medina	73.31	312	P	P	20 19 29.1	
PSUB	Penn St. - Bra	73.32	308	P	P	20 19 26.5	+0.4
K55A	Perry	73.33	311	P	P	20 19 28.3	+2.2
J54A	Appleton	73.36	312	P	P	20 19 28.5	+2.3
J54A	Appleton	73.36	312	P	P	20 19 27.0	+0.8
L56A	Greenwood	73.36	310	P	P	20 19 28.7	+2.3
L56A	Greenwood	73.36	310	P	P	20 19 28.1	+1.8
L56A	Greenwood	73.36	310	P	P	20 19 29.7	
INK	Inuvik	73.39	351	P	P	20 19 26.6	+0.6
INK	Inuvik	73.39	351	P	P	20 53 42.4	
INK	Inuvik	73.39	351	P	P	20 19 26.0	+0.1
INK	Inuvik	73.39	351	P	P	20 19 29.1	+2.2
P60A	Greenville	73.51	308	P	P	20 19 28.9	+1.8
P60A	Greenville	73.51	308	P	P	20 19 28.0	+0.8
M57A	Sunshine Farm	73.56	310	P	P	20 19 30.0	+2.6
M57A	Sunshine Farm	73.56	310	P	P	20 19 29.8	+2.3
O59A	Robesonia	73.57	308	P	P	20 19 29.2	+2.3
N58A	Sunbury	73.59	309	P	P	20 19 29.9	+1.5
N58A	Sunbury	73.59	309	P	P	20 19 30.9	
N58A	Sunbury	73.59	309	P	P	20 19 55.8	+0.1
I53A	Kortright Cn E	73.59	313	P	P	20 19 27.3	-0.8
MLSI	Meulaboh, Aceh	73.61	97	P	P	20 19 30.1	+2.1
D47A	Chaplin	73.65	317	P	P	20 19 30.9	+2.2
K54A	Basiliok Farm,	73.77	311	P	P	20 19 31.2	+2.4
I52A	Shelburne	73.79	313	P	P	20 19 30.5	+1.4
WVNY	West Valley, N	73.84	311	P	P	20 19 58.3	+1.2
WVNY	West Valley, N	73.84	311	P	P	20 19 59.9	
F49A	Sandfield	73.85	315	P	P	20 19 31.5	+2.4
MVL	Millersville	73.85	308	P	P	20 19 30.7	+1.5
MVL	Millersville	73.85	308	P	P	20 19 32.6	
L55A	Hinsdale	73.87	311	P	P	20 19 31.6	+2.3
PAGS	Pennsylvania G	73.95	308	P	P	20 19 31.0	+1.3
PAGS	Pennsylvania G	73.95	308	P	P	20 19 58.1	+0.4
MA2	Magadan	74.07	25	P	P	20 19 29.8	-0.2
MA2	Magadan	74.07	25	P	P	20 19 30.8	+0.7
MA2	Magadan	74.07	25	P	P	20 19 30.6	+0.5
O60A	Magadan	74.07	307	P	P	20 19 32.9	+2.3
Q60A	Greensboro	74.10	307	P	P	20 19 31.5	+0.8
E47A	Iron Bridge	74.11	317	P	P	20 19 32.8	+2.2
M56A	Emporium	74.12	310	P	P	20 19 33.1	+2.3
M56A	Emporium	74.1					

USRK	comp-Z,1.7nm,0.8s,baz=283,slow=5.3,SNR=22	LR	LR	20 57 54.5
USRK	comp-Z,2.23nm,18.1s,baz=306,slow=39	P	P	20 19 41.3 -1.0
FYU	Ussuriysk Ar.	76.15 45	P	20 19 43.8 +1.7
FYU	Fort Yukon	76.16 355	I	Amb
E43A	comp-Z,2.25nm,1.8s	P	P	20 19 43.6 +1.3
E43A	Lone Tree Farm	76.17 318	I	Amb
V62A	comp-Z,0.68nm,0.8s	P	P	20 19 45.0 +2.4
V62A	Hyde County Ai	76.17 304	P	P
V62A	Hyde County Ai	76.17 304	P	P
G56A	Snyder Ridge,	76.19 309	P	20 19 44.2 +1.7
G56A	Snyder Ridge,	76.19 309	P	20 19 44.8 +2.1
Q56A	Snyder Ridge,	76.19 309	P	20 19 44.4 +1.8
R57A	Stanardsville	76.21 308	P	20 19 44.8 +2.0
MCWV	Mont Chateau	76.22 309	P	20 19 45.1 +2.3
MCWV	Mont Chateau	76.22 309	P	20 19 44.9 +2.1
MCWV	Mont Chateau	76.22 309	I	Amb
MCWV	Mont Chateau	76.22 309	I	Amb
O54A	comp-Z,0.66nm,0.8s	P	P	20 19 44.9 +2.0
O54A	Avella	76.23 310	P	P
O54A	Avella	76.23 310	P	20 19 44.6 +1.7
O54A	Avella	76.23 310	I	Amb
G45A	comp-Z,0.74nm,1.1s	P	P	20 19 45.1 +1.9
G45A	Suttons Bay	76.30 317	P	P
G45A	Suttons Bay	76.30 317	P	20 19 44.6 +1.5
I47A	Gladwin	76.30 315	P	20 19 45.3 +2.1
I47A	Gladwin	76.30 315	P	20 19 45.2 +2.1
I47A	Gladwin	76.30 315	I	Amb
P55A	comp-Z,1.44nm,1.1s	P	P	20 19 45.3 +2.0
P55A	Reedsville	76.30 309	P	P
S58A	Poland Farm,P	76.32 307	P	20 19 45.3 +2.0
S58A	Poland Farm,P	76.32 307	P	20 19 44.8 +1.4
S58A	Poland Farm,P	76.32 307	I	Amb
S58A	Poland Farm,P	76.32 307	I	Amb
GSI	comp-Z,0.74nm,0.8s	P	P	20 19 44.7 +0.9
GSI	Gunungstigi	76.34 99	P	20 19 45.9
GSI	Gunungstigi	76.34 99	I	Amb
J48A	comp-Z,0.78nm,1.2s	P	P	20 19 45.2 +1.8
J48A	Bridge Port	76.34 314	P	P
J48A	Bridge Port	76.34 314	P	20 19 44.9 +1.5
H46A	Fife Lake	76.36 316	P	20 19 45.5 +2.0
KULM	Kulim	76.37 94	P	20 19 44.3 +0.2
KULM	Kulim	76.37 94	I	Amb
KULM	Kulim	76.37 94	P	20 19 44.5
KULM	Kulim	76.37 94	P	20 19 44.0 +1.8
T59A	Double "B" Far	76.38 306	P	20 19 45.0 +1.8
U60A	Double "B" Far	76.38 306	P	20 19 45.1 +1.4
U60A	Pendleton	76.42 305	P	20 19 46.0 +2.0
V61A	Roper	76.44 305	P	20 19 45.4 +1.3
V61A	Roper	76.44 305	I	Amb
K49A	comp-Z,1.48nm,1.1s	P	P	20 19 45.8 +1.6
K49A	Clarkson	76.47 314	P	P
PSI	Prapat	76.50 97	P	20 19 44.9 0.0
PSI	Prapat	76.50 97	P	20 19 44.9 0.0
PSI	Prapat	76.50 97	P	20 19 44.9 0.0
PSI	Prapat	76.50 97	P	20 19 44.9 0.0
D41A	Chassel	76.55 319	P	20 19 46.2 +1.7
D41A	Chassel	76.55 319	I	Amb
L50A	comp-Z,2.13nm,1.2s	P	P	20 19 46.4 +1.8
L50A	Kingsville	76.55 313	P	P
RPSI	Rantau Prapat	76.56 97	P	20 19 45.0 -0.1
RPSI	Rantau Prapat	76.56 97	I	Amb
RPSI	Rantau Prapat	76.56 97	P	20 19 44.9 -0.1
M51A	Elyria	76.62 312	P	20 19 46.7 +1.7
M51A	Elyria	76.62 312	P	20 19 46.7 +1.7
N52A	McGinn's Farm,	76.64 311	P	20 19 47.1 +1.9
P54A	Burton	76.65 310	P	20 19 47.4 +2.1
O53A	New Philadelphia	76.70 311	P	20 19 47.6 +2.1
R56A	Bull Pasture M	76.70 308	P	20 19 47.6 +1.9
Q55A	Buckhannon	76.77 309	P	20 19 48.0 +2.0
H45A	Beulah	76.77 316	P	20 19 47.7 +1.9
S57A	Dark Hollow,R	76.81 307	P	20 19 47.9 +1.8
S57A	Dark Hollow,R	76.81 307	P	20 19 47.5 +1.4
K48A	Perry	76.84 314	P	20 19 47.9 +1.6
H46A	Reed City	76.88 316	P	20 19 48.5 +2.1
AAM	Ann Arbor	76.89 313	P	20 19 47.3 +0.8
AAM	Ann Arbor	76.89 313	P	20 19 48.1 +1.6
AAM	Ann Arbor	76.89 313	P	20 19 47.3 +0.8
AAM	Ann Arbor	76.89 313	P	20 19 48.6 +2.0
U59A	Littleton	76.90 306	P	20 19 48.5 +1.8
U59A	Littleton	76.90 306	I	Amb
V60A	comp-Z,1.59nm,1.4s	P	P	20 19 48.6 +1.9
V60A	Jim Taylor Roa	76.91 305	P	P
V60A	Jim Taylor Roa	76.91 305	P	20 19 48.1 +1.4
J47A	Summer	76.97 315	P	20 19 48.8 +1.9
J47A	Summer	76.97 315	P	20 19 48.8 +1.9
J47A	Summer	76.97 315	P	20 19 48.8 +1.9
J47A	Summer	76.97 315	P	20 19 48.8 +1.9
N51A	comp-Z,1.07nm,1.1s	P	P	20 19 48.7 +1.5
N51A	Ashland	76.99 312	P	P
N51A	Ashland	76.99 312	P	20 19 48.5 +1.4
N51A	Ashland	76.99 312	I	Amb
N51A	Ashland	76.99 312	P	20 19 49.9
SKI	Saint Kitts	77.01 282	P	20 19 48.8 +1.3
SKI	Saint Kitts	77.01 282	P	20 19 48.8 +1.3
SKI	Saint Kitts	77.01 282	P	20 19 48.8 +1.3
SKI	Saint Kitts	77.01 282	P	20 19 48.8 +1.3
T58A	comp-Z,1.06nm,0.9s	P	P	20 19 49.2 +1.8
T58A	Grand View Acr	77.03 307	P	P
INCN	Inchon	77.06 53	P	20 19 48.7 +1.1
INCN	Inchon	77.06 53	P	20 19 48.7 +1.1
INCN	Inchon	77.06 53	P	20 19 48.7 +1.1
INCN	Inchon	77.06 53	P	20 19 48.7 +1.1
L49A	Milan	77.07 313	P	20 19 49.2 +1.7
IMAR	Indian Mountai	77.07 359	P	20 19 47.9 +0.8
M50A	Fremont	77.09 312	P	20 19 49.2 +1.5
M50A	Fremont	77.09 312	P	20 19 48.0 +0.4
SEUS	St. Eustatius	77.10 282	P	20 19 49.7 +1.6
HKPS	Hong Kong Po S	77.15 72	P	20 19 49.2 +0.9
IPM	Iph	77.16 94	P	20 19 47.4 -1.1
IPM	Iph	77.16 94	I	Amb
IPM	Iph	77.16 94	P	20 19 48.0 -0.4
O52A	comp-Z,1.44nm,2.0s	P	P	20 19 49.9 +1.9
O52A	Adamsville	77.16 311	P	P
O52A	Adamsville	77.16 311	P	20 19 49.2 +1.1
O52A	Adamsville	77.16 311	I	Amb
F42A	comp-Z,0.87nm,0.9s	P	P	20 19 49.4 +1.4
F42A	Maple Grove Fa	77.17 318	P	P
F42A	Maple Grove Fa	77.17 318	I	Amb
PRP	comp-Z,0.49nm,0.7s	P	P	20 19 49.0 +0.9
PRP	Porcupine Dome	77.22 355	P	P
R55A	Marlinton	77.23 308	P	20 19 50.7 +2.1
R55A	Marlinton	77.23 308	P	20 19 50.0 +1.4
R55A	Marlinton	77.23 308	I	Amb
R55A	Marlinton	77.23 308	I	Amb

Q54A	Coxs Mills	77.24 309	P	20 19 50.2 +1.7
Q54A	Coxs Mills	77.24 309	P	20 19 50.0 +1.4
Q54A	Coxs Mills	77.24 309	I	Amb
S56A	Natural Bridge	77.24 308	P	20 19 50.6 +2.0
S56A	Natural Bridge	77.24 308	P	20 19 50.6 +2.0
FDF	Fort de France	77.25 279	P	20 19 50.2 +1.2
FDF	Fort de France	77.25 279	P	20 19 50.2 +1.2
FDF	Fort de France	77.25 279	P	20 19 50.2 +1.2
FDF	Fort de France	77.25 279	P	20 19 50.8 +2.2
I45A	Fountain	77.25 316	P	20 19 49.1 +0.5
I45A	Fountain	77.25 316	P	20 19 49.5 +1.2
FFC	Flin Flon	77.26 313	P	20 19 49.1 +0.5
FFC	Flin Flon	77.26 313	P	20 19 49.5 +1.2
FFC	Flin Flon	77.26 313	P	20 19 49.2 +0.8
P53A	Whipple	77.28 310	P	20 19 50.9 +2.2
P53A	Whipple	77.28 310	P	20 19 50.3 +1.6
P53A	Whipple	77.28 310	I	Amb
P53A	Whipple	77.28 310	I	Amb
U58A	Oxford	77.37 306	P	20 19 51.1 +1.8
K47A	Vermontville	77.43 314	P	20 19 51.1 +1.6
EYMN	Ely	77.45 321	P	20 19 51.0 +1.4
EYMN	Ely	77.45 321	P	20 19 51.0 +1.4
EYMN	Ely	77.45 321	P	20 19 50.4 +0.8
T57A	Hurt	77.46 307	P	20 19 51.7 +1.9
T57A	Hurt	77.46 307	P	20 19 51.2 +1.4
T57A	Hurt	77.46 307	I	Amb
T57A	Hurt	77.46 307	I	Amb
COWI	Conover	77.48 319	P	20 19 51.0 +1.2
COWI	Conover	77.48 319	I	Amb
COWI	Conover	77.48 319	I	Amb
COWI	Conover	77.48 319	I	Amb
N50A	Neveda	77.54 312	P	20 19 51.6 +1.4
V59A	Middlesex	77.55 305	P	20 19 52.1 +1.8
L48A	N Adams	77.56 313	P	20 19 51.8 +1.5
M49A	Liberty Center	77.59 313	P	20 19 52.0 +1.6
O51A	Pataksala	77.61 311	P	20 19 52.3 +1.7
EGAK	Ekatepec	77.61 353	P	20 19 51.1 +0.9
W60A	Pink Hill	77.63 305	P	20 19 52.8 +2.1
CNNC	Cliffs of the	77.63 305	P	20 19 52.4 +1.7
CNNC	Cliffs of the	77.63 305	I	Amb
CNNC	Cliffs of the	77.63 305	I	Amb
CNNC	Cliffs of the	77.63 305	I	Amb
P52A	Corning	77.64 311	P	20 19 52.3 +1.6
MCLT	Moule a Chique	77.68 278	P	20 19 52.2 +0.9
J45A	Montague	77.72 316	P	20 19 53.0 +1.8
J45A	Montague	77.72 316	P	20 19 52.6 +1.5
POKR	Poker Plat Res	77.73 356	P	20 19 52.3 +1.5
Q53A	Leroy	77.75 310	P	20 19 53.0 +1.7
S55A	Lewisburg	77.78 308	P	20 19 53.7 +2.1
ACSO	Alum Creek Sta	77.78 311	P	20 19 53.1 +1.6
ACSO	Alum Creek Sta	77.78 311	P	20 19 52.0 +0.5
ACSO	Alum Creek Sta	77.78 311	I	Amb
ACSO	Alum Creek Sta	77.78 311	I	Amb
H43A	Windswept,1.0s	77.82 317	P	20 19 53.0 +1.4
KS19	Wonju Array Si	77.83 52	P	20 19 52.0 +0.2
R54A	Victor	77.83 309	P	20 19 53.5 +1.6
U57A	Blanch	77.85 307	P	20 19 53.9 +1.9
K46A	Dorr	77.86 315	P	20 19 53.4 +1.4
KSAR	Wonju Array Be	77.87 52	P	20 19 51.7 -0.4
KSAR	Wonju Array Be	77.87 52	P	20 19 51.7 -0.4
KSRS	Korea Array	77.89 52	P	20 19 51.9 -0.3
KSRS	Korea Array	77.89 52	P	20 19 51.9 -0.3
KSRS	Korea Array	77.89 52	P	20 19 51.9 -0.3
KSRS	Korea Array	77.89 52	P	20 19 51.9 -0.3
MDM	Murphy Dome	77.93 357	P	20 19 52.7 +0.8
MDM	Murphy Dome	77.93 357	I	Amb
MDM	Murphy Dome	77.93 357	I	Amb
MDM	Murphy Dome	77.93 357	I	Amb
T56A	Rocky Mt	77.93 307	P	20 19 54.5 +2.0
ULM	Lac du Bonnet	77.95 325	P	20 19 53.1 +0.9
ULM	Lac du Bonnet	77.95 325	P	20 19 54.5 +2.0
ULM	Lac du Bonnet	77.95 325	P	20 19 53.1 +0.9
ULM	Lac du Bonnet	77.95 325	P	20 19 54.5 +2.0
ULM	Lac du Bonnet	77.95 325	P</	

4d 20h

Table with columns: Station ID, Name, Frequency, Power, Direction, Time, and other parameters. Includes stations like X57A Johnson Farm, OBIP Obispo Ponce, etc.

2014 APR

Table with columns: Station ID, Name, Frequency, Power, Direction, Time, and other parameters. Includes stations like SCM Sheep Creek Mo, Y55A Saluda, GRTK Grand Turk, etc.

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Table with columns: Station ID, Name, Frequency, Power, Direction, Time, and other parameters. Includes stations like JUNU Nakatsu, JUNU Nakatsu, SCIA State Center, etc.

4d 20h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like X16A, X16A, X16A, etc.

2014 APR

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like VVDA, VVDA, VVDA, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PB01, PB07, PB07, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes entries for VYDA, YAM, TAM, BOS, SUM, etc.

IDC 04 20:45:02.5:1.4, 1.52S, 135.78E, h0km, mb3.6/6, mb1 3.8/9, mb1mx3.6/36, mbtmp3.6/9, ML3.6/3, MS3.5/2, Ms1 3.6/2, ms1mx2.8/36, Error ellipse: s-maj=40.0km s-min=18.6km az=66.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes entries for SIJI, WRA, FITZ, ASAR, STKA, CMAR, MKAR, KURB, VND, ILAR, etc.

IDC 04 20:55:24.7:1.2, 20.58S, 70.91W, h0km, mb3.9/3, mb1 4.2/6, mb1mx3.9/33, mbtmp4.1/6, ML4.2/3, Error ellipse: s-maj=32.5km s-min=22.0km az=77.0

NEIC 04 20:55:26.9:2.0:61S, 70.80W, h0km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mrr: 18, Mth: 0.22, Mtt: 0.40, Mtr: 0.39, Mtr: 0.97, Fault plane solution: M1: 1.00x10^19, N1: 156.9300, S1: 384.7000, P2: 0.26x10^19, N2: 265.4400, S2: 815.8000, P3: 1.19.19000, Principal axes: T: 1.0884, P1: 4.8840, Azm: 83.0000, N: 0.0167, P1: 5.1000, Azm: 336.0000, P: -1.1051, P1: 3.8800, Azm: 234.0000

NEIC 04 20:55:26.6:1.7, 20.64S, 0.03:70.80W, 0.04, h17km, 3km, mb4.5/12, Mw4.0/39, ML4.1(GUC) Error ellipse: s-maj=5.9km s-min=4.1km az=61.0

GUC 04 20:55:28.3:0.7, 20.62S, 70.73W, h10km, 2km, ML4.1 VAO 04 20:55:30.7:2.4, 20.63S, 70.78W, h34km, 21km, mb4.2 ISC 04 20:55:25.5:1.5, 20.84S, 0.03:70.83W, 0.05, h6km, n83, r121/96, mb4.3/5, 7C-103, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes entries for TA01, PATCX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes entries for PB08, PB03, PB04, etc.

IDC 04 21:00:06.8:1.8, 16.46S, 0.08:74.08W, 0.07, h35km, 3km, mb4.2/6, Error ellipse: s-maj=12.8km s-min=6.8km az=214.0

IDC 04 21:00:06.2:0.7, 16.50S, 0.07:74.04W, 0.10, h30km, n39, s209/41, mb4.0/6, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes entries for ASAR, WRA, ZALV, MKAR, etc.

NEIC 04 21:00:06.8:1.8, 16.46S, 0.08:74.08W, 0.07, h35km, 3km, mb4.2/6, Error ellipse: s-maj=12.8km s-min=6.8km az=214.0

IDC 04 21:00:06.2:0.7, 16.50S, 0.07:74.04W, 0.10, h30km, n39, s209/41, mb4.0/6, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes entries for PB12, PB16, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes entries for LVC, LVC, LVC, etc.

NEIC 04 21:09:57.2:2.2, 22.20S, 0.07:173.85W, 0.08, h33km, 6km, mb4.6/36, Error ellipse: s-maj=11.4km s-min=9.2km az=219.0

IDC 04 21:09:59.0:0.5, 21.74S, 174.51W, h0km, mb4.4/24, mb1 4.6/24, mb1mx4.4/56, mbtmp4.4/24, MS4.0/12, Ms1 4.0/12, ms1mx3.6/42, Error ellipse: s-maj=19.5km s-min=13.8km az=134.0

ISC 04 21:10:01.0:0.5, 22.36S, 0.08:174.34W, 0.09, h22km, n109, r183/95, mb4.6/41, MS4.0/14, C, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes entries for NIUE, RAO, RAO, etc.

IDC 04 21:10:01.0:0.5, 22.36S, 0.08:174.34W, 0.09, h22km, n109, r183/95, mb4.6/41, MS4.0/14, C, Tonga Islands

IDC 04 21:10:01.0:0.5, 22.36S, 0.08:174.34W, 0.09, h22km, n109, r183/95, mb4.6/41, MS4.0/14, C, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes entries for DZM, DZM, DZM, etc.

NJ2	comp=Z,8.0nm,0.5s	pmx	pmx			
N23A	Red Feather La baz=308	49.31	72	P	P	21 35 18.8 +0.3
ULM	Lac du Bonnet comp=Z,1.5nm,0.4s,baz=301,slow=9.0,SNR=4.3	49.48	57	P	P	21 35 18.4 -1.0
ISCO	Idaho Springs baz=309	50.19	73	P	P	21 35 25.4 +0.2
AGMM	Agassiz Nation baz=306	50.63	59	P	P	21 35 27.7 -0.3
S22A	4UR Ranch, Cre baz=310	50.74	76	P	P	21 35 29.7 +0.3
SDCO	Great Sand Dun baz=310	51.55	75	P	P	21 35 35.8 +0.3
T25A	Trinidad baz=311	52.61	75	P	P	21 35 43.5 +0.3
ANMO	Albuquerque baz=312	52.79	78	P	P	21 35 44.1 -0.4
FRB	Frisher Bay comp=Z,5.7nm,0.3s,baz=311,slow=8.3,SNR=15	52.98	32	P	P	21 35 44.0 -1.3
ECSD	EROS Data Cent baz=309	52.99	64	P	P	21 35 44.7 -1.1
EYMM	Ely baz=308	53.17	57	P	P	21 35 46.6 -0.4
CBKS	Cedar Bluff baz=311	54.33	70	P	P	21 35 55.4 -0.2
ZALV	Zalesovo Beam comp=Z,2.7nm,0.6s,baz=35,slow=4.0,SNR=13	54.40	314	PcP	PcP	21 36 59.1 -0.1
MNTX	Cornudas Mount baz=313	55.63	81	P	P	21 36 05.5 +0.4
MSTX	Muleshoe baz=313	55.70	77	P	P	21 36 05.8 +0.1
AMTX	Amarillo baz=312	55.75	75	P	P	21 36 06.4 +0.4
GTA	Gaotai	55.95	292	UP	P	21 36 08.1 +0.6
GTA					pWP	21 36 21.5 +4.1
GTA					slP	21 36 26.6 +6.4
GTA					pmx	pmx
KSU1	Kansas State U comp=Z,1.3nm,0.9s	55.98	68	P	P	21 36 06.7 -0.8
WMOK	Wichita Mounta baz=313	57.61	74	P	P	21 36 18.9 -0.2
D47A	Chapleau baz=312	58.08	53	P	P	21 36 21.4 -0.8
ARCES	ARCESS Array B comp=Z,4.9nm,0.8s,baz=22,slow=7.0,SNR=5.9	58.32	350	P	P	21 36 21.8 -1.8
TXAR	Lajitas Array comp=Z,0.5nm,0.5s,baz=311,slow=4.5,SNR=4.2	58.33	81	P	P	21 36 23.8 -0.5
G46A	Potoskey baz=312	58.35	56	P	P	21 36 23.3 -0.9
E47A	Iron Bridge baz=313	58.40	54	P	P	21 36 24.0 -0.4
D48A	Paudash Townsh baz=313	58.65	53	P	P	21 36 25.9 -0.4
CD2	Chengdu	59.35	282	P	P	21 36 29.2 -2.1
CD2					pmx	pmx
KURBB	Kurchatov Arra comp=Z,1.2nm,0.5s,baz=42,slow=6.7,SNR=20	59.50	314	P	P	21 36 30.7 -1.3
KURBB					PcP	21 37 18.5 -0.7
D50A	G1974 Best Tow baz=314	59.63	51	P	P	21 36 31.8 -1.2
K46A	Dor	59.63	50	P	P	21 36 32.7 -0.5
WMQ	Urumqi baz=313	59.73	303	eP	P	21 36 36.7 +2.9
WMQ					pmx	pmx
WMQ	comp=Z,8.0nm,0.7s				pmx	pmx
WMQ	comp=Z,5.6nm,4.3s				LR	LR
WMQ	comp=N,590nm,29.2s				LR	LR
WMQ	comp=E,1um,29.2s				LR	LR
WMQ	comp=Z,87nm,29.3s				LR	LR
CCM	Cathedral Cave baz=313	59.79	66	P	P	21 36 33.0 -1.2
D51A	Lot 18 Range I baz=314	59.91	51	P	P	21 36 33.6 -1.4
U40A	Yellville baz=314	60.02	68	P	P	21 36 34.6 -1.2
K47A	Vermontville baz=314	60.09	58	P	P	21 36 35.6 -0.6
E51A	G1948 Merrick baz=314	60.24	52	P	P	21 36 36.3 -0.9
W39A	Magazine baz=314	60.28	70	P	P	21 36 37.2 -0.4
J48A	Bridge Port baz=314	60.30	57	P	P	21 36 37.2 -0.4
MKAR	Makanchi Array comp=Z,2.1nm,0.5s,baz=52,slow=5.9,SNR=26	60.41	309	P	P	21 36 37.0 -1.4
K48A	Perry baz=314	60.46	58	P	P	21 36 38.3 -0.5
SFIN	Lafayette baz=314	60.53	61	P	P	21 36 38.9 -0.3
K49A	Clarkson baz=314	60.63	57	P	P	21 36 41.3 +0.1
E52A	Mattawa baz=315	60.83	52	P	P	21 36 39.7 -1.4
F52A	Sundridge baz=315	60.84	52	P	P	21 36 40.4 -0.9
MIAR	Mount Ida baz=314	60.85	70	P	P	21 36 41.1 -0.4
L48A	N Adams baz=314	60.89	58	P	P	21 36 41.6 -0.1
AAM	Ann Arbor baz=314	61.06	58	P	P	21 36 42.7 -0.1
M48A	Edgerton baz=314	61.06	59	P	P	21 36 42.4 -0.4
D54A	Lac Fusel, La baz=315	61.19	50	P	P	21 36 42.6 -1.1
W41B	Gary Gativity, V baz=314	61.20	69	P	P	21 36 43.0 -0.9
N48A	Decatur baz=314	61.33	60	P	P	21 36 44.1 -0.5
X40A	Basin Creek Fa baz=314	61.33	70	P	P	21 36 44.4 -0.4
H52A	Wyevale baz=315	61.37	54	P	P	21 36 44.0 -0.9
E54A	Lac Daplat, Po baz=315	61.44	51	P	P	21 36 44.4 -1.0
SAD0	Sadowa comp=Z,3.0nm,0.6s,baz=310,slow=2.8,SNR=4.8	61.66	53	P	P	21 36 45.7 -1.1
G53A	Haliburton baz=315	61.67	52	P	P	21 36 46.6 -0.3
O48A	Farmland baz=314	61.68	60	P	P	21 36 45.9 -1.1
G54A	Lake Saint Pe baz=315	61.74	52	P	P	21 36 46.9 -0.5
N49A	Columbus Grove baz=315	61.74	59	P	P	21 36 47.0 -0.4
D55A	Sainte-Anne-du baz=316	61.85	49	P	P	21 36 46.8 -1.3
H53A	Bobcaygeon baz=316	62.08	53	P	P	21 36 49.1 -0.6
P48A	Milroy baz=315,SNR=5.5	62.09	61	P	P	21 36 48.8 -1.0
D56A	ZEC Mazanza, M baz=316	62.17	49	P	P	21 36 48.5 -1.7
O49A	Covington baz=315	62.17	60	P	P	21 36 49.5 -0.8
Q48A	North Vernon baz=315	62.29	62	P	P	21 36 50.8 -0.4
E56A	St. Veronique baz=316	62.40	49	P	P	21 36 50.5 -1.3
N50A	Nevada baz=315	62.40	59	P	P	21 36 51.5 -0.4
P49A	Miami Univ. Ec baz=315	62.42	61	P	P	21 36 51.1 -0.9
WCI	Wyandotte Cave baz=315	62.47	63	P	P	21 36 52.3 -0.1
G55A	Calabogie baz=316	62.52	51	P	P	21 36 52.0 -0.6
O50A	Cable baz=315	62.59	59	P	P	21 36 52.9 -0.2
D57A	Chemin Vers le baz=317	62.60	48	P	P	21 36 51.9 -1.2
N51A	Ashland baz=315	62.71	58	P	P	21 36 53.6 -0.3
M52A	Chesterland baz=316	62.81	57	P	P	21 36 54.4 -0.2
P50A	Jamestown baz=315	62.87	60	P	P	21 36 54.5 -0.5
E57A	Chemin Saint G baz=317	62.92	49	P	P	21 36 54.8 -0.5
J54A	Appletton baz=317	62.98	54	P	P	21 36 55.5 -0.2

	baz=316					
O51A	Pataskala baz=316	63.14	59	P	P	21 36 56.6 -0.2
M53A	WJ Miller and baz=317	63.24	57	P	P	21 36 57.2 -0.3
Q50A	Georgetown baz=316,SNR=5.2	63.32	61	P	P	21 36 58.8 -0.2
OXF	Oxford baz=315	63.32	68	P	P	21 36 57.9 -0.1
S49A	Springfield baz=315	63.35	62	P	P	21 36 58.2 0.0
P51A	Williamsport baz=316	63.37	60	P	P	21 36 58.3 0.0
L54A	Sinclairville baz=316	63.38	55	P	P	21 36 58.1 -0.3
J55A	Hilton baz=316	63.40	53	P	P	21 36 58.4 -0.1
K54A	Basillio Farm, baz=316	63.43	54	P	P	21 36 58.3 -0.4
R50A	Paris baz=316	63.53	61	P	P	21 36 59.3 -0.1
Q51A	Peebles baz=316	63.53	60	P	P	21 36 59.6 +0.1
O52A	Adamsville baz=316	63.57	58	P	P	21 36 59.4 -0.3
N53A	Lisbon baz=316	63.61	57	P	P	21 36 59.7 -0.2
K55A	Perry baz=316	63.66	54	P	P	21 37 00.0 -0.2
T49A	Edmonton baz=316	63.69	63	P	P	21 37 00.7 +0.2
M54A	Oil Creek Stat baz=316	63.72	56	P	P	21 37 00.4 -0.3
P52A	Corning baz=316	63.76	59	P	P	21 37 00.6 -0.3
O53A	New Philadelph baz=316	63.81	58	P	P	21 37 00.6 -0.6
L55A	Hinsdale baz=316	63.87	55	P	P	21 37 01.0 -0.6
R51A	Hillsboro baz=316,SNR=13	63.92	61	P	P	21 37 02.2 +0.2
N54A	Moraine State baz=316	63.94	57	P	P	21 37 01.9 -0.2
K56A	Middlesex baz=317	64.06	54	P	P	21 37 03.0 +0.1
KMI	Kunming KMI	64.10	278	P	P	21 37 03.6 0.0
T50A	Nancy comp=Z,1.2nm,0.7s	64.14	63	P	P	21 37 03.7 +0.2
Q52A	Bidwell baz=316	64.17	59	P	P	21 37 03.4 -0.2
M55A	Ridgway baz=316	64.22	55	P	P	21 37 03.7 -0.2
P53A	Whipple baz=316	64.26	59	P	P	21 37 03.8 -0.4
O54A	Avella baz=316	64.30	57	P	P	21 37 04.3 -0.2
L56A	Greewood baz=317,SNR=5.8	64.35	54	P	P	21 37 04.8 -0.1
H58A	Gabriels baz=318	64.36	50	P	P	21 37 04.8 -0.1
S51A	Beattyville baz=317	64.39	61	P	P	21 37 05.4 +0.3
R52A	Cattlettsburg baz=316	64.41	60	P	P	21 37 05.1 -0.1
M56A	Emporium baz=317	64.51	55	P	P	21 37 05.6 -0.2
N55A	Marion Center baz=317	64.60	56	P	P	21 37 05.9 -0.5
Q53A	Leroy baz=316,SNR=6.4	64.64	59	P	P	21 37 06.2 -0.5
T51A	Gray baz=316	64.68	62	P	P	21 37 06.6 -0.4
R53A	Hurricane baz=316	64.79	60	P	P	21 37 07.9 +0.2
L57A	Andrews Acres baz=317	64.81	54	P	P	21 37 07.7 -0.1
J59A	Piesco baz=318	64.91	51	P	P	21 37 07.6 -0.8
Q54A	Coxs Mills baz=318	64.92	59	P	P	21 37 08.3 -0.2
MCWV	Mont Chateau baz=317	64.96	57	P	P	21 37 08.7 -0.1
P55A	Reedsville baz=317	65.08	58	P	P	21 37 09.4 -0.2
T52A	Hallie baz=316	65.11	61	P	P	21 37 10.3 +0.5
M57A	Williamshine Farm, baz=317	65.16	55	P	P	21 37 10.0 0.0
S53A	Sunhamston baz=316	65.17	60	P	P	21 37 10.5 +0.3
TZTN	Tazewell baz=316	65.20	62	P	P	21 37 10.4 -0.1
K59A	Coovertown baz=318	65.25	52	P	P	21 37 10.3 -0.3
L58A	Harry Jones Me baz=318	65.28	53	P	P	21 37 10.8 0.0
Q55A	Buckhannon baz=317	65.32	58	P	P	21 37 10.9 -0.2
N57A	Milroy baz=317	65.36	55	P	P	21 37 11.2 -0.1
T53A	Wise baz=317	65.45	61	P	P	21 37 12.3 +0.2
M58A	Price's Panora baz=318	65.47	54	P	P	21 37 11.4 -0.6
G62A	West of Eustis baz=318	65.50	48	P	P	21 37 11.7 -0.5
E63A	Oxbow baz=320	65.56	46	P	P	21 37 11.9 -0.6
L59A	Walton baz=318	65.58	53	P	P	21 37 12.7 -0.1
J60A	Hill Farm baz=318	65.60	51	P	P	21 37 12.5 -0.4
H61A	Oroboro, Fairl baz=318	65.67	50	P	P	21 37 12.7 -0.6
H62A	Milan baz=319	65.69	49	P	P	21 37 12.6 -0.8
TKL	Tuckaleechee C comp=Z,4.5nm,0.8s,baz=252,slow=3.2,SNR=3.6	65.72	63	P	P	

4d 22h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like SYO, SUR, SNA, etc.

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Table with columns: LPAZ, La Paz, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like STKA, STKA, LEM, etc.

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

WAKE I4 22:09:00.43:50N,147:60E,h44km,Mw3.8 Best double couple: M6.04000-1.014 NP1.3,303.00000, 862.00000, 1-107.00000. NP2:1.155.00000, 832.00000, 1-62.00000

JMA 04 22:09:06.9:0.4, 43:54N;147:58E, h13km, M3.8 MOS 04 22:09:08.4:1.2, 43:74N;147:70E, h52km, mb4.0/4. Error ellipse: s-maj=15.4km s-min=13.3km az=65.9

SKHL 04 22:09:09.0:1.4, 43:76N;147:53E, h75km, 5km, mb4.5/3.0 IDC 04 22:09:12.8:3.2, 43:80N;147:69E, h72km, 28km, mb3.3/1.0, mb1.3/6/13, mb1mx3.5/50, mbmp3.7/13, MS3.4/2, Ms1.3/4.2, ms1mx2.7/32, Error ellipse: s-maj=30.7km s-min=17.5km az=155.0

ISC 04 22:09:09.0:0.9, 43:59N;148:01E, 0:08, h147:69E, h38km, 3km, n46, -1531/42, mb3.8/14, 4C-1D, Kuril Islands

WAKE I4 22:35:12.7:3.7, 36:07N;69:33E, h13km, 30km, mb3.4/6, mb1.3/4/11, mb1mx3.1/75, mbtmp3.8/11, MS4.0/1, Ms1.4/0/1, ms1mx2.6/33, Error ellipse: s-maj=31.0km s-min=21.1km az=170.0

NINC 04 22:35:20.3:7.4, 36:93N;68:95E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=59.2km s-min=41.9km az=177.0

ISC 04 22:35:04.9:1.2, 35:81N;106:55E, 0:1, h35km, n36, az21/35, mb3.8/6, 2C-2D, Hindu Kush region

4d 22h

Table with columns: PDAR, YALV, MKAR, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like Pinedale Array, Zalesovo Beam, Makanchi Array.

SOME 04 22:40:32.5-0.0, 27.94N, 104.66E, h73km, mb5.5/10
BUJ 04 22:40:33.2-0.0, 28.14N, 103.57E, h13km, mb5.3/36,
mb5.3/60, ML5.4/19, Ms5.1/82, Ms7.4/8/69

MOS 04 22:40:33.7-0.9, 28.15N, 103.62E, h25km, mb5.5/59,
MS4.7/25, Error ellipse: s-maj=5.0km s-min=3.3km
az=118.9

IDC 04 22:40:34.1-1.5, 28.16N, 103.60E, h16km, mb5.1/63,
mb1.5/166, mb1mx5.0/76, mbtmp5.1/66, ML4.9/3, MS4.2/27,
Ms1.4/2/27, ms1mx4.1/42, Error ellipse: s-maj=8.6km
s-min=6.5km az=50.0

BGR 04 22:40:35.5-0.0, 27.48N, 103.56E, h33km, mb5.4, Ms4.8
NEIC 04 22:40:35.4, 1.6, 28.17N, 103.62E, 0.06, h25km, 2km,
mb5.4/274, Error ellipse: s-maj=9.3km s-min=6.9km
az=138.0

GCMT 04 22:40:35.4-0.2, 28.18N, 103.69E, 0.02, h12km, 1km,
MW4.9/90, Moment Tensor Solution. s17, c19; s90, c144;
0 Moment tensor: Scale 10^19Nm; Mr1.77±.15;
M90.06±.09; M90-1.83±.10; M90-1.19±.32; M90-1.38±.06;
M90-0.08±.20; Best double couple: M2.55800x10^16
NP1: 360.00000°, 645.00000°, 145.00000°. NP2:
62.35.00000°, 560.00000°, 1125.00000°. Principal axes:
T: 2.4630, P: 58.0000, Azm: 196.0000; N: 0.1890,
P: 93.0000, Azm: 35.0000; S: 2.6530, P: 9.0000,
Azm: 300.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 04 22:40:34.6-0.5, 28.13N, 103.65E, 0.03, h19km, 1km,
h19km; p-P, n933, c19141, 984, mb5.4/329, MS4.4/62,
62C-58D, Sichuan

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like Chengdu, Kunming, Lanzhou, Wuhan, Guangzhou, etc.

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Main station list table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like GTA, PBKT, BRDH, UBPT, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like SOMM, ULN, WMO, etc.

4d 22h

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ARU, SOEI, ALNE, AJN, SOKR, MA2, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSA2, PSA0, PSA1, PSA2, etc.

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

5d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMK Ichinoseki, USRK Ussuriysk Ar., ASAJ Asahikawa, etc.

IDC 05:00:29.41.4.2.0, 2.19N:127.20E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/39, mbtmp3.6/4, Error ellipse: s-maj=125.4km s-min=23.3km az=69.0, Northern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 05:00:33:53.7-0.5, 20.04S:70.47W, h0km, mb4.5/6, mb1 4.6/19, mb1mx4.5/35, mbtmp4.6/19, ML4.4/3, MS4.4/15, Ms1 4.3/15, ms1mx4.2/18, Error ellipse: s-maj=17.7km s-min=11.8km az=66.0

NEIC 05:00:33:56.6, 20.07S:70.56W, h30km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr: 25; Mth: 0.08; Mtr: -1.33; Mnn: 0.71; Mtt: -0.69; Mnt: -1.80; Fault plane solution: M2: 4.30000; 1016; NP1: 47.84000; 528.14000; 1.144, 10000; NP2: 170.39000; 873.95000; 1.6657000; 1. Best double couple; M5: 5.06000; 1016; Azm1: 0.0000; N: -0.450; Plg2: 0.0000; Azm177.0000; P: 2.2983; Plg25.0000; Azm279.0000;

NEIC 05:00:33:57.2-1.6, 20.13S:70.03W, h0km, mb1.0km, mb5.0/229, Mwr4.9/38, ML4.8(GUC) Error ellipse: s-maj=8.7km s-min=4.5km az=278.0

GUC 05:00:33:58.0-0.9, 20.17S:70.52W, h37km, 4km, ML4.8 VAO 05:00:34:00.2-0.9, 20.04S:70.43W, h53km, 6km, mb4.7

GCMT 05:00:34:03.2-0.3, 20.13S:70.02W, h4W, 0.02, h33km, MW5.1/94, Moment Tensor Solution. s59.c72; s94.c120; Duration: 0.1; Moment tensor: Scale 10^16Nm; Mrr: 0.84; Mth: 0.62; Mtr: -1.17; Mnn: -0.47; Mtt: 1.13; Mnt: 0.66; 14; Mnt: 0.78; 08; Mtr: -3.18; 17; Best double couple; M5: 5.06000; 1016; NP1: 355.0000; 327.0000; 1.95.0000; NP2: 0.169.0000; 6.63.0000; 1.88.0000; Principal axes: T: 5.1450, Plg2: 0.0000; Azm74.0000; N: 0.7220, Plg2: 0.0000; Azm171.0000; P: 5.8670, Plg1: 8.0000; Azm261.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05:00:33:57.1-0.6, 20.14S:70.02W, h28km, 4km, n381, s114/370, mb5.0/111, MS4.6/18, 1C-1D, Near coast of northern Chile

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB11 IPOC Station P, PB08 IPOC Station P, PB02 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB01 IPOC Station P, PB07 IPOC Station P, PB03 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, PB16 IPOC Station P, PB04 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC Limon Verde, LVC Limon Verde, PB15 IPOC Station P, etc.

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CPUP Villa Florida, CPUP Villa Florida, AQDB Aquidauana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA Paso Flores, PLCA Paso Flores, BB19B Bebedouro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTGA Pitinga, PTGA Pitinga, VAO Valinhos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RREF El Recreo, JANB Januaria, GUY2C Guyana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NBPS Pedro II - PE, TO5P Speyside, NBLA Lagoa - SE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JTS Las Juntas de S, SVB Belmont, FDF Fort de France, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RCBR Riachuelo, RCBR Riachuelo, ICMF Isla Caja de M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLRP Maqueyes Islan, CRPR Cabo Rojo, CRPR Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SJB San Juan, SJB San Juan, HUMP Col San Antoni, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like V51A Loudon, V51A Loudon, TS9A Double 'B' Far, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLAL Pickwick Lake, US4A Neilsons Ferry, US4A Neilsons Ferry, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TS7A Hurt, TS7A Hurt, comp=Z,28nm,1.2s Junction City, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like V48A Smith Brothers, V48A Smith Brothers, WLAR White Oak Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like W45A Hickory Valley, W45A Hickory Valley, SACV Santiago Islan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HPIC Cedars of Leba, CLTN Cedar Lake, WHTX Lake Whitney, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U49A Red Boiling Sp, R58B Mineral, R58B Mineral, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WWT Waverly, WWT Waverly, X40A Basin Creek Fa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like R61A Willards, UALR University of, UALR University of, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like PTGB, PCMB, ARAG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like MIYV, MIYU, OFUN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like KSAR, WUJU, TYOV, etc.

NIED 05:01:16:00:39:20N:142:40E, h32km, Mw5.2 Best double couple: M=7.47000x10^16 NP1=1.78,00000; s66.00000, lambda=78.00000; NP2=0.330,00000; s26.00000; lambda=115.00000.

YSS Yuzh-Sakhalins 7.75 21/P eS Pn 01 18 11.2 +1.7 Sn 01 19 35.8 -0.1

KSAR WUJU Array Be 11.55 266 Pn 01 19 02.8 +1.1 TYOV Tynovskoe 11.66 1 eS Pn 01 19 02.9 -0.1

YES	comp=Z,46nm,1.4s Vestal, Richgr baz=307,SNR=9.9	74.11	57	P	P	01 27 52.2 +0.6
FXWY	Fox Creek	74.20	46	P	P	01 27 53.8 +1.5
PKM	McPherson Peak baz=307	74.21	58	P	P	01 27 53.9 +1.5
RLMT	Red Lodge	74.23	44	P	P	01 27 53.9 +1.5
SIM	comp=Z,310,SNR=16 Simferopol'	74.33	316	P	P	01 27 58.3 +5.6
SIM	comp=Z,170,0.9s simax			eS	SKIKP	01 37 17.0 +0.8
SIM	comp=N,300nm,14.0s MLR				MLR	
TPAW	Teton Pass	74.34	46	Iamb	Iamb	01 27 57.2
CWC	Cottonwood Cre baz=307	74.40	56	P	P	01 27 54.2 +0.7
REDW	Red Top Meadow comp=Z,36nm,1.4s	74.48	46	Iamb	Iamb	01 27 57.7
GRAC	Grapevine Rang baz=308	74.52	59	P	P	01 27 55.8 +1.7
ISA	Isabella, Lake baz=307,SNR=8.1	74.62	57	P	P	01 27 55.1 +0.4
DGMT	Dagmar	74.65	39	P	P	01 27 55.6 +1.0
R11A	Troy Canyon, C baz=312,SNR=8.0	74.81	53	P	P	01 27 56.8 +0.9
R11A	Troy Canyon, C baz=308,SNR=5.3	74.81	53	Iamb	Iamb	01 27 59.3
LAO	LASA Array baz=311,SNR=17	74.82	42	P	P	01 27 57.1 +1.5
LAO	LASA Array comp=Z,69nm,1.2s	74.82	42	Iamb	Iamb	01 27 59.0
MPMC	Manual Prospec baz=308,SNR=15	75.01	56	P	P	01 27 58.3 +1.2
FURC	Furnace Creek, baz=308,SNR=5.2	75.16	55	P	P	01 27 59.2 +1.5
HWUT	Hardware Ranch comp=Z,48nm,1.2s	75.19	48	Iamb	Iamb	01 28 01.6
SORM	Soroc	75.22	321	UP	P	01 27 57.7 0.0
LRMC	Laurel Mtn Rd baz=308	75.24	56	P	P	01 27 59.4 +1.1
TPNV	Topopah Spring baz=308,SNR=21	75.26	54	P	P	01 27 59.6 +1.1
TPNV	Topopah Spring comp=Z,25nm,1.0s	75.26	54	Iamb	Iamb	01 28 14.7
DUG	Dugway, Toeole baz=309,SNR=24	75.34	50	P	P	01 28 00.4 +1.5
DUG	Dugway, Toeole comp=Z,69nm,1.2s	75.34	50	Iamb	Iamb	01 28 02.5
EDW2	Edwards Air Fo baz=308,SNR=12	75.40	57	P	P	01 28 00.4 +1.3
NWA0	Narrogin (SRO) comp=Z,81nm,0.7s,baz=67,slow=3.1,SNR=6.9	75.48	202	P	P	01 27 59.4 +0.1
BW06	Boulder Array baz=310,SNR=14	75.59	46	P	P	01 28 01.1 +0.7
BW06	Boulder Array comp=Z,14nm,1.6s	75.59	46	Iamb	Iamb	01 28 04.0
PDAR	Pinedale Array comp=Z,6.0nm,0.8s,baz=275,slow=1.7,SNR=46	75.59	46	LR	LR	01 27 13.1
PDAR	comp=Z,144nm,21.4s,baz=336,slow=32					
MWC	Mount Wilson comp=Z,38nm,1.4s	75.76	57	Iamb	Iamb	01 28 04.3
MILC	Milestii Mici	75.81	320	UP	P	01 28 01.6 +0.4
SHOC	Shoshone, Teco baz=308	75.89	55	P	P	01 28 02.9 +1.0
GSC	Goldstone, Bar	75.92	56	P	P	01 28 03.2 +1.1
GSC	comp=Z,34nm,1.5s Goldstone, Bar baz=308,SNR=10	75.92	56	P	P	01 28 03.2 +1.1
GSC	Goldstone, Bar	75.92	56	P	P	01 28 03.2 +1.1
BFSC	Mount Baldy Ra baz=308,SNR=6.8	76.02	57	P	P	01 28 04.0 +1.2
LVV	L'vov	76.09	324	eP	MLR	01 28 03.8 +1.0
SHPR	Sheep Range	76.22	54	Iamb	Iamb	01 28 07.5
BZK	Bozkurt	76.33	313	UP	P	01 28 04.6 +0.4
TUQ	Turquoise Moun baz=308,SNR=16	76.40	55	P	P	01 28 06.2 +1.3
MURC	Murrieta	76.41	58	P	P	01 28 07.1 +0.5
KWP	Kawliaria Pacia baz=308	76.83	325	eP	L	01 28 09.1 +2.1
KWP	comp=Z,2um,16.6s Kawliaria Pacia	76.83	325	eP	MLR	01 28 09.1 +2.1
KWP	comp=Z,2um,16.6s Kawliaria Pacia	76.83	325	Iamb	Iamb	01 28 09.8
GMRC	Granite Mounta baz=309,SNR=7.7	76.97	56	P	P	01 28 09.1 +0.9
TLCR	Bucovina Array	76.99	318	UP	P	01 28 07.3 -0.6
BURAR	Bucovina Array	77.10	322	UP	P	01 28 09.5 +0.8
BURAR	Bucovina Array	77.10	322	P	P	01 28 09.1 +0.4
BIZ	Bicaz	77.12	321	UP	P	01 28 09.8 +1.0
TESR	Tescani	77.17	320	UP	P	01 28 09.5 +0.6
PFO	Pinyon Flats O	77.19	57	P	P	01 28 10.3 +0.9
PFO	comp=Z,24nm,1.3s Pinyon Flats O	77.19	57	P	P	01 28 10.4 +1.0
PFO	Pinyon Flats O	77.19	57	P	P	01 28 10.2 +0.9
XPFO	Pion Flat	77.19	57	P	P	01 28 09.8 +0.4
BELC	Belle Mtn. Jos baz=309	77.24	57	P	P	01 28 10.3 +0.5
ULM	Lac du Bonnet comp=Z,19nm,1.0s,baz=315,slow=7.1,SNR=21	77.26	34	P	P	01 28 09.3 0.0
ULM	comp=Z,185nm,18.4s,baz=330,slow=39					
ULM	Lac du Bonnet	77.26	34	Iamb	Iamb	01 28 11.5
CFR	Carailui	77.35	319	UP	P	01 28 09.9 0.0
K22A	Casper	77.37	45	P	P	01 28 11.0 +0.7
K22A	comp=Z,46nm,1.2s Casper	77.35	45	Iamb	Iamb	01 28 13.0
TOPG	Topolog	77.43	318	UP	P	01 28 10.6 +0.2
GAZ	Gaziantep	77.53	308	P	P	01 28 12.1 +0.9
KOLS	Kolonickie sedl	77.53	324	eP	P	01 28 11.8 +0.9
KOLS	Kolonickie sedl	77.53	324	P	P	01 28 11.8 +0.9
VRI	Vrincioia	77.58	320	UP	P	01 28 11.1 -0.2
RWWY	Rawlins	77.61	46	Iamb	Iamb	01 28 14.7
PLOR	Plostina	77.63	320	UP	P	01 28 12.3 +0.7
MONP2	Monument Peak baz=309	77.66	58	P	P	01 28 13.5 +1.3
OJC	Ojcow	77.68	326	eP	L	01 28 12.8 +1.1
OJC	comp=Z,1um,16.8s Ojcow	77.68	326	eP	MLR	01 28 12.8 +1.1
OJC	comp=Z,1um,16.8s Ojcow	77.68	326	Iamb	Iamb	01 28 14.3
E28A	Huff	77.68	39	Iamb	Iamb	01 28 14.5
RSSD	Black Hills	77.69	43	P	P	01 28 12.7 +0.5
RSSD	comp=Z,29nm,1.1s Black Hills	77.69	43	P	P	01 28 12.6 +0.5
RSSD	Black Hills	77.69	43	P	P	01 28 12.7 +0.5
RSSD	comp=Z,40nm,1.2s Black Hills	77.69	43	Iamb	Iamb	01 28 14.7
IRM	comp=Z,29nm,1.1s Iron Mountain baz=309,SNR=12	77.70	56	P	P	01 28 13.3 +1.2
TIRR	Tirgusor	77.70	318	UP	P	01 28 11.3 -0.5
UZH	Uzhgorod	77.74	324	eP	P	01 28 13.5 +1.6
UZH				e		01 28 17.8
UZH				e		01 28 26.0
BC3	Big Chuckawall baz=309,SNR=8.6	77.81	57	P	P	01 28 13.8 +0.9
ARC9	ARCALIA	77.89	322	UP	P	01 28 13.4 +0.4
OZUR	77.89	320	UP	P	P	01 28 14.5 +1.5
TRPA	Tarpa	77.99	342	UP	P	01 28 14.7 +1.2
BRTR	Keckin Array B comp=Z,3.0nm,0.5s,baz=121,slow=3.2,SNR=32	78.00	312	P	P	01 28 14.3 +0.4
BRTR	comp=Z,362nm,18.9s,baz=34,slow=39					
BRTR	Keckin Array B	78.00	312	P	P	01 28 13.8 -0.1
IKP	In-Ko-Pah, Jac	78.02	58	P	P	01 28 15.5 +1.6
NIE	Niedzica	78.05	326	eP	L	01 28 15.4 +1.5
NIE	comp=Z,808nm,16.8s Niedzica	78.05	326	eP	MLR	02 05 14.0
NIE	comp=Z,800nm,16.8s North Rim	78.06	53	Iamb	Iamb	01 28 18.2
U15A	White River Ci baz=312,SNR=18	78.06	48	P	P	01 28 14.5 +0.2
O20A	White River Ci comp=Z,39nm,1.2s	78.06	48	Iamb	Iamb	01 28 17.1
O20A	White River Ci baz=312,SNR=18	78.06	48	Iamb	Iamb	01 28 17.1
DOPR	Dopca	78.18	321	UP	P	01 28 16.1 +1.5
MLR	Muntele Rosu, baz=310,SNR=11	78.24	320	UP	P	01 28 15.6 +0.5
PDMCI	Parker Dam,Lak	78.25	55	P	P	01 28 16.7 +0.9
ICOR	Ion Corvin	78.25	318	UP	P	01 28 15.5 +0.6
Y12C	Blythe baz=310,SNR=9.9	78.35	56	P	P	01 28 16.7 +1.0
Y12C	Blythe comp=Z,48nm,1.4s	78.35	56	Iamb	Iamb	01 28 18.8
ANTO	Ankara	78.40	312	P	pmax	01 28 16.6 +0.6
ANTO	comp=Z,23nm,1.2s Ankara	78.40	312	P	pmax	01 28 16.6 +0.6
ANTO	Ankara	78.40	312	P	P	01 28 16.6 +0.6
GLA	Glamis	78.60	57	P	P	01 28 18.0 +0.9
GLA	Glamis baz=309,SNR=8.1	78.60	57	Iamb	Iamb	01 28 20.3
LANS	Liptovska Anna comp=Z,49nm,1.5s	78.62	326	eP	pmax	01 28 19.3 +2.3
LANS	Liptovska Anna comp=Z,7.0nm,1.3s	78.62	326	eP	pmax	01 28 19.3 +2.3
OKC	Ostrava-Krasne baz=307,SNR=5.5	78.67	327	eP	AMS	01 28 17.9 +0.7
OKC	Ostrava-Krasne comp=Z,800nm,16.3s	78.67	327	eP	MLR	01 28 17.9 +0.7
OKC	Ostrava-Krasne	78.67	327	eP	MLR	01 28 17.9 +0.7
KSP	Ksiaz	78.67	329	eP	L	01 28 18.3 +1.1
KSP	comp=Z,1um,21.5s Ksiaz	78.67	329	eP	MLR	02 05 10.4
KSP	comp=Z,1um,21.5s Ksiaz	78.67	329	eP	MLR	01 28 18.3 +1.1
AGMN	Agassiz Nation comp=Z,14nm,1.2s	78.70	35	P	P	01 28 17.5 +0.1
AGMN	Agassiz Nation comp=Z,14nm,1.2s	78.70	35	Iamb	Iamb	01 28 19.3
VOIR	Pilot Hill	78.72	320	UP	P	01 28 18.5 +0.8
PHWY	Red Feather La baz=313,SNR=23	78.85	46	P	P	01 28 22.1 +1.3
N23A	Mucurru	78.90	314	Iamb	Iamb	01 28 20.4
MDUB	Ostas comp=Z,42nm,0.8s	78.92	328	eP	AMS	01 28 19.7 +1.1
OSTC	Ostas	78.92	328	eP	AMS	02 05 30.0
CHVC	Chvalec	78.96	328	eP	AMS	01 28 19.3 +0.5
CHVC	comp=Z,1um,19.9s Chvalec	78.97	327	UP	P	02 05 20.0
MORC	Moravsky Berou	78.97	327	UP	P	01 28 19.9 +1.0
MORC	Moravsky Berou	78.97	327	UP	P	01 28 19.5 +0.6
ARR	Arges	78.98	321	UP	P	01 28 20.8 +1.7
D32A	Dogwood Acres, comp=Z,64nm,1.4s	79.03	37	Iamb	Iamb	01 28 21.2
DPC	Dobruska-Polom	79.04	328	eP	AMS	01 28 20.2 +0.9
DPC	Dobruska-Polom	79.04	328	eP	AMS	02 05 40.0
DPC	Dobruska-Polom	79.04	328	eP	MLR	01 28 20.2 +0.9
UPC	Ujice	79.04	328	AMS	AMS	02 05 40.0
PV02	Paradox Valley comp=Z,25nm,1.0s	79.06	49	Iamb	Iamb	01 28 20.1 +0.7
KRLC	Kraliky	79.06	328	eP	AMS	01 28 20.1 +0.7
KRLC	Kraliky	79.06	328	eP	AMS	02 05 30.0
KRLC	Kraliky	79.06	328	eP	MLR	01 28 20.1 +0.7
KRLC	Kraliky	79.06	328	eP	MLR	01 28 20.1 +0.7
PV01	Paradox Valley comp=Z,50nm,1.5s	79.19	49	Iamb	Iamb	01 28 23.9
Y14A	Wickenburg	79.21	55	Iamb	Iamb	01 28 23.6
WUAZ	Wupatki baz=311,SNR=20	79.21	53	P	P	01 28 22.0 +1.3
WUAZ	Wupatki comp=Z,38nm,1.2s	79.21	53	Iamb	Iamb	01 28 35.6
LOT	Lotru	79.34	321	UP	P	01 28 20.9 -0.2
PSZ	Piszkesteto	79.35	325	UP	P	01 28 20.9 -0.1
PSZ	Piszkesteto	79.35	325	P	pmax	01 28 22.1 +1.1
PSZ	Piszkesteto	79.35	325	P	pmax	01 28 22.1 +1.1
PSZ	Piszkesteto	79.35	325	P		

5d 1h

2014 APR

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like PPT2 Papeete, TUE Stuetta, PAE Paea, D47A Chepleau, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like TBI Tubuai, TBI Tubuai, TBI Tubuai, E58A La Victoria, N47A Urbana, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like S49A Springfield, R50A Paris, R50A Paris, O54A Avella, etc.

IDC 05 01:16:50.7±2.8, 5.93S:147.27E, h0km, mb3.9/3, mb1 4.0/5, mb1mx3.6/44, mbtmp3.9/5, ML3.9/1, Error ellipse: s-maj=69.9km s-min=30.6km az=96.0, Eastern New Guinea region

IDC 05 01:20:19.2±2.1, 2.02N:127.57E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.5/44, mbtmp3.7/4, Error ellipse: s-maj=107.7km s-min=27.0km az=370.0, Northern Molouca Sea

IDC 05 01:36:10.1±1.1, 19.61S:70.80W, h0km, mb3.8/5, mb1 4.1/7, mb1mx3.8/28, mbtmp3.9/7, ML4.0/2, MS3.6/6, Ms1 3.6/6, ms1mx3.4/24, Error ellipse: s-maj=30.3km s-min=16.4km az=67.0

SONG Songino Array 152.10 4 PKPbc PKiKp 02 25 42.0 +0.6
LZH Lanzhou 163.30 15 ePKP PKPpdf 02 25 41.3 -7.4

H11S2 WAKE ISLAND Hy25.68 279 T T 04 55 48.8
H11S1 WAKE ISLAND Hy25.69 279 T T 04 55 46.5
H11S3 WAKE ISLAND Hy25.70 279 T T 04 55 50.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC
ROCI El Roble 0.41 130 Op Pn 02 25 50.1 +1.2
ROCH El Roble 0.41 129 I/P Pn 02 25 49.5 +0.7

NEIC 05 02:17:18.6, 19:92S:71:21W, h18km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr4.02; Mw0.32; M0-4.34; Mw-1.0; Mw1.48; Mw0.73; Fault plane solution: M4.51000:10^15 NP1:35.345.62000:0.849.74000:0.9247000: NP2:35.161.81000:0.840.32000:0.847.09000: Principal axes: T 0.4841, Plg165.0000; P Azm276.0000; N 0.7506, Plg2.0000; Azm164.0000; P -4.8347, Plg5.0000; Azm74.0000

PRU 05 02:21:39.9:0.0, 51:48N:16:14E, h0km
ISC 05 02:21:39.5:1.9, 51:48N:0:09:16:14E:0:06, h0km, n12, e892/235, Poland

0.2650, Plg6.0000; Azm10.0000; P -3.1390, Plg17.0000; Azm278.0000; n12: n12a1 refers to body waves, cutoffs-40s. n12a2 refers to surface waves, cutoffs-50s. Triangular moment-rate function

ICD 05 02:17:18.6:0.0, 19:92S:71:21W, h18km, mb4.0/11, mb1.4/213, mb1mx4.1/28, mbmp4.1/13, ML4.2/22, IS3.5/1, Ms1.3/6.1, ms1mx3.1/25, Error ellipse: s-maj=22.2km s-min=19.1km az=63.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC
KSP Ksiaz 0.64 171 Op Pn 02 21 51.9 +0.1
KSP Chvalec 0.89 184 eSg Pn 02 21 56.8 +0.2
OSTC Ostas 0.92 177 eSg Pn 02 21 57.4 +0.2

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PLCA Paso Flores 8.03 175 eP Pn 02 24 32.8 -0.4
PLCA Paso Flores 8.03 175 eP Pn 02 24 34.3 +1.1
PLCA IPOC Station P 8.10 6 Pn 02 24 37.0 +2.5

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PSGC Pisagua 0.93 69 Op Pn 02 17 37.0 -1.9
PSGC Diego Aracena 1.03 128 I/P Pn 02 17 39.3 -0.9
PSGC Punta Patache 1.22 137 I/P Pn 02 17 42.0 -0.9

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PRU Pruhonice 1.80 215 eSg Sg 02 22 37.9 +0.4
MORC Moravsky Berou 1.92 152 ePn Pn 02 22 12.9 -0.6
MORC Colim 1.98 266 eSg Pn 02 22 17.0 +0.7

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PLCA Paso Flores 8.03 175 eP Pn 02 24 32.8 -0.4
PLCA Paso Flores 8.03 175 eP Pn 02 24 34.3 +1.1
PLCA IPOC Station P 8.10 6 Pn 02 24 37.0 +2.5

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PSGC Punta Patache 1.22 137 I/P Pn 02 17 42.0 -0.9
PSGC IPOC Station P 1.32 83 I/P Pn 02 17 43.5 -0.8
PSGC Punta Patache 1.32 83 I/P Pn 02 17 43.5 -0.8

ICD 05 02:21:53.3:1.5, 19:79S:70:89W, h0km, mb3.9/3, mb1.4/2.5, mb1mx3.9/28, mbmp4.0/5, ML4.0/2, Error ellipse: s-maj=40.7km s-min=31.6km az=53.0
GUC 05 02:21:55.7:1.0, 19:92S:71:00W, h40km, mb3.8/3, GUC 05 02:21:54.7:2.0, 19:92S:70:94W:0:08, h14km, n11km, n18, e112/28, Near coast of northern Chile

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PLCA Paso Flores 8.03 175 eP Pn 02 24 32.8 -0.4
PLCA Paso Flores 8.03 175 eP Pn 02 24 34.3 +1.1
PLCA IPOC Station P 8.10 6 Pn 02 24 37.0 +2.5

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PSGC Punta Patache 1.22 137 I/P Pn 02 17 42.0 -0.9
PSGC IPOC Station P 1.32 83 I/P Pn 02 17 43.5 -0.8
PSGC Punta Patache 1.32 83 I/P Pn 02 17 43.5 -0.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PSGC Pisagua 0.81 72 Op Pn 02 22 11.6 +0.3
PSGC Diego Aracena 1.00 135 eP Pn 02 22 17.3 -0.2
PSGC IPOC Station P 1.21 86 eP Pn 02 22 18.0 -0.1

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PLCA Paso Flores 8.03 175 eP Pn 02 24 32.8 -0.4
PLCA Paso Flores 8.03 175 eP Pn 02 24 34.3 +1.1
PLCA IPOC Station P 8.10 6 Pn 02 24 37.0 +2.5

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PSGC Punta Patache 1.22 137 I/P Pn 02 17 42.0 -0.9
PSGC IPOC Station P 1.32 83 I/P Pn 02 17 43.5 -0.8
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PLCA Paso Flores 8.03 175 eP Pn 02 24 32.8 -0.4
PLCA Paso Flores 8.03 175 eP Pn 02 24 34.3 +1.1
PLCA IPOC Station P 8.10 6 Pn 02 24 37.0 +2.5

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PSGC IPOC Station P 1.21 86 eP Pn 02 22 18.0 -0.1

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PLCA Paso Flores 8.03 175 eP Pn 02 24 32.8 -0.4
PLCA Paso Flores 8.03 175 eP Pn 02 24 34.3 +1.1
PLCA IPOC Station P 8.10 6 Pn 02 24 37.0 +2.5

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PSGC IPOC Station P 1.32 83 I/P Pn 02 17 43.5 -0.8
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PLCA Paso Flores 8.03 175 eP Pn 02 24 34.3 +1.1
PLCA IPOC Station P 8.10 6 Pn 02 24 37.0 +2.5

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PSGC Diego Aracena 1.00 135 eP Pn 02 22 17.3 -0.2
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PLCA Paso Flores 8.03 175 eP Pn 02 24 34.3 +1.1
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PLCA Paso Flores 8.03 175 eP Pn 02 24 32.8 -0.4
PLCA Paso Flores 8.03 175 eP Pn 02 24 34.3 +1.1
PLCA IPOC Station P 8.10 6 Pn 02 24 37.0 +2.5

PMSA	Palmer Station	32.41 174	eP	P	02 29 05.6 +1.0
HOPE	Hope Point	32.74 142	P	P	02 29 10.1 +2.4
HOPE			pmax	pmax	
	comp=Z,469nm,1.0s				
HOPE	Hope Point	32.74 142	P	P	02 29 10.1 +2.4
RAPA	Rapa Nui	33.23 270	LR	LR	02 38 58.2
PTGA	Pitinga	33.58 21	P	P	02 29 15.7 +0.3
	comp=Z,28nm,1.1s,baz=201,slow=10,SNR=21				
PTGA			LR	LR	02 45 18.1
PTGA	Pitinga	33.58 21	P	P	02 29 16.0 +0.6
PTGA			IAMB	IAMB	02 29 17.0
	comp=Z,71nm,1.3s				
PTGA	Pitinga	33.58 21	eP	P	02 29 15.5 +0.1
NBIT	Itapeh - BA	33.99 66	eP	P	02 29 19.2 +0.2
CRUC	La Cruz	34.50 30	eP	P	02 29 27.4 +3.6
MACC	Macarena, Meta	34.75 356	eP	P	02 29 26.7 +1.2
SOTA	Rioblanco	35.01 351	eP	P	02 29 31.5 +3.2
BETC	Betania	35.41 353	eP	P	02 29 34.6 +3.4
NBPN	Ponto Novo - B	36.00 60	eP	P	02 29 35.8 -0.6
PRAC	Prado	36.38 354	eP	P	02 29 42.0 +2.5
PYAG	Puerto Ayora	36.50 327	IAMS_20	IAMS_20	02 40 29.8
	comp=Z,3um,21.0s				
ORTO	Ortega, Tolima	36.60 354	eP	P	02 29 44.1 +2.6
WILC	Vilavencio	36.69 356	eP	P	02 29 45.3 +3.0
YOTC	Yotoco, Valle	36.80 352	eP	P	02 29 44.5 +1.3
ANIL	Santa Ana	37.19 353	eP	P	02 29 51.1 +4.3
CHIC	Chingaza	37.20 356	eP	P	02 29 48.7 +1.7
ROSC	El Rosal	37.45 355	eP	P	02 29 50.2 +1.1
	comp=Z,58nm,0.9s,baz=169,slow=6.4,SNR=16				
ROSC			LR	LR	02 45 35.2
ROSC			LR	LR	02 45 35.2
ROSC	El Rosal	37.45 355	eP	P	02 29 52.0 +2.9
ROSC	El Rosal	37.45 355	IAMS_20	IAMS_20	02 45 23.9
	comp=Z,3um,19.0s				
RREF	El Recreo	37.59 354	eP	P	02 29 53.6 +3.1
NBLA	Lagarto - SE	37.69 63	eP	P	02 29 49.6 -1.1
PLMC	San Jos del P	37.70 352	eP	P	02 29 54.6 +1.8
NORC	Norcasia	38.21 354	eP	P	02 29 52.3 -0.8
SPBC	San Pablo de B	38.24 356	eP	P	02 29 56.1 +0.7
RUSC	La Rusia	38.42 357	eP	P	02 29 58.2 +1.8
CBOC	Ciudad Bolivar	38.61 353	eP	P	02 30 00.4 +1.8
NBTA	Tacaratu-PE	38.71 60	eP	P	02 29 58.7 -0.7
HELIC	Santa Helena	38.89 353	eP	P	02 30 02.5 +1.3
TAMC	Tame, Arauca	38.93 359	eP	P	02 30 02.5 +1.4
PTBC	PUERTO BERRIO,	39.14 356	eP	P	02 30 02.3 -0.5
NBMA	Murriti-CE	39.40 57	eP	P	02 30 05.3 +0.2
NBAN	Anadia - AL	39.67 63	eP	P	02 30 06.5 -0.9
NBPS	Pedro II - PI	39.71 51	eP	P	02 30 06.9 -0.9
DBBC	Dabeiba	39.77 353	eP	P	02 30 10.8 +2.4
NBPE	Pedra Branca-C	40.12 55	eP	P	02 30 11.2 +0.7
ZARC	Zaragoza-Cauc	40.12 355	eP	P	02 30 11.4 +0.5
NBRF	Rio Formoso - V	41.17 63	eP	P	02 30 19.1 -0.7
SMLC	San Martn de	41.36 356	eP	P	02 30 20.4 -0.8
SDV	Santo Domingo	41.37 1	P	P	02 30 21.2 -0.3
	comp=Z,14nm,0.9s,baz=191,slow=5.2,SNR=14				
SDV					02 48 48.6
SDV	Santo Domingo	41.37 1	P	P	02 30 21.3 -0.3
SDV	Santo Domingo	41.37 1	P	P	02 30 22.0 +0.5
SDV	Santo Domingo	41.37 1	IAMS_20	IAMS_20	02 48 26.6
	comp=Z,2um,21.0s				
SDV	Santo Domingo	41.37 1	eP	P	02 30 21.7 +0.2
NBMO	Morriinhos-CE	41.44 52	eP	P	02 30 21.3 -0.7
MDP	Montagnes des	41.61 29	eP	P	02 30 23.6 +0.3
	comp=Z,4.9nm,0.9s,baz=191,slow=3.9,SNR=18				
NBPA	Parau - RN	41.70 57	eP	P	02 30 24.7 +0.7
NBCL	Casavel-CE	41.95 55	eP	P	02 30 27.2 +1.1
ARGC	Arguano, Magd	42.42 356	eP	P	02 30 32.1 +2.3
CODC	Agustin Codaz	42.45 357	eP	P	02 30 28.9 -1.2
RCBR	Riachuelo	42.51 59	P	P	02 30 31.5 +0.7
	comp=Z,185nm,1.1s,baz=185,slow=3.7,SNR=8.5				
RCBR	Riachuelo	42.51 59	P	P	02 30 31.8 +1.1
RCBR			pmax	pmax	
RCBR			MLR	MLR	
RCBR	Riachuelo	42.51 59	P	P	02 30 31.8 +1.1
RCBR	Riachuelo	42.51 59	IAMB	IAMB	02 30 32.8
	comp=Z,111nm,1.4s				
RCBR	Riachuelo	42.51 59	eP	P	02 30 32.0 +1.3
SJCC	San Jacinto, C	42.52 354	eP	P	02 30 31.6 +0.8
NBPV	Pedro Velho	42.55 60	eP	P	02 30 32.0 +0.9
JTS	Las Juntas de	44.68 341	P	P	02 30 49.7 +1.6
	comp=Z,10nm,1.0s,baz=148,slow=2.9,SNR=6.4				
JTS	Las Juntas de	44.68 341	P	P	02 30 50.1 +2.0
JTS			pmax	pmax	
JTS	Las Juntas de	44.68 341	P	P	02 30 50.1 +2.0
SVB	Belmont	46.74 14	IAMS_20	IAMS_20	02 52 48.7
FDL	Fort de France	48.18 13	IAMS_20	IAMS_20	02 53 20.0
	comp=Z,2um,22.0s				
VNA3	Neumayer Olymp	50.35 158	P	P	02 31 32.4 +0.9
SKI	Saint Kitts	50.45 11	IAMS_20	IAMS_20	02 55 04.8
MLPR	Maquyes Islan	50.56 5	P	P	02 31 33.7 +0.1
SEUS	St. Eustatius	50.56 10	IAMS_20	IAMS_20	02 54 11.9
CRPR	Cabo Rojo, PR	50.60 5	P	P	02 31 33.3 -0.5
VNAT1	Neumayer-Stat	50.65 157	P	P	02 31 35.1 +1.4
SABA	Saba	50.65 10	IAMS_20	IAMS_20	02 53 50.1
PDRP	Patillas Dam,	50.70 7	IAMB	IAMB	02 32 02.8
SJG	San Juan	50.78 6	P	P	02 31 35.0 -0.3
SJG			pmax	pmax	
SJG			MLR	MLR	
SJG	San Juan	50.78 6	P	P	02 31 35.0 -0.3
SJG			IAMB	IAMB	02 31 56.6
	comp=Z,84nm,1.3s				
SJG	San Juan	50.78 6	IAMS_20	IAMS_20	02 56 42.4
APG	El Apazote	50.84 336	P	P	02 31 37.3 +1.3
	comp=Z,16nm,1.1s,baz=186,slow=3.7,SNR=9.0				
APG			LR	LR	02 48 54.4
VNA2	Neumayer-Watz	50.99 158	P	P	02 31 37.7 +1.3
SDDR	Pres de Saban	51.40 0	IAMS_20	IAMS_20	02 55 19.3
	comp=Z,1um,19.0s				
SNAAS	Sanae	52.57 158	P	P	02 31 48.8 +0.6
SNAAS	Sanae	52.57 158	P	P	02 31 48.9 +0.7
	comp=Z,87nm,0.9s,baz=282,slow=5.8,SNR=133				
SNAAS	Sanae	52.57 158	P	P	02 31 48.5 +0.3
SNAAS			pmax	pmax	
SNAAS	Sanae	52.57 158	P	P	02 31 48.5 +0.3
SNAAS			IAMS_20	IAMS_20	02 52 23.2
	comp=Z,3um,21.0s				
CCIG	Comitan	52.61 335	IAMB	IAMB	02 32 29.3
	comp=Z,44nm,1.3s				
CCIG			IAMS_20	IAMS_20	02 49 11.1
TEIG	Tepeich	55.06 341	P	P	02 32 06.8 -0.0
	comp=Z,19nm,0.4s,baz=350,slow=0.9,SNR=29				
TEIG			LR	LR	02 51 45.0
TEIG	Tepeich	55.06 341	P	P	02 32 07.5 +0.7
NVL	Niazarevskaya	57.29 157	eP	S	02 32 21.0 -1.2
NVL			eSS	SSS	02 44 00.6 -3.5
NVL			eSSS	SSS	02 46 25.9
NVL			pmax	pmax	
QSPA	South Qui	57.52 180	P	P	02 32 25.0 +0.9
ZAIG	Zacatecas	62.69 327	IAMS_20	IAMS_20	02 54 46.9
	comp=Z,2um,21.0s				
TIGA	Tifton	64.84 348	P	P	02 33 14.1 +0.4
255A	Hazlehurst	65.14 350	P	P	02 33 15.7 0.0
VNDA	Vanda	65.47 191	P	P	02 33 18.1 +0.8
	comp=Z,9.6nm,1.1s,baz=131,slow=4.4,SNR=21				
VNDA			LR	LR	02 56 33.8
VNDA			LR	LR	02 56 33.8
VNDA			LR	LR	02 56 33.8
VNDA			LR	LR	02 56 33.8
	comp=Z,376nm,21.7s,baz=130,slow=31				
VNDA			PKPPPK	P'P'df	03 01 57.6 -5.1
	comp=Z,1.9nm,1.0s,baz=286,slow=3.9,SNR=6.6				
VNDA			IAMB	IAMB	02 33 29.8
154A	Montrose	65.91 349	P	P	02 33 20.4 -0.3
NHSC	New Hope	65.99 352	P	P	02 33 22.3 +1.2

NHSC	New Hope	65.99 352	P	P	02 33 21.4 +0.3
Z57A	Bowman	66.24 351	P	P	02 33 23.6 +0.8
833A	Charral WMA,	66.28 333	P	P	02 33 25.3 +2.2
Z56A	Williston	66.36 351	P	P	02 33 24.6 +1.1
Z56A	Williston	66.36 351	IAMS_20	IAMS_20	03 04 55.4
344A	Westbrook Farms	66.39 342	pP	pP	02 33 35.8 +0.2
344A			IAMB	IAMB	02 33 52.2
HKT	Hockley	66.49 337	P	P	02 33 25.5 +1.2
HKT			pmax	pmax	
HKT			MLR	MLR	
HKT	Hockley	66.49 337	P	P	02 33 25.5 +1.2
HKT			IAMB	IAMB	02 34 18.2
	comp=Z,66nm,1.7s				
GOGA	Godfrey	66.75 349	P	P	02 33 26.4 +0.4
GOGA	Godfrey	66.75 349	IAMB	IAMB	02 33 38.9
	comp=Z,39nm,1.1s				
SYO	Syowa Base	66.86 159f	eP	P	02 33 24.7 -1.7
SYO	Syowa Base	66.86 159f	eP	P	02 33 33.6 -4.7
SYO	Syowa Base	66.86 159f	eP	P	02 33 38.6 -4.4
SYO	Syowa Base	66.86 159f	eP	P	02 33 28.0 +0.9
Y55A	Saluda	67.03 351	P	P	02 33 28.3 +0.6
Z50A	Ashland	67.03 347	P	P	02 33 28.3 +0.5
Z50A	Ashland	67.03 347	IAMB	IAMB	02 33 40.8
	comp=Z,37nm,1.1s				
LRAL	Lakeview Retre	67.03 346	P	P	02 33 28.4 +0.6
LRAL	Lakeview Retre	67.03 346	IAMB	IAMB	02 33 40.9
	comp=Z,51nm,1.6s				
VBMS	Vicksburg	67.06 342	P	P	02 33 29.7 +1.8
X60A	Albert Glenn T	67.22 354	P	P	02 33 30.4 +1.4
Y52A	Liburn	67.29 349	P	P	02 33 30.1 +0.7
X58A	Round	67.33 353	P	P	02 33 30.9 +1.3
HODGE	Hodges	67.37 350	IAMB	IAMB	02 33 41.5 -0.3
HODGE			IAMB	IAMB	02 33 43.1
TAOE	Nuku Hiva Isla	67.41 274	eS	S	02 42 27.2 +3.0
TAOE	Nuku Hiva Isla	67.41 274	eLR	LR	02 53 51.6
	comp=Z,2um,23.0s,baz=133				
Z47A	Carlton	67.42 345	IAMB	IAMB	02 34 14.6
X56A	White Oak	67.46 351	P	P	02 33 31.3 +0.8
X55A	Gracelyn & Ava	67.52 351	P	P	02 33 31.6 +0.7
BIRD	Birdtown, Kers	67.54 352	IAMB	IAMB	02 33 44.2
LPIG	La Paz	67.61 322	LR	LR	02 58 08.5
HPIG	HPIG	67.69 327	IAMB	IAMB	02 34 09.5
HPIG			IAMS_20	IAMS_20	02 57 36.3
X54A	Belton	67.70 350	P	P	02 33 32.8 +0.8
Y49A	Blount Mountai	67.71 347	P	P	02 33 32.0 -0.1
Y49A			IAMB	IAMB	02 33 45.1
	comp=Z,38nm,1.3s				
NATX	Reafor	67.78 353	P	P	02 33 34.4 +1.0
NATX	Nacogdoches	67.79 339	P	P	02 33 34.3 +1.7
X53A	Estanollies	67.79 349	P	P	02 33 33.3 +0.7
PAULI	Pauline	67.89 351	P	P	02 33 33.2 0.0
PAULI			IAMB	IAMB	02 33 46.5
W57A	Gilead	67.99 352	P	P	02 33 34.8 +1.0
W57A	Gilead	67.99 352	IAMB	IAMB	02 33 47.0
X51A	Galton	68.11 348	P	P	02 33 35.6 +1.0
KM5C	Kings Mountain	68.14 351	P	P	02 33 35.7 +0.9
KM5C	Kings Mountain	68.14 351	IAMB	IAMB	02 33 48.0
TBI	Tubuai	68.15 256	eS	S	02 42 35.7 +3.0
TBI	Tubuai	68.15 256	eLR	LR	02 54 09.0
TBI	Tubuai	68.15 256	eT	T	03 47 21.4
W54A	Cherokee Point	68.20 350	P	P	02 33 36.1 +1.0
BG3	Lake Jocassee	68.22 350	IAMB	IAMB	02 33 48.7
FPAL	Fort Paine	68.22 347	IAMB	IAMB	02 33 48.4
V60A	Jim Taylor Roa	68.34 355	P	P	02 33 37.1 +1.1
V60A	Jim Taylor Roa	68.34 355	IAMB	IAMB	02 33 48.3 +0.3

Q55A	Buckhannon	71.80	353	P	P	02 33 58.5	+1.2
WMOK	Wichita Mounta	71.86	337	P	P	02 33 58.4	+0.7
Q54A	Coxs Mills	71.87	352	P	P	02 33 57.8	+0.3
Q54A	Coxs Mills	71.87	352	IAMS_20	IAMS_20	03 04 09.5	
FNO	Franklin	71.88	338	P	P	02 33 58.3	+0.5
WCI	Wyandotte Cave	71.93	348	P	P	02 33 57.9	0.0
WCI	Wyandotte Cave	71.93	348	P	P	02 33 57.9	0.0
WCI	Wyandotte Cave	71.93	348	IAMB	IAMB	02 34 09.6	
USIN	University of	71.93	347	P	pP	02 33 57.8	-0.1
SDMD	Soldier's Delit	71.94	356	pP	pP	02 34 10.4	+0.4
HSIG	Soldier's Delit	71.96	324	IAMS_20	IAMS_20	03 02 12.2	
TUL1	Leonard	71.99	339	P	P	02 33 59.2	+0.8
TUL1	Leonard	71.99	339	IAMB	IAMB	02 34 09.9	
S44A	Carbondale	72.00	345	IAMB	IAMB	02 34 11.5	
SIUC	Southern Illin	72.01	345	pP	IAMB	02 34 09.4	-1.1
SIUC	Southern Illin	72.01	345	IAMB	IAMB	02 34 11.6	
Q52A	Bidwell	72.02	351	P	P	02 33 59.0	+0.5
P58A	Pank, Walters	72.05	355	P	P	02 34 00.3	+1.7
U38A	Gravette	72.08	341	IAMB	IAMB	02 34 12.1	
P57A	Homestead Farm	72.09	355	P	P	02 34 00.7	+1.8
P57A	Homestead Farm	72.09	355	IAMB	IAMB	02 34 13.3	
P59A	Jarrettsville	72.11	356	P	P	02 34 00.9	+1.9
Q50A	Georgetown	72.15	350	P	P	02 33 59.4	+0.2
Q56A	Dayton Farm, R	72.19	354	P	P	02 34 00.9	+1.5
Q51A	Peebles	72.23	350	P	P	02 34 00.3	+0.5
Q51A	Peebles	72.23	350	IAMB	IAMB	02 34 12.9	
P60A	Greenville	72.27	357	P	P	02 34 01.4	+1.5
P60A	Greenville	72.27	357	pP	IAMB	02 34 12.3	+0.4
P60A	Greenville	72.27	357	IAMB	IAMB	02 34 14.7	
P55A	Reedsville	72.28	353	P	P	02 34 00.3	+0.3
MCWV	Mont Chateau	72.43	353	P	P	02 34 02.2	+1.3
P53A	Whipple	72.43	352	P	P	02 34 01.5	+0.5
P53A	Whipple	72.43	352	IAMB	IAMB	02 34 14.1	
P54A	Burton	72.44	353	P	P	02 34 01.8	+0.8
Q49A	Aurora	72.45	349	P	P	02 34 01.3	+0.2
MVL	Millersville	72.49	356	IAMB	IAMB	02 34 15.6	
Q48A	North Vernon	72.51	348	P	P	02 34 01.7	+0.3
FVM	French Village	72.54	344	IAMB	IAMB	02 34 14.9	
MSTX	Muleshoe	72.60	333	P	P	02 34 03.3	+1.1
MSTX	Muleshoe	72.60	333	IAMB	IAMB	02 34 14.1	
P51A	Williamsport	72.64	351	P	P	02 34 02.8	+0.7
P51A	Williamsport	72.64	351	IAMB	IAMB	02 34 15.1	
P51A	Williamsport	72.64	351	IAMS_20	IAMS_20	03 03 51.8	
O58A	Lewisberry	72.65	356	P	P	02 34 03.8	+1.6
P52A	Corning	72.67	351	P	P	02 34 02.7	+0.4
PAGS	Pennsylvania G	72.74	356	IAMB	IAMB	03 06 00.8	
PAGS	Pennsylvania G	72.74	356	IAMS_20	IAMS_20	03 06 00.8	
O60A	Telford	72.76	357	P	P	02 34 04.6	+1.8
OLIL	Olney	72.76	346	IAMB	IAMB	02 34 15.5	
O57A	Amberson	72.79	355	P	P	02 34 04.4	+1.4
O59A	Robesonia	72.79	356	P	P	02 34 04.8	+1.7
CCM	Cathedral Cave	72.80	344	pmax	pmax	02 34 04.1	+1.0
CCM	Cathedral Cave	72.80	344	P	P	02 34 04.1	+1.0
CCM	Cathedral Cave	72.80	344	IAMB	IAMB	02 34 04.1	+1.0
BLO	Bloomington	72.80	344	IAMB	IAMB	02 34 47.3	
O56A	Blue Knob Stat	72.82	354	P	P	02 34 05.1	+1.2
O55A	Ligonier	72.92	354	P	P	02 34 04.7	+0.9
P49A	Miami Univ. Ec	72.94	349	P	P	02 34 03.9	0.0
P48A	Milroy	72.98	349	P	P	02 34 04.0	-0.2
P48A	Milroy	72.98	349	IAMS_20	IAMS_20	03 06 56.6	
AMTX	Amarillo	73.01	334	P	P	02 34 05.9	+1.4
AMTX	Amarillo	73.01	334	P	P	02 34 04.5	-0.1
O52A	Adamsville	73.11	352	P	P	02 34 05.4	+0.5
O52A	Adamsville	73.11	352	IAMB	IAMB	02 34 17.9	
Q44A	Meyer Farm, Va	73.11	346	P	P	02 34 05.0	+0.1
Q44A	Meyer Farm, Va	73.11	346	IAMB	IAMB	02 34 17.5	
SLM	Saint Louis	73.12	345	IAMB	IAMB	02 34 18.2	
319A	Douglas	73.12	327	IAMB	IAMB	02 34 24.2	
319A	Douglas	73.12	327	IAMS_20	IAMS_20	03 01 11.0	
T35A	Sooner Cattle	73.14	339	IAMB	IAMB	02 34 19.4	
SSPA	Standing Stone	73.23	355	P	P	02 34 06.6	+1.0
SSPA	Standing Stone	73.23	355	P	P	02 34 06.8	+1.2
O51A	Pataksala	73.23	351	P	P	02 34 06.1	+0.4
N60A	Cedar Hill Far	73.30	357	P	P	02 34 07.5	+1.5
N57A	Milroy	73.32	355	P	P	02 34 07.3	+1.1
N58A	Sunbury	73.35	356	P	P	02 34 07.2	+0.9
N58A	Sunbury	73.35	356	pP	IAMB	02 34 18.1	-0.3
N58A	Sunbury	73.35	356	IAMB	IAMB	02 34 20.5	
N58A	Sunbury	73.35	356	IAMS_20	IAMS_20	03 06 06.9	
ACSO	Alum Creek Sta	73.37	351	P	P	02 34 06.9	+0.5
ACSO	Alum Creek Sta	73.37	351	P	P	02 34 06.4	-0.1
O50A	Cable	73.37	350	P	P	02 34 06.8	+0.2
N59A	State Game Lan	73.38	357	P	P	02 34 08.3	+1.8
121A	Cookes Peak, D	73.42	328	P	P	02 34 09.4	+2.2
121A	Cookes Peak, D	73.42	328	IAMB	IAMB	02 34 39.5	
121A	Cookes Peak, D	73.42	328	IAMS_20	IAMS_20	03 01 46.4	
U32A	Winter Ranch	73.43	337	IAMB	IAMB	02 34 20.7	
N55A	Marion Center	73.46	354	P	P	02 34 08.2	+1.1

ODNJ	Ogdensburg	73.49	357	IAMS_20	IAMS_20	03 08 14.6	
O49A	Covington	73.52	350	P	P	02 34 07.7	+0.4
O49A	Covington	73.52	350	IAMB	IAMB	02 34 20.2	
O49A	Covington	73.52	350	IAMS_20	IAMS_20	03 06 04.9	
N56A	West Decatur	73.54	355	P	P	02 34 08.5	+1.0
N53A	Lisbon	73.67	353	P	P	02 34 08.7	+0.5
N53A	Lisbon	73.67	353	IAMB	IAMB	02 34 21.6	
O48A	Farmland	73.71	349	P	P	02 34 08.4	-0.1
M60A	Port Jervis	73.73	357	P	P	02 34 10.0	+1.4
N54A	Moraine State	73.74	353	P	P	02 34 09.6	+1.0
N54A	Moraine State	73.74	353	IAMB	IAMB	02 34 22.1	
M62A	Hamden	73.80	359	P	P	02 34 11.1	+2.2
LIC	Lamto	73.85	71	ePKP1	P	02 34 10.4	+0.5
M58A	Price's Panora	73.87	356	P	P	02 34 10.7	+1.3
M57A	Sunshine Farm,	73.87	356	P	P	02 34 10.7	+1.3
M57A	Sunshine Farm,	73.87	356	IAMB	IAMB	02 34 09.8	+0.4
N50A	Nevada	73.92	351	P	P	02 34 10.2	+0.5
P43A	Skaggs, Pawnee	73.93	346	IAMB	IAMB	02 34 22.6	
N51A	Ashland	73.96	351	P	P	02 34 10.1	+0.2
M59A	Waymart	73.98	357	P	P	02 34 11.5	+1.4
M56A	Emporium	74.09	355	P	P	02 34 11.6	+0.8
M56A	Emporium	74.09	355	P	P	02 34 11.2	+0.4
TIC	Toumudi	74.11	71	ePKP1	P	02 34 11.3	-0.2
M55A	Ridgway	74.13	354	P	P	02 34 11.7	+0.8
M55A	Ridgway	74.13	354	IAMB	IAMB	02 34 24.4	
KIC	Kosan Boka	74.16	72	ePKP1	P	02 34 10.8	-1.0
SFIN	Lafayette	74.16	348	IAMS_20	IAMS_20	03 08 50.9	
N49A	Columbus Grove	74.22	350	P	P	02 34 11.7	+0.3
N49A	Columbus Grove	74.22	350	IAMS_20	IAMS_20	03 04 28.4	
M54A	Oil Creek Stat	74.25	354	P	P	02 34 12.3	+0.6
DBIC	Dimboko	74.25	71	P	LR	02 34 13.0	+0.7
DBIC	Dimboko	74.25	71	IAMB	IAMB	03 04 45.1	
DBIC	Dimboko	74.25	71	IAMB	IAMB	02 34 24.2	
MAW	Mawson	74.26	163	P	P	02 34 12.2	+0.7
MAW	Mawson	74.26	163	LR	LR	03 06 21.8	
MAW	Mawson	74.26	163	P	P	02 34 11.4	0.0
MAW	Mawson	74.26	163	pmax	pmax		
MAW	Mawson	74.26	163	P	P	02 34 11.4	0.0
BRYW	Bryant College	74.26	360	IAMS_20	IAMS_20	03 06 51.7	
M53A	WI Miller and	74.28	353	P	P	02 34 12.3	+0.5
N48A	Shokan	74.28	349	P	P	02 34 12.1	+0.3
L60A	Shokan	74.38	358	P	P	02 34 14.0	+1.6
N47A	Urbana	74.41	349	P	P	02 34 12.5	-0.1
N47A	Urbana	74.41	349	IAMB	IAMB	02 34 11.4	-1.1
N47A	Urbana	74.41	349	IAMB	IAMB	02 34 24.9	
L58A	Henry Jones Me	74.50	357	P	P	02 34 14.3	+1.3
L57A	Andrews Acres	74.52	356	P	P	02 34 14.3	+1.1
M50A	Fremont	74.53	351	IAMS_20	IAMS_20	03 05 21.7	
TUC	Tucson	74.60	326	P	pmax	02 34 15.6	+1.7
TUC	Tucson	74.60	326	P	P	02 34 15.6	+1.7
TUC	Tucson	74.60	326	IAMS_20	IAMS_20	03 01 59.1	
L59A	Walton	74.61	357	P	P	02 34 15.4	+1.6
L59A	Walton	74.61	357	IAMB	IAMB	02 34 14.5	+0.8
QUAZ	Gettysburg	74.63	359	IAMS_20	IAMS_20	03 06 39.9	
BINY	Binghamton	74.67	356	P	P	02 34 15.2	+1.2
L56A	Greenwood	74.70	355	P	P	02 34 15.4	+1.2
L56A	Greenwood	74.70	355	IAMB	IAMB	02 34 16.3	
L56A	Greenwood	74.70	355	IAMS_20	IAMS_20	03 07 13.5	
M49A	Liberty Center	74.73	350	P	P	02 34 14.7	+0.3
L53A	Girard	74.75	353	P	P	02 34 15.1	+0.6
HDIL	Hopedale	74.76	346	P	P	02 34 14.8	+0.2
HDIL	Hopedale	74.76	346	IAMB	IAMB	02 34 26.0	
L61B	Northampton	74.81	359	P	P	02 34 16.3	+1.5
L55A	Hinsdale	74.81	355	P	P	02 34 16.1	+1.2
P38A	Dawn	74.84	342	IAMB	IAMB	02 34 28.2	
M48A	Edgerton	74.85	350	P	P	02 34 15.2	+0.2
M48A	Edgerton	74.85	350	IAMB	IAMB	02 34 15.9	
HRV	Adam Dzewonski	74.85	360	P	P	02 34 17.0	+1.9
ANMO	Albuquerque	74.92	331	P	pmax	02 34 17.7	+1.8
ANMO	Albuquerque	74.92	331	pmax	pmax		
ANMO	Albuquerque	74.92	331	P	P	02 34 17.7	+1.8
ANMO	Albuquerque	74.92	331	IAMS_20	IAMS_20	03 02 40.5	
L54A	Sinclairville	74.94	354	P	P	02 34 16.6	+1.0
SUR	Sutherland	74.97	119	P	P	02 34 18.5	+1.9
SUR	Sutherland	74.97	119	IAMB	IAMB	02 34 19.7	
WVNY	West Valley, N	75.05	354	P	P	02 34 17.4	+1.2
TRY	Troy	75.11	358	IAMB	IAMB	02 34 19.2	
TRY	Troy	75.11	358	IAMS_20	IAMS_20	03 08 25.3	
K59A	Cooperstown	75.19	357	P	P	02 34 18.3	+1.3
KSUI	Kansas State U	75.19	340	P	P	02 34 17.7	+0.6
R32A	Long Quarter,	75.20	338	IAMB	IAMB	02 34 31.0	
K58A	Earlville	75.21	357	P	P	02 34 18.3	+1.2
K58A	Earlville	75.21	357	IAMB	IAMB	02 34 19.1	
N41A	Harden						

ASAJ	comp=Z,5.2nm,0.3s,baz=171,slow=33,SNR=0.8	S	S	03 21 32.4 +0.9	
ASAJ	Asahikawa	4.53 233	Pn	03 20 35.1 +2.0	
ASAJ	Ashorobuto	4.57 218	Pn	03 21 34.5 +3.0	
JK2	Kamakawa 2	4.62 229	Pn	03 20 34.9 +0.8	
HRK	Horoka	4.72 224	eP	03 20 36.7 +1.4	
JSS	Shosha	4.78 239	Pn	03 20 38.9 +3.0	
JOB	Onbets	4.87 215	eP	03 20 36.5 -0.4	
JOB	Tymovskoe	5.07 322	eP	03 21 34.8 -3.7	
TYV	comp=Z,100nm,0.6s	AMB	AMB	03 20 44.7 +5.7	
TYV	comp=Z,20nm,0.9s	A	A	03 21 49.0	
TYV	comp=Z,24nm,0.9s	A	A	03 21 49.0	
TYV	comp=Z,1µm,5.0s	A	A	03 21 56.0	
TYV	comp=Z,1µm,5.0s	A	A	03 21 56.0	
TYV	comp=Z,100nm,2.0s	pmx	pmx	03 20 44.4 +5.4	
TYV	comp=Z,120nm,1.1s	pmx	pmx		
JAB	Ashibetsu	5.14 229	Pn	03 20 42.2 +2.1	
JFR	Furan	5.21 225	Pn	03 20 41.9 +1.1	
JJR	Hokuryu	5.25 234	Pn	03 20 43.9 +2.0	
JCH	Churui	5.30 216	Pn	03 20 40.6 -1.3	
JCH	Moyori	5.61 215	eS	03 21 41.5 -6.0	
MYR	Moyori	5.61 215	eS	03 20 43.6 -1.8	
JB2	Biratori 2	5.61 223	Pn	03 20 45.7 +0.3	
JB2	Urakawa-nobuka	5.83 218	Pn	03 21 50.3 -3.7	
JNB	Erimo	5.89 214	Pn	03 20 48.1 -0.6	
JEM	Erimo	5.89 214	eP	03 20 48.5 -0.2	
ERM	Erimo	5.89 214	ePN	03 20 48.3 -0.4	
ERM	Erimo	5.89 214	eP	03 20 51.1 +0.9	
JEW	Eniwo	6.01 229	Pn	03 22 00.2 -2.5	
JNB	Noboribetsu	6.49 228	Pn	03 20 55.9 0.0	
JNB	Severo-Kuril's	6.73 53	eP	03 20 59.2 +0.6	
SKR	comp=Z,380nm,2.0s	AMB	AMB	03 20 59.8	
SKR	comp=Z,330nm,0.4s	AMB	AMB	03 21 00.0	
SKR	comp=Z,470nm,2.0s	A	A	03 22 14.5 -3.5	
SKR	comp=Z,800nm,2.0s	A	A	03 22 16.3	
SKR	comp=Z,143nm,0.4s	A	A	03 22 26.0	
SKR	comp=Z,155nm,0.4s	A	A	03 22 26.0	
SKR	Severo-Kuril's	6.73 53	ePN	03 20 59.7 +1.1	
SKR	comp=Z,331nm,0.7s	pmx	pmx	03 22 17.0 -1.0	
SKR	comp=E,155nm,0.4s	smx	smx		
SKR	comp=N,143nm,0.4s	smx	smx		
SKR	comp=Z,200nm,19.0s	MLR	MLR		
JSH	Shimam	6.90 234	Pn	03 21 01.9 +1.1	
JSH	Kayabe	6.93 225	Pn	03 22 17.6 -4.4	
JKB	Kayabe	6.93 225	eS	03 20 59.5 -1.6	
JYM2	Yakumo 2	7.09 229	Pn	03 21 02.9 -0.1	
JHST	Hiyamasetana	7.14 233	Pn	03 21 04.7 +1.1	
OKH	Okha	7.23 337	Pn	03 21 05.9 +1.4	
JSR	Shiruiuchi	7.50 226	Pn	03 21 06.8 -1.2	
JSR	Pauzhetka	7.52 50	eP	03 22 29.1 -6.1	
JOSM	Okushiri-Mats	7.59 233	Pn	03 21 08.4 +0.4	
JTM	Terribayashi	7.78 220	Pn	03 21 08.8 -0.3	
JTM	Terribayashi	7.78 220	eS	03 21 08.7 -2.0	
TEY	Ternei	7.90 260	eP	03 21 14.5 +1.7	
TEY	comp=Z,50nm,0.7s	AMB	AMB	03 21 15.4	
TEY	comp=Z,220nm,0.7s	AMB	AMB	03 21 15.4	
TEY	comp=Z,240nm,0.7s	AMB	AMB	03 21 15.4	
TEY	comp=Z,240nm,0.7s	pmx	pmx	03 21 14.5 +1.7	
TEY	comp=E,220nm,0.8s	pmx	pmx		
TEY	comp=N,50nm,0.7s	pmx	pmx		
JANG	Nango	7.94 216	Pn	03 21 10.4 -2.9	
JKEN	Kujedanarisaw	8.00 214	Pn	03 21 11.5 -2.6	
JTH	Tanohata	8.18 213	Pn	03 21 13.1 -3.2	
JTH	Gornyy	8.29 301	eS	03 22 40.1 -1.0	
GRNR	Gornyy	8.29 301	eP	03 21 18.2 +0.8	
GRNR	comp=N,20nm,1.0s	AMB	AMB	03 21 18.8	
GRNR	comp=N,30nm,1.0s	AMB	AMB	03 21 18.8	
GRNR	comp=N,50nm,1.0s	AMB	AMB	03 21 18.8	
GRNR	comp=Z,50nm,0.9s	pmx	pmx	03 21 18.2 +0.8	
GRNR	comp=Z,50nm,0.9s	smx	smx	03 22 51.6 -1.0	
GRNR	comp=N,10.0nm,0.9s	MLR	MLR		
JAH	Hinal	8.46 219	Pn	03 21 18.0 -1.7	
PEAOB	Petrovlovsk	8.93 431	ePN	03 21 24.2 -1.0	
PEAOB	Petrovlovsk	8.93 43	Pn	03 21 26.6 +1.4	
PETK	Petrovlovsk	8.93 43	Pn	03 21 25.2 0.0	
PETK	comp=Z,1.4nm,0.3s,baz=210,slow=9.6,SNR=1.7	8.93 43	Pn	03 21 25.5 +0.3	
PETK	Petrovlovsk	9.01 211	Pn	03 21 24.8 -1.6	
OFJU	Ofunato	9.12 216	Pn	03 21 26.3 -1.5	
JRG	Rokugo	9.28 212	eS	03 23 05.4 -6.2	
JMK	Ichinoseki	9.28 212	eS	03 21 28.6 -1.1	
PET	Petrovlovsk	9.34 46	eP	03 21 30.5 +0.4	
PET	comp=Z,13nm,0.9s	AMB	AMB	03 21 31.8	
PET	comp=Z,80nm,0.5s	A	A	03 23 11.7 -4.3	
PET	comp=Z,60nm,0.5s	A	A	03 23 14.0	
PET	Petrovlovsk	9.34 46	ePN	03 21 29.0 -1.1	
PET	comp=Z,24nm,0.8s	MLR	MLR	03 23 10.2 -5.8	
PET	comp=Z,100nm,1.0s	MLR	MLR		
PET	Petrovlovsk	9.34 46	Pn	03 21 30.0 -0.2	
JIO	Ouri	9.68 211	Pn	03 21 32.4 -2.1	
JYA	Atsumi	10.18 217	Pn	03 21 41.2 +0.5	
JFK	Kawauchi	10.82 210	Pn	03 21 47.8 -0.7	
KLR	Kul'dur	10.84 288	Pn	03 21 49.4 +0.8	
KLR	comp=Z,2.3nm,0.3s,baz=87,slow=11,SNR=50	ScP	ScP	03 30 20.9 +0.5	
EKMR	Ekimchan	11.21 308	eP	03 21 54.2 -0.6	
EKMR	comp=Z,86nm,0.8s	AMB	AMB	03 21 58.6	
USA0B	Ussuriysk Arra	11.29 261	PN	Pn	03 21 55.4 -0.4
USA0B	Ussuriysk Arra	11.29 261	P	P	03 21 55.4 -0.4
USRK	Ussuriysk Ar.	11.29 261	P	P	03 21 55.2 +1.2
USRK	comp=Z,86,slow=11,SNR=7.2	11.29 261	Pn	Pn	03 21 54.7 +0.6
VLK	Ussuriysk Ar.	11.27 257	eP	Pn	03 22 00.6 +0.8
VLA	Vladivostok	11.77 257	ePN	Pn	03 22 00.6 +0.8
MSHR	Mys Shultsa	12.48 255	eCPN	Pn	03 22 08.1 -0.3
MJB9	Matsu-Tunnel	12.55 217	Pn	Pn	03 22 10.2 +0.8
MAJO	Matsushiro	12.55 217	eP	Pn	03 22 10.4 +0.5
MAJO	Matsushiro	12.55 217	d/PN	Pn	03 22 10.4 +0.5
MAJO	Matsushiro	12.55 217	Pn	Pn	03 22 09.7 +0.3
MAT	Matsushiro	12.55 217	P	Pn	03 22 10.0 +0.6
MAT	comp=Z,2.0nm,0.3s,baz=18,slow=2.1,SNR=4.3	11.21 308	eP	S	03 24 26.9 -1.8

MJAR	Matsushiro Arr	12.55 217	P	P	03 22 10.7 +0.8
MJAR	Matsushiro Arr	12.55 217	P	Pn	03 22 10.3 +0.9
MA2	Magadan	12.76 7	P	P	03 22 12.1 +0.3
MA2	Magadan	12.76 7	eP	Pn	03 22 10.6 -1.0
MA2	Magadan	12.76 7	ePN	Pn	03 22 10.6 -1.0
MA2	Magadan	12.76 7	eP	Pn	03 22 10.8 -0.7
MDJ	Mudanjiang	12.79 266	P	Pn	03 22 12.0 -0.1
MDJ	comp=Z,100nm,0.9s	pmx	pmx		
MDJ	comp=Z,150nm,4.1s	pmx	pmx		
MDJ	Mudanjiang	12.79 266	P	Pn	03 22 11.1 -1.0
INU	Inuyama	14.07 218	P	Pn	03 22 28.4 +0.9
BMKR	Bomnak	14.12 310	eP	Pn	03 22 27.0 0.0
BMKR	comp=Z,82nm,0.5s	AMB	AMB	03 22 30.8	
ZEA	Zeya	14.62 305	eP	Pn	03 22 35.2 +1.5
ZEA	comp=Z,52nm,0.9s	AMB	AMB	03 22 36.2	
ZEA	comp=Z,47nm,0.9s	AMB	AMB	03 22 36.2	
ZEA	comp=Z,72nm,0.9s	AMB	AMB	03 22 36.2	
ZEA	Zeya	14.62 305	eP	Pn	03 22 35.2 +1.5
ZEA	comp=E,47nm,1.0s	pmx	pmx	03 25 11.0 -0.8	
ZEA	comp=N,52nm,0.8s	pmx	pmx		
ZEA	comp=Z,72nm,0.8s	pmx	pmx		
ZEA	comp=N,400nm,8.0s	smx	smx		
KROS	Kirovskiy	15.01 307	eP	P	03 22 37.0 +0.2
KROS	comp=N,20nm,0.3s	AMB	AMB	03 22 40.5	
KROS	comp=N,37nm,0.3s	AMB	AMB	03 22 40.5	
KROS	comp=N,44nm,0.3s	AMB	AMB	03 22 40.5	
CN2	Changchun	15.87 267	eP	P	03 22 45.6 -0.7
CN2	comp=Z,200nm,4.4s	LR	LR		
CN2	comp=N,200nm,10.0s	LR	LR		
CN2	comp=E,200nm,10.0s	LR	LR		
CN2	comp=Z,300nm,10.0s	LR	LR		
SEY	Seymchan	16.22 8	P	P	03 22 50.9 +1.2
SEY	comp=Z,1.6nm,0.3s,baz=190,slow=10.0,SNR=53	16.22 8	eP	P	03 22 49.6 -0.2
SEY	Seymchan	16.22 8	eP	P	03 22 49.6 -0.2
KSRS	Korea Array	17.37 244	P	P	03 23 04.4 +1.9
KSRS	comp=Z,2.6nm,0.3s,baz=52,slow=10,SNR=37	17.37 244	P	P	03 23 04.6 +2.0
KS19	Wonju Array Si	17.37 244	P	P	03 23 03.2 +0.3
KSAR	Wonju Array Be	17.40 244	P	P	03 23 03.2 +0.3
KSAR	Wonju Array Be	17.40 244	P	P	03 23 12.9 +2.0
INCN	Inchon	18.15 246	pmx	pmx	
INCN	comp=Z,93nm,1.1s	18.15 246	P	P	03 23 12.9 +2.0
YAK	Yakutsk	18.22 332	P	P	03 23 11.0 -0.3
YAK	comp=Z,1.4nm,0.3s,baz=144,slow=1.3,SNR=3.0	18.22 332	P	P	03 23 11.7 +0.4
YAK	Yakutsk	18.22 332	eP	P	03 23 11.7 +0.4
YAK	Yakutsk	18.22 332	eS	P	03 23 22.7 -0.8
YAK	comp=Z,39nm,0.9s	pmx	pmx		
YAK	comp=N,18nm,1.2s	pmx	pmx		
YAK	comp=E,11nm,1.1s	smx	smx		
YAK	comp=N,204nm,1.7s	smx	smx		
YAK	comp=E,147nm,1.6s	smx	smx		
YAK	Yakutsk	18.22 332	IAMB	IAMB	03 23 13.3
TJN	Taejon	18.40 242	eP	P	03 23 14.3 +0.7
HIA	Hailar	18.70 287	eP	P	03 23 14.8 -1.9
HIA	Hailar	18.70 287	i/P	P	03 23 14.8 -1.9
NAT	Nakatsue	18.80 229	P	P	03 23 19.7 +1.8
BOD	Bodaibo	22.95 311	eP	P	03 23 54.8 -2.9
BOD	comp=Z,5.0nm,1.9s	22.95 311	pmx	pmx	
BILL	Biilbino	23.18 18	eP	P	03 23 58.2 -1.5
BILL	Biilbino	23.18 18	eP	P	03 23 58.2 -1.5
BILL	comp=Z,17nm,0.8s	23.18 18	P	P	03 23 57.6 -2.2
BILL	Biilbino	23.18 18	P	P	03 24 03.3
BILL	comp=Z,19nm,0.7s	23.18 18	P	P	03 24 06.2 +1.3
BJI	Beijing	23.71 264	P	pmx	03 24 06.2 +1.3
BJI	comp=Z,10.0nm,1.0s	23.71 264	pmx	pmx	
BJT	Baijiatuu	23.73 264	P	P	03 24 07.4 +2.4
BJT	comp=Z,56nm,1.1s	23.73 264	pmx	pmx	
BJT	Baijiatuu	23.73 264	P	P	03 24 07.4 +2.4
TIXI	Tiksi	26.28 347	P	P	03 24 26.4 -1.1
TIXI	comp=Z,4.4nm,0.4s,baz=145,slow=8.0,SNR=10	26.28 347	eP	P	03 24 25.7 -1.8
TIXI	Tiksi	26.28 347	eP	P	03 24 25.7 -1.8
TIXI	comp=Z,3.0nm,0.5s	26.28 347	pmx	pmx	
TIXI	Tiksi	26.28 347	P	P	03 24 25.3 -2.1
HHC	Hu-ho-hao-te	26.50 270	P	P	03 24 29.0 -1.0
HHC	comp=Z,5.0nm,0.8s	26.50 270	pmx	pmx	
NJ2	Nanjing	26.53 246	eP	P	03 24 31.6 +1.4
NJ2	comp=Z,100nm,6.3s	26.53 246	pmx	pmx	
ULN	Ulanbaatar	27.23 287	eP	P	03 24 36.5 0.0
ULN	Ulanbaatar	27.23 287	P	P	03 24 37.0 +0.6
ULN	comp=Z,12nm,1.1s	27.23 287	pmx	pmx	
ULN	Ulanbaatar	27.23 287	P	P	03 24 37.0 +0.6
ULN	Songino Array	27.67 287	P	P	03 24 37.0 +0.6
SONM	Songino Array	27.67 287	P	P	03 24 39.4 -0.9
SONM	comp=Z,3.8nm,0.8s,baz=70,slow=8.0,SNR=18	27.67 287	ScP	ScP	03 30 58.6 -0.1
SONM	comp=Z,1.7nm,0.8s,baz=126,slow=2.1,SNR=6.9	27.67 287	P	P	03 24 40.2 -0.1
SOMT	Songino Array	28.69 296	eP	P	03 24 50.1 +0.9
TLY	Talaya	28.69 296	eP	P	03 24 50.1 +0.9
TLY	comp=Z,8.0nm,0.8s	28.69 296	pmx	pmx	
ZAK	Zakamensk	29.13 293	eP	P	03 24 52.9 -0.2
ZAK	Zakamensk	29.13 293	eP	P	03 24 52.9 -0.2
ZAK	comp=Z,5.0nm,1.4s	29.13 293	pmx	pmx	
WHN	Wuhan	30.40 249	i/P	P	03 25 05.1 +0.8
WHN	comp=Z,50nm,0.5s	30.40 249	pmx	pmx	
ANM	Nome	30.81 38	IAMB	IAMB	03 25 09.4
XAN	Xi'an	31.79 260	P	P	03 25 16.3 -0.2
XAN	comp=Z,15nm,0.8s	31.79 260	pP	pP	03 26 16.4 +0.5
XAN	Xi'an	31.79 260	pmx	pmx	
XAN					

ARR	Arges	75.27	322	↑P	P	03 30 29.3	-0.1
IBBN	Ibbenburen	75.29	336	eP	P	03 30 28.7	-0.5
KRUC	Moravsky	75.39	329	eP	P	03 30 29.8	-0.1
E43A	Lone Tree Farm	75.55	36	IAMB	IAMB	03 30 31.0	
BR131	Keekin Array S	75.55	313	P	P	03 30 31.8	+0.6
BR131	comp-Z, 1.4nm, 1.0s, baz=29, slow=5.6						
BR131	Keekin Array S	75.55	313	P	P	03 30 31.8	+0.6
BRTR	Keekin Array B	75.55	313	P	P	03 30 30.2	-0.9
BRTR	Keekin Array B	75.55	313	ceP	P	03 30 31.3	+0.1
BRTR	comp-Z, 1.0nm, 0.8s						
BRTR	Keekin Array B	75.55	313	P	P	03 30 29.5	-1.7
CBKS	Cedar Bluff	75.59	48	P	P	03 30 31.1	-0.2
MOX	Moxa	75.61	333	eP	P	03 30 30.6	-0.5
MOX	comp-Z, 3.4nm, 0.6s, baz=29, slow=5.6						
GUNZ	Gunzen	75.63	332	eP	P	03 30 31.0	-0.3
E44A	Grand Marais A	75.67	33	P	P	03 30 32.2	+0.7
E44A	comp-Z, 4.7nm, 0.7s, baz=29, slow=5.6						
WERN	Wernitzgruen	75.68	332	eP	P	03 30 31.3	-0.2
WERN	comp-Z, 6.8nm, 0.7s, baz=29, slow=5.6						
319A	Douglas	75.84	59	IAMB	IAMB	03 30 35.3	
121A	Cookes Peak D	75.87	57	P	P	03 30 34.9	+1.8
121A	Cookes Peak, D	75.87	57	IAMB	IAMB	03 30 35.5	
MATQ	Matagora	75.99	28	P	P	03 30 33.0	-0.2
MATQ	comp-Z, 9.1nm, 0.8s						
GZR	Gura Zlata	76.02	323	↑P	P	03 30 32.4	-1.2
GZR	Gura Zlata	76.02	323	↑P	P	03 30 32.4	-1.2
DUG	Sault Ste. Mari	76.18	34	P	P	03 30 33.9	-0.5
DUG	comp-Z, 6.0nm, 0.8s						
B46	Bochum-Univer	76.20	336	eP	P	03 30 33.8	-0.5
B46	comp-Z, 7.4nm, 0.8s, baz=29, slow=5.6						
KHC	Kasperske Hory	76.29	331	eP	P	03 30 34.8	-0.2
KHC	Kasperske Hory	76.29	331	eP	P	03 30 34.5	-1.0
KHC	Kasperske Hory	76.29	331	eP	P	03 30 33.3	-1.7
KHC	comp-Z, 1.5nm, 0.8s						
KHC	Kasperske Hory	76.29	331	P	P	03 30 35.1	+0.1
BZS	Buzias	76.30	324	↑P	P	03 30 34.1	-1.0
BZS	Buzias	76.30	324	↑P	P	03 30 34.1	-1.0
SCIA	State Center	76.36	42	P	P	03 30 36.5	+1.0
D47A	Chapleau	76.39	33	P	P	03 30 35.1	-0.5
D47A	comp-Z, 9.2nm, 0.9s						
GE2C	GERES Array B	76.50	331	eP	P	03 30 35.8	-0.4
GE2C	comp-Z, 3.7nm, 0.6s, baz=29, slow=5.6						
GERES	GERES Array B	76.50	331	P	P	03 30 35.4	-0.8
GERES	comp-Z, 2.5nm, 0.6s, baz=35, slow=5.7, SNR=18						
GERES	GERES Array B	76.50	331	P	P	03 30 35.6	-0.6
GERES	GERES Array B	76.50	331	P	P	03 30 35.6	-0.6
E46A	Sault Ste Mari	76.51	34	IAMB	IAMB	03 30 36.7	
E46A	comp-Z, 1.3nm, 0.8s						
WET	Wetzell	76.51	331	eP	P	03 30 36.3	+0.1
WET	comp-Z, 6.0nm, 0.9s, baz=29, slow=5.6						
CONA	Conrad Observa	76.54	329	iP	P	03 30 36.7	+0.2
CONA	comp-Z, 2.3nm, 0.5s						
GRF	Grafenberg Arr	76.57	333	eP	P	03 30 36.5	0.0
GRF	comp-Z, 1.3nm, 0.6s, baz=29, slow=5.6						
F45A	CMU Biological	76.61	35	P	P	03 30 36.8	0.0
F45A	comp-Z, 2.3nm, 0.5s						
D48A	Paudash Townsh	76.77	32	P	P	03 30 37.0	-0.7
D48A	comp-Z, 2.3nm, 0.5s						
E47A	Iron Bridge	76.83	33	P	P	03 30 37.5	-0.5
E47A	comp-Z, 2.3nm, 0.5s						
D49A	Beulah Townshi	76.85	32	P	P	03 30 37.5	-0.6
D49A	comp-Z, 2.3nm, 0.5s						
JFWS	Jewell Farm	76.89	40	P	P	03 30 37.9	-0.5
JFWS	comp-Z, 2.3nm, 0.5s						
KU11	Kansas State U	76.94	46	P	P	03 30 38.5	-0.2
KU11	comp-Z, 2.3nm, 0.5s						
TNS	Tanus Mts	76.95	334	eP	P	03 30 38.3	-0.3
TNS	comp-Z, 3.9nm, 0.7s, baz=29, slow=5.6						
G45A	Suttons Bay	77.08	36	P	P	03 30 39.6	+0.2
G45A	comp-Z, 2.3nm, 0.5s						
MOA	Molin	77.16	330	iP	P	03 30 40.1	+0.3
MOA	comp-Z, 1.9nm, 0.6s						
G46A	Petoskey	77.17	35	P	P	03 30 40.1	+0.2
G46A	comp-Z, 2.3nm, 0.5s						
E48A	Lockeyer	77.22	33	P	P	03 30 39.7	-0.5
E48A	comp-Z, 2.3nm, 0.5s						
ARSA	Arzberg	77.24	329	iP	P	03 30 40.0	-0.3
ARSA	comp-Z, 2.0nm, 0.5s						
BSTI	Sart Tilman	77.44	336	P	P	03 30 40.2	-1.1
D50A	G1974 Best Tow	77.48	31	P	P	03 30 41.0	-0.6
D50A	comp-Z, 2.3nm, 0.5s						
AMTX	Amarillo	77.54	52	P	P	03 30 43.6	+1.3
AMTX	comp-Z, 2.3nm, 0.5s						
AMTX	Amarillo	77.54	52	IAMB	IAMB	03 30 44.1	
AMTX	comp-Z, 1.2nm, 1.0s						
F48A	Evansville	77.60	33	P	P	03 30 41.9	-0.3
F48A	comp-Z, 2.3nm, 0.5s						
MSTX	Muleshoe	77.63	53	P	P	03 30 43.9	+1.1
MSTX	comp-Z, 2.3nm, 0.5s						
MSTX	Muleshoe	77.63	53	IAMB	IAMB	03 30 44.4	
MSTX	comp-Z, 2.3nm, 1.1s						
D51A	Lot 18 Range I	77.71	31	P	P	03 30 42.3	-0.6
D51A	comp-Z, 2.3nm, 0.5s						
MNTX	Cornudas Mount	77.86	56	P	P	03 30 45.3	+1.3
MNTX	comp-Z, 2.3nm, 0.5s						
F49A	Sanfield	77.88	33	P	P	03 30 44.3	-0.5
F49A	comp-Z, 2.3nm, 0.5s						
SOKA	Soboth	77.90	329	iP	P	03 30 44.3	+0.3
SOKA	comp-Z, 2.3nm, 0.5s						
P38A	Dawn	78.02	44	IAMB	IAMB	03 30 45.9	
P38A	comp-Z, 1.2nm, 0.8s						
VTS	Vitoshia	78.09	321	↑P	P	03 30 44.0	-1.2
VTS	Vitoshia	78.09	321	↑P	P	03 30 44.0	-1.2
KBA	Koelbrennsper	78.14	330	iP	P	03 30 45.5	0.0
KBA	comp-Z, 2.3nm, 0.5s						
E51A	G1948 Merrick	78.15	31	P	P	03 30 44.8	-0.5
E51A	comp-Z, 2.3nm, 0.5s						
D53A	Lac Vavie, Po	78.30	30	P	P	03 30 45.8	-0.2
D53A	comp-Z, 2.3nm, 0.5s						
D53A	Lac Vavie, Po	78.30	30	IAMB	IAMB	03 30 46.7	
D53A	comp-Z, 1.9nm, 0.9s						
MYKA	Terra Mystica	78.43	330	iP	P	03 30 46.2	-0.7
MYKA	comp-Z, 1.1nm, 0.4s						
F51A	Arnstein	78.51	32	P	P	03 30 46.7	-0.6
F51A	comp-Z, 2.3nm, 0.5s						
WATA	Walderalm	78.52	331	eP	P	03 30 46.7	-0.7
WATA	comp-Z, 2.3nm, 0.5s						
WTTA	Wattenberg	78.56	331	iP	P	03 30 47.6	-0.1
WTTA	comp-Z, 2.3nm, 0.4s						
D54A	Lac Fusel, La	78.58	29	P	P	03 30 47.3	-0.4
D54A	comp-Z, 2.3nm, 0.5s						
RETA	Reutte	78.65	332	iP	P	03 30 47.8	-0.2
RETA	comp-Z, 1.2nm, 0.3s						
E52A	Mattawa	78.65	31	P	P	03 30 47.4	-0.6
E52A	comp-Z, 2.3nm, 0.5s						
MOTA	Mocsalm	78.66	331	iP	P	03 30 48.1	-0.2
MOTA	comp-Z, 2.3nm, 0.4s						
BFO	Black Forest	78.67	334	eP	P	03 30 47.5	-0.6
BFO	comp-Z, 6.5nm, 1.1s, baz=29, slow=5.6						
SQTA	Sankt Quirin	78.74	331	iP	P	03 30 48.4	-0.2
SQTA	comp-Z, 3.9nm, 0.6s						
P40A	Paris	78.79	43	IAMB	IAMB	03 30 50.1	
P40A	comp-Z, 1.6nm, 0.9s						
F52A	Sundridge	78.84	31	P	P	03 30 48.7	-0.3
F52A	comp-Z, 3.3nm, 0.7s						
J47A	Summer	78.91	36	P	P	03 30 49.9	+0.4
J47A	comp-Z, 2.3nm, 0.5s						
E53A	Dumoine, Ponti	78.92	30	P	P	03 30 49.0	-0.4
E53A	comp-Z, 2.3nm, 0.5s						
E54A	Lac Daplat, Po	79.03	30	P	P	03 30 49.5	-0.6
E54A	comp-Z, 3.1nm, 0.5s						
FETA	Feichten	79.07	332	iP	P	03 30 50.5	0.0
FETA	comp-Z, 1.0nm, 0.6s						
D55A	Sainte-Anne-du	79.09	28	P	P	03 30 50.3	0.0
D55A	comp-Z, 3.2nm, 0.8s						
DAVA	Damuels	79.11	332	iP	P	03 30 50.3	-0.4
DAVA	comp-Z, 2.0nm, 0.4s, SNR=4.3						
ALGO	Algonquin Park	79.15	31	P	P	03 30 49.9	-0.8
ALGO	comp-Z, 2.3nm, 0.5s						
WMOK	Wichita Mounta	79.19	50	P	P	03 30 51.7	+0.5
WMOK	comp-Z, 2.3nm, 0.5s						
HDIL	Hopedale	79.22	41	P	P	03 30 51.1	-0.1
HDIL	comp-Z, 2.3nm, 0.5s						
D56A	ZEC Mazanza, M	79.30	28	P	P	03 30 51.5	+0.1
D56A	comp-Z, 3.2nm, SNR=12						

E55A	Montceff-Lyto	79.39	29	P	P	03 30 51.4	-0.5
E55A	comp-Z, 2.3nm, 0.5s						
K48A	Perry	79.56	36	P	P	03 30 53.5	+0.5
K48A	comp-Z, 2.3nm, 0.5s						
D57A	Chemin Vers le	79.60	27	P	P	03 30 53.2	+0.1
D57A	comp-Z, 3.3nm, SNR=8.5						
LATQ	La Tuque	79.62	27	P	P	03 30 53.0	-0.1
LATQ	comp-Z, 2.3nm, 0.5s						
G54A	Lake Saint Pet	79.62	31	P	P	03 30 52.6	-0.7
G54A	comp-Z, 2.3nm, 0.5s						
H52A	Weyvale	79.63	32	P	P	03 30 53.1	-0.2
H52A	comp-Z, 2.3nm, 0.5s						
S39A	Bolivar	79.65	45	IAMB	IAMB	03 30 54.0	
S39A	comp-Z, 1.1nm, 0.8s						
E56A	St. Veronique	79.65	28	P	P	03 30 53.4	0.0
E56A	comp-Z, 3.2nm, SNR=7.1						
G53A	Haliburton	79.67	31	P	P	03 30 53.2	-0.2
G53A	comp-Z, 3.0nm, SNR=5.1						
R40A	Middles Statio	79.67	44	IAMB	IAMB	03 30 54.1	
R40A	comp-Z, 9.4nm, 0.6s						
KJUV	Kijevo	79.68	327	iP	P	03 30 52.7	-0.9
KJUV	comp-Z, 2.3nm, 0.5s						
X34A	Smith Ranch, M	79.80	50	IAMB	IAMB	03 30 56.4	
X34A	comp-Z, 1.0nm, 0.8s						
TUL1	Leonard	79.83	48	P	P	03 30 55.2	+0.7
TUL1	comp-Z, 2.3nm, 0.5s						
F55A	Otter Lake	79.84	30	P	P	03 30 53.8	-0.6
F55A	comp-Z, 2.3nm, 0.5s						
RIC1	Rice	79.84	326	iP	P	03 30 52.8	-1.7
RIC1	comp-Z, 2.3nm, 0.5s						
K49A	Clarkson	79.84	36	P	P	03 30 55.2	+0.8
K49A	comp-Z, 2.3nm, 0.5s						
D58A	Chemin du LacG	79.84	27	P	P	03 30 54.0	-0.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Cooper Cave, Sevierville, Tuckaleechee C, etc.

IDC 05:03:34:29.1±0.5, 3.75S:142.07E, h0km, mb4.7/24, mb1.4/9/28, mb1mx4.8/39, mbmp4.8/28, ML4.5/2, MS4.5/16, MS-1.4/5/16, ms1mx4.3/32, Error ellipse: s-maj=15.7km

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Jayapura, Genyem, Biak, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like GUMO Guam, WBO Warramunga Arr, KNRA Kununurra, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CAN Canberra, KSM Kuching, CNB Canberra Magnet, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CD2, YSS, HHC, BTO, LZH, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WMQ, PPT, PPT2, TBI, POO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RIDG, QSPA, PRP, SCRK, BCAR, etc.

SO F05 03:36:47.9 41°82N-22°83E, h11km, MD3.1
SKO F05 03:38:48.1 41°82N-22°85E, h15km
PDG F05 03:36:49.0 41°84N-22°94E, h16km, ML3.1/10, Error
ellip: s-maj=0.4km s-min=0.8km az=0
THE F05 03:36:49.0 41°80N-22°93E, h2km, 45km, ML3.0/14, Error
ellip: s-maj=45.6km s-min=0.6km az=267.0
ATH F05 03:36:49.8 41°73N-22°93E, h2km, 1km, ML2.9/9, Error
ellip: s-maj=2.8km s-min=1.1km az=167.0
BEO F05 03:36:50.0 41°82N-22°91E, h17km, 2km, ML3.0/10
ISC F05 03:36:48.0 41°81N-22°91E, h8km, 56km, n118, s1919/173, 30C-7D, Northwestern Balkan

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Table with columns: LVC, comp-Z, S, Sn, Sb, Date, Time, Az, El, SNR, and other technical details for various radio stations.

Table with columns: T59A, T58A, T57A, WLAR, W48A, WHTX, WHTX, CLTN, S57A, S57A, T51A, R58B, R58B, X40A, WVT, WVT, WVT, ULLS, ULLS, T50A, TXAR, TXAR, TXAR, MIAR, MIAR, R57A, T49A, W41B, W50A, LCAR, LCAR, W39A, W39A, ABTX, ABTX, ABTX, G57A, R51A, Q56A, R50A, PBMO, P59A, P57A, P56A, WCI, U40A, T42A, T42A, Q51A, Q51A, P53A, HHAR, HHAR, O57A, Q48A, O56A, O56A, FVM, P49A, S5PA, N57A, N57A, VNA3, CCM, CCM, N55A, N56A, VNA1, MNTX, MNTX, S39A, N54A, P46A, M58A, M57A, R40A, M59A, O48A, VNA2, M56A, M55A, M54A, N49A, L58A, L59A, BINY, L56A

Table with columns: L55A, L54A, K59A, K58A, HDIL, K55A, L48A, L21A, SNA4, SNA4, SNA4, J59A, I58A, KSU1, I59A, J52A, I60A, I61A, LBNH, J48A, I51A, H58A, ANMO, ANMO, H61A, J47A, H57A, H63A, H59A, CBKS, CBKS, TUC, TUC, G57A, G62A, G61A, T25A, G53A, Z14A, F64A, F60A, K5C0, F52A, SDCO, SDCO, E58A, BGNE, F51A, E56A, E54A, 113A, S22A, E51A, D57A, D63A, D62A, D62A, D58A, D56A, D55A, Q24A, M4C0, M4C0, D54A, D53A, D53A, E47A, WUAZ, WUAZ, WUAZ, D51A, D50A, D49A, D47A, ECSD, ECSD, ISCO, SMCO, SPMN, VLDO, BC3, PV22, W13A, IRM, XPFO, PFO, N23A, QSPA, GMRC, O20A

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like White River Ci, Little Creek M, Dimbokro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like comp=Z,0.5nm,0.9s, comp=Z,0.6nm,0.5s, etc.

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

Table with 5 columns: Station Name, Frequency, Power, and other technical details. Includes stations like HDC Heredia, LCR2 La Lucha 2, etc.

EAJ 05:05:03.43.0.3.24.63S:22.72E, h10km, MD3.3
NAM 05:05:03.45.0.12.0.24.23S:22.76E, h10km, MD3.4
PRE 05:05:03.54.0.9.26.39S:22.34E, h2km, ML2.0

Table with 5 columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like KLOOF Kloof, PARYS Parys, etc.

SJA 05:05:28.51.0.0.8.20.61S:71.08W, h9km, 27km, ML4.3, MW4

IDC 05:05:28.55.3.0.6.20.54S:70.56W, h0km, mb4.3/1.4, mb1.4/1.6, mb1mx4.3/32, mbtmp4.3/16, ML4.1/2, MS3.9/9, Ms1.3/9.9, ms1mx3.6/25, Error ellipse: s-maj=20.0km s-min=15.0km az=64.0

NEIC 05:05:28.57.5.2.4.20.63S:0.02:70.69W, 0.03, h18km, 1km, mb4.7/47, Mwr4.6/37, ML4.7(GUC), Error ellipse: s-maj=5.1km s-min=3.6km az=99.0

NEIC 05:05:28.57.7.20.63S:70.68W, h18km, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; M0=0.30; Mw=0.66; Mw0.96; Mn=3.89; Mn0.85; Ms=8.55; Fault plane solution: M0=90000*10^15 (N1P1) vs 157*10000*389*63000*3.101*140000* NP2 vs 249*0000*8.11*14000*3.1.940000* Principal axes: T 9.0963, Plg44.0000* Azm78.0000* N 0.9437, Plg11.0000* Azm337.0000* P -10.0400, Plg44.0000* Azm236.0000*

GUC 05:05:28.58.3.0.7.20.60S:70.67W, h21km, 3km, ML4.6
VAO 05:05:28.59.0.1.8.20.53S:70.77W, h27km, 13km, mb4.7

ISC 05:05:28.57.0.1.3.20.62S:0.02:70.72W, 0.04, h15km, 7km, n192, s1938, 196, mb4.7/31, MS4.2/7, Near coast of northern Chile

Large table with 5 columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TA01 Diego Arcarena, PATA Pata, etc.

Large table with 5 columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like GO02 Mina Guanaco, LPAZ La Paz, etc.

Large table with 5 columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SNAA Great Sand Tun, SDCO Great Sand Tun, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Screech, Elevation Screech, 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 Screech, Elevation Screech.

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 Screech, Elevation Screech.

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 Screech, Elevation Screech.

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Table with columns for call sign, name, frequency, power, and other details. Includes entries like JANB, PLMC, GUYC, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like HKT, HKT, HKT, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like UALR, T50A, S54A, etc.

N57A	Milroy	60.94 354	P	P	05 55 07.6 +1.0
N58A	Sunbury	60.95 355	P	P	05 55 07.6 +1.2
N59A	State Game Lan	60.95 355	P	P	05 55 07.6 +1.0
O51A	Patasakala	61.03 349	P	P	05 55 07.1 -0.1
CCM	Cathedral Cave	61.09 341	P	P	05 55 07.5 -0.1
CCM	Cathedral Cave	61.09 341	P	P	05 55 07.9 +0.2
CCM	Cathedral Cave	61.09 341	P	P	05 55 07.5 -0.1
N55A	Marion Center	61.13 353	P	P	05 55 09.1 +1.3
N56A	West Decatur	61.18 353	P	P	05 55 09.6 +1.3
ACSO	Alum Creek Sta	61.18 349	P	P	05 55 08.4 +0.2
O50A	Cable	61.22 349	P	P	05 55 08.4 -0.1
Q44A	Meyer Farm, Va	61.25 344	I	Amb	05 55 09.1
O49A	Covington	61.39 348	P	P	05 55 09.3 -0.4
O49A	Covington	61.39 348	I	Amb	05 55 10.3
N53A	Lisbon	61.40 351	P	P	05 55 10.4 +0.7
N53A	Lisbon	61.40 351	I	Amb	05 55 30.2
S39A	Bolivar	61.41 339	I	Amb	05 55 11.1
N54A	Moraine State	61.43 352	P	P	05 55 11.2 +1.3
MNTX	Cornudas Mount	61.45 326	P	P	05 55 10.8 +0.5
MNTX	Cornudas Mount	61.45 326	I	Amb	05 55 11.8
M58A	Price's Panora	61.45 355	P	P	05 55 11.6 +1.5
P46A	Rosedale	61.47 345	I	Amb	05 55 10.4
M57A	Sunshine Farm,	61.48 354	P	P	05 55 11.5 +1.3
M57A	Sunshine Farm,	61.48 354	P	P	05 55 10.8 +0.6
N52A	McGinn's Farm,	61.53 350	P	P	05 55 10.9 +0.3
M59A	Waymart	61.55 356	P	P	05 55 12.1 +1.4
R40A	Maddies Statio	61.62 341	I	Amb	05 55 12.2
O48A	Farmland	61.62 347	P	P	05 55 11.0 -0.2
L63A	North Scituate	61.70 359	P	P	05 55 12.8 +1.1
M56A	Emporium	61.73 353	P	P	05 55 13.0 +1.1
M55A	Ridgway	61.78 353	P	P	05 55 13.3 +1.0
VN43	Neumayer Olymp	61.83 161	P	P	05 55 14.2 +1.9
M54A	Oil Creek Stat	61.93 352	P	P	05 55 14.2 +1.0
MSTX	Muleshoe	61.98 330	P	P	05 55 14.7 +0.8
MSTX	Muleshoe	61.98 330	I	Amb	05 55 16.1
M53A	Wl Miller and	61.99 351	P	P	05 55 14.5 +0.8
VN41	Neumayer-Stat	62.05 160	P	P	05 55 16.2 +2.4
N49A	Columbus Grove	62.07 348	P	P	05 55 14.4 +0.2
L58A	Harry Jones Me	62.08 355	P	P	05 55 15.3 +1.1
L57A	Andrews Acres	62.11 355	P	P	05 55 15.7 +1.2
L59A	Watton	62.16 356	P	P	05 55 16.0 +1.2
SFIN	Lafayette	62.17 346	P	P	05 55 14.2 -0.7
SFIN	Lafayette	62.17 346	I	Amb	05 55 14.8
N48A	Decatur	62.18 348	P	P	05 55 14.9 0.0
BINY	Binghamton	62.24 355	P	P	05 55 16.5 +1.2
BINY	Binghamton	62.24 355	I	Amb	05 55 35.5
L56A	Greenwood	62.31 354	P	P	05 55 17.1 +1.3
N47A	Urbana	62.34 347	P	P	05 55 15.3 -0.6
U32A	Winter Ranch,	62.35 334	I	Amb	05 55 17.8
HRV	Adam Dzewionsk	62.35 359	P	P	05 55 17.5 +1.5
VN42	Neumayer-Watz	62.41 161	P	P	05 55 17.9 +1.7
L53A	Girard	62.44 352	P	P	05 55 17.4 +0.7
L55A	Hinsdale	62.45 353	P	P	05 55 17.8 +1.0
K60A	Five Rivers en	62.53 357	P	P	05 55 19.2 +2.0
ERPA	Erie	62.57 352	P	P	05 55 18.2 +0.7
M49A	Liberty Center	62.57 349	P	P	05 55 17.5 0.0
L54A	Sinclairville	62.60 353	P	P	05 55 18.8 +1.1
TRY	Troy	62.63 357	I	Amb	05 55 20.4
WVNY	West Valley, N	62.69 353	P	P	05 55 19.3 +1.0
P40A	Paris	62.69 341	I	Amb	05 55 19.4
K59A	Cooperstown	62.74 356	P	P	05 55 20.2 +1.5
K58A	Earlville	62.77 356	P	P	05 55 20.1 +1.2
K57A	Sciop Center	62.81 355	P	P	05 55 20.1 +1.0
K56A	Middlesex	62.85 354	P	P	05 55 20.4 +1.1
HDIL	Hopedale	62.87 344	P	P	05 55 18.8 -0.8
HDIL	Hopedale	62.87 344	I	Amb	05 55 19.8
K54A	Basillko Farm,	62.90 353	P	P	05 55 20.8 +1.1
L48A	N Adams	63.11 348	P	P	05 55 20.9 -0.3
L49A	Milan	63.15 349	P	P	05 55 21.4 +0.1
J61A	Chester	63.21 356	P	P	05 55 23.5 +1.8
319A	Douglas	63.31 323	I	Amb	05 55 25.9
J58A	Remsen	63.34 356	P	P	05 55 23.7 +1.1
121A	Cookes Peak, D	63.37 325	P	P	05 55 25.5 +2.3
J59A	Plesco	63.40 357	P	P	05 55 24.6 +1.6
N41A	Harden Midland	63.44 343	I	Amb	05 55 43.5
J57A	Williamstown	63.44 356	P	P	05 55 24.3 +1.1
J57A	Williamstown	63.44 356	I	Amb	05 55 36.4
I58A	Old Forge	63.66 356	P	P	05 55 25.7 +1.0
I59A	Olmsteadville	63.70 357	P	P	05 55 26.2 +1.2
I60A	Shoreham	63.73 358	P	P	05 55 26.6 +1.5
J52A	Paris	63.74 352	P	P	05 55 25.8 +0.6
I61A	Oroboro, Fairl	63.78 359	P	P	05 55 27.2 +1.7
K5U1	Kansas State U	63.81 338	P	P	05 55 25.7 0.0
K48A	Perry	63.88 349	P	P	05 55 26.1 0.0
NCB	Newcomb	63.89 357	I	Amb	05 55 39.7
K47A	Vermontville	63.92 348	P	P	05 55 26.1 -0.3
R32A	Long Quarter,	64.00 336	I	Amb	05 55 28.9
SNA4	Sanae	64.04 161	P	P	05 55 28.7 +1.7
SNA4	Sanae	64.04 161	P	P	05 55 28.3 +1.3
SNA4	Sanae	64.04 161	P	P	05 55 28.3 +1.3
SNA4	Sanae	64.04 161	P	P	05 55 28.3 +1.3
LBNH	Lisbon	64.08 359	I	Amb	05 55 40.7
I53A	Kortright Cn E	64.20 353	P	P	05 55 29.2 +1.0
N38A	Joess South Fr	64.21 341	I	Amb	05 55 29.4
J48A	Bridge Port	64.30 349	I	Amb	05 55 28.8 -0.1
J48A	Bridge Port	64.30 349	I	Amb	05 55 29.1
H58A	Gabriels	64.34 357	P	P	05 55 30.2 +1.0
I51A	Listowel	64.36 352	P	P	05 55 29.7 +0.4
H61A	Lyndonville	64.38 359	P	P	05 55 31.1 +1.6
I55A	Frankford	64.39 354	P	P	05 55 30.3 +0.9
H62A	Milan	64.41 359	P	P	05 55 31.0 +1.4
J47A	Summer	64.43 348	P	P	05 55 30.0 +0.2
H57A	Richville	64.45 356	P	P	05 55 31.0 +1.1
H63A	New Sharon	64.50 0	P	P	05 55 32.0 +1.8
H59A	Cadyville	64.54 357	P	P	05 55 31.7 +1.2
ANMO	Albuquerque	64.56 328	P	P	05 55 32.2 +1.1
ANMO	Albuquerque	64.56 328	P	P	05 55 32.5 +1.4
ANMO	Albuquerque	64.56 328	P	P	05 55 32.2 +1.1
ANMO	Albuquerque	64.56 328	P	P	05 55 32.2 +1.1
H56A	Elgin	64.64 355	P	P	05 55 32.2 +1.1
H66A	Whiting	64.68 3	P	P	05 55 32.5 +1.1
CBK5	Cedar Bluff	64.74 335	P	P	05 55 33.1 +1.2
HAL	Halifax	64.78 5	I	Amb	05 55 34.0
L40A	Anamosa	64.80 343	I	Amb	05 55 33.0
H53A	Bobcaygeon	64.83 354	P	P	05 55 33.2 +0.8
TUC	Tucson	64.86 323	P	P	05 55 34.1 +1.2
TUC	Tucson	64.86 323	P	P	05 55 34.6 +1.7
TUC	Tucson	64.86 323	P	P	05 55 34.1 +1.2
G60A	Masonville	64.95 359	P	P	05 55 35.4 +2.3
G63A	Kingsbury	64.95 1	P	P	05 55 34.4 +1.2
H52A	Wyevale	65.04 353	P	P	05 55 34.7 +1.0
G62A	West of Eustis	65.05 367	P	P	05 55 35.7 +1.9
G57A	Newington	65.07 350	P	P	05 55 34.9 +1.0
SADO	Sadowa	65.08 353	P	P	05 55 34.3 +0.3
SADO	Sadowa	65.08 353	I	Amb	05 55 35.4
G65A	Princeton	65.09 2	P	P	05 55 35.3 +1.3
G64A	Maxfield	65.10 1	P	P	05 55 35.4 +1.3
PKMC	Peaks-Kenny Pk	65.11 1	P	P	05 55 35.3 +1.2
G61A	St-Isidore-de-	65.12 359	P	P	05 55 36.1 +1.8
SCIA	State Center	65.22 341	P	P	05 55 35.3 +0.3
SCIA	State Center	65.22 341	I	Amb	05 55 55.9
G55A	Calabogie	65.33 355	P	P	05 55 36.6 +1.0
JFWS	Jewell Farm	65.33 344	P	P	05 55 35.6 -0.1
T25A	Trinidad	65.34 331	P	P	05 55 37.9 +1.7
G53A	Haliburton	65.38 354	P	P	05 55 36.8 +1.0
F64A	Sherman	65.72 2	P	P	05 55 39.4 +1.3
F64A	Sherman	65.72 2	P	P	05 55 39.0 +0.9
GBN	Guyborough	65.75 7	I	Amb	05 55 39.9
214A	Organ Pipe Nat	65.78 321	P	P	05 55 41.4 +2.5
214A	Organ Pipe Nat	65.78 321	I	Amb	05 55 42.4
F61A	St Evariste	65.81 360	P	P	05 55 39.9 +1.2
F60A	Warwick	65.81 359	P	P	05 55 39.8 +1.1
X18A	Snowflake	66.06 325	I	Amb	05 55 44.2
KSCO	Kaye Sheddock	66.09 333	P	P	05 55 42.4 +1.5
F52A	Sundridge	66.11 353	P	P	05 55 41.4 +0.8
ALGO	Algonquin Park	66.14 354	P	P	05 55 41.4 +0.6
E60A	Ste Agathe de	66.21 359	P	P	05 55 42.4 +1.2
E58A	La Victoria	66.25 358	P	P	05 55 42.7 +1.2
E61A	Lac Etchemin	66.26 0	P	P	05 55 43.1 +1.5
E63A	Oxbow	66.28 2	P	P	05 55 42.9 +1.2
E63A	Oxbow	66.28 2	P	P	05 55 41.8 +0.1
E63A	Oxbow	66.28 2	I	Amb	05 55 43.4
E64A	Brigdetwater	66.30 2	P	P	05 55 43.0 +1.2
F51A	Arnstent	66.31 353	P	P	05 55 42.3 +0.4
SDCO	Great Sand Dun	66.33 330	P	P	05 55 44.3 +1.7
SDCO	Great Sand Dun	66.33 330	I	Amb	05 55 45.4
BGNE	Belgrade	66.39 338	P	P	05 55 43.4 +0.8
E55A	Montcerf-Lytto	66.48 356	P	P	05 55 44.1 +1.2
E56A	St. Veronique	66.50 357	P	P	05 55 44.1 +1.0
E53A	Dumoine, Ponti	66.53 355	P	P	05 55 44.0 +0.7
E54A	Lac Duplat, Po	66.54 355	P	P	05 55 44.2 +0.8
E51A	G1948 Merrick	66.86 353	P	P	05 55 46.1 +0.7
D63A	Stockholm	66.90 2	P	P	05 55 46.9 +1.3
D57A	Chemin Vers le	66.92 357	P	P	05 55 46.9 +1.1
D62A	Allapoint, All	66.93 1	P	P	05 55 47.1 +1.3
D62A	Allapoint, All	66.93 1	I	Amb	05 55 58.5
D58A	Chemin du Lac	66.96 358	P	P	05 55 47.2 +1.1
S22A	4UR Ranch, Cre	66.96 329	P	P	05 55 48.3 +1.7
D56A	ZEC Mazanza, M	66.99 357	P	P	05 55 47.0 +0.8
D55A	Sainte-Anne-du	67.00 356	P	P	05 55 46.9 +0.7
D61A	St Aubert, Com	67.03 0	P	P	05 55 48.1 +1.7
Q24A	Divide	67.16 331	P	P	05 55 49.7 +1.8
I37A	Lemond, Waseca	67.21 342	I	Amb	05 56 00.3
D54A	Lac Fusel, La	67.21 355	P	P	05 55 48.0 +0.3
D53A	Lac Vacive, Po	67.23 355	P	P	05 55 48.2 +0.5
BATG	Bathurst New B	67.23 3	I	Amb	05 56 00.2
LATQ	La Tuque	67.25 358	P	P	05 55 48.8 +1.0
MVCO	Mesa Verde	67.36 328	P	P	05 55 50.7 +1.6
MVCO	Mesa Verde	67.36 328	I	Amb	05 55 52.0
D51A	Lot 18 Range I	67.40 353	P	P	05 55 49.3 +0.5
D50A	G1974 Best Tow	67.53 353	P	P	05 55 50.1 +0.5
WU4Z	Wupatki	67.57 325	P	P	05 55 52.9 +2.6
WU4Z	Wupatki	67.57 325	P	P	05 55 52.6 +2.2
WU4Z	Wupatki	67.57 325	I	Amb	05 55 53.9
GLA	Glamis	67.75 321	I	Amb	05 56 07.7
D48A	Paudash Townsh	67.78 352	P	P	05 55 50.5 -0.7
D49A	Beulah Townshi	67.81 352	P	P	05 55 52.5 +1.0
D47A	Chapleau	67.85 351	P	P	05 55 51.4 -0.3
ECSD	EROS Data Cent	67.93 340	P	P	05 55 52.7 +0.4
ECSD	EROS Data Cent	67.93 340	I	Amb	05 55 53.8
TAOE	Nuku Hiva Is	67.95 268	eLR	LR	06 16 23.4
ISCO	Idaho Springs	68.05 331	P	P	05 55 55.0 +1.5

Table with columns: WHN, comp-Z, 620nm, 20.1s, LR, LR, PKP, PKP, 06 05 02.8 +0.9, etc.

PGC 05 05:57:45.9,0.0,65°30'N-134°50'W, h5km, ML3.5/12, 238km south of Fort McPherson, Nt Northern Yukon Territory, Canada, Northern Yukon Territory

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

SJA 05 06:31:52.9,0.8,19°54'S:71°84'W, h6km,34km, ML4.4, MW4.2

IDC 05 06:32:07.8,0.7,20°00'S:70°73'W, h0km, mb4.1/9, mb1.4/4.1, mb1mx4.1/29, mbmp4.2/11, ML4.2/2, MS3.6/8, Ms1.3/6.8, ms1mx3.4/22, Error ellipse: s-maj=21.9km s-min=13.1km az=57.0

GUC 05 06:32:09.6,0.6,20°10'S:70°93'W, h42km,1km, ML4.5 NEIC 05 06:32:09.4,20°10'S:70°89'W, h13km, Moment Tensor Solution, Moment tensor: Scale 10^15Nm, Mw=4.5, Mw=0.35; Mw=4.20; Mw=0.12; Mw=1.50; Mw=1.63; Fault plane solution: M4.910000*10^15 NP1=333.190000*, 536.550000*, 7.742000*. NP2=168.710000*, 854.460000*, 1.99170000*. Principal axes: T 4.87000, Plg7.00000*, Azm112.00000*; N 0.0814, Plg7.00000*, Azm343.00000*; P -4.9514, Plg9.00000*, Azm252.00000*

NEIC 05 06:32:10.9,2.8,20°06'S:03°70'W, h19km,1km, mb4.8/43, Mw4.4/44, ML4.5(GUC) Error ellipse: s-maj=7.8km s-min=5.4km az=275.0

VAO 05 06:32:13.7,0.9,19°34'S:70°69'W, h41km,6km, mb4.4, ISC 05 06:32:08.9,1.4,20°05'S:02°70'W, h0km,0.04, h10km, gkm, n176, r181/187, mb4.7/24, MS3.7/5, 8C-20, Near coast of northern Chile

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Main table with columns: LVC, comp-Z, 66nm, 0.3s, baz=334, slow=11, SNR=28, etc.

Main table with columns: G62A, West of Eustis, 64.96, 0, P, P, 06 42 50.2 +1.5, etc.

IDC 05 06:40:18.5,1.6,2.75N:92°22'E, h0km, mb3.9/5, mb1.4/2.8, mb1mx3.8/4.7, mbmp4.0/8, ML4.1/13, Error ellipse: s-maj=43.2km s-min=25.6km az=34.0

DJA 05 06:40:20.8,0.4,3°N:5°9'E, h0km, MB4.8/13, mb4.8/13, mb5.4/5, MLV4.9/8, Mw(mb)4.8/5

ISC 05 06:40:23.8,0.9,2.78N:01°92'E:0.1, h35km, m2.0, 0536.20, mb3.8/5, Off west coast of northern Sumatra

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

KRNET 05 06:44:49.5,0.1,39°19'N:72°70'E, mb2.5 SCME 05 06:45:02.2,40°20'N:42°42'E, h0km, mb3.1, mpv2.8, NNC 05 06:45:04.2,6.4,40°16'N:72°44'E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=20.5km s-min=10.8km az=172.0

ISC 05 06:44:54.1,2.8,39°50'N:01°72'E:0.06, h6km, n15km, n15, c214/24, 8C-7D, Kyrgyzstan

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like LZH, WMQ, KURK, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like FINES, ISCO, GAR, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like AGPR, AGPR, AGPR, etc.

IDC 05:08:12:36.9;1.4,20:30S;67:14E,h0km,mb3.7/5, m1 3.9/5,mb1mx3.5/5,mbtm3.7/5,MS3.5/2,Ms1 3.5/2, ms1mx2.7/40,Error ellipse: s-maj=49.7km s-min=35.4km az=11.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like H08S1, H08S2, etc.

GUC 05:08:16:31.4;0.8,20:28S;70:03W,h2km,4km,ML4.3 IDC 05:08:16:31.4;0.8,20:14S;69:98W,h50km,4km,mb3.8/10, mb1 4.0/13,mb1mx3.9/30,mbtm4.1/13,MS3.1/4, Ms1 3.1/4,ms1mx2.9/21,Error ellipse: s-maj=22.1km s-min=8.2km az=71.0

NEIC 05:08:16:32.2;0.20:28S;70:05W,h54km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:2.08; Mw:0.00; Mw-2.08; Mw0.26; Mw0.04; Mw-2.01; Fault plane solution: Mo:2.91000x10^15 NP1:0.29000, 0.23,04000, 1.97,68000. NP2:0.174,57000, 0.67,17000, 1.86,75000. Principal axes: T 2.9136, Plg68.0000, Azm79.0000; N -0.0121, Plg3.0000, Azm176.0000; P 2.0015, Plg22.0000, Azm167.0000.

NEIC 05:08:16:32.3;1.8,20:28S;0:03:07.06W,0.05,h55km,1km,mb4.6/37,Mw1r4.2/M4.3(GUC). Error ellipse: s-maj=7.9km s-min=4.1km az=276.0

VAO 05:08:16:34.0;0.8,20:22S;69:87W,h74km,5km,mb4.4 ISC 05:08:16:31.5;0.5,20:28S;0:02:70.05W,0.05,h49km,4km,n125,0:18/140,mb4.5/25,Near coast of northern Chile

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like TA01, TA01, TA01, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Heris, Ahar, Varzaqan, Hashtrud, Tabriz, Sarab, Ordubad, Garmi, etc.

SOME 05:08:48:32.3, 45°87'N, 82°77'E, h0km, mb3.7, mpv3.5, NNC 05:08:48:33.9-0.6, 45°86'N, 82°84'E, h0km, mb3.7, mpv3.5, Error ellipse: s-maj=5.4km, s-min=2.2km, az=95.0

ASRS 05:08:48:39.9-0.6, 46°N, 4°S, h10km, ML3.5/5, smi:org.gfz-potsdam.de/geofon/LOST/earthModell/D

ISC 05:08:48:34.6-0.8, 45.96°N, 03.83°E, 0.04, h10km, n40, z=268/69, 5C-6D, Northern Xinjiang

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

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

ISC 05:08:51:18.6±1.3, 19°35'S, 72°00'W, h0km, mb3.5/4, mb1.3, 7/6, mb1mx3.6/22, mbtmp3.5/6, ML3.3/2, MS2.6/1, Ms1.2, 6/1, ms1mx2.1/21, Error ellipse: s-maj=37.7km, s-min=25.0km, az=73.0

ISC 05:08:51:19.7-1.1, 19°55'S, 09°12'W, 0.11, h10km, n8, z=203/9, mb3.6/4, Off coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Limon Verde, La Paz, San Ignacio, etc.

ISC 05:08:55:29.5-0.9, 21°19'S, 68°08'W, h122km, 15km, mb3.5/1, mb1.3, 4/5, mb1mx3.2/21, mbtmp3.8/5, Error ellipse: s-maj=33.5km, s-min=10.8km, az=105.0

GUC 05:08:55:29.1±0.8, 21°14'S, 68°53'W, h139km, 5km, ML3.6, h135km, 10km, n24, d092/43, 8C-3D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Limon Verde, La Paz, San Ignacio, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Ignacio, Paso Flores, Brasilia, Pitinga, etc.

IDC 05:09:07:47.3±1.5, 20°00'S, 70°64'W, h0km, mb3.6/3, mb1.3, 9/5, mb1mx3.7/26, mbtmp3.8/5, ML3.9/2, MS2.5/1, Ms1.2, 5/1, ms1mx2.3/20, Error ellipse: s-maj=42.2km, s-min=23.1km, az=83.0

GUC 05:09:07:51.0±0.5, 20°20'S, 70°51'W, h32km, 4km, ML3.5, ISC 05:09:07:49.8±1.4, 20°16'S, 03°07'W, h22km, 11km, n24, i=22/27, 6D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Diego Aracena, Pisagua, Punta Patache, IPOC Station, etc.

IDC 05:09:15:10.4±1.6, 19°73'S, 70°63'W, h0km, mb3.5/3, mb1.3, 9/5, mb1mx3.7/26, mbtmp3.8/5, ML3.9/2, MS2.2/2, Ms1.2, 3/2, ms1mx2.1/21, Error ellipse: s-maj=46.3km, s-min=25.0km, az=95.0

GUC 05:09:15:14.9±0.6, 19°95'S, 70°46'W, h30km, 5km, ML3.9, ISC 05:09:15:11.7±1.7, 19°89'S, 03°07'W, h07km, 0.07, h5km, 11km, n23, i=149/28, 4C-6D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pisagua, Diego Aracena, Punta Patache, etc.

5d 10h

PAOL	comp=E,3690µm,0.7s	AML	AML						
PAOL	comp=N,4520µm,0.4s	AML	AML						
PAOL	comp=N,4595µm,0.4s	AML	AML						
PAOL	comp=E,3815µm,0.7s	AML	AML						
SOLUN	Solunto	3.00 256	↑P	Pn					
SOLUN	comp=E,8150µm,0.6s	AML	AML						
SOLUN	comp=N,6780µm,0.6s	AML	AML						
PSB1	Pescosannita	3.01 323	↓P	Pn					
PSB1	comp=N,3205µm,0.8s	AML	AML						
PSB1	comp=N,3195µm,0.7s	AML	AML						
PSB1	comp=E,4120µm,0.6s	AML	AML						
PSB1	comp=E,3945µm,0.6s	AML	AML						
MSAG	Monte S. Angel	3.03 341	↓P	Pn					
MSAG	comp=E,11700µm,0.6s	AML	AML						
MSAG	comp=N,16100µm,0.4s	AML	AML						
MSAG	comp=N,16350µm,0.4s	AML	AML						
MSAG	comp=E,12450µm,0.6s	AML	AML						
AST1	Astakos	3.04 95	P	Pn					
KRI1	KERI	3.06 112	P	Pn					
ZAK2	Zakynthos	3.08 109	P	Pn					
CLTA	Licata	3.09 238	↑P	Pn					
SGRT	San Giovanni R	3.11 339	↓P	Pn					
SGRT	San Giovanni R	3.11 339	↓P	Pn					
SGRT	comp=N,5730µm,0.6s	AML	AML						
MPG	Monte Pellegri	3.12 258	↑P	Pn					
MPG	comp=E,4025µm,0.8s	AML	AML						
MPG	comp=N,3885µm,1.0s	AML	AML						
USI	Ustica	3.17 269	↑P	Pn					
USI	comp=E,11680µm,0.9s	AML	AML						
USI	comp=N,14900µm,1.5s	AML	AML						
SACR	S. Croce Del S.	3.19 323	AML	AML					
SACR	comp=E,1920µm,1.0s	AML	AML						
SACR	comp=N,1910µm,1.1s	AML	AML						
GATE	Gambatesa	3.19 327	AML	AML					
GATE	comp=N,2960µm,1.0s	AML	AML						
GATE	comp=E,2735µm,0.7s	AML	AML						
GATE	comp=E,1855µm,0.7s	AML	AML						
GATE	comp=N,2985µm,0.6s	AML	AML						
TIR	Tirane	3.21 38	ePn	Pn					
TIR	Tirane	3.21 38	P	Pn					
TIR	Tirane	3.21 38	↑P	Pn					
TIR	Tirane	3.21 38	P	Pn					
TIR	Tirane	3.21 38	S	Pn					
TIR	Tirane	3.21 38	P	Pn					
CORL	Corleone	3.23 254	AML	AML					
CORL	comp=N,14850µm,0.7s	AML	AML						
CORL	comp=E,14235µm,1.4s	AML	AML						
MELA	Melanico ??? S	3.27 331	AML	AML					
MELA	comp=E,11150µm,0.7s	AML	AML						
MELA	comp=N,11400µm,0.6s	AML	AML						
MELA	comp=N,11650µm,0.7s	AML	AML						
MELA	comp=E,11020µm,0.7s	AML	AML						
PIGN	Pignataro Magg	3.31 65	P	Pn					
PIGN	comp=N,1595µm,1.1s	AML	AML						
PIGN	comp=N,1590µm,0.6s	AML	AML						
PIGN	comp=E,1735µm,1.3s	AML	AML						
PIGN	comp=E,1640µm,1.3s	AML	AML						
CIGN	Sant'Elia a Pi	3.31 328	AML	AML					
CIGN	comp=E,2175µm,1.5s	AML	AML						
CIGN	comp=N,2365µm,1.4s	AML	AML						
NEST	Nestorio Gregorio Mates	3.33 61	P	Pn					
NEST	comp=E,8.5nm,0.7s	AML	AML						
SGG	comp=N,8.0nm,0.5s	AML	AML						
SGG	comp=E,2830µm,0.8s	AML	AML						
SGG	comp=N,2500µm,0.5s	AML	AML						
BSSO	Busso	3.36 324	AML	AML					
BSSO	comp=N,1046µm,0.9s	AML	AML						
BSSO	comp=E,948µm,1.4s	AML	AML						
BSSO	comp=E,2350µm,1.4s	AML	AML						
BSSO	comp=N,2370µm,0.9s	AML	AML						
PVO	Paravola	3.37 93	P	Pn					
KPRO	Kipourio	3.38 70	P	Pn					
CLTB	Caltabellotta	3.41 249	P	Pn					
CLTB	Caltabellotta	3.41 249	P	Pn					
CLTB	comp=N,15650µm,0.6s	AML	AML						
CLTB	comp=E,9335µm,0.6s	AML	AML						
RLS	Riolos di Patr	3.42 102	P	Pn					
VAGA	Valle Agricola	3.44 319	P	Pn					
VAGA	comp=N,2925µm,0.7s	AML	AML						
VAGA	comp=E,2050µm,1.0s	AML	AML						
VAGA	comp=E,2085µm,1.0s	AML	AML						
VAGA	comp=N,3000µm,0.7s	AML	AML						
MODR	Mondragone	3.44 313	↓P	Pn					
ULC	Ulcinj	3.46 267	↓Pn	Pn					
ULC	comp=N,2215µm,0.3s	AML	AML						
VENT	Ventotene	3.51 305	AML	AML					
VENT	comp=E,1890µm,0.4s	AML	AML						
OHR	Ohrid	3.55 49	iPn	Pn					
EVR	Evyrtania	3.57 98	P	Pn					
MIDA	Miranda	3.59 322	AML	AML					
MIDA	comp=N,1640µm,1.2s	AML	AML						
MIDA	comp=N,1635µm,0.9s	AML	AML						
MIDA	comp=E,1895µm,0.8s	AML	AML						
UPR	University Cam	3.62 98	P	Pn					
DRO	Drossia	3.63 103	P	Pn					
DRME	Dracevica, Mon	3.64 231	↓Pn	Pn					
DRME	Dracevica, Mon	3.64 231	↓Pn	Pn					
DRME	comp=N,2620µm,0.0s	AML	AML						
BUM	Brajci-Budva	3.67 207	↓Pn	Pn					
BUM	comp=N,3600µm,0.5s	AML	AML						
ANX	Ano Chora	3.68 93	P	Pn					
CERA	Filignano	3.68 319	AML	AML					
CERA	comp=E,2370µm,0.4s	AML	AML						
CERA	comp=E,2440µm,0.9s	AML	AML						
CERA	comp=N,3510µm,0.5s	AML	AML						

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EFP	Efpalio	3.69 95	P	Pn					
RNI2	Rionero Sannit	3.69 321	AML	AML					
RNI2	comp=N,1850µm,1.3s	AML	AML						
RNI2	comp=E,2885µm,0.4s	AML	AML						
RNI2	comp=N,1885µm,1.3s	AML	AML						
RNI2	comp=E,2765µm,0.4s	AML	AML						
WDD	Wied Dalam	3.71 216	AML	Pn					
WDD	Wied Dalam	3.71 216	↑P	Pn					
WDD	comp=E,14750µm,0.3s	AML	AML						
WDD	comp=N,12000µm,0.4s	AML	AML						
HCY	Herceg Novi	3.71 15	↓Pn	Pn					
HCY	Herceg Novi	3.71 15	↓Pn	Pn					
HCY	Herceg Novi	3.71 15	eSn	Pn					
FNA	Florina	3.73 58	P	Pn					
FNA	Florina	3.73 58	eP	Pn					
FNA	Florina	3.73 58	P	Pn					
FNA	Florina	3.73 58	P	Pn					
FNA	Florina	3.73 58	P	Pn					
PHI	Peshkopia	3.74 40	P	Pn					
AMT	Artemida-Makis	3.77 109	P	Pn					
LAKA	Lakka	3.77 98	P	Pn					
PUK	Puka	3.77 32	P	Pn					
PUK	comp=E,13300µm,0.4s	AML	AML						
PUK	comp=N,9150µm,0.7s	AML	AML						
THL	Klokotos Trika	3.78 78	P	Pn					
THL	Klokotos Trika	3.78 78	↓Pn	Pn					
THL	Klokotos Trika	3.78 78	↓Pn	Pn					
THL	Klokotos Trika	3.78 78	P	Pn					
SERG	Sergoula	3.81 95	P	Pn					
TRIZ	Trizonia	3.82 96	P	Pn					
MAKR	Makrakomi, Fth	3.83 86	P	Pn					
ALIK	Aliki, Aigiali	3.87 97	P	Pn					
DBRK	Dubrovnik	3.87 10	ePn	Pn					
DBRK	comp=N,4625µm,0.5s	AML	AML						
KALE	Kalithea	3.87 95	P	Pn					
PDG	Podgorica	3.89 23	ePn	Pn					
PDG	Podgorica	3.89 23	eSn	Pn					
PDG	Podgorica	3.89 23	↓Pn	Pn					
PDG	Podgorica	3.89 23	↓Pn	Pn					
PDG	Podgorica	3.89 23	AML	AML					
PDG	comp=N,5925µm,0.5s	AML	AML						
PDG	comp=E,7150µm,0.4s	AML	AML						
PDG	comp=E,5625µm,0.4s	AML	AML						
TTG	Podgorica	3.89 23	↓Pn	Pn					
TTG	Podgorica	3.89 23	iSn	Pn					

APE	Apeiranthos	6.80 103	eP	Pn	10 26 22.4	0.0
APE	Apeiranthos	6.80 103	P	Pn	10 26 23.7	+1.3
MDVR	Moldivao	6.80 108	P	Pn	10 26 22.4	0.0
GVDS	Gavdos	6.80 124	P	Pn	10 26 21.4	-1.1
GVDS	Gavdos	6.80 124	eP	Pn	10 26 21.4	-1.1
BJUS	Bojanci	6.80 348	Pn	Pn	10 26 23.7	+1.3
BOJS	Bojanci	6.80 348	eSn	Pn	10 27 34.2	-4.2
comp-Z,807nm,0.7s						
BOJS	Bojanci	6.80 348	P	Pn	10 26 23.7	+1.3
GVD	Gavdos	6.80 124	eP	Pn	10 26 21.4	-1.1
GVD	Gavdos	6.80 124	eP	Pn	10 26 21.4	-1.1
BRIS	BRISIGHELLA	6.81 323	P	Pn	10 26 24.4	+1.8
KDZ	Kurdzhali	6.85 63	P	Pn	10 26 23.0	-0.2
KDZ	Kurdzhali	6.85 63	eP	Pn	10 26 22.8	-0.4
SAP3	Santorini-Thir	6.88 108	P	Pn	10 26 24.0	+0.5
OLJL	Ozalj	6.88 350	ePn	Pn	10 26 24.4	+0.9
PUNGS	Pungina	6.90 36	Pn	Pn	10 26 24.1	+0.4
GBRS	Gornja Briga	6.91 346	Pn	Pn	10 26 25.3	+1.3
GBRS	Gornja Briga	6.91 346	eSn	Pn	10 27 37.9	-3.2
comp-Z,178nm,0.3s						
BOZO	Bozcaada	6.91 79	eP	Pn	10 26 24.4	+0.5
CMBO	Columbo, Santo	6.92 91	P	Pn	10 26 24.0	+0.1
CHOS	Chios island	6.92 91	P	Pn	10 26 25.4	+1.0
CHOS	Chios island	6.92 91	eP	Pn	10 26 24.6	+0.4
THO2	Imevioligi	6.93 108	eP	Pn	10 26 24.3	0.0
SAP1	Santorini-Akro	6.95 109	P	Pn	10 26 24.5	+0.1
SANT	Santorini	6.99 108	eP	Pn	10 26 25.0	+0.1
SANT	Santorini	6.99 108	eP	Pn	10 26 24.9	-0.1
SANT	Santorini	6.99 108	eP	Pn	10 26 25.3	+0.3
KEST	Kesra	7.02 246	P	Pn	10 26 25.9	+0.4
comp-Z,12nm,0.3s,baz=15,slow=3.6,SNR=50						
KEST	Kesra	7.02 246	P	Pn	10 27 43.8	-0.2
comp-Z,1.4nm,0.3s,baz=316,slow=17,SNR=1.1						
KEST	Kesra	7.02 246	P	Pn	10 26 26.0	+0.5
DJES	Djerpad	7.02 33	ePn	Pn	10 26 25.6	+0.1
DJES	Djerpad	7.02 33	eSn	Pn	10 27 38.7	-5.2
ZAG	Zagreb	7.03 353	P	Pn	10 26 26.5	+1.0
ZAG	Zagreb	7.03 353	P	Pn	10 26 23.9	-0.9
PRK	Paraskvepi	7.05 84	P	Pn	10 26 28.5	+2.7
ALN	Alexandroupoli	7.08 70	P	Pn	10 26 26.5	+0.3
ALN	Alexandroupoli	7.08 70	eP	Pn	10 26 26.8	+0.6
ALN	Alexandroupoli	7.08 70	P	Pn	10 26 26.6	+0.3
ALN	Alexandroupoli	7.08 70	eP	Pn	10 26 26.6	+0.3
IDI	Anoia	7.08 118	P	Pn	10 26 24.5	-0.5
IDI	Anoia	7.08 118	P	Pn	10 26 24.9	-1.5
comp-Z,87nm,0.3s,baz=316,slow=16,SNR=246						
IDI	Anoia	7.08 118	P	Pn	10 27 40.5	-5.0
comp-Z,338nm,0.3s,baz=18,slow=19,SNR=17						
IDI	Anoia	7.08 118	P	Pn	10 26 25.0	-1.5
IDI	Anoia	7.08 118	P	Pn	10 26 26.7	+0.3
IDI	Anoia	7.08 118	P	Pn	10 26 25.5	-0.9
IDI	Anoia	7.08 118	P	Pn	10 26 25.9	-1.5
CRES	Cresnjev	7.09 350	Pn	Pn	10 26 27.2	+0.8
CRES	Cresnjev	7.09 350	Pn	Pn	10 27 41.0	-4.5
comp-Z,242nm,0.5s						
CRES	Cresnjev	7.09 350	Pn	Pn	10 26 27.2	+0.8
DIM	Dimitrovgrad	7.09 61	P	Pn	10 26 28.1	+1.7
PTJ	Puntijarka	7.11 353	Pn	Pn	10 26 27.1	+0.4
EZN	Ezine	7.12 79	eP	Pn	10 26 27.1	+0.4
ENEZ	Enez	7.12 72	eP	Pn	10 26 27.1	+0.3
HERR	Herculane	7.15 31	P	Pn	10 26 27.3	0.0
MAIM	Mastiano	7.15 317	P	Pn	10 26 30.4	+3.1
VISS	Visnje	7.16 346	Pn	Pn	10 26 28.6	+1.2
VISS	Visnje	7.16 346	eSn	Pn	10 27 42.3	-5.1
comp-Z,355nm,0.4s						
SIVA	Sivas	7.18 120	P	Pn	10 26 27.0	-0.6
PLVB	Pleven	7.18 49	P	Pn	10 26 29.2	+1.5
CEY	Cerkljaka	7.18 344	Pn	Pn	10 26 28.1	+0.4
IACM	Heraklion	7.20 117	P	Pn	10 26 26.7	-1.2
KSTL	Kastelli Herak	7.20 117	P	Pn	10 26 31.7	+3.2
ZCCA	Zocca	7.22 322	Pn	Pn	10 26 32.3	+4.1
HRKL	Herakleio	7.22 117	P	Pn	10 26 27.1	-1.1
HRKL	Herakleio	7.22 117	eP	Pn	10 26 26.9	-1.3
ANAF	Anafi Island	7.22 108	P	Pn	10 26 28.3	0.0
PGF	Piogiogia	7.26 303	ePn	Pn	10 26 30.2	+1.4
PGF	Piogiogia	7.26 303	eSn	Pn	10 27 44.8	-5.0
comp-Z,55nm,0.5s						
KALN	Kalnik	7.29 356	ePn	Pn	10 26 29.2	0.0
GELI	Tayfur-Gelibol	7.30 75	eP	Pn	10 26 29.1	-0.2
TRI	Trieste	7.31 341	P	Pn	10 26 29.5	+0.1
TRI	Trieste	7.31 341	P	Pn	10 26 29.5	+0.1
TRI	Trieste	7.31 341	P	Pn	10 26 29.5	+0.1
SRE	Strehaia	7.32 309	P	Pn	10 26 30.9	+1.3
URLA	Izmir	7.35 91	P	Pn	10 26 30.1	+0.1
ERIK	Erikli-Kesan	7.38 73	eP	Pn	10 26 30.7	+0.4
MORH	Morsh, Hungary	7.42 49	P	Pn	10 26 33.1	+1.9
VLAD	Vladia	7.44 44	P	Pn	10 26 32.5	+1.1
LJU	Ljubljana	7.46 345	Pn	Pn	10 26 32.5	+1.1
LJU	Ljubljana	7.46 345	P	Pn	10 26 32.5	+1.1
BZS	Buzias	7.50 24	P	Pn	10 26 31.9	-0.1
BZS	Buzias	7.50 24	P	Pn	10 26 31.3	-0.7
DKL	Dikili	7.52 85	P	Pn	10 26 32.3	+0.7
LAST	Lasithi	7.56 117	P	Pn	10 26 31.6	-1.3
UYOP	Uzunokopru-Edir	7.57 70	eP	Pn	10 26 34.0	+1.1
NPS	Neapolis	7.60 116	P	Pn	10 26 32.4	-1.0
SABO	M.te Sabotino	7.61 341	P	Pn	10 26 33.4	-0.1
BEHE	Becehely	7.62 358	Pn	Pn	10 26 34.0	+0.5
KOGS	Kog	7.62 355	Pn	Pn	10 26 34.0	+0.4
KOGS	Kog	7.62 355	eSn	Pn	10 27 52.8	-5.7
comp-Z,239nm,0.4s						
KOGS	Kog	7.62 355	P	Pn	10 26 34.1	+0.4
SMG	Samos	7.64 96	eP	Pn	10 26 35.2	+1.2
ELCO	Salcova	7.70 90	eP	Pn	10 26 35.1	+0.2
GROS	Gronobik	7.71 351	Pn	Pn	10 26 35.1	+0.2
GROS	Gronobik	7.71 351	eSn	Pn	10 27 55.1	-5.6
ELND	Elena	7.71 55	P	Pn	10 26 35.8	+1.0
GZR	Gura Zlata	7.72 30	P	Pn	10 26 35.3	+0.2
ZIMR	Zimri	7.76 49	P	Pn	10 26 37.9	+2.1
CADS	Cadrg	7.80 342	Pn	Pn	10 26 36.4	+0.1
CADS	Cadrg	7.80 342	eSn	Pn	10 27 58.5	-4.6
comp-Z,182nm,0.4s						
PRMA	PARMA	7.84 321	P	Pn	10 26 40.6	+3.9
EDRB	Edrine	7.87 43	eP	Pn	10 26 41.7	+0.2
RKY	Sarkoy-Tekirda	7.88 73	P	Pn	10 26 37.4	+0.2
SZH	Strazhica	7.91 53	P	Pn	10 26 39.3	+1.6
MSSA	Maissana	7.95 316	P	Pn	10 26 39.8	+1.6
GCAM	G?zelcam?	7.95 95	eP	Pn	10 26 38.2	0.0
STIA	Sitia Lasithi	7.97 115	P	Pn	10 26 37.7	-0.8
JMB	Jambol	7.98 349	P	Pn	10 26 38.5	+0.1
POLC	Polcenigo	7.97 336	P	Pn	10 26 39.4	+1.0
SOKA	Soboth	7.98 349	Pn	Pn	10 26 39.1	+0.4
comp-Z,166nm,0.4s,SNR=125						
SOKA	Soboth	7.98 349	eSn	Pn	10 28 02.7	-4.8
comp-Z,110nm,0.7s						
GEPF	Gemona	8.00 339	P	Pn	10 26 39.0	+0.2
PTCC	Potocco-Chiusa	8.07 341	P	Pn	10 26 39.7	-0.1
ZKR	Zakros	8.10 115	P	Pn	10 26 40.0	-0.3
ZKR	Zakros	8.10 115	eP	Pn	10 26 39.7	-0.6
HUMR	Humele	8.16 43	P	Pn	10 26 42.0	+1.7
STAL	STALIGIAL	8.11 337	P	Pn	10 26 40.5	0.0
BODT	Bodrum	8.16 41	P	Pn	10 26 41.4	+0.3
DEV	Deva	8.18 29	P	Pn	10 26 41.4	+0.2
LOT	Lotru	8.18 34	P	Pn	10 26 41.9	+0.5
LOT	Lotru	8.18 34	eP	Pn	10 26 40.9	-0.5
MYKA	Terra Mystica	8.20 342	Pn	Pn	10 26 42.2	+0.5
MYKA	Terra Mystica	8.20 342	eSn	Pn	10 28 08.9	-4.0
comp-Z,125nm,0.5s						
CTI	Castel Tesino	8.28 332	P	Pn	10 26 43.2	+0.4
CTI	Castel Tesino	8.28 332	P	Pn	10 26 43.2	+0.4
BALB	Balikesir	8.30 81	eP	Pn	10 26 43.8	+0.8
GOLR	Golra	8.31 41	P	Pn	10 26 45.4	+2.3
EDC	Edincik	8.34 76	eP	Pn	10 26 43.5	-0.1
PHSR	Pinarisnar	8.35 67	eP	Pn	10 26 43.7	+0.1
SALO	Salir	8.39 326	P	Pn	10 26 44.2	+0.2
AYDB	Zeytinokoy-Aydi	8.42 93	eP	Pn	10 26 48.3	+0.0
RAZG	Razgrad	8.43 53	P	Pn	10 26 46.4	+1.7
DAT	Datca	8.46 101	P	Pn	10 26 46.5	+1.2
DAT	Datca	8.46 101	eP	Pn	10 26 45.2	-0.1
ARSA	Arzberg	8.46 352	ePn	Pn	10 26 45.9	+0.4
comp-Z,258nm,0.3s,SNR=267						
ARSA	Arzberg	8.46 352	eSn	Pn	10 28 15.5	-4.2
comp-Z,79nm,0.6s						
ARR	Arges	8.52 38	P	Pn	10 26 48.5	+2.5
KARP	Karpathos	8.56 110	eP	Pn	10 26 46.0	-0.9
KARP	Karpathos	8.56 110	eP	Pn	10 26 46.1	-0.9
KARP	Karpathos	8.56 110	eP	Pn	10 26 46.6	-0.3
ABTA	Abfaltersbach	8.61 338	ePn	Pn	10 26 47.7	+0.4
comp-Z,266nm,0.5s,SNR=143						
ABTA	Abfaltersbach	8.61 338	eSn	Pn	10 28 18.1	-4.9
comp-Z,99nm,0.7s						

MTUR	Matau	8.63 40	P	Pn	10 26 50.3	+2.8
KBA	Koelnbreinsper	8.70 142	ePn	Pn	10 26 49.1	+0.6
comp-Z,151nm,0.4s,SNR=350						
KBA	Koelnbreinsper	8.70 142	eSn	Pn	10 28 20.0	-5.1
comp-Z,116nm,0.5s						
KCTX	Karacabay (Bur	8.71 77	eP	Pn	10 26 48.4	-0.2
SLVT	Silivri	8.75 71	eP	Pn	10 26 49.0	-0.1
VOIR	Voiron	8.77 39	P	Pn	10 26 50.9	+1.4
PRD	Provadia	8.82 57	P	Pn	10 26 58.8	+8.7
MAAT	Manisa	8.87 89	P	Pn	10 26 53.2	+2.2
DRGR	Dracov	8.89 25	P	Pn	10 26 50.7	-0.4
YER	Yerkesli	8.89 98	eP	Pn	10 26 51.7	+0.5
SBF	Sospel	8.90 307	ePn	Pn	10 26 52.3	+1.1
SBF	Sospel	8.90 307	eSn	Pn	10 28 24.6	-5.4
comp-Z,26nm,0.6s						
KULA	Kula	8.95 89	eP	Pn	10 26 52.1	+0.2
CTKS	Kestanelik-?2a	8.97 71	P	Pn	10 26 52.0	-0.1
SECR	Secir	9.02 44	P	Pn	10 26 55.5	+2.7
ARG	Arkhangelos	9.05 104	P	Pn	10 26 53.1	-0.1
LEHL	Lehliu	9.11 49	P	Pn	10 26 55.8	+1.9
CONA	Comrad Observa	9.12 354	Pn	Pn	10 26 54.4	+0.1
comp-Z,83nm,0.3s,SNR=71						
CONA	Comrad Observa	9.12 354	eSn	Pn	10 28 29.5	-6.0
comp-Z,55nm,0.5s						
CJR	Cluj-Napoca	9.14 29	P	Pn	10 26 56.5	+2.1
BGKT	Bogdanov	9.15 72	P	Pn	10 26 57.7	+0.2
SIMA	Simav-Kutahya	9.16 85	eP	Pn	10 26 54.1	-0.7
RASA	Rasa	9.16 51	P	Pn	10 26 56.5	+1.8
TURN	Turunc	9.21 99	eP	Pn	10 26 51.8	-3.6
MOA	Molin	9.24 347	ePn	Pn	10 26 56.7	+0.9
MOA	Molin	9.24 347	ePn	Pn	10 26 56.8	+0.9
comp-Z,602nm,0.4s,SNR=522						
MOA	Molin	9.24 347	eSn	Pn	10 28 34.4	-3.9
comp-Z,142nm,0.6s						
LMR</						

5d 11h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PEL, ROCH, PASO, etc.

ROM 05 11:56:09.6:0.1,43.437N,0:002,12:530E,0:004, h8km,ML1.1/1,1C,Error ellipse:s-maj=0.3km

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

ROM 05 11:56:34.2:0.1,42.852N,0:003,12:674E,0:004, h9km,ML1.4/6,1C,Error ellipse:s-maj=0.3km

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

IDC 05 11:57:23.8:5.0,4.35S,148.43E,h0km,mb3.9/4, mb1.4/1.4,mb1mx3.6/34,mbtmp3.9/4,MS3.4/6,Ms1 3.4/6, ms1mx2.9/42,Error ellipse:s-maj=160.6km

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

Table with columns: DZM, FITZ, MJAR, WSAR. Includes station names and coordinates.

BUC 05 11:58:14.3:0.4,44.46N,21.92E,h12km,2km,ml1.4/4, Error ellipse:s-maj=3.1km s-min=1.8km az=64.0

BEO 05 11:58:14.7:0.3,44.42N,21.92E,h0km,ML1.5/1.4,8C-10D, Mining explosion,,Northwestern Balkan Peninsula

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

SJA 05 11:58:15.6:0.7,20:03S,71.60W,h20km,ML4.5,MW4.8

IDC 05 11:58:24.8:0.6,20:25S,70:85W,h0km,mb4.1/1.0, mb1.4/4.12,mb1mx3.3/33,mbtmp2.1/2,ML4.3,MS3.3/4, Ms1.3/4,ms1mx3.0/34,Error ellipse:s-maj=23.1km

NEIC 05 11:58:25.8,20:35S,70:81W,h10km,Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr3.96;

Mw-2.79; Mw-1.17; Mw-0.90; Mw-3.31; Mw1.276; Fault plane solution: Ms5.64000x10^15 NP1.9x23.44000x0.559,10000",N,52.41000",NP2.9x259.73000",647.16000", N,135.54000", Principal axes: T=5.3645,Plg58.0000", Azm24.0000"; N=2.2598,Plg32.0000", Azm45.0000"; P=5.5047,Plg7.0000", Azm139.0000";

NEIC 05 11:58:25.7:1.7,20:33S,0:03,70:85W,0.15h,10km,1km, mb4.6/73,Mw4.4/40,Error ellipse:s-maj=8.1km

GUC 05 11:58:25.8:0.7,20:34S,70:85W,h31km,10km,ML4.3

ICZ 05 11:58:25.2:1.7,20:38S,70:93W,h38km,14km,mb4.4

ISC 05 11:58:25.0:4.0,20:33S,0:03,70:88W,0.04,h10km,n145, c1927/120,mb4.6/35,2C-6D,Near coast of northern Chile

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

Table with columns: PB15, IPOC Station P, IPOC Station P, IPOC Station P. Includes station names and coordinates.

LPAZ La Paz comp=Z,1.1nm,0.3s,baz=291,slow=7.3,SNR=25

LPAZ La Paz comp=Z,1.1nm,0.3s,baz=291,slow=7.3,SNR=25

LPAZ La Paz comp=Z,1.1nm,0.3s,baz=291,slow=7.3,SNR=25

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

SIV San Ignacio comp=Z,1.9nm,0.3s,baz=275,slow=9.4,SNR=23

W41B	baz=284	S	Sn	12 44 21.1 +4.8
W41B	baz=284	Sb	Sg	12 44 35.7 -3.9
MSTX	Muleshoe baz=61, SNR=11	Pn	Pn	12 44 29.3 -1.0
MSTX	baz=61	Pb	Pb	12 43 41.1 -1.0
MSTX	baz=61	Sb	Sb	12 44 44.0 +4.0
MSTX	Muleshoe Z41A Richland Creek baz=307, SNR=6.7	Pn	Pn	12 43 29.2 -1.0
Z41A	baz=307	P	Pn	12 43 31.6 +0.8
KSCO	Kaye Shedlock baz=124	S	Sn	12 44 27.8 +0.8
KSCO	baz=124	Pn	Pn	12 43 33.9 +1.8
KSCO	baz=124	Pb	Pb	12 43 48.1 +3.6
KSCO	baz=124	Sb	Sb	12 44 49.5 +5.4
KSCO	Kaye Shedlock NATX Nacodoches baz=331	S	Sn	12 43 32.7 +0.5
CCAR	Cane Creek BGNE baz=176, SNR=20	Pn	Pn	12 44 29.1 -1.2
BGNE	baz=176	Pb	Pb	12 43 37.5 +1.5
BGNE	Belgrade baz=176	Sb	Sb	12 43 36.3 -0.3
BGNE	Belgrade 435B Jarrell baz=360	Pn	Pn	12 43 54.0 +4.0
435B	baz=360	Pn	Pn	12 43 36.2 -0.4
435B	baz=360	Pb	Pb	12 43 37.4 -0.2
435B	baz=360	Sb	Sb	12 43 53.1 +1.8
435B	baz=360	Sb	Sb	12 45 01.8 +6.2
CCM	Cathedral Cave baz=251	Pn	Pn	12 43 39.4 +1.3
CCM	baz=251	Pb	Pg	12 43 56.9 -3.9
CCM	baz=251	S	Sn	12 44 40.8 +0.7
T25A	Trinidad baz=98, SNR=12	Pn	Pn	12 43 40.3 -1.1
T25A	baz=98	Pb	Pb	12 43 58.5 +2.7
T25A	baz=98	Sb	Sb	12 45 07.7 +4.5
X43A	Marvell baz=288	Pn	Pn	12 43 59.5 +2.6
X43A	baz=288	Sb	Sg	12 45 16.0 -4.2
L34A	Svensden Farm, OGNE Ogallala baz=143, SNR=11	Pn	Pn	12 43 44.9 0.0
OGNE	baz=143	Pb	Pb	12 43 46.1 +0.2
OGNE	Ogallala Junction City baz=17	Pn	Pn	12 44 05.9 +4.5
JCT	baz=17	Pb	Pb	12 43 45.8 -0.1
JCT	baz=17	Pb	Pb	12 43 45.0 -1.0
JCT	baz=17	Pb	Pb	12 44 04.7 +3.0
FVM	Junction City Oxford French Village L43A Soos Landing, SLM Saint Louis K31A O'Neill SDCO Great Sand Dun baz=102, SNR=27	Pn	Pn	12 43 45.2 -0.8
SDCO	baz=102	Pn	Pn	12 43 47.1 +0.8
SDCO	baz=102	Pn	Pn	12 43 49.0 +0.7
SDCO	baz=102	Pn	Pn	12 43 51.9 +0.9
SDCO	baz=102	Pn	Pn	12 43 54.0 +0.1
SDCO	baz=102	Pn	Pn	12 43 54.5 -0.1
SDCO	baz=102	Pb	Pb	12 44 17.1 +4.9
SDCO	Great Sand Dun Q24A Divide baz=113	Pn	Pn	12 43 54.1 -0.5
SCIA	State Center baz=212, SNR=12	Pn	Pn	12 43 55.5 -0.4
SCIA	State Center S44A Carbondale OXF Oxford baz=286, SNR=11	Pn	Pn	12 43 57.1 +1.5
OXF	baz=286	Pn	Pn	12 43 56.8 +1.1
OXF	baz=286	Pn	Pn	12 43 58.0 +0.2
OXF	baz=286	S	Sn	12 45 18.7 +2.6
OXF	baz=286	Pn	Pn	12 43 57.8 -0.3
SIUC	Southern Illin W45A Hickory Valley, Y45A Yeager Farm, C N41A Harden Midland VBMS Vicksburg baz=306	Pn	Pn	12 43 57.8 -0.3
P43A	Skaggs, Pawnee Q44A Meyer Farm, Va ISCO Idaho Springs baz=113, SNR=21	Pn	Pn	12 43 58.5 +0.3
ISCO	baz=113	Pn	Pn	12 43 59.7 +1.2
ISCO	baz=113	Pn	Pn	12 44 00.6 +1.0
ISCO	baz=113	Pn	Pn	12 44 01.3 +1.7
ISCO	baz=113	S	Sn	12 45 19.8 -0.5
ISCO	Idaho Springs 344A Westbrook Farm ANMO Albuquerque 0.2nm, 0.3s, baz=91, slow=15, SNR=8.1	Pn	Pn	12 44 04.1 +0.6
ANMO	baz=91	Pn	Pn	12 44 05.6 +1.1
ANMO	baz=91	Pn	Pn	12 44 04.2 -1.0
ANMO	baz=91	Pn	Pn	12 44 04.3 -1.0
ANMO	baz=91	Pn	Pn	12 44 05.7 +0.6
ANMO	baz=91	Pn	Pn	12 44 05.2 -0.3
ANMO	baz=91	Pb	Pb	12 44 30.1 +4.4
ANMO	5.3nm, 0.3s, baz=90, slow=17, SNR=8.5	Lg	Lg	12 46 06.0
ANMO	18nm, 0.3s, baz=89, slow=7.2, SNR=7.6	Lg	Lg	12 47 13.2
ANMO	comp=Z, 186nm, 19.6s, baz=92, slow=4.1	LR	LR	12 44 05.0 -0.4
ANMO	Albuquerque K38A Parkersburg ECSD EROS Data Cent baz=186, SNR=50	Pn	Pn	12 44 07.5 +0.8
L40A	Anamosa 7.61 5 P	Pn	Pn	12 44 07.2 -1.4
ECSD	baz=186	Pn	Pn	12 44 07.5 -1.2
ECSD	baz=186	Pn	Pn	12 44 09.6 0.0
ECSD	baz=186	Pn	Pn	12 44 11.4 +0.1
ECSD	baz=186	Pn	Pn	12 44 13.5 +1.8
ECSD	baz=186	Pn	Pn	12 44 12.2 +0.5
ECSD	baz=186	Pn	Pn	12 44 12.2 +0.5
ECSD	baz=186	Pn	Pn	12 44 13.2 +1.1
ECSD	baz=186	Pn	Pn	12 44 10.8 -1.5
ECSD	baz=186	Pn	Pn	12 44 10.9 -1.4
ECSD	baz=186	Pn	Pn	12 44 14.9 +1.7
ECSD	baz=186	Pn	Pn	12 44 13.5 +0.1
ECSD	baz=186	Pn	Pn	12 44 14.2 -0.7
ECSD	baz=186	Pn	Pn	12 44 14.9 +0.4
ECSD	baz=186	Pn	Pn	12 44 16.2 +0.4
ECSD	baz=186	Pn	Pn	12 44 17.2 +0.6
ECSD	baz=186	Pn	Pn	12 44 19.6 +0.9
ECSD	baz=186	Pn	Pn	12 44 20.5 +0.4
ECSD	baz=186	Pn	Pn	12 44 20.8 +0.4
ECSD	baz=186	Pn	Pn	12 44 19.4 -1.1
ECSD	baz=186	Pn	Pn	12 44 19.4 -1.9
ECSD	baz=186	Pn	Pn	12 44 19.7 -1.6
ECSD	baz=186	Pn	Pn	12 44 19.5 -1.8
ECSD	baz=186	Lg	Lg	12 46 40.2
ECSD	10nm, 0.3s, baz=45, slow=16, SNR=5.1	Lg	Lg	12 44 20.0 -1.3
ECSD	baz=45	Pn	Pn	12 44 25.0 +1.3
ECSD	baz=45	Pn	Pn	12 44 25.1 +0.2
ECSD	baz=45	Pn	Pn	12 44 26.9 +0.9
ECSD	baz=45	Pn	Pn	12 44 30.6 +1.9
ECSD	baz=45	Pn	Pn	12 44 32.5 +1.9
ECSD	baz=45	Pn	Pn	12 44 32.0 +1.4
ECSD	baz=45	Pn	Pn	12 44 31.9 +1.0
ECSD	baz=45	Pn	Pn	12 44 32.0 +1.1
ECSD	baz=45	Pn	Pn	12 44 32.0 +0.9
ECSD	baz=45	Pn	Pn	12 44 32.9 +0.2
ECSD	baz=45	Pn	Pn	12 44 32.4 -0.5
ECSD	baz=45	Pn	Pn	12 44 34.3 +0.2
ECSD	baz=45	Pn	Pn	12 44 32.8 -0.4
ECSD	baz=45	Pn	Pn	12 44 35.4 +0.8
ECSD	baz=45	Pn	Pn	12 44 36.2 +1.6
ECSD	baz=45	Pn	Pn	12 44 35.2 +0.4
ECSD	baz=45	Pn	Pn	12 44 34.2 -0.6
ECSD	baz=45	Pn	Pn	12 44 37.9 +1.3
ECSD	baz=45	Pn	Pn	12 44 37.5 -0.5
ECSD	baz=45	Pn	Pn	12 44 39.3 +0.8
ECSD	baz=45	Pn	Pn	12 44 41.3 +0.6

Z50A	Ashland baz=290	9.99 103	P	Pn	12 44 42.9 +1.5
Z50A	Ashland R49A Shelbyville baz=262	9.99 103	P	Pn	12 44 41.2 -0.1
P48A	Milroy baz=255	10.14 67	P	Pn	12 44 44.1 +0.7
P48A	Milroy I42A Nancy T50A Nancy baz=269	10.14 67	Pn	Pn	12 44 42.9 -0.5
I42A	baz=269	10.18 38	Pn	Pn	12 44 44.3 -0.4
T50A	baz=269	10.26 81	Pn	Pn	12 44 45.8 +0.8
N47A	Urbana baz=247	10.42 59	P	Pn	12 44 45.8 -1.3
N47A	Urbana Q49A Aurora baz=258	10.42 59	Pn	Pn	12 44 47.4 0.0
Q49A	baz=258	10.56 102	Pn	Pn	12 44 49.4 +0.3
Z51A	Franklin O48A Farmland baz=251	10.56 63	P	Pn	12 44 49.1 -0.2
O48A	baz=251	10.60 90	Pn	Pn	12 44 50.4 +0.7
CPCT	Cooper Cave S50A Richmond baz=266	10.60 90	Pn	Pn	12 44 50.5 +0.4
S50A	baz=266	10.68 29	Pn	Pn	12 44 49.5 -1.2
G40A	Rib Lake E28A Huff V51A Loudon R50A Paris baz=263	10.68 29	Pn	Pn	12 44 48.6 -2.2
E28A	baz=263	10.70 88	Pn	Pn	12 44 51.1 +0.1
V51A	baz=263	10.76 75	Pn	Pn	12 44 52.6 +0.9
R50A	baz=263	10.97 82	P	Pn	12 44 56.3 +1.6
T51A	Greentown baz=270	11.11 72	Pn	Pn	12 44 56.3 -0.3
Q50A	Georgetown baz=260	11.11 72	Pn	Pn	12 44 57.6 0.0
TKL	Tuckaleechee C baz=280	11.18 88	Pn	Pn	12 44 57.6 0.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.18 88	Pn	Pn	12 46 05.9
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.18 88	Pn	Pn	12 44 58.1 +0.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.18 88	Pn	Pn	12 44 56.9 -0.8
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.19 51	P	Pn	12 44 58.8 -0.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.27 78	P	Pn	12 44 58.8 +0.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.31 87	Pn	Pn	12 45 00.3 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.34 75	P	Pn	12 45 00.5 +0.8
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.37 21	Pn	Pn	12 44 57.7 -2.4
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	P	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.4 -1.3
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.5 -1.1
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 44 59.1 -1.5
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309	Pn	Pn	12 45 00.6 +1.0
TKL	2.9nm, 0.3s, baz=260, slow=6.1, SNR=2.0	11.39 309			

5d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC, Res. Includes stations like GEYT Alibeck, GYA0B ALIBECK ARRAY, GYA0B ALIBECK ARRAY, etc.

2014 APR

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC, Res. Includes stations like KRVT Keravat, KRVT Keravat, KRVT Keravat, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC, Res. Includes stations like NORC, NORC, SMLC San Martin, SMLC San Martin, etc.

IDC 05 13:09:26.3-2.2, 2.55S-150.72E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/24, mbtmp3.4/5, ML2.6/1, MS2.9/2, Ms1 2.9/2, ms1mx2.4/23, Error ellipse: s-maj=43.9km

KRNET 05 13:45:10.9-0.1, 43.57N-77.94E, h30km, mb3.7 SOME 05 13:45:10.7, 43.58N-77.93E, h20km NNC 05 13:45:10.2-0.2, 43.57N-77.93E, h8km, 2km, mb3.7, mp3.8, Error ellipse: s-maj=2.2km s-min=1.1km az=171.0

ISC 05 13:45:11.5-0.9, 43.58N-77.91E, h13km, n10, n89, r127/162, 67C-13Z, Lake Issyk-Kul region

IDC 05 13:37:17.6-1.3, 6.83N-72.99W, h163km, 15km, mb2.8/1, mb1 3.4/4, mb1mx3.0/28, mbtmp3.7/4, Error ellipse: s-maj=48.8km s-min=14.3km az=131.0

RSNC 05 13:37:18.2-1.1, 6.78N-73.15W, h144km, 5km, ML3.5, Mw3.7

ISC 05 13:37:16.5-0.9, 6.80N-0.03-73.11W-0.04, h157km, 6km, n31, r148/58, 1C-4D, Northern Colombia

Table of astronomical observations for 2014 APR, including columns for station name, time, and magnitude. Includes entries like BFSC Mount Baldy Ra, GSC Goldstone, EYMN Ely, etc.

Table of astronomical observations for 2014 APR, including columns for station name, time, and magnitude. Includes entries like WRA Warramunga Arr, ZALV Zalesovo Beam, MK31 Makanchi Array, etc.

Table of astronomical observations for 2014 APR, including columns for station name, time, and magnitude. Includes entries like MLZ Mavora Lakes, TUWZ Tuamarina, CWY Toy Channel, etc.

5d 18h

Table with columns: MDP, SNA, SNA, SNA, YKA, ASAR, ASAR, WRA, ZALV, ZALV, MKAR, MKAR, SONM, SONM. Includes station names, coordinates, and times.

NNC 05 17:54:11.3s.2,36:87N-71:62E, h31km, 122km, mb3.7, mpv3.5, Error ellipse: s-maj=72.3km s-min=24.1km az=171.0

IDC 05 17:54:13.0s.3,6:37:12N-71:86E, h56km, 31km, mb3.3/5, mb1 3.5/12, mb1mx3.2/47, mbtmp3.6/12, ML3.2/7, Error ellipse: s-maj=31.8km s-min=25.5km az=19.0

ISC 05 17:54:10.2s.1,1,36:86N-0:09E, h35km, n17, alpha191/22, mb3.5/5, 2C-5D, Afghanistan-Tajikistan border region

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

SJA 05 17:57:36.1s.0.4,21:69S-68:55W, h96km, 4km, ML4.0, MW4.0

IDC 05 17:57:35.6s.0.7,21:94S-68:45W, h101km, 6km, mb3.5/6, mb1 3.8/10, mb1mx3.6/35, mbtmp3.9/10, MS2.4/1, Ms1 2.6/1, ms1mx2.3/20, Error ellipse: s-maj=25.1km s-min=17.5km az=118.0

GUC 05 17:57:36.3s.0.8,21:99S-68:62W, h125km, 4km, ML4.2, ISC 05 17:57:36.4s.0.7,21:92S-0:03E, h650W, 0.06, h111km, 6km, n39, alpha190/62, mb3.6/6, 17C, Chile-Bolivia border region

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

2014 APR

Table with columns: PSGC, YJA, MNMC, MNMC, PB14, PB14, AZAP, LPAZ, SIV, SIV, CPUP, PLCA, PTGA, PTGA, TXAR, PDAR, ELK, NVAR, YKA, YKA, ASAR, MKAR. Includes station names, coordinates, and times.

IDC 05 18:10:41.2s.9,23:46N-108:87W, h0km, mb3.1/1, mb1 3.6/4, mb1mx3.4/28, mbtmp3.1/4, ML3.4/3, MS2.9/5, Ms1 2.9/5, ms1mx2.7/15, Error ellipse: s-maj=141.7km s-min=31.6km az=167.0

MEX 05 18:10:52.6s.0.3,24:34N-109:23W, h13km, 18km, MD3.9, ISC 05 18:10:49.1s.1,24:1N,0:1x109.07W, h0.06, h22km, n12, alpha232/11, Gulf of California

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

KRNET 05 18:21:56.5s.0.1,43:07N-78:58E, h23km, mb1.9, NNC 05 18:22:00.7s.0.7,42:85N-78:44E, h0km, mb2.5, mpv2.5, Error ellipse: s-maj=6.6km s-min=2.5km az=174.0

SOME 05 18:22:02.0, 42:92N-78:42E, h10km, ISC 05 18:22:01.4s.1,0,42:88N-0:03E, h78.39E, 0.02, h10km, 7km, n27, alpha174/54, 12C-2D, Lake Issyk-Kul region

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

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Table with columns: KTBS, KTBS, KTMS, KTMS, ULHL, ULHL, DJR, DJR, DJR, DJR, BOOM, BOOM, TKM2, TKM2. Includes station names, coordinates, and times.

NEIC 05 18:41:16.6s.1,4,20:17S-0:04E, 70:94W, 0:08, h17km, 3km, mb4.1/2, Mwr3.9/40, Error ellipse: s-maj=11.3km s-min=6.1km az=99.0

GUC 05 18:41:16.6s.0.7,20:14S-70:97W, h39km, 1km, ML3.8, NEIC 05 18:41:16.8s.20:18S-70:97W, h21km, Moment Tensor Solution, Moment tensor: Scale 10^14Nm, Mw: 8.4; Mw-0.70; Mw-1.74; Mw-0.37; Mw-3.83; Mw-1.77; Fault plane solution: M8.630000*10^14 NP1:326.17000*, 540.760000*, 1.76.730000*. NP2:163.470000*, 850.550000*, 1.101.190000*. Principal axes: T: 8.1253, Plg80.0000*, Azm126.0000*, N: 0.9272, Plg9.0000*, Azm336.0000*; P: -0.9025, Plg5.0000*, Azm446.0000*.

IDC 05 18:41:16.0s.1,3,20:06S-70:90W, h0km, mb3.6/2, mb1 4.0/4, mb1mx3.8/19, mbtmp3.9/4, ML3.8/2, MS2.7/2, Ms1 2.8/2, ms1mx2.5/24, Error ellipse: s-maj=45.3km s-min=25.2km az=68.0

ISC 05 18:41:15.6s.6,8,20:16S-0:04E, 70:98W, 0:07, h11km, 10km, n49, alpha157/7, 10C-4D, Near coast of northern Chile

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

5d 19h

Table with columns: STG3, FUG, TGIG, IKG, IXC, CMIG, Station Name, Az, El, P, Res, Time, Res

IDC 05 19:09:28.1±1.3, 19:52S:70:70W, h0km, mb3.8/4, mb1 4.0/6, mb1mx3.7/35, mbmtpr3.9/6, ML4.0/2, Error ellipse: s-maj=39.8km s-min=25.2km az=101.0

NEIC 05 19:09:31.3±1.2, 19:80S:0:01x:70:71W, h2.0/5, h21km±5km, mb4.1/2, Mwr3.7/26, Error ellipse: s-maj=7.0km s-min=1.6km az=84.0

NEIC 05 19:09:31.5, 19:80S:70:69W, h27km, Moment Tensor Solution: Moment tensor: Scale 10^14Nm, Mr=2.80; Mw=0.01; Mw=2.79; Mw=0.68; Mw=0.24; Mw=2.53; Fault plane solution: Ms3.840000x10^14, NP1=1.680000; 623.970000; 1.102.310000. NP2=168.240000; 866.610000; 1.84.580000. Principal axes: T 3.8518, Plg68.0000; Azm68.0000; N -0.0286, Plg5.0000; Azm17.0000; P -3.8231, Plg21.0000; Azm262.0000;

GUC 05 19:09:32.1±0.8, 19:80S:70:64W, h40km, ML3, ML3.7

ISC 05 19:09:30.6±1.1, 19:79S:0:03x:70:72W, h0.05, h18km±12km, ns2, c095/64, mb4.4/4, 5C-9D, Near coast of northern Chile

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res

TAP 05 19:09:32.1, 24:34N:121:45E, h9km, ML1.5, 1D, B, Taiwan

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res

2014 APR

Main station list table for 2014 APR with columns: Code, Station Name, Az, El, P, Res, Time, Res

JMA 05 19:09:51.5±0.1, 24:93N:123:39E, h24km±4km, M1.4, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res

NMC 05 19:18:32.6±3.6, 36:96N:71:13E, h184km±105km, mb2.5, mpv3.6, Error ellipse: s-maj=65.8km s-min=40.0km az=35.0

ISC 05 19:29:26.1±1.6, 36:38N:0:17x13:0E, h250km, n11, of162/13, 4C, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res

SJA 05 19:21:39.8±0.6, 20:72S:70:92W, h19km±7km, ML4.4, MW4.4

460

IDC 05 19:21:41.9±0.7, 20:56S:70:52W, h0km, mb4.3/13, mb1 4.4/17, mb1mx4.3/36, mbmtpr4.3/17, ML4.1/4, MS3.6/7, Ms1 3.6/7, Ms1mx3.3/26, Error ellipse: s-maj=22.3km s-min=15.1km az=57.0

NEIC 05 19:21:43.6, 20:75S:70:66W, h20km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=2.24; Mw=0.45; Mw=1.79; Mw=1.29; Mw=1.31; Mw=0.52; Fault plane solution: Ms2.80000x10^15, NP1=3.347.010000; 535.500000; 1.120.900000. NP2=130.690000; 860.110000; 1.68.880000. Principal axes: T 2.7612, Plg68.0000; Azm360.0000; N 0.0850, Plg17.0000; Azm141.0000; P -8463, Plg13.0000; Azm105.0000;

NEIC 05 19:21:43.9±1.1, 20:75S:0:03x:70:65W, h0.04, h18km±2km, mb4.6/26, Mwr4.2/41, Error ellipse: s-maj=5.3km s-min=4.0km az=56.0

GUC 05 19:21:44.7±0.8, 20:72S:70:60W, h34km±3km, ML4.3

VAO 05 19:21:47.3±0.9, 20:70S:70:64W, h54km±7km, mb4.3

ISC 05 19:21:44.0±1.0, 20:73S:0:03x:70:66W, h0.04, h20km±4km, n158, c180/165, mb4.6/19, MS3.7/4, 3C-8D, Near coast of northern Chile

Main station list table for 460 with columns: Code, Station Name, Az, El, P, Res, Time, Res

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PTGA Pitinga, FLOC Florencia, GARC Garzon, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MNMC Minye Minye, IPOC Station P, PB12 IPOC Station P, etc.

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

IDC 05 19:23:25.5-1.0, 19:54S:70.72W, h0km, mb4.0/5, mb1 4.2/7, mb1mx3.9/34, mbtmp4.2/7, ML4.5/1, MS3.6/1, Ms1 3.6/1, ms1mx2.8/23, Error ellipse: s-maj=31.5km s-min=23.8km az=93.0

IDC 05 19:26:36.8-3.7, 21S:152.22E, h66km, 31km, mb3.4/4, mb1 3.7/4, mb1mx3.5/21, mbtmp3.7/4, Error ellipse: s-maj=67.7km s-min=22.4km az=123.0, New Britain region

SJA 05 19:38:49.4-0.5, 19:75S:71.68W, h28km, 27km, ML3.9, MW4.1, GUC 05 19:38:58.1-0.9, 19:91S:70.89W, h40km, 2km, ML3.7, ISC 05 19:38:55.1-2.4, 19:91S:70.03W, h10km, 17km, n24, r129/37, 9C-5D, Off coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Paradox Valley, Villa Florida, Pilot Hill, Brasilia, Pinedale Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mina Array Sit, Lajitas Array, TXAR, PDAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Manton Dam, Keravat, SOEI, DAV, etc.

IDC 05 23:03:38.7-6.3, 4.37S, 133.59E, h0km, mb3.2/1, mb1 3.7/3, mb1mx3.4/25, mbtmp3.5/3, ML3.5/2, Error ellipse: s-maj=365.2km s-min=32.6km az=77.0, lrian Jay region

NEIC 05 23:23:27.0-0.9, 2.47S, 0.2x179.74E, h542km, 14km, mb4.1/15, Error ellipse: s-maj=24.5km s-min=8.3km az=181.0

IDC 05 23:23:27.2-5.3, 2.47S, 179.75E, h528km, 58km, mb3.4/7, mb1 3.6/8, mb1mx3.2/46, mbtmp4.3/8, Error ellipse: s-maj=35.1km s-min=28.5km az=23.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAOU, NIUE, DZM, etc.

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

INET 05 23:06:09.5, 12.48N, 87.66W, h64km, MD3.1, ML3.7, GCG 05 23:06:15.4-0.3, 14.32N, 93.47W, h11km, MD4.0

IDC 05 23:23:27.0-0.9, 2.47S, 0.2x179.74E, h542km, 14km, mb4.1/15, Error ellipse: s-maj=24.5km s-min=8.3km az=181.0

IDC 05 23:23:27.2-5.3, 2.47S, 179.75E, h528km, 58km, mb3.4/7, mb1 3.6/8, mb1mx3.2/46, mbtmp4.3/8, Error ellipse: s-maj=35.1km s-min=28.5km az=23.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like THIG, PCIG, STG3, etc.

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

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

IDC 05 23:10:47.0-0.7, 1.737S, 173.73W, h0km, mb4.1/11, mb1 4.3/12, mb1mx4.1/37, mbtmp4.1/12, ML3.9/1, MS3.4/7, Ms1 3.4/7, ms1mx3.1/36, Error ellipse: s-maj=36.2km s-min=16.0km az=137.0

IDC 05 23:23:27.0-0.9, 2.47S, 0.2x179.74E, h542km, 14km, mb4.1/15, Error ellipse: s-maj=24.5km s-min=8.3km az=181.0

IDC 05 23:23:27.2-5.3, 2.47S, 179.75E, h528km, 58km, mb3.4/7, mb1 3.6/8, mb1mx3.2/46, mbtmp4.3/8, Error ellipse: s-maj=35.1km s-min=28.5km az=23.0

NEIC 05 23:10:48.3-1.9, 1.753S, 0.09x173.55W, h0.9, h7km, 4km, mb4.4/12, Error ellipse: s-maj=13.2km s-min=11.3km az=145.0

IDC 05 23:23:27.0-0.9, 2.47S, 0.2x179.74E, h542km, 14km, mb4.1/15, Error ellipse: s-maj=24.5km s-min=8.3km az=181.0

IDC 05 23:23:27.2-5.3, 2.47S, 179.75E, h528km, 58km, mb3.4/7, mb1 3.6/8, mb1mx3.2/46, mbtmp4.3/8, Error ellipse: s-maj=35.1km s-min=28.5km az=23.0

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

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

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

IDC 05 23:28:40.2-0.7, 2.56S, 138.39E, h0km, mb4.2/10, mb1 4.3/14, mb1mx4.1/36, mbtmp4.2/14, ML4.0/4, MS3.6/10, Ms1 3.6/10, ms1mx3.3/25, Error ellipse: s-maj=22.1km s-min=11.7km az=90.0

IDC 05 23:28:45.2-0.4, 2.59S, 0.05x138.32E, h0.05, h32km, n77, s=156.74, mb4.4/22, MS3.9/7, lrian Jay region

HVO 05 23:29:57.0-3.0, 3.1935N, 0.02x155.22W, h0km, 2km, ML3.0/44, Error ellipse: s-maj=3.0km s-min=2.4km az=196.0, Hawaiian Islands

ML2.9/170, Error ellipse: s-maj=4.3km s-min=1.9km az=120.0
SCEDC 06 00:00:38.9, 33.16N, 116.47W, h15km
NEIC 06 00:00:38.6-1.0, 33.16N, 0.02-116.46W, 0.04, h13km, 3km,
Error ellipse: s-maj=4.9km s-min=1.4km az=116.0,
Southern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BORC Borrego Spring, MONP2 Monument Peak, etc.

Table with columns: IR2C Iron Canyon, EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, GSC Goldstone, Bar, GSC Goldstone, Bar, GSC Goldstone, Bar, etc.

IDC 06 00:15:53.4:13.0, 18.36N:144.43E, h0km, mb3.5/4, mb1 3.3/4, mb1mx3.4/3.1, mbtmsp3.5/4, Error ellipse: s-maj=417.6km s-min=61.6km az=30.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like ZALV Zalesovo Beam, MKAR Makanchi Array, YKA Yellowknife Ar, etc.

IDC 06 00:23:39.2:1.9, 23.62S:67.11W, h176km, 26km, mb1 3.3/4, mb1mx3.1/2.6, mbtmsp3.8/4, Error ellipse: s-maj=37.8km s-min=24.2km az=141.0

ISC 06 00:23:39.6:1.2, 23.65S:01.673W, 0.1, h196km, n6, r1207.1, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like LVC Limon Verde, LVC Limon Verde, LPAZ La Paz, etc.

MAN 06 00:31:08.3:1.4, 19.2N:120.14E, h63km, MS3.2, IDC 06 00:31:09.5:0.7, 14.85N:120.48E, h106km, 8km, mb3.7/10, mb1 3.8/10, mb1mx3.5/4.7, mbtmsp4.0/10, MS2.6/2, Ms1 2.6/2, ms1mx2.3/3.4, Error ellipse: s-maj=31.3km s-min=14.8km az=68.0

NEIC 06 00:31:09.8:1.0, 14.80N:0.08-120.4E:0.2, h113km, 7km, mb4.2/20, Error ellipse: s-maj=27.7km s-min=8.5km

ISC 06 00:31:08.3:0.8, 14.85N:0.04-120.22E:0.08, h95km, 8km, n54, r136/63, mb4.2/20, 3C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SCYZ Santa Cruz, TGYP Tagaytay City, RCPH Palayan, etc.

Table with columns: BPAW comp=Z,3.2nm,1.0s, Iamb, Iamb, 00 42 47.6, RC01 Rabbit Creek A, 77.16 30 P P, 00 42 50.8 -0.6, etc.

NINC 06 00:41:27.5:13.0, 36.82N:70.04E, h126km, 209km, mb2.8, mpv3.3, Error ellipse: s-maj=118.9km s-min=71.7km az=175.0

IDC 06 00:41:27.2:2.0, 36.58N:70.36E, h230km, 130km, mb3.2/1, mb1 2.7/5, mb1mx2.5/4.9, mbtmsp3.5/5, Error ellipse: s-maj=224.8km s-min=52.5km az=179.0

ISC 06 00:41:28.3:2.4, 36.59N:0.2-70.3E:0.1, h200km, n10, r075/12, 3C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, etc.

PGC 06 00:44:39.8:0.7, 49.99N:130.20W, h10km, MLsN3.6/41, MW4.2/41.218km Wsw of Pt. Hardy, Bc Vancouver Island, Canada Region

NEIC 06 00:44:40.1:2.1, 50.02N:0.06-130.17W:0.1, h10km, 1km, Error ellipse: s-maj=12.5km s-min=8.9km az=238.0

IDC 06 00:44:42.1:0.7, 50.10N:129.67W, h0km, mb4.0/16, mb1 4.2/27, mb1mx4.1/5.2, mbtmsp4.0/27, ML3.7/11, MS3.7/30, Ms1 3.7/30, ms1mx3.6/4.2, Error ellipse: s-maj=15.4km s-min=8.4km az=67.0

GCMT 06 00:44:42.0:0.4, 49.93N:0.02-130.22W:0.03, h12km, MW4.7/94, Moment Tensor Solution, s8,c9; s94,c118; Duration: 0 Moment tensor: Scale 10^19Nm; M1=0.17z; 06; M2=0.17z; 05; M3=0.17z; 05; M4=0.17z; 05; M5=0.17z; 05; M6=0.17z; 05; M7=0.17z; 05; M8=0.17z; 05; M9=0.17z; 05; M10=0.17z; 05; M11=0.17z; 05; M12=0.17z; 05; M13=0.17z; 05; M14=0.17z; 05; M15=0.17z; 05; M16=0.17z; 05; M17=0.17z; 05; M18=0.17z; 05; M19=0.17z; 05; M20=0.17z; 05; M21=0.17z; 05; M22=0.17z; 05; M23=0.17z; 05; M24=0.17z; 05; M25=0.17z; 05; M26=0.17z; 05; M27=0.17z; 05; M28=0.17z; 05; M29=0.17z; 05; M30=0.17z; 05; M31=0.17z; 05; M32=0.17z; 05; M33=0.17z; 05; M34=0.17z; 05; M35=0.17z; 05; M36=0.17z; 05; M37=0.17z; 05; M38=0.17z; 05; M39=0.17z; 05; M40=0.17z; 05; M41=0.17z; 05; M42=0.17z; 05; M43=0.17z; 05; M44=0.17z; 05; M45=0.17z; 05; M46=0.17z; 05; M47=0.17z; 05; M48=0.17z; 05; M49=0.17z; 05; M50=0.17z; 05; M51=0.17z; 05; M52=0.17z; 05; M53=0.17z; 05; M54=0.17z; 05; M55=0.17z; 05; M56=0.17z; 05; M57=0.17z; 05; M58=0.17z; 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B009	North Saanich	4.51 106	Pn	Pn	00 45 49.8 +0.3
PA02	PA02 Ocean	4.51 106	Pn	Pn	00 45 50.0 +0.5
PGC	Sidney	4.51 106	Pn	Pn	00 45 49.9 +0.5
PGC	Sidney	4.51 106	Pn	Pn	00 45 50.0 +0.5
PA12	PA12 Sannich	4.51 106	Pn	Pn	00 45 50.0 +0.4
B011	North Saanich	4.51 106	Pn	Pn	00 45 49.7 +0.3
W5LR	Whistler	4.55 87	Pn	Pn	00 45 50.3 +0.2
UBRB	Upper Baetzako	4.63 50	Pn	Pn	00 45 52.7 +1.3
UBRB		4.63 50	Pn	Pn	00 46 46.0 +0.7
SNB	Saturna Island	4.64 104	Pn	Pn	00 45 52.4 +1.1
VGZ	Gonzales	4.67 109	Pn	Pn	00 45 51.1 -0.7
OSD	Olympic Snow	4.87 123	Pn	Pn	00 45 57.4 +0.2
NLWA	Neilton Lookout	4.87 121	Pn	Pn	00 45 55.2 +0.7
HNBB	Haney	4.88 97	Pn	Pn	00 45 55.6 +0.9
HNBB		4.88 97	Pn	Pn	00 46 50.9 -0.3
MCW	Mount Constitu	4.88 104	Pn	Pn	00 45 55.5 +0.8
ELN	Elm Mountain	5.05 112	Pn	Pn	00 46 57.4 +0.2
WISH	Wiskah	5.08 123	Pn	Pn	00 45 59.4 +1.9
HDW	Hoodsport	5.15 115	Pn	Pn	00 45 59.9 +1.0
LLL	Lillooet	5.22 81	Pn	Pn	00 45 59.2 -0.1
LLL	Lillooet	5.22 81	Pn	Pn	00 45 59.0 -0.3
D03D	Eldon	5.22 117	P	Pn	00 46 00.5 +1.1
	baz=300,SNR=6.1				
VDB	Vedder Mountain	5.24 99	Pn	Pn	00 46 00.3 +0.7
GNW	Green Mountain	5.36 115	Pn	Pn	00 46 02.5 +1.2
MBW	Mount Baker	5.44 101	Pn	Pn	00 46 03.4 +0.9
B05A	Bryant	5.49 106	Pn	Pn	00 46 04.2 +1.2
	baz=291				
E03A	Lebam	5.56 127	Pn	Pn	00 46 05.2 +1.2
HOPB	Hope	5.60 94	Pn	Pn	00 46 04.7 +0.2
CRA6	Craig	5.71 143	Pn	Pn	00 46 06.0 -0.7
B05A	Marblemount	5.73 102	Pn	Pn	00 46 06.7 -0.2
F03A	Seaside	5.93 132	Pn	Pn	00 46 13.9 +0.4
D05A	Enumclaw	6.04 116	Pn	Pn	00 46 12.5 +1.9
D05A	Enumclaw	6.04 116	Pn	Pn	00 46 11.0 +0.4
E04D	Cinebar	6.08 123	Pn	Pn	00 46 13.5 +2.4
	baz=307				
GPW	Glacier Peak	6.14 105	Pn	Pn	00 46 14.0 +1.8
C06D	Leavenworth	6.36 106	P	Pn	00 46 17.3 +2.3
	baz=292				
FMW	Mount Fremont	6.36 117	Pn	Pn	00 46 16.1 +0.8
LON	Longmire	6.39 118	Pn	Pn	00 46 17.0 +1.6
LON	Longmire	6.39 118	Pn	Pn	00 46 18.0 +0.4
WRAK	Wrangell Island	6.50 348	Pn	Pn	00 46 17.0 +0.2
F04A	Amboy	6.56 126	Pn	Pn	00 46 18.6 +0.8
PNT	Penticton	6.77 93	Pn	Pn	00 46 21.4 +0.7
LTY	Liberty	6.79 111	Pn	Pn	00 46 22.7 +1.8
LTY	Liberty	6.79 111	Pn	Pn	00 46 21.9 +0.9
F05D	White Salmon	7.10 123	P	Pn	00 46 29.7 +4.5
	baz=308				
COR	Corvallis	7.14 138	Pn	Pn	00 46 21.8 -3.8
B08A	Colville Reser	7.19 100	Pn	Pn	00 46 26.8 +0.4
B08A	Colville Reser	7.19 100	Pn	Pn	00 46 26.3 -0.1
H04D	Lebanon	7.43 136	P	Pn	00 46 33.6 +3.9
	baz=320				
H04A	Detroit Lake	7.57 133	Pn	Pn	00 46 29.8 -1.8
MNB	Mounoet Dainar	7.60 69	Pn	Pn	00 46 32.3 +0.2
G05D	Wamic, OR	7.60 126	P	Pn	00 46 35.4 +3.4
	baz=312				
BMBC	Bull Mountain	7.61 35	Pn	Pn	00 46 34.0 +1.8
SLEB	Sale Mountain	7.62 77	Pn	Pn	00 46 33.4 +1.0
E07A	Sunnyside	7.62 114	Pn	Pn	00 46 31.5 -0.8
SIT	Sitka	7.67 338	Pn	Pn	00 46 30.7 -2.1
F07A	Phinny Hill Vi	7.76 118	Pn	Pn	00 46 37.6 +0.9
NBCA	NorthernBC 4	7.85 82	Pn	Pn	00 46 42.1 +1.8
E08A	Dider Farm, El	8.13 112	Pn	Pn	00 46 39.1 -0.2
I04A	Tendick Farm, E	8.15 138	Pn	Pn	00 46 41.4 +1.7
	baz=322				
DLBC	Dease Lake	8.36 360	Pn	Pn	00 46 44.2 +1.7
	0.9nm,0.3s,ba=207,slow=13,SNR=18				
DLBC		8.36 360	Pn	Pn	00 48 18.2 +1.3
	0.2nm,0.3s,ba=198,slow=20,SNR=1.2				
DLBC	Dease Lake	8.36 360	Pn	Pn	00 46 44.2 +1.7
DLBC	Dease Lake	8.36 360	Pn	Pn	00 46 42.9 -1.7
JIS	Juneau Island	8.36 344	Pn	Pn	00 46 44.8 -0.8
NBCS	NorthernBC 5	8.61 27	Pn	Pn	00 46 47.1 +1.3
NEW	Newport	8.63 97	Pn	Pn	00 46 45.9 -0.2
	1.0nm,0.3s,ba=294,slow=1.9,SNR=12				
NEW	Newport	8.63 97	Pn	Pn	00 46 46.6 +0.5
	baz=286,SNR=12				
NEW	Newport	8.63 97	Pn	Pn	00 46 45.5 -0.6
E09A	Wood Farm, Sta	8.67 110	Pn	Pn	00 46 44.2 -2.4
J04D	Umpqua Nationa	8.73 139	P	Pn	00 46 51.6 +3.9
	baz=323				
PINE	Pine Mountain	8.83 132	Pn	Pn	00 46 48.0 -1.0
G08A	Pilot Rock	8.85 119	Pn	Pn	00 46 48.5 -0.8
HUMO	Hull Mountain	8.92 144	Pn	Pn	00 46 46.6 -3.5
BESE	Bessie Mountai	8.96 343	Pn	Pn	00 46 49.5 -1.2
J05D	Fort Rock, OR	9.08 135	P	Pn	00 46 56.1 +3.6
	baz=321,SNR=10				
I07A	Ize	9.34 126	Pn	Pn	00 46 53.3 -2.6
F10A	Beach Ranch, E	9.49 111	Pn	Pn	00 46 57.5 -0.5
KRMB	Red Mountain	9.56 151	Pn	Pn	00 46 55.2 -3.8
FNB5	Fort Nelson	9.70 22	Pn	Pn	00 47 01.6 +0.9
YBH	Yreka Bltue Hor	9.77 164	Pn	Pn	00 47 04.1 +2.2
	0.1nm,0.3s,ba=342,slow=8.7,SNR=11				
YBH		9.77 164	LR	LR	00 50 22.6
	comp=Z,713nm,19.1s,ba=330,slow=35				
YBK	Skagway	9.86 344	Pn	Pn	00 47 00.7 -1.2
SKAG	Skagway	9.86 344	Pn	Pn	00 47 03.0 -0.1
NBC6	NorthernBC 6	9.89 27	Pn	Pn	00 47 05.0 +1.8
M02C	Callahan	10.02 148	P	Pn	00 47 08.9 +3.6
	baz=332				
BMO	Blue Mountains	10.05 117	Pn	Pn	00 47 05.7 0.0
JCC	Jacoby Creek	10.17 154	Pn	Pn	00 47 07.4 +0.2
DHAK	Deception Hill	10.19 335	Pn	Pn	00 47 07.2 -0.3
KHMM	Horse Mountain	10.21 152	Pn	Pn	00 47 08.7 +0.9
BSMT	Bassoo Peak	10.24 97	P	Pn	00 47 08.0 -0.4
J08A	Circle Bar Ran	10.38 126	Pn	Pn	00 47 10.3 +0.2
N02D	Trinity Center	10.45 148	Pn	Pn	00 47 15.4 +4.3
	baz=333				
WALA	Wateron Lakes	10.49 89	P	Pn	00 47 11.4 -0.4
WALA	Wateron Lakes	10.49 89	P	Pn	00 47 11.6 -0.2
MODC	Modoc Plateau	10.60 137	Pn	Pn	00 47 11.4 -1.8
JTMT	Jette	10.60 97	Pn	Pn	00 47 11.3 -1.9
JTMT	Jette	10.60 97	Pn	Pn	00 47 12.0 -1.0
NBC2	NorthernBC 2	10.61 21	P	Pn	00 47 16.8 +3.6
FBMT	Ferry Basin	10.62 99	Pn	Pn	00 47 13.8 +0.3
KMRM	Mail Ridge	10.81 153	Pn	Pn	00 47 13.7 -2.5
WDC	Whiskeytown Da	10.85 148	Pn	Pn	00 47 14.1 -2.4
WHY	Whitewater	10.95 347	Pn	Pn	00 47 18.2 +0.3
WHY	Whitewater	10.95 347	Pn	Pn	00 47 18.2 +0.3
WVOR	Wild Horse Val	10.96 130	Pn	Pn	00 47 19.2 +1.0
O02D	Mt. Diablo Mer	11.13 150	P	Pn	00 47 25.1 +4.6
	baz=334				
MSO	Missoula	11.14 101	P	Pn	00 47 21.2 +0.6
	baz=292				
MSO	Missoula	11.14 101	Pn	Pn	00 47 20.3 -0.3
SLMT	Seeley Lake	11.27 98	Pn	Pn	00 47 23.0 +0.6
HILA	High Level	11.35 37	P	Pn	00 47 22.8 -0.5
KCPM	Caino Peak	11.35 154	Pn	Pn	00 47 21.4 -2.1
O03E	Paynes Creek	11.36 146	P	Pn	00 47 26.9 +3.3
	baz=332				
HYT	Haines Junctio	11.56 341	Pn	Pn	00 47 26.0 -0.3
MFID	Camas Ranch	11.78 119	Pn	Pn	00 47 27.8 -1.5
ORV	Oroville	12.13 147	Pn	Pn	00 47 32.6 -1.4
BEKR	Beckworth	12.35 347	Pn	Pn	00 47 34.7 +0.5
GDXM	Geyzers	12.39 153	Pn	Pn	00 47 35.7 -2.0
LRM	Limekiln Ridge	12.50 103	Pn	Pn	00 47 38.1 -1.2
CTGM	Chitina Glacie	12.62 334	Pn	Pn	00 47 38.6 -2.2
MCMT	McKenzie Canyo	12.73 108	Pn	Pn	00 47 42.5 0.0
BARN	Barnard Glacie	12.77 142	Pn	Pn	00 47 42.2 -0.4
PAHR	Path Ran Range	12.80 140	Pn	Pn	00 47 44.7 +1.3
AFDM	Forest Hills D	12.85 147	Pn	Pn	00 47 43.1 -0.8
TGL	Tana Glacier	12.91 331	Pn	Pn	00 47 43.2 -1.4
BALM	Baldy	12.98 332	Pn	Pn	00 47 46.0 +0.3
CROM	Cirque	13.01 330	Pn	Pn	00 47 44.9 -1.2
VCNR	Virginia City	13.12 142	Pn	Pn	00 47 45.6 -1.1
RUBR	Rubicon Trail	13.06 144	Pn	Pn	00 47 44.1 -2.9
PNTR	Pine Nut	13.24 142	Pn	Pn	00 47 48.6 -0.8
EGMT	Eagleton	13.43 91	Pn	Pn	00 47 54.7 +2.9
	baz=286,SNR=11				
YERR	Yerington	13.47 141	Pn	Pn	00 47 52.5 -0.1
TPMT	Tepee Creek	13.51 106	P	Pn	00 47 55.3 +2.2
QLMT	Earthquake Lak	13.60 106	Pn	Pn	00 47 54.5 +0.2
YHL	Hebgen Lake	13.74 105	Pn	Pn	00 47 56.0 -0.3
YHB	Horse Butte	13.79 106	Pn	Pn	00 47 57.7 +0.8
WAK	Walker	13.81 143	Pn	Pn	00 47 55.2 -2.0
CMB	Columbia Colle	13.87 147	Pn	Pn	00 47 56.4 +1.1
KVN	Kaiserville	13.89 138	Pn	Pn	00 47 57.7 -0.6
ELK	Elko	13.93 127	Pn	Pn	00 48 00.8 +2.0
	0.1nm,0.3s,ba=312,slow=14,SNR=4.5				

ELK		14.27 100	LR	LR	00 53 16.3
	comp=Z,301nm,19.5s,ba=316,slow=37				
ELK	Elko	13.93 127	Pn	Pn	00 47 58.6 -0.2
FID	Fort Fidalgo	14.15 325	Pn	Pn	00 48 00.5 -1.0
GCMT	Greyfloat	14.27 100	Pn	Pn	00 48 03.2 -0.2
NVAR	Norway Bay	14.33 140	Pn	Pn	00 48 06.5 -5.0
	0.1nm,0.3s,ba=318,slow=13,SNR=9.7				
NVAR		14.33 140	LR	LR	00 53 04.4
	comp=Z,218nm,19.9s,ba=144,slow=35				
NVAR	Norway Bay	14.33 342	P	Pn	00 48 06.2 +1.9
H17A	Grant Village	14.35 106	P	Pn	00 48 07.3 -4.4
	baz=300,SNR=11				
BCAR	Beaver Creek A	14.40 338	P	Pn	00 48 07.7 +1.3
HLMT	Hansel Valley	14.55 118	Pn	Pn	00 48 09.0 +1.7
RLMT	Red Lodge	14.82 102	P	Pn	00 48 14.6 -2.3
	baz=297,SNR=12				
DAWY	Dawson	14.89 344	Pn	Pn	00 48 11.0 -0.6
YKA	Yellowknife Ar	15.02 28	Pn	Pn	00 48 11.6 -1.7
	0.3nm,0.3s,ba=223,slow=12,SNR=26				
YKA		15.02 28	Sn	Sn	00 50 49.9 -10
	comp=Z,185nm,18.5s,ba=20,slow=39				
SPUT	South Promont	15.05 119	P	Pn	00 48 16.3 -3.1
YKWS	Yellowknife Ar	15.07 28	P	Pn	00 48 12.8 -1.2
KNK	Knik Glacier	15.31 325	Iamb	Iamb	00 48 18.7 -3.4
KNK		15.31 325	Iamb	Iamb	00 48 27.8
	comp=Z,37nm,1.0s				
HWUT	Hardware Ranch	15.36 117	P	Iamb	00 48 18.4 +0.3
HWUT		15.36 117	Iamb	Iamb	00 48 28.5
	comp=Z,230nm,1.1s				
CNPM	China Pool	15.40 316	Pn	Pn	00 48 16.4 -2.0
CNPM		15.40 316	Iamb	Iamb	00 48 27.3
	comp=Z,17nm,1.0s				
R11A	Troy Canyon, C	15.60 133	P	P	00 48 22.5 -3.1
	baz=323,SNR=7.2				
R11A	Troy Canyon, C	15.60 133	P	Pn	00 48 18.6 -2.7
DUG	Dugway, Tooele	15.61 123	P	Pn	00 48 22.6 -3.0
	baz=323,SNR=7.2				
DUG	Dugway, Tooele	15.61 123	Iamb	Iamb	00 48 29.0
	comp=Z,59nm,1.3s				
GHO	Glory Hole Cre	15.72 325	Pn	Pn	00 48 21.3 -1.3
TCUT	Toone Canyon	15.76 118	P	Pn	00 48

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MIPR, PEA0B, PETK, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like TIXI, TIXI, TIXI, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BUR08, GERE5, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other parameters. Includes stations like IUG, IUG, IUG, etc.

NIC 06 04:23:15.0 0.0, 35.23N:27.11E, h0km, 3km, M13.7/4
DDA 06 04:23:15.1 0.0, 35.23N:26.89E, h30km, 3km, ML3.0
IDC 06 04:23:16.6 2.3, 35.70N:27.03E, h0km, mb3.3/1, mb1.3/3, mb1mx3.1/39, mbtmp3.1/3, ML3.2/2, Error ellipse: s-maj=61.8km s-min=20.3km az=160.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other parameters. Includes stations like KARP, KARP, KARP, etc.

comp=Z,10nm,1.0s,baz=101,slow=4.7,SNR=3.6

IDC 06:05:36.41.6:1.1,38:13S:93:79W,h0km,mb4.2/8, mb1 4.4/9,mb1mx4.2/24,mbtmp4.2/9,ML3.1/1,MS4.0/16, Ms1 4.0/16,ms1mx3.9/22,Error ellipse: s-maj=29.7km s-min=27.2km az=70.0

GCMT 06:05:36.42.2:0.3,37:99S:0:04:93:93W,0:02,h13km,1km, MW4.8/62,Moment Tensor Solution, s23,c30, s82,c104, Duration: 0 Moment tensor: Scale 10^16Nm: M=2.01e-15; Mw=0.07e; 10; Mw2.08e; 11; Mw1.15e; 32; Mw=0.10e; Mw=0.40e; 21; Best double couple: M=2.35400e-16; NP1=99.333,00000; s46.00000; lambda=126.00000; NP2: s=199.00000; s85.00000; lambda=59.00000; Principal axes: T 2.1220,Plg5.0000; Azm268.0000; N 0.4650, Plg25.0000; Azm0.0000; P -2.5860,Plg65.0000; Azm167.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 06:05:36.44.2:1.8,38:1S:0:1x93:7W:0:2,h10km,1km, mb4.5/34 Error ellipse: s-maj=28.6km s-min=19.5km az=70.0

ISC 06:05:36.43.9:0.8,38:1S:0:1x93:7W:0:1,h10km,n63, s0914/47,mb4.5/17,MS4.1/18,West Chile Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their coordinates and phases.

ellipse: s-maj=1.4km s-min=0.7km az=258.0 ATH 06:05:58.53.2,38:20N:20:40E,h12km,1km,ML2.6/6,Error ellipse: s-maj=1.8km s-min=1.0km az=237.0

ISC 06:05:58.53.3:0.3,38:20N:0:03:20:39E,0:04,h12km,4km, n42,s0557/3,Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their coordinates and phases.

MKAR 0.9nm,0.6s,baz=67,slow=5.3,SNR=9.5 PcP 06:31.0 -1.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their coordinates and phases.

MEX 06:06:27.38.3:0.6,13:58N:92:33W,h60km,44km,MD4.2 GCG 06:06:27.43.0:0.3,13:93N:92:46W,h18km,16km,MD3.9

ISC 06:06:27.41.9:2.7,13:8N:2:02:92:63W,0:10,h46km,n8, s1945/12,Off coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their coordinates and phases.

NIED 06:06:33.00,24:60N,123:50E,h5km,Mw4.1 Best double couple: M=1.57000e1015 NP1=s260.00000; s60.00000; lambda=132.00000; NP2=s140.00000; s60.00000; lambda=141.00000

IDC 06:06:33.1:6:1.0,24:67N:123:84E,h0km,mb3.5/6, mb1 3.7/6,mb1mx3.4/48,mbtmp3.5/6,MS3.8/M3.3/2.8, ms1mx2.9/39,Error ellipse: s-maj=51.0km s-min=20.2km az=72.0

JMA 06:06:33.13.7:0.1,24:61N:123:49E,h8km,3km,M3.9 JMA Felt I J1

ISC 06:06:33.12.6:1.8,24:62N:108:123:44E,0:05,h11km,14km, n23,s078/22,MS3.3/3.7,MS3.3/3.7,Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their coordinates and phases.

Table with columns: Station Name, Az, Phase, ID, Time, Res, and various station codes (RUS, KRM, etc.). Includes station names like Russkaya, Karymshinskij, and various array names like Mankanchi Array.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station codes (SHL, BRDH, etc.). Includes station names like Shillong, Bariadhala, and various array names like Mankanchi Array.

Table with columns: Station Name, Az, Phase, ID, Time, Res, and various station codes (MK31, MK31, etc.). Includes station names like Mankanchi Array, Mankanchi Array, and various array names like Mankanchi Array.

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

UCR 06:07:14.1±1.3, 9.56N-84.89W, h21km, 4km, MD3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Costa Rica, SRA1, HDC, Heredia, etc.

NEIC 06:07:40.5±1.8, 5.10S:0.10x147.4E:0.1, h175km, 11km, mb4.3/12, Error ellipse: s-maj=21.3km s-min=13.8km az=93.0

IDC 06:07:40.9±6.4, 5.08S:147.08E, h160km, 67km, mb3.7/3, mb1.3/6, mb1mx3.4/3, mbmtmp4.2/6, Error ellipse: s-maj=99.6km s-min=27.4km az=138.0

ISC 06:07:41.4±0.9, 5.24S:0.09x147.4E:0.2, h175km, n23, s=126/26, mb4.2/5, Eastern New Guinea region

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

NEIC 06:07:10.41±0.9, 20.27S:0.793W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mr=3.80, Mw=3.63, Mw=0.18, Ms=3.38, Mw=0.91, Mw=6.82, Fault plane solution: Ms=5.20000x10^14, NP1=36.420000, s=78.940000, λ=75.430000, NP2=268.00000, λ=18.220000, λ12=17.0000, Principal axes: T 2.2917, Plg5.0000, Azm287.0000; N -1.8472, Plg14.0000, Azm37.0000; P -7.4445, Plg32.0000, Azm137.0000

IDC 06:07:10.41±0.9, 20.27S:0.793W, h8km, mb3.6/6, mb1.4/8, mb1mx3.9/21, mbmtmp4.8/6, ML4.1/2, MS3.0/6, Ms1.3/0.6, ms1mx2.7/22, Error ellipse: s-maj=31.3km s-min=14.7km az=59.0

GUC 06:07:10.43±0.8, 20.30S:0.793W, h36km, 7km, ML3.7, ISC 06:07:10.40±1.7, 20.28S:0.03x70.83W:0.06, h2km, 10km, n61, s=140/64, mb3.9/7, MS3.1/3, 6D, Near coast of northern Chile

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TA01, PATCX, Punta Patache, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB15, IPOC Station P, IPOC Station P, etc.

NEIC 06:07:18.24±0.8, 8.5S:0.1x119.76E:0.07, h168km, 16km, mb4.0/6, Error ellipse: s-maj=17.6km s-min=9.4km az=194.0

DJA 06:07:18.24±0.5, 9.5S:6.1x119.76E:0.07, h172km, 9km, M3.7/7, mb4.0/2, MLV3.5/7, MLV3.6/2

IDC 06:07:18.25±1.3, 8.22S:119.90E, h194km, 32km, mb3.3/3, mb1.3/4.6, mb1mx3.1/47, mbmtmp3.8/6, Error ellipse: s-maj=99.6km s-min=15.3km az=62.0

ISC 06:07:18.23±0.7, 8.46S:0.05x119.76E:0.05, h172km, n26, s=127/34, mb4.2/3, Fates region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WBSI, Waikabubak, Su, Basi, Baing, Sumba, etc.

SOEI 0.4nm, 0.3s, baz=76, slow=20, SNR=1.9

SOEI 0.4nm, 0.3s, baz=76, slow=20, SNR=1.9

SOEI 0.4nm, 0.3s, baz=76, slow=20, SNR=1.9

SOEI 0.4nm, 0.3s, baz=76, slow=20, SNR=1.9

SOEI 0.4nm, 0.3s, baz=76, slow=20, SNR=1.9

SOEI 0.4nm, 0.3s, baz=76, slow=20, SNR=1.9

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

IDC 06:07:23.09±3.1, 5.93S:151.04E, h0km, mb3.9/6, mb1.4/3.8, mb1mx3.9/35, mbmtmp4.1/8, ML1.6/1, MS3.4/12, Ms1.3/4.12, ms1mx3.1/34, Error ellipse: s-maj=38.1km s-min=22.3km az=123.0

DJA 06:07:23.1±2.0, 2.01S:4.4x15.1E:1.1, h22km, 16km, M4.4/8, mb67.1/1, mb4.2/8, MLV4.5/2, Mw(MB)7.0/1

ISC 06:07:23.11±1.2, 9.55S:0.2151E:0.1, h13km, n18, s=272/171, mb3.9/7, MS3.4/8, D-Entrecasteaux Islands region

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

IDC 06:07:36.5±1.1, 1.9, 20.82S:70.66W, h0km, mb3.5/3, mb1.3/9.6, mb1mx3.7/22, mbmtmp3.8/6, ML3.9/3, MS2.7/3, Ms1.2/7.3, ms1mx2.5/19, Error ellipse: s-maj=42.0km s-min=16.0km az=56.0

NEIC 06:07:36.53±7.2, 20.88S:70.68W, h24km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mr=5.46, Mw=0.33, Mw=5.14, Mw=0.28, Mw=1.91, Mw=5.22, Fault plane solution: Ms=6.99000x10^14, NP1=16.32622000, s=26.180000, λ=63.160000, NP2=175.640000, λ=102.520000, Principal axes: T 7.7242, Plg66.0000, Azm108.0000; N -0.0685, Plg11.0000, Azm351.0000; P 6.6557, Plg1.0000, Azm256.0000

NEIC 06:07:36.53±5.8, 20.88S:70.68W, h24km, 2km, mb3.9/1, Mw=3.948, ML4.0(GUC), Error ellipse: s-maj=7.4km s-min=5.6km az=69.0

GUC 06:07:36.54±1.0, 20.83S:70.65W, h33km, 3km, ML4.0, ISC 06:07:36.52±0.2, 20.85S:0.03x70.72W:0.06, h10km, 14km, n42, s=673/48, mb3.6/3, 3C-6D, Near coast of northern Chile

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

PETK	Petrovsk-Petrovsk-Glamis	76.31 343	P	P	08 25 46.8	-0.1
PETK	Petrovsk-Glamis	76.31 343	P	P	08 25 46.8	-0.1
GLA	comp-Z,8.0nm,1.0s	76.38 48	P	P	08 25 48.3	+0.5
WAKR	Walker	76.55 41	P	P	08 25 49.9	+1.0
YBH	Yreka Blue Hor	76.69 37	P	P	08 25 49.6	+0.2
YBH	comp-Z,18nm,1.4s	76.69 37	P	P	08 25 49.6	+0.2
PNTR	comp-Z,18nm,1.4s	76.81 40	P	P	08 25 48.5	-1.9
PNTR	Pinut Nut	76.81 40	P	P	08 25 51.3	
YSS	Yuzh-Sakhalins	76.85 331	eP	P	08 25 50.7	+0.7
YSS		77.21 41	P	P	08 25 56.5	
113A	Mohawk Valley	76.96 48	P	P	08 25 51.0	-0.1
CISI	Cisompet, Garu	77.00 266	P	P	08 25 49.8	-2.0
214A	Organ Pipe Nat	77.20 49	P	P	08 25 52.2	-0.3
NVAR	Mina Array Bea	77.21 41	P	P	08 25 52.2	-0.4
NVAR	comp-Z,3.6nm,0.5s,baz=221,slow=12,SNR=4.7		LR	LR	08 55 00.2	
NVAR	comp-Z,667nm,18.2s,baz=205,slow=32		LR	LR	08 25 53.4	+0.9
NVAR	Lembarng	77.41 267	LR	LR	09 00 40.9	
KSM	Kuching	77.57 276	P	P	08 25 55.2	+0.3
Y14A	Wickenburg	78.13 48	P	P	08 25 58.3	+0.6
MOD	Hualapai Mount	78.13 48	P	P	08 25 58.3	+0.6
MOD	Modoc Plateau	78.17 38	P	P	08 26 09.2	
DBJI	Dramaga	78.32 267	P	P	08 25 59.9	+0.8
TUC	Tucson	78.85 50	P	P	08 26 02.1	+0.5
TUC	comp-Z,13nm,1.3s	78.85 50	P	P	08 26 02.1	+0.5
TUC	Tucson	78.85 50	P	P	08 26 02.1	+0.5
KSR5	Korea Array	78.93 316	P	P	08 26 03.9	+2.0
KSR5	comp-Z,8.1nm,1.0s,baz=134,slow=6.0,SNR=18		LR	LR	08 56 36.4	
PINE	Pine Mountain	79.02 36	P	P	08 26 03.2	+0.7
PINE	comp-Z,26nm,1.3s	79.02 36	P	P	08 26 15.1	
319A	Do Mias	79.47 52	P	P	08 26 05.6	+0.4
L16A	Lo Mia Camp	79.48 48	P	P	08 26 05.4	+0.2
LCMT	Little Creek M	79.65 45	P	P	08 26 06.8	+0.8
CCUT	Cedar Cut	79.87 44	P	P	08 26 07.3	0.0
NLWA	Neilton Lookou	79.88 32	P	P	08 26 08.4	+1.6
KNB	Kanab	79.94 45	P	P	08 26 08.3	+0.7
KNB	comp-Z,22nm,1.5s	79.94 45	P	P	08 26 08.3	+0.7
U15A	North Rim	79.97 46	P	P	08 26 07.5	-0.5
SZCU	Shurtz Canyon	80.08 44	P	P	08 26 08.8	+0.4
HPIG	Hopewell	80.11 57	P	P	08 26 09.2	+0.4
WUAZ	Wupatki	80.11 47	P	P	08 26 08.5	-0.1
PPBI	Pangal Pinang	80.30 271	P	P	08 26 12.0	+2.1
USRK	Ussuriysk Ar.	80.48 324	P	P	08 26 10.4	+0.3
USRK	comp-Z,4.1nm,0.9s,baz=94,slow=8.0,SNR=7.3		LR	LR	08 57 22.6	
USRK	comp-Z,784nm,20.7s,baz=123,slow=32		LR	LR	08 57 22.6	
KASI	Kota Agung	80.77 267	P	P	08 26 12.4	0.0
ZAIG	Zacatecas	80.79 62	P	P	08 26 13.1	+0.4
WTFU	Mount Pierson	80.92 44	P	P	08 26 13.9	+0.8
W18A	Petrified Fore	81.05 48	P	P	08 26 14.1	+0.4
G08A	Pilot Rock	81.06 36	P	P	08 26 13.4	0.0
121A	Cookes Peak, D	81.15 51	P	P	08 26 14.3	0.0
121A	comp-Z,20nm,1.3s	81.15 51	P	P	08 26 33.4	
MSU	Marysvalle	81.18 44	P	P	08 26 14.7	+0.4
MSU	Marysvalle	81.18 44	P	P	08 26 14.7	+0.4
SVW2	Sparrevohn	81.37 9	P	P	08 26 15.0	+0.5
HAWA	Hanford	81.45 34	P	P	08 26 15.3	0.0
BMO	Blue Mountains	81.71 37	P	P	08 26 17.4	+0.6
BMO	comp-Z,14nm,1.4s	81.71 37	P	P	08 26 17.4	+0.6
Q16A	Castle Valley	82.06 44	P	P	08 26 18.8	-0.1
TMUT	Trail Mountain	82.24 44	P	P	08 26 19.8	-0.2
F10A	Beach Ranch, E	82.44 36	P	P	08 26 20.0	-0.6
F10A	comp-Z,17nm,1.3s	82.44 36	P	P	08 26 32.4	
GRNR	Gornyy	82.50 331	iP	P	08 26 21.8	+1.1
GRNR	comp-Z,20nm,1.2s	82.50 331	iP	P	08 26 21.8	+1.1
NJ2	Nanjing	82.51 308	eP	P	08 26 22.9	+1.8
NJ2	comp-Z,18nm,0.5s	82.51 308	eP	P	08 26 22.9	+1.8
MNTX	Cornudas Mount	82.54 53	P	P	08 26 21.7	+0.4
MNTX	comp-Z,27nm,1.4s	82.54 53	P	P	08 26 33.2	
SPUT	South Promonto	82.55 42	P	P	08 26 22.0	+0.6
SRU	San Rafael Swe	82.59 44	P	P	08 26 22.6	+0.9
SRU	comp-Z,20nm,1.3s	82.59 44	P	P	08 26 22.6	+0.9
P17A	Butcher Ranch	82.64 44	P	P	08 26 22.7	+0.8
FID	Port Fidalgo	82.66 13	P	P	08 26 21.0	-0.3
FID	comp-Z,34nm,1.5s	82.66 13	P	P	08 26 34.0	
TX31	Lajitas Ar. Si	82.77 56	P	P	08 26 23.5	+0.8
TX31	comp-Z,28nm,1.4s	82.77 56	P	P	08 26 34.7	
TX32	Lajitas Array	82.77 56	P	P	08 26 23.5	+0.8
TX32	comp-Z,29nm,1.4s	82.77 56	P	P	08 26 34.7	
TXAR	Lajitas Array	82.77 56	P	P	08 26 22.4	-0.2
TXAR	comp-Z,5.1nm,1.1s,baz=217,slow=3.1,SNR=26		LR	LR	08 57 26.9	
TXAR	comp-Z,281nm,18.1s,baz=0.0,slow=32		LR	LR	08 26 23.0	+0.3
TXAR	Lajitas Array	82.77 56	P	P	08 26 23.0	+0.3
TXAR	Jordanelli	82.79 43	P	P	08 26 23.4	+0.5
GAMB	Gambell	82.80 1	P	P	08 26 22.0	+0.2
GAMB	comp-Z,13nm,1.2s	82.80 1	P	P	08 26 23.5	
B08A	Colville Reser	82.81 33	P	P	08 26 20.9	-1.5
KNK	Knik Knier	82.87 37	P	P	08 26 22.4	+0.1
PMR	Palmer	82.90 11	P	P	08 26 22.4	+0.1
PMR	comp-Z,26nm,1.3s	82.90 11	P	P	08 26 22.4	+0.1
PMR	Palmer	82.90 11	P	P	08 26 22.4	+0.1
DLV	T Lat	82.95 285	P	P	08 26 21.6	-2.4
TTA	Tatalina	83.08 8	P	P	08 26 23.9	+0.4
TTA	Tatalina	83.08 8	P	P	08 26 23.9	+0.4
TCUT	Toone Canyon	83.11 11	P	P	08 26 24.4	+0.1
GHO	Glory Hole Cre	83.11 11	P	P	08 26 23.8	+0.1
GHO	comp-Z,19nm,1.0s	83.11 11	P	P	08 26 34.4	
PV09	Paradox Valley	83.20 45	P	P	08 26 25.5	+0.5
PV17	East Wray Mesa	83.20 46	P	P	08 26 24.7	+0.3
PV17	comp-Z,34nm,1.5s	83.20 46	P	P	08 26 36.7	
PV19	Morning Glory	83.20 46	P	P	08 26 24.2	-0.7
PV19	comp-Z,20nm,1.2s	83.20 46	P	P	08 26 43.5	
PV14	Lion Creek, Pa	83.21 46	P	P	08 26 24.4	-0.6
PV14	comp-Z,20nm,1.2s	83.21 46	P	P	08 26 37.5	
PV18	Skein Mesa, Pa	83.22 46	P	P	08 26 25.6	+0.6
PV18	comp-Z,29nm,1.5s	83.22 46	P	P	08 26 27.2	
PV20	West Nyswonger	83.23 46	P	P	08 26 24.4	-0.6
PV20	comp-Z,18nm,1.2s	83.23 46	P	P	08 26 36.8	
PV13	Radium Mtn., P	83.24 46	P	P	08 26 25.3	+0.2
PV16	Nyswonger Mesa	83.25 46	P	P	08 26 25.2	0.0
PV16	comp-Z,20nm,1.4s	83.25 46	P	P	08 26 37.8	
PV23	Carpenter Ridg	83.26 45	P	P	08 26 25.6	+0.4

PV23	comp-Z,15nm,0.9s		Iamb	Iamb	08 26 43.8	
PV03	Paradox Valley	83.27 46	P	P	08 26 25.4	+0.2
PV03	comp-Z,29nm,1.5s	83.27 46	P	P	08 26 37.0	
ANMO	Albuquerque	83.29 50	eP	P	08 26 26.0	+0.6
ANMO	comp-Z,26nm,2.5s	83.29 50	eP	P	08 26 25.2	-0.2
ANMO	Paradox Valley	83.32 46	P	P	08 26 25.6	0.0
PV02	Paradox Valley	83.32 46	P	P	08 26 25.6	0.0
PV02	comp-Z,11nm,1.1s	83.32 46	P	P	08 26 28.4	
PV12	Saucer Basin,	83.33 46	P	P	08 26 25.6	0.0
PV12	comp-Z,14nm,1.4s	83.33 46	P	P	08 26 28.6	
PV21	Cone Mtn., Par	83.34 45	P	P	08 26 26.5	+0.8
PV21	comp-Z,13nm,1.0s	83.34 45	P	P	08 26 44.2	
PV01	Paradox Valley	83.39 46	P	P	08 26 25.9	0.0
PV01	comp-Z,26nm,1.5s	83.39 46	P	P	08 26 37.7	
PV22	Blue Mesa, Par	83.45 45	P	P	08 26 26.6	+0.5
PV07	Paradox Valley	83.50 46	P	P	08 26 25.5	+0.6
PV15	Paradox Valley	83.56 46	P	P	08 26 26.9	+0.1
PV15	comp-Z,24nm,1.3s	83.56 46	P	P	08 26 38.5	
KLR	Kul'dur	83.77 327	LR	LR	08 59 38.0	
KLR	Kul'dur	83.77 327	iP	P	08 26 28.9	+1.6
KLR	comp-Z,41nm,3.0s	83.77 327	iP	P	08 26 28.9	+1.6
ANM	Nome	83.81 3	P	P	08 26 27.9	+0.8
ANM	comp-Z,8.0nm,1.1s	83.81 3	P	P	08 26 27.9	+0.8
ANM	Gilahina Butte	83.86 14	P	P	08 26 27.7	+0.2
ANM	GLB	83.86 14	P	P	08 26 40.1	
BARN	Barnard Glacie	84.03 15	P	P	08 26 28.7	+0.2
CN2	Changchun	84.06 320	eP	S	08 26 10.1	-1.1
CN2	comp-Z,20nm,1.7s	84.06 320	eP	S	08 36 50.2	-1.6
CN2	comp-Z,300nm,7.8s		LR	LR	08 56 36.4	
CN2	comp-Z,250nm,18.0s		LR	LR	08 26 15.1	
CN2	comp-Z,410nm,18.0s		LR	LR	08 26 15.1	
MAW	Mawson	84.14 199	P	P	08 26 29.1	+0.1
MAW	comp-Z,7.3nm,0.9s,baz=118,slow=1.0,SNR=8.6	84.14 199	P	P	09 03 01.5	
MAW	Mawson	84.14 199	P	P	08 26 29.3	+0.4
MAW	comp-Z,3.0nm,1.1s	84.14 199	P	P	08 26 29.3	+0.4
MAW	AHID	84.18 41	P	P	08 26 29.3	+0.4
MAW	Auburn Hatcher	84.18 41	P	P	08 26 30.2	+0.4
AHID	comp-Z,16nm,1.4s	84.27 39	P	P	08 26 42.2	
MCMT	McKenzie Canyon	84.27 39	P	P	08 26 30.4	+0.2
QIZ	Qizhongzong	84.36 292	S	S	08 26 31.7	+0.7
QIZ	comp-Z,140nm,17.1s	84.36 292	S	S	08 36 55.4	-0.5
QIZ	comp-Z,170nm,16.9s		LR	LR	08 26 41.1	
KTH	Kantishina Hill	84.41 10	P	P	08 26 29.5	-0.8
KTH	comp-Z,26nm,1.4s	84.41 10	P	P	08 26 41.1	
TRF	Thorofare Moun	84.42 10	P	P	08 26 30.2	-0.3
RND	Reindeer	84.63 11	P	P	08 26 31.6	+0.2
RND	comp-Z,39nm,1.3s	84.63 11	P	P	08 26 31.6	+0.2
RND	Reindeer	84.63 11	P	P	08 26 31.6	+0.2
O20A	White River Ci	84.63 44	P	P	08 26 32.4	+0.2
O20A	comp-Z,18nm,1.5s	84.63 44	P	P	08 26 43.0	
REDW	Red Top Meadow	84.66 41	P	P	08 26 32.6	+0.3
REDW	comp-Z,27nm,1.4s	84.66 41	P	P	08 26 44.5	
TPAW	Teton Pass	84.67 40	P	P	08 26 32.5	+0.2
TPAW	comp-Z,21nm,1.5s	84.67 40	P	P	08 26 51.3	
FXWY	Fox Creek	84.70 40	P	P	08 26 32.4	-0.1
FXWY	comp-Z,17nm,1.5s	84.70 40	P	P	08 26 45.0	
DLMT	Dillon	84.71 38	P	P	08 26 32.3	-0.1
DLMT	comp-Z,17nm,1.4s	84.71 38	P	P	08 26 44.0	
SNOW	Snow King Moun	84.77 40	P	P	08 26 34.6	+1.8
SNOW	comp-Z,14nm,1.4s	84.77 40	P	P	08 26 45.3	
IMW	Indian Meadow	84.89 40	P	P	08 26 32.9	-0.6
IMW	comp-Z,18nm,1.4s	84.89 40	P	P	08 26 46.0	
HYT	Haines Junction	84.90 17	P	P	08 26 32.6	-0.3
HYT	comp-Z,19nm,1.5s	84.90 17	P	P	08 26 51.1	
BPAW	Bear Paw Mtn.	84.92 10	P	P	08 26 32.0	-0.7
MCK	McKinley	84.92 11	P	P	08 26 32.2	-0.6
MCK	comp-Z,32nm,1.1s	84.92 11	P	P	08 26 32.2	-0.6
SMCO	Snowmass	85.00 46	P	P	08 26 34.0	-0.3

Table with columns: LTK, Loutraki, 0.68 320, P, Pb, 09 05 28.2 +0.6, 09 05 38.6 -1.0, etc.

SJA 06 09:06:47.0,0.9,20:86Sx71.15W,h7km,9km,ML4.3, MW4.0

IDC 06 09:06:50.0,0.8,20:66Sx70.60W,h0km,mb4.3/12, mb1.4/4.1,mb1mx4.2/28,mbtmp4.1/4,ML4.5/2,MS3.7/8, Ms1.3/7.8,ms1mx3.5/20,Error ellipse: s-maj=21.7km s-min=16.4km az=48.0

NEIC 06 09:06:51.4,20:79Sx70.78W,h24km,Moment Tensor Solution. Moment tensor: Scale 10^19 Nm, Mr=2.45; Mw=1.31; Mb=1.14; Ma=1.61; Mb=1.63; Mw=0.32; Fault plane solution: Ms3.14000x10^19; NPl1.331.69000x10^19; S33.98000x10^19; T2.50000x10^19; NP2.116.31000x10^19; S21.21000x10^19; T12.0000x10^19; Principal axes: T: 3.0683, Plg68.000x10^19; Azm349.0000x10^19; N: 0.1447, Plg16.0000x10^19; Azm126.0000x10^19; P: -3.2130, Plg14.0000x10^19; Azm220.0000x10^19

NEIC 06 09:06:51.9,20:80Sx0.03x70.76W,0.03,h16km,9km, mb4.8/53,Mwr4.3/42,ML4.6(GUC) Error ellipse: s-maj=4.6km s-min=4.3km az=73.0

GUC 06 09:06:53.0,0.6,20:73Sx70.65W,h29km,6km,ML4.6 ISC 06 09:06:51.0,1.8,20:79Sx0.02x70.73W,0.05,h12km,11km, n157,sl556/171,mb4.7/33,MS3.8/5,4C-6D, Near coast of northern Chile

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Includes stations like Punta Patache, IPOC Station P, etc.

Main table with columns: BDFB, Brasilia, 22.77 80, P, P, 09 11 46.9 -0.2, 09 11 50.7 -0.3, etc.

Main table with columns: ZALV, Zalesovo Beam, 142.00 23, PKP, PKPdf, 09 26 29.9 +0.2, 09 26 30.1 -0.1, etc.

Table of astronomical observations for 2014 APR, columns include station name, station name, time, magnitude, position angle, and other parameters.

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Table of astronomical observations for 2014 APR, columns include code, station name, station name, time, magnitude, position angle, and other parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SIV, SAML, CPUP, ATAH, SALV, PTGB, etc.

KEA 06 10:37:44.3±0.40,38N×126.35E,h14km,ML2.4/7,North Korea

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

UCR 06 11:13:26.3±1.5,10.08N-84.26W,h68km,4km,MD3.6, Costa Rica

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HDC, SRA1, SRA2, etc.

JMA 06 11:36:37.8±0.2,37.23N×142.25E,h20km,3km,MS3.0, Off east coast of Honshu

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

SNET 06 11:50:58.5±0.6,13.47N×89.87W,h65km,7km,ML2.8

CGC 06 11:50:59.8±0.3,13.35N×90.07W,h20km,5km,MD3.5

ISC 06 11:50:59.6±2.8,13.4N-02-89.86W,0.08,h58km,n10, 0676/14, El Salvador

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

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

ISC 06 12:29:25.6±1.4,51.60N×176.26W,h0km,mb3.4/9, mb1.3,6/9,mb1mx3.4/51,mbtmp3.4/9,MS3.1/2,MS1.3/12,ms1mx2.5/27,Error ellipse: s-maj=46.4km s-min=20.1km az=175.0

AEIC 06 12:29:31.1±6.51,52N±0.07,176.16W±0.06,h36km,4km, ML3.7/25,mb3.7/20(NEIC),Error ellipse: s-maj=9.8km s-min=5.0km az=171.0

NEIC 06 12:29:31.5±1.3,51.49N±0.06,176.17W±0.06,h43km,7km, Error ellipse: s-maj=9.7km s-min=4.1km az=159.0

ISC 06 12:29:31.7±0.8,51.50N±0.09,176.20W±0.04,h47km,n69, c0598/64,mb3.5/9,Andreeof Islands

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

SCM 06 12:33:45.9±0.8, 17.77 45 P P 12 33 45.9 ±0.8

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

VRDI 06 12:34:07.7±1.0, 22.25 107 E P 12 34 07.7 ±1.0

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

H1N2 06 12:34:57.9±0.1, 20.52 41 P P 12 34 57.9 ±0.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H1N1, H1N2, H1N3, etc.

KSR5 06 12:37:12.7±0.7, 41.26 273 P P 12 37 12.7 ±0.7

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

BOSA 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

TEH 06 12:38:10.5±0.4, 37.25N±59.32E, h16km,5km,ML4.1

ISC 06 12:38:10.0±1.2, 37.39N±59.36E, h0km,mb3.8/5, mb1.3,8/12,mb1mx2.6/48,mbtmp3.7/12,ML3.4/7,MS2.6/2, MS1.2,6/2,ms1.5/2,ms1.1,Error ellipse: s-maj=20.4km s-min=11.5km az=161.0

TEH 06 12:38:10.1, 37.26N±59.34E, h8km,ML4.0

NNC 06 12:38:11.2±2.2, 37.72N±59.58E, h0km,mb4.1, Error ellipse: s-maj=28.5km s-min=8.2km az=169.0

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

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

ISC 06 12:38:10.5±0.4, 37.25N±59.32E, h16km,5km,ML4.1

ISC 06 12:38:10.0±1.2, 37.39N±59.36E, h0km,mb3.8/5, mb1.3,8/12,mb1mx2.6/48,mbtmp3.7/12,ML3.4/7,MS2.6/2, MS1.2,6/2,ms1.5/2,ms1.1,Error ellipse: s-maj=20.4km s-min=11.5km az=161.0

TEH 06 12:38:10.1, 37.26N±59.34E, h8km,ML4.0

NNC 06 12:38:11.2±2.2, 37.72N±59.58E, h0km,mb4.1, Error ellipse: s-maj=28.5km s-min=8.2km az=169.0

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

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ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

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ISC 06 12:38:09.7±0.5, 37.32N±1.52, 152.05 W±1.7, PKPbc

474A	Van Buren	23.09	2	P	P	13 09 09.1	-2.2
V52A	Sevierville	23.18	18	P	P	13 09 11.1	-1.2
U49A	Red Boiling Sp	23.25	13	P	I	13 09 11.3	-1.7
U32A	Winter Ranch,	23.26	346	P	P	13 09 12.3	-0.7
V53A	Saluda	23.27	19	P	I	13 09 11.9	-1.3
T35A	Sooner Cattle	23.29	351	P	P	13 09 12.3	-1.0
KM5C	Kings Mountain	23.31	23	P	P	13 09 13.2	-0.3
KM5C	Kings Mountain	23.31	23	P	I	13 09 12.9	-0.6
T47A	Sharon Grove	23.46	10	P	P	13 09 13.8	-1.1
121A	Cookes Peak, D	23.46	325	P	P	13 09 17.7	+2.5
121A	Cookes Peak, D	23.46	325	P	I	13 09 15.9	+0.6
319A	Douglas	23.51	321	P	P	13 09 15.0	-0.6
W56A	Indian Trail	23.59	24	P	P	13 09 16.8	+0.6
V54A	Nebo	23.65	21	P	P	13 09 16.4	-0.4
S39A	Bolivar	23.75	358	P	P	13 09 15.9	-1.9
W57A	Gilead	23.84	25	P	P	13 09 18.1	-0.5
W57A	Gilead	23.84	25	P	I	13 09 17.2	-1.3
TZTN	Tazewell	23.85	17	P	P	13 09 18.4	-0.2
TZTN	Tazewell	23.85	17	P	I	13 09 17.2	-1.4
S44A	Cardondale	23.87	6	P	P	13 09 17.4	-1.3
T49A	Edmonton	23.88	13	P	P	13 09 17.7	-1.1
T49A	Edmonton	23.88	13	P	I	13 09 16.8	-2.1
SIUC	Southern Illin	23.89	6	P	P	13 09 17.6	-1.4
T50A	Nancy	23.96	14	P	P	13 09 18.3	-1.4
V55A	Taylorville	23.98	22	P	P	13 09 19.5	-0.4
V55A	Taylorville	23.98	22	P	I	13 09 18.7	-1.2
CCM	Cathedral Cave	24.11	2	P	P	13 09 19.9	-1.1
CCM	Cathedral Cave	24.11	2	P	PcP	13 12 59.6	-1.9
T51A	Gray	24.13	16	P	P	13 09 20.5	-0.7
V56A	Mocksville	24.21	23	P	P	13 09 20.7	-1.3
USIN	University of	24.32	9	P	I	13 09 21.5	-1.4
U54A	Nelsons Funny	24.37	20	P	P	13 09 23.2	-0.3
U54A	Nelsons Funny	24.37	20	P	P	13 09 22.4	-1.0
T52A	Hallie	24.54	18	P	P	13 09 23.7	-1.2
V57A	Coltrane Farms	24.57	25	P	P	13 09 24.5	-0.7
S49A	Springfield	24.58	13	P	P	13 09 24.4	-0.9
U55A	T42, Sparta	24.62	22	P	P	13 09 25.0	-0.8
ANMO	Albuquerque	24.67	331	P	P	13 09 28.4	+2.0
ANMO	Albuquerque	24.67	331	P	P	13 09 28.5	+2.1
ANMO	Albuquerque	24.67	331	P	P	13 09 27.1	+0.7
S50A	Richmond	24.69	15	P	P	13 09 25.6	-0.7
V58A	Windy Hill, Pi	24.76	26	P	I	13 09 25.5	-1.5
WCI	Wyandotte Cave	24.81	11	P	P	13 09 26.7	-0.7
WCI	Wyandotte Cave	24.81	11	P	I	13 09 25.6	-1.8
S51A	Beattyville	24.86	16	P	P	13 09 26.9	-1.0
S51A	Beattyville	24.86	16	P	I	13 09 45.9	-1.7
T54A	Tazewell	24.94	20	P	P	13 09 27.8	-0.9
OLIL	Olney	25.02	7	P	P	13 09 27.0	-2.3
S52A	Salyersville	25.04	17	P	P	13 09 28.8	-0.7
TUC	Tucson	25.08	320	P	P	13 09 32.3	+2.4
TUC	Tucson	25.08	320	P	P	13 09 29.7	-0.3
Q44A	Meyer Farm, Va	25.19	6	P	I	13 09 28.5	-1.4
R49A	Shelbyville	25.09	13	P	P	13 09 28.9	-1.1
R49A	Shelbyville	25.09	13	P	I	13 09 28.0	-2.0
R32A	Long Quarter,	25.15	348	P	P	13 09 29.6	-1.0
U57A	Blanch	25.22	25	P	P	13 09 30.8	-0.2
R50A	Paris	25.28	14	P	P	13 09 30.9	-0.8
Q48A	North Vernon	25.59	12	P	P	13 09 33.6	-0.9
T25A	Trinidad	25.65	337	P	P	13 09 37.6	+2.3
BLO	Bloomington	25.68	10	P	I	13 09 33.8	-1.6
S54A	Dingess, Beckl	25.70	20	P	P	13 09 34.1	-1.4
S54A	Dingess, Beckl	25.70	20	P	I	13 09 34.9	-0.6
Q49A	Aurora	25.84	13	P	P	13 09 36.3	-0.4
V61A	Roper	25.91	30	P	P	13 09 36.8	-0.6
P46A	Rosedale	26.01	9	P	P	13 09 37.0	-1.3
V62A	Hyde County Ai	26.04	31	P	P	13 09 37.6	-0.9
X18A	Organ Pipe Nat	26.15	317	P	P	13 09 40.2	+0.6
P48A	Milroy	26.17	12	P	P	13 09 38.2	-1.4
P48A	Milroy	26.17	12	P	I	13 09 38.0	-1.7
Q51A	Peebles	26.23	16	P	P	13 09 39.2	-1.1
Q51A	Peebles	26.23	16	P	I	13 09 38.5	-1.8
P49A	Miami Univ. Ec	26.39	13	P	P	13 09 41.9	+0.2
T59A	Double "B" Far	26.43	27	P	P	13 09 41.9	-0.2
T59A	Double "B" Far	26.43	27	P	P	13 09 41.5	-0.6
Q52A	Bidwell	26.47	17	P	P	13 09 42.5	+0.1
W18A	Petrified Fore	26.47	326	P	P	13 09 47.0	+4.3
S57A	Dark Hollow, R	26.52	24	P	P	13 09 43.2	+0.3
S57A	Dark Hollow, R	26.52	24	P	I	13 09 42.5	-0.3
R55A	Marlinton	26.54	21	P	P	13 09 42.7	-0.5

R55A	Marlinton	26.54	21	P	I	13 09 42.0	-1.2
CDVI	St. Croix	26.57	78	P	P	13 09 42.7	-0.8
SDCO	Great Sand Dun	26.61	336	P	P	13 09 46.0	+2.0
SDCO	Great Sand Dun	26.61	336	P	P	13 09 45.0	+1.0
HDIL	Hopedale	26.70	5	P	P	13 09 47.1	-1.8
HDIL	Hopedale	26.70	5	P	I	13 10 16.7	-1.8
SPIN	Lafayette	26.78	9	P	P	13 09 43.9	-1.2
SPIN	Lafayette	26.78	9	P	P	13 09 43.1	-2.0
X16A	Lo Mia Camp, P	26.93	323	P	P	13 09 47.7	+0.9
Q54A	Coxs Mills	26.93	20	P	P	13 09 46.0	-0.6
Q54A	Coxs Mills	26.93	20	P	I	13 09 45.1	-1.4
O48A	Farmland	26.99	12	P	P	13 09 46.8	-0.3
O49A	Covington	27.09	13	P	P	13 09 47.4	-0.7
R58B	Mineral	27.13	25	P	P	13 09 47.4	-0.9
R58B	Mineral	27.13	25	P	I	13 09 45.9	-2.4
S22A	4UR Ranch, Cre	27.16	334	P	P	13 09 51.2	+2.2
P53A	Whipple	27.21	18	P	P	13 09 48.7	-0.4
P53A	Whipple	27.21	18	P	P	13 09 47.2	-1.9
MVCO	Mesa Verde	27.47	331	P	P	13 09 52.4	+0.7
O51A	Pataskala	27.48	16	P	P	13 09 50.1	-1.4
N47A	Urbana	27.49	11	P	P	13 09 49.7	-1.8
N47A	Urbana	27.49	11	P	I	13 09 49.2	-2.4
N48A	Urbana	27.59	12	P	P	13 09 51.9	-0.6
O52A	Adamsville	27.66	17	P	P	13 09 53.1	0.0
O52A	Adamsville	27.66	17	P	I	13 09 51.5	-1.6
WU4Z	Wupatki	27.67	325	P	P	13 09 56.2	+2.7
WU4Z	Wupatki	27.67	325	P	P	13 09 53.6	+0.1
N49A	Columbus Grove	27.83	13	P	P	13 09 54.0	-0.6
PU01	Paradox Valley	28.25	332	P	P	13 09 58.2	-0.5
N52A	McGinn's Farm,	28.35	17	P	P	13 09 58.0	-1.2
P57A	Homestead Farm	28.38	23	P	P	13 09 58.7	-0.8
PV15	Paradox Valley	28.38	332	P	P	13 10 01.2	+1.3
PV02	Paradox Valley	28.39	332	P	P	13 10 00.8	+0.9
PV13	Radium Mtn., P	28.39	332	P	P	13 10 01.2	+1.3
PV05	Paradox Valley	28.45	331	P	P	13 10 01.5	+1.0
PV03	Paradox Valley	28.48	332	P	P	13 10 02.3	+1.7
PV18	Skein Mesa, Pa	28.50	331	P	P	13 10 02.1	+1.3
PV12	Saucer Basin,	28.50	332	P	P	13 10 02.5	+1.6
PV11	David Mesa, Pa	28.52	332	P	P	13 10 01.8	+0.7
PV07	Paradox Valley	28.53	332	P	P	13 10 02.2	+1.0
PV17	East Wray Mesa	28.55	331	P	I	13 10 02.7	+1.5
PV16	Nyswonger Mesa	28.55	332	P	P	13 10 02.5	+1.2
PV19	Morning Glory,	28.58	331	P	P	13 10 03.0	+1.3
PV20	West Nyswonger	28.60	332	P	P	13 10 03.2	+1.4
PV04	Paradox Valley	28.61	332	P	I	13 10 02.9	+1.0
PV14	Lion Creek, Pa	28.65	332	P	P	13 10 03.6	+1.4
PV10	Paradox Valley	28.66	331	P	P	13 10 03.0	+0.6
PV22	Blue Mesa, Pa	28.68	332	P	I	13 10 04.1	+1.7
PV23	Carpenter Ridg	28.71	332	P	P	13 10 04.4	+1.6
PV09	Paradox Valley	28.80	332	P	P	13 10 04.8	+1.2
U15A	North Rim	28.84	325	P	P	13 10 04.0	0.0
O56A	Blue Knob Stat	28.86	22	P	P	13 10 03.1	-0.7
Q60A	Greensboro	28.86	27	P	P	13 10 03.4	-0.4
BC3	Big Chuckawall	28.94	317	P	P	13 10 07.4	+2.7
SSPA	Standing Stone	29.43	22	P	P	13 10 08.0	-0.8
SSPA	Standing Stone	29.43	22	P	P	13 10 07.6	-1.2
MVL	Millersville	29.48	25	P	I	13 10 08.1	-1.2
KNB	Kanab	29.56	325	P	P	13 10 12.1	+1.8
M55A	Ridgway	29.85	20	P	I	13 11 10.9	-0.7
SRU	San Rafael Sive	29.95	330	P	P	13 10 14.9	+1.3
ECSD	EROS Data Cent	30.02	353	P	P	13 10 13.4	-0.7
ECSD	EROS Data Cent	30.07	21	P	P	13 10 13.7	-0.8
M56A	Emporium	30.07	21	P	P	13 10 13.4	-1.1
Q16A	Castle Valley	30.11	329	P	P	13 10 16.0	+0.9
SCUC	Shurtz Canyon	30.12	325	P	P	13 10 15.7	+0.4
CCUT	Cedar City	30.24	325	P	P	13 10 18.5	+2.1
MSU	Marysville	30.31	328	P	P	13 10 17.8	+0.8
M57A	Sunshine Farm,	30.32	23	P	P	13 10 16.1	-0.6
P17A	Butcher Ranch,	30.34	331	P	P	13 10 15.3	-1.4
LUPA	Lehigh Unives	30.39	26	P	P	13 10 16.8	-0.5
N59A	State Game Lan	30.49	25	P	P	13 10 17.1	-1.1
SHPR	Sheep Range	30.57	322	P	P	13 10 20.6	

GDMT	Iamb	Iamb	13 11 08.3
LRM	Limekiln Ridge	36.20 336	P P 13 11 09.0 +0.9
F60A	Warwick	36.24 24	P P 13 11 08.6 -1.5
ULM	Lac du Bonnet	36.42 356	P P 13 11 08.9 -0.7
ULM	comp-Z, 1.8nm, 0.8s, baz=165, slow=11, SNR=3.1		PcP 13 13 33.9 +0.7
ULM	comp-Z, 2.40nm, 21.8s, baz=174, slow=40		LR 13 28 36.0
ULM	Lac du Bonnet	36.42 356	Iamb Iamb 13 11 09.4
WVOR	Wild Horse Val	36.55 326	P P 13 11 12.2 +1.2
WVOR	comp-Z, 10nm, 1.1s		Iamb Iamb 13 11 17.0
SAML	Samuel	36.57 127	eP P 13 11 10.4 -0.9
E60A	Site Agathe de	36.77 24	P P 13 11 11.2 -1.4
D58A	Chemin du LacG	36.83 22	P P 13 11 12.2 -1.0
EGMT	Eagleton	37.08 340	P P 13 11 16.4 +0.9
EGMT	comp-Z, 151, SNR=5.1		P P 13 11 15.1 -0.3
EGMT	Eagleton	37.08 340	P P 13 11 21.2
J08A	Comp-Z, 9.0nm, 1.1s		Iamb Iamb 13 11 21.2
J08A	Middle Bar Ran	37.10 328	P P 13 11 17.3 +1.6
M0D	Clodic Plateau	37.12 324	P P 13 11 16.2 +0.8
F63A	Nahmed Pnta, Br	37.21 27	P P 13 11 17.2 +0.9
G65A	Princeton	37.53 29	P P 13 11 18.3 -0.8
BMO	Blue Mountains	37.59 330	P P 13 11 19.7 -0.1
M50	Missoula	37.62 335	P P 13 11 19.6 -0.5
MSO	comp-Z, 2.1nm, 1.8s		Iamb Iamb 13 11 22.4
WDC	Whiskeytown Da	37.62 321	P P 13 11 19.6 -0.5
WDC	comp-Z, 2.4nm, 1.9s		Iamb Iamb 13 11 59.4
F64A	Sherman	37.67 27	P P 13 11 19.5 -0.9
MAT0	Matagami	37.70 15	P P 13 11 18.8 -1.8
G6N	Saint George	37.81 30	P P 13 11 19.7 -1.8
I07A	Izeze	38.14 328	P P 13 11 25.2 +0.7
I07A	comp-Z, 7.1nm, 1.0s		Iamb Iamb 13 11 29.1
LPAZ	La Paz	38.19 141	P P 13 11 25.5 -0.3
LPAZ	comp-Z, 3.7nm, 0.8s, baz=320, slow=9.4, SNR=12		P P 13 11 24.1 -1.6
LPAZ	La Paz	38.19 141	P P 13 11 39.4
LPAZ	comp-Z, 1.7nm, 1.2s		Iamb Iamb 13 11 39.4
LPAZ	La Paz	38.19 141	eP P 13 11 24.6 -1.2
D62A	Allapoint, All	38.32 26	P P 13 11 24.7 -1.1
D62A	Allapoint, All	38.32 26	P P 13 11 24.6 -1.6
F10A	Beach Ranch, E	38.38 332	P P 13 11 26.2 -0.2
PQI	Presque Isle	38.44 27	P P 13 11 25.4 -1.5
JTMT	Jetts	38.49 336	P P 13 11 27.2 -0.2
D63A	Stockholm	38.68 26	P P 13 11 27.8 -1.1
PB16	IPOC Station P	38.99 145	P P 13 11 32.1 -0.3
PB16	comp-Z, 1.0nm, 0.9s		Iamb Iamb 13 11 41.1
LMN	Caledonia Moun	39.33 30	P P 13 11 32.5 -1.8
MNMC	Minye Minye	39.58 145	P P 13 11 36.5 -0.5
MNMC	comp-Z, 13nm, 0.9s		Iamb Iamb 13 11 49.0
BAT0	Bathurst New B	39.77 28	P P 13 11 36.2 -1.8
H04A	Detroit Lake	39.97 326	P P 13 11 40.6 +0.9
H04A	comp-Z, 2.0nm, 1.2s		Iamb Iamb 13 11 42.8
PB11	IPOC Station P	40.06 146	P P 13 11 40.8 0.0
PB11	comp-Z, 1.1nm, 0.8s		Iamb Iamb 13 11 51.7
NEW	Newport	40.07 334	P P 13 11 38.7 -1.9
H04D	Lebanon	40.17 326	P P 13 11 42.4 +1.1
C09A	Chrisman Ranch	40.23 333	P P 13 11 41.3 -0.5
C09A	comp-Z, 1.8nm, 1.3s		Iamb Iamb 13 11 43.8
GO01	Chuzmiza	40.23 145	P P 13 11 42.7 0.0
GO01	comp-Z, 1.2nm, 1.1s		Iamb Iamb 13 11 58.7
B08A	Colville Reser	41.12 332	P P 13 11 49.3 +0.2
LOH	Longmire	41.15 329	P P 13 11 50.2 +0.8
LOH	comp-Z, 9.3nm, 0.8s		Iamb Iamb 13 11 54.2
PB07	IPOC Station P	41.55 148	P P 13 11 54.1 +1.0
B06A	Marblemount	42.22 331	P P 13 11 58.7 +0.6
B06A	comp-Z, 1.6nm, 1.1s		Iamb Iamb 13 12 02.6
B05A	Bryant	42.34 330	P P 13 11 59.4 +0.4
B05A	comp-Z, 1.3nm, 1.0s		Iamb Iamb 13 12 02.1
SIVA	San Ignacio	42.67 133	P P 13 12 02.1 -0.1
CLDB	Colider	43.60 123	eP P 13 12 07.8 -1.8
PB14	IPOC Station P	43.73 151	P P 13 12 09.8 -1.2
PB14	comp-Z, 1.9nm, 1.2s		Iamb Iamb 13 12 12.9
LLLB	Lillooet	43.89 333	P P 13 12 10.5 -1.1
LLLB	comp-Z, 1.4nm, 1.2s		Iamb Iamb 13 12 18.9
GO02	Mina Guanaco	44.57 150	P P 13 12 16.6 -1.0
DRLN	Deer Lake	45.27 32	P P 13 12 20.1 -2.6
SCHQ	Schefferville	45.38 20	P P 13 12 21.9 -1.5
SCHQ	comp-Z, 7.3nm, 0.9s, baz=220, slow=5.4, SNR=7.6		PcP 13 14 02.6 +0.4
SCHQ	comp-Z, 2.4nm, 0.6s, baz=243, slow=6.8, SNR=3.5		LR LR 13 32 25.2
SCHQ	Schefferville	45.38 20	P P 13 12 20.9 -2.5
SCHQ	Schefferville	45.38 20	Iamb Iamb 13 14 04.2
SALV	Santo Antonio	45.48 128	eP P 13 12 32.7 -0.6
AQDB	Aquidauana	49.45 133	eP P 13 12 54.3 -1.2
ARAC	Araguainas, MT	49.50 125	eP P 13 12 54.6 -1.3
SMIT	Santa Maria do	49.61 115	eP P 13 12 57.7 -0.2
YKA	Yellowknife Ar	51.13 347	P P 13 13 07.6 0.0
YKA	comp-Z, 7.7nm, 0.8s, baz=149, slow=7.9, SNR=115		PcP 13 14 23.4 +0.7
GO05	Hualia	52.24 159	P P 13 13 15.5 -0.7
GO05	comp-Z, 9.7nm, 0.9s		Iamb Iamb 13 13 31.4
CPUP	Villa Florida	52.34 140	P P 13 13 16.1 -1.1
CPUP	comp-Z, 2.5nm, 0.8s, baz=330, slow=7.8, SNR=7.5		P P 13 13 15.6 -1.5
BDFB	Brasilia	52.53 122	P P 13 13 18.4 -0.5
BDFB	comp-Z, 6.0nm, 0.9s, baz=253, slow=6.5, SNR=6.5		P P 13 13 17.7 -1.1
BDFB	Brasilia	52.53 122	Iamb Iamb 13 13 19.4
TAOE	Nuku Hiva Isla	52.75 247	eS S 13 20 52.4 +6.2
TAOE	comp-Z, 2.27nm, 24.5s		eLR LR 13 28 26.1
TAOE	Nuku Hiva Isla	52.75 247	eT T 13 20 49.1
TAOE	comp-Z, 2.4nm, 0.2s		Iamb Iamb 13 13 31.4
ITRB	Iturama	52.92 128	eP P 13 13 20.9 -0.7
NBPS	Pedro II - PI	53.43 106	eP P 13 13 25.0 -1.1
IPMG	Ipameri, GO	53.47 127	eP P 13 13 27.2 +0.4
PTGB	Pitanga	54.74 134	eP P 13 13 29.9 -2.0
BB19B	Bedbedouro	55.10 128	eP P 13 13 37.0 -0.5
ITQB	Itaquai	55.17 142	eP P 13 13 37.0 -0.8
JANB	Janaria	55.32 120	eP P 13 13 38.9 -0.3
NBFB	Pedra Branca-C	55.57 107	eP P 13 13 40.6 -0.4
FRFB	Fartura	55.67 131	eP P 13 13 41.3 -0.2
NBCL	Cascavel-CE	56.32 105	eP P 13 13 47.1 +0.8
ITAB	Concordia	56.33 137	eP P 13 13 45.7 -0.7
RCLB	Rio Claro- Sao	56.64 129	eP P 13 13 46.9 -1.5
NBMA	Muriti-CE	56.98 108	eP P 13 13 51.2 +0.2
NBPN	Ponto Novo- B	57.13 102	eP P 13 13 52.1 -0.1
SPB	Sao Paulo	57.39 130	eP P 13 13 52.9 -0.8
VAO	Valinhos	57.49 129	eP P 13 13 53.1 -0.8
CPBS	Cacapava Do Su	57.64 140	eP P 13 13 54.2 -1.1
PLCA	Paso Flores	57.88 161	P P 13 13 58.1 +1.1
PLCA	comp-Z, 1.1nm, 1.0s, baz=28, slow=7.0, SNR=3.4		Iamb Iamb 13 14 30.5
PLCA	Paso Flores	57.88 161	Iamb Iamb 13 14 30.5
BSCB	Bom Sucesso	57.97 126	eP P 13 13 57.1 -0.9
NBTA	Tacaratu-PE	58.29 110	eP P 13 13 59.9 -0.3
PLTB	Pedra Altas	58.48 142	eP P 13 14 01.1 -1.6
NBCL	Canela	58.55 138	eP P 13 14 00.4 -1.4
RCBR	Riachuelo	59.10 106	P P 13 14 05.1 -0.8

RCBR	Riachuelo	59.10 106	eP P 13 14 06.8 +0.9
NBLA	Legarto - SE	59.25 112	eP P 13 14 06.6 -0.3
NBIT	Itapete - BA	59.44 117	eP P 13 14 07.9 -0.2
SJMB	Sao Joao De Ma	59.70 122	eP P 13 14 10.2 +0.3
DJWB	Dawson	59.77 338	eP P 13 14 09.9 +0.2
NBPV	Pedro Velho	59.87 106	P P 13 14 11.5 +0.3
RAGM	Ragged Mountai	60.01 333	eP P 13 14 12.7 +1.2
BSFB	Barra de Sao F	60.04 122	eP P 13 14 12.4 +0.2
NBAN	Anadia - AL	60.12 110	eP P 13 14 12.8 -0.1
BAVER	Beaver Creek	60.12 336	P P 13 14 13.2 +1.0
GLB	Gilahina Butte	60.13 334	P P 13 14 13.7 +1.4
GLB	comp-Z, 6.6nm, 0.9s		Iamb Iamb 13 14 14.8
EPYK	Eagle Plains	60.23 341	P P 13 14 13.7 +0.8
EPYK	comp-Z, 128		P P 13 14 13.4 +0.6
EPYK	Eagle Plains	60.23 341	Iamb Iamb 13 15 00.5
EPYK	comp-Z, 7.9nm, 1.0s		Iamb Iamb 13 15 00.5
INK	Inuvik	60.54 344	P P 13 14 15.8 +0.9
INK	comp-Z, 13nm, 0.9s, baz=122, slow=7.2, SNR=49.6		P P 13 14 14.9 0.0
EGAK	Eagle	60.80 338	P P 13 14 16.4 -0.3
EGAK	comp-Z, 11nm, 1.1s		Iamb Iamb 13 14 25.0
RES	Resolute Bay	60.83 359	P P 13 14 15.3 -1.5
SCRK	Sand Creek	61.44 337	P P 13 14 22.9 +0.8
RIDG	Independent Ri	61.65 336	P P 13 14 23.7 +1.1
SCM	Sheep Creek Mo	61.81 334	P P 13 14 24.5 +0.8
KNK	Knik Glacier	62.12 333	P P 13 14 27.0 +1.2
SML	Sawmill	62.23 334	P P 13 14 27.1 +0.6
GHO	Glyde Hole Crek	62.47 333	P P 13 14 29.1 +1.0
PMR	Palmer	62.49 333	P P 13 14 28.9 +0.7
RC01	Rabbit Creek A	62.56 332	P P 13 14 29.8 +1.1
CNPM	China Poot	62.69 331	P P 13 14 30.5 +0.9
PRP	Porcupine Dome	62.77 338	P P 13 14 30.9 +0.8
PRP	comp-Z, 10nm, 1.1s		Iamb Iamb 13 14 45.4
HDA	Harding Lake	62.78 336	P P 13 14 31.1 +1.0
HDA	comp-Z, 117, SNR=8.0		P P 13 14 30.1 0.0
IL31	Harding Lake	62.78 336	P P 13 14 31.1 +1.0
ILAR	Eielson Array	62.92 337	P P 13 14 32.0 +1.0
ILAR	comp-Z, 4.9nm, 0.9s, baz=125, slow=4.2, SNR=30		P P 13 14 32.0 +1.0
ILAR	Eielson Array	62.92 337	P P 13 14 31.2 +0.2
RND	Reindeer	63.11 335	P P 13 14 33.2 +0.8
SUA	Susitna One	63.16 333	P P 13 14 33.6 +0.9
SUA	comp-Z, 8.9nm, 0.9s		Iamb Iamb 13 14 34.6
FYU	Fort Yukon	63.17 339	P P 13 14 33.3 +0.7
CCB	Clear Creek Bu	63.22 337	P P 13 14 33.0 +0.7
CCB	comp-Z, 1.8nm, 1.7s		Iamb Iamb 13 14 38.6
WRH	Wood River Hill	63.26 336	P P 13 14 33.2 0.0
MCK	McKinley	63.28 335	P P 13 14 33.9 +0.5
COLA	College	63.34 337	P P 13 14 33.9 +0.2
COLA	comp-Z, 6.5nm, 0.7s		Iamb Iamb 13 15 13.4
BMR	Burnt Mountain	63.38 340	P P 13 14 34.4 +0.3
BWN	Brown	63.67 336	P P 13 14 36.4 +0.4
NEA	Nenana	63.69 336	P P 13 14 36.2 +0.1
NEA	comp-Z, 8.3nm, 1.2s		Iamb Iamb 13 14 41.9
TRF	Thorofare Moun	63.72 335	P P 13 14 37.1 +0.6
RSO	Redoubt South	63.73 331	P P 13 14 37.2 +0.6
KTH	Kantishna Hill	64.02 335	P P 13 14 38.9 +0.6
KTH	comp-Z, 8.2nm, 0.9s		Iamb Iamb 13 14 40.0
BPWW	Bear Paw Mtn.	64.26 335	P P 13 14 40.2 +0.3
BPWW	comp-Z, 9.4nm, 1.0s		Iamb Iamb 13 14 45.8
PPLA	Purkeypile	64.31 334	P P 13 14 40.4 0.0
PPLA	comp-Z, 8.3nm, 1.0s		Iamb Iamb 13 14 46.4
MLY	Manley	64.52 336	P P 13 14 42.0 +0.4
MLY	comp-Z, 8.9nm, 0.7s		Iamb Iamb 13 14 44.0
PPT	Papeete	64.74 243	LR LR 13 36 45.6
PPT	comp-Z, 1.88nm, 19.9s, baz=66, slow=30		P P 13 36 45.6
PPT2	Papeete2	64.75 243	eS S 13 23 28.2 +6.4
PPT2	comp-Z, 6.1nm, 23.2s		P P 13 34 00.7
PPT2	Papeete2	64.75 243	eLR LR 13 34 00.7
PPT2	comp-Z, 98nm, 24.8s		P P 13 34 00.7
B08A	SVW2 Sparrowho	65.24 331	P P 13 14 46.5 +0.2
TOLK	Toolik Lake Re	65.61 340	P P 13 14 50.1 +1.5
TOLK	comp-Z, 116, SNR=14		P P 13 14 49.4 +0.7
TOLK	Toolik Lake Re	65.61 340	Iamb Iamb 13 14 51.1
TTA	Tatalina	65.97 333	P P 13 14 50.7 -0.4
IMAR	Indian Mountai	66.04 337	P P 13 14 51.1 -0.3
SUBI	Suibai	66.39 115	P P 13 14 54.8 +0.8
TMB	Tubuai	67.19 237	eLR LR 13 35 24.9
SCO	Scoresbysund	70.42 20	P P 13 15 17.4 -1.3
SCO	comp-Z, 2.4nm, 1.4s		Iamb Iamb 13 16 08.0
DAG	Danmarks Havn	72.82 131	iP P 13 15 31.3 -1.7
DAG	comp-Z, 5.6nm, 0.5s		P P 13 15 31.3 -1.7
GAMB	Gambell	73.07 333	P P 13 15 36.0 +1.3
ESK	Eskdalemuir	73.17 336	P P 13 16 01.7 -2.1
GILL	Gill	81.55 338	P P 13 16 21.1 -1.0
NB2	NORSAR Subarra	84.31 28	P P 13 16 36.5 -0.1
NOA	NORSAR Array B	84.31 28	P P 13 16 36.3 -0.3
NOA	comp-Z, 1.6nm, 0.8s, baz=288, slow=5.3, SNR=8.7		LR LR 13 52 33.8
NOA	comp-Z, 132nm, 21.4s, baz=280, slow=34		LR LR 13 49 52.4
DBIC	Dimbokro	85.76 84	LR LR 13 49 52.4
ARCES	ARCESS Array B	86.30 115	P P 13 16 45.8 -0.5
ARCES	comp-Z, 4.6nm, 1.0s, baz=335, slow=5.4, SNR=5.5		LR LR 13 50 05.3
ARCES	comp-Z, 1.69nm, 20.7s, baz=328, slow=35		P P 13 17 00.2 +1.6
SEY	Seycham	88.83 336	P P 13 17 02.8 -0.7
SEY	comp-Z, 3.7nm, 1.0s, baz=84, slow=10, SNR=4.8		P P 13 17 02.8 -0.7
GERES	GERESS Array B	89.77 39	P P 13 17 02.8 -0.7
GERES	comp-Z, 0.8nm, 0.8s, baz=259, slow=1.4, SNR=6.5		LR LR 13 53 31.4
GERES	comp-Z, 2.4nm, 20.7s, baz=283, slow=33		P P 13 17 05.2 -1.0
TIXI	Tiksi	90.37 348	P P 13 17

6d 14h

344A	Westbrook Farm	54.96	339	P	P	14 15 39.8	+0.2
Y55A	Saluda	55.05	349	P	P	14 15 40.5	+0.3
250A	Ashland	55.26	345	P	P	14 15 41.5	-0.3
Z50A	Ashland	55.26	345	P	Iamb	14 15 41.2	-0.6
Z50A	Ashland	55.26	345	P	Iamb	14 15 51.7	
LRAL	Lakeview Retre	55.33	344	P	P	14 15 41.8	-0.5
LRAL	Lakeview Retre	55.33	344	P	P	14 15 41.6	-0.6
LRAL	Lakeview Retre	55.33	344	P	Iamb	14 15 52.2	
Y52A	Lilburn	55.42	347	IAMS_20	IAMS_20	14 42 37.9	
342A	Flagon Creek P	55.44	338	P	P	14 15 43.5	+0.5
X56A	White Oak	55.45	350	P	P	14 15 44.2	+1.1
BIRD	Birdtown, Kers	55.51	350	P	P	14 15 43.1	-0.4
X55A	Gracelym & Ava	55.53	349	P	P	14 15 44.7	+1.1
146A	Union	55.53	341	P	P	14 15 43.9	+0.2
W58A	Raeford	55.70	352	P	P	14 15 45.9	+1.0
X54A	Belton	55.74	349	P	P	14 15 46.2	+1.0
Z47A	Carrollton	55.77	343	P	P	14 15 45.0	-0.4
Z47A	Carrollton	55.77	343	P	Iamb	14 15 55.3	
V62A	Hyde County Ai	55.88	355	P	P	14 15 45.5	-0.7
W57A	Gilead	55.85	351	IAMS_20	IAMS_20	14 41 11.7	
Y49A	Blount Mountai	55.96	344	P	P	14 15 45.6	-1.2
Y49A	Blount Mountai	55.96	344	P	Iamb	14 15 56.4	
KM5C	Kings Mountain	56.14	350	IAMS_20	IAMS_20	14 42 11.5	
W54A	Cherokee Point	56.23	349	P	P	14 15 49.8	+1.2
V59A	Middlesex	56.31	353	P	P	14 15 50.5	+1.3
143A	Socs Landing,	56.33	339	P	P	14 15 48.5	-1.0
143A	Socs Landing,	56.33	339	P	Iamb	14 16 00.2	
FPAL	Fort Paine	56.41	345	P	P	14 15 49.4	-0.6
FPAL	Fort Paine	56.41	345	P	Iamb	14 15 59.7	
FPAL	Fort Paine	56.41	345	P	IAMS_20	14 43 38.2	
V58A	Windy Hill, Pi	56.45	352	P	P	14 15 51.7	+1.5
V58A	Windy Hill, Pi	56.45	352	P	P	14 15 50.2	+0.1
V58A	Windy Hill, Pi	56.45	352	P	Iamb	14 16 00.7	
W52A	Murphy	56.57	347	IAMS_20	IAMS_20	14 44 34.5	
V57A	Coltrane Farms	56.63	351	P	P	14 15 53.3	+1.8
NATX	Nacogdoches	56.65	336	P	P	14 15 51.5	-0.2
V56A	Mocksville	56.66	351	P	P	14 15 52.3	+0.6
X48A	Hartselle	56.68	344	P	P	14 15 48.9	-3.0
X48A	Hartselle	56.68	344	P	Iamb	14 16 01.8	
U59A	Littleton	56.84	353	P	P	14 15 54.0	+1.0
U59A	Littleton	56.84	353	P	P	14 15 54.0	+0.8
V53A	Nebo	56.91	348	P	P	14 15 52.8	-0.8
V53A	Nebo	56.91	348	P	Iamb	14 16 02.9	
U58A	Oxford	56.97	353	P	P	14 15 55.3	+1.4
W50A	Signal Mountai	56.98	346	P	P	14 15 52.9	-1.1
W50A	Signal Mountai	56.98	346	P	Iamb	14 16 04.0	
CPCT	Cooper Cave	57.04	347	P	P	14 15 54.0	-0.4
CPCT	Cooper Cave	57.04	347	P	Iamb	14 16 04.5	
CPCT	Cooper Cave	57.04	347	P	IAMS_20	14 41 55.3	
TKL	Tuckaleechee C	57.09	348	P	P	14 15 54.0	-0.8
TKL	Tuckaleechee C	57.09	348	P	pmax		
TKL	Tuckaleechee C	57.09	348	P	MLR	14 15 54.0	-0.8
TKL	Tuckaleechee C	57.09	348	P	Iamb	14 16 04.6	
TKL	Tuckaleechee C	57.09	348	P	IAMS_20	14 43 50.1	
U57A	Blanch	57.10	352	P	P	14 15 55.8	+1.0
SWET	Seawane	57.13	345	P	P	14 15 54.2	-0.9
SWET	Seawane	57.13	345	P	Iamb	14 16 04.9	
U56A	King	57.17	351	IAMS_20	IAMS_20	14 41 49.8	
V52A	Sevierville	57.23	348	P	P	14 15 55.2	-0.6
V52A	Sevierville	57.23	348	P	Iamb	14 16 05.7	
V52A	Sevierville	57.23	348	P	IAMS_20	14 41 40.9	
Z41A	Richland Creek	57.31	338	P	P	14 15 58.0	+1.6
V51A	Loudon	57.35	347	P	P	14 15 54.8	-1.8
V51A	Loudon	57.35	347	P	Iamb	14 16 06.6	
V51A	Loudon	57.35	347	P	IAMS_20	14 44 59.0	
OXF	Oxford	57.39	342	P	P	14 15 54.9	-2.0
OXF	Oxford	57.39	342	P	pmax		
OXF	Oxford	57.39	342	P	MLR	14 15 54.9	-2.0
OXF	Oxford	57.39	342	P	Iamb	14 15 54.9	-2.0
OXF	Oxford	57.39	342	P	Iamb	14 16 06.8	
T59A	Double "B" Far	57.43	354	P	P	14 15 58.1	+1.0
T59A	Double "B" Far	57.43	354	P	P	14 15 56.8	-0.3
PLAL	Pickwick Lake	57.43	343	P	P	14 15 56.0	-1.3
U54A	Nelsons Funny	57.56	350	P	P	14 15 57.1	-1.1
U54A	Nelsons Funny	57.56	350	P	P	14 15 56.7	-1.5
U54A	Nelsons Funny	57.56	350	P	Iamb	14 16 08.6	
T57A	Hurt	57.65	352	P	P	14 15 59.3	+0.6
T57A	Hurt	57.65	352	P	P	14 15 58.1	-0.6
T57A	Hurt	57.65	352	P	Iamb	14 16 09.6	
JCT	Junction City	57.72	330	P	pmax	14 15 57.7	-1.7
JCT	Junction City	57.72	330	P	pmax		
JCT	Junction City	57.72	330	P	P	14 15 59.9	+0.6
JCT	Junction City	57.72	330	P	P	14 15 57.7	-1.7
T56A	Rocky Mt	57.78	351	P	P	14 16 00.8	+1.1
WLAR	White Oak Lake	57.81	338	P	P	14 16 00.4	+0.5
V48A	Smith Brothers	57.85	345	P	P	14 15 59.4	+0.7
HPIG	Nelsons Funny	57.86	323	P	P	14 16 00.7	+0.1
TZTN	Tazewell	57.90	348	P	P	14 16 00.2	-0.2
TZTN	Tazewell	57.90	348	P	P	14 15 59.2	-1.3
TZTN	Tazewell	57.90	348	P	Iamb	14 16 10.6	
S61A	Accomac	57.97	356	P	P	14 16 01.2	+0.3
WHTX	Lake Whitney,	57.98	333	P	P	14 16 01.8	+0.7
WHTX	Lake Whitney,	57.98	333	P	P	14 16 01.0	-0.1
WHTX	Lake Whitney,	57.98	333	P	Iamb	14 16 12.1	
T55A	Pulaski	57.98	351	P	P	14 16 02.0	+0.9
BLA	Blacksburg	58.02	351	P	pmax	14 16 01.5	+0.1
BLA	Blacksburg	58.02	351	P	pmax		
BLA	Blacksburg	58.02	351	P	MLR	14 16 01.5	+0.1
BLA	Blacksburg	58.02	351	P	P	14 16 01.5	+0.1
BLA	Blacksburg	58.02	351	P	Iamb	14 16 12.4	
BLA	Blacksburg	58.02	351	P	IAMS_20	14 42 16.4	

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T54A	Tazewell	58.05	350	P	P	14 16 02.4	+0.8
CLTN	Cedars of Leba	58.06	345	P	Iamb	14 16 01.2	-0.5
Z38A	Mt. Pleasant	58.11	336	P	P	14 16 02.1	+0.1
S58A	Poland Farm, P	58.12	353	P	P	14 16 02.9	+1.0
T53A	Wise	58.14	349	P	P	14 16 02.6	+0.3
SACV	Santiago Islan	58.33	357	IAMS_20	IAMS_20	14 41 41.0	
T52A	Hallie	58.34	349	IAMS_20	IAMS_20	14 40 10.9	
U49A	Red Boiling Sp	58.34	346	IAMS_20	IAMS_20	14 42 05.8	
S57A	Dark Hollow, R	58.37	353	P	P	14 16 04.6	+0.9
S57A	Dark Hollow, R	58.37	353	P	Iamb	14 16 04.1	+0.4
S57A	Dark Hollow, R	58.37	353	P	Iamb	14 16 14.7	
T51A	Gray	58.39	348	P	P	14 16 04.1	+0.2
X40A	Bazin Creek Fa	58.44	339	P	P	14 16 04.7	+0.4
R58B	Mineral	58.44	354	P	P	14 16 05.3	+1.1
R58B	Mineral	58.44	354	P	Iamb	14 16 04.0	-0.2
R58B	Mineral	58.44	354	P	Iamb	14 16 15.4	
WVT	Waverly	58.47	344	P	pmax	14 16 03.4	-1.1
WVT	Waverly	58.47	344	P	pmax		
WVT	Waverly	58.47	344	P	MLR	14 16 03.7	-0.8
WVT	Waverly	58.47	344	P	P	14 16 03.4	-1.1
WVT	Waverly	58.47	344	P	Iamb	14 16 13.9	
UALR	University of	58.54	339	P	P	14 16 04.5	-0.5
UALR	University of	58.54	339	P	Iamb	14 16 15.5	
S55A	Lewisburg	58.58	351	P	P	14 16 06.0	+0.8
R59A	King George, V	58.60	354	P	P	14 16 07.3	+2.0
T50A	Nancy	58.62	347	P	P	14 16 05.5	0.0
TX31	Lajitas Ar. Si	58.67	326	P	P	14 16 05.4	-0.8
TX32	Lajitas Array	58.67	326	P	P	14 16 05.3	-0.9
TXAR	Lajitas Array	58.67	326	P	P	14 16 06.5	+0.3
TXAR	Lajitas Array	58.67	326	P	LR	14 38 45.4	
TXAR	Lajitas Array	58.67	326	P	P	14 16 04.9	-1.3
TXAR	Lajitas Array	58.67	326	P	P	14 16 04.9	-1.3
S54A	Dixons, Beckl	58.73	350	P	P	14 16 06.9	+0.6
S52A	Williamson	58.75	350	P	P	14 16 07.0	+0.6
MIAR	Mount Ida	58.75	338	P	P	14 16 06.8	+0.3
R58A	Rapidan	58.79	354	P	P	14 16 07.6	+1.0
R57A	Stanardsville	58.84	353	P	P	14 16 08.1	+1.1
T49A	Edmonton	58.85	346	P	P	14 16 06.8	-0.3
T49A	Edmonton	58.85	346	P	P	14 16 06.3	-0.8
W41B	Gary Mavity, V	58.88	340	P	P	14 16 07.2	-0.1
WHAR	Woody Hollow	58.99	340	P	Iamb	14 16 07.6	-0.5
WHAR	Woody Hollow	58.99	340	P	Iamb	14 16 18.6	
R55A	Marlinn	59.03	352	P	P	14 16 09.6	+1.2
R55A	Marlinn	59.03	352	P	P	14 16 09.2	+0.8
R54A	Victor	59.05	351	P	P	14 16 09.7	+1.1
Z35A	Perchaven, San	59.06	334	P	P	14 16 08.8	+0.1
T47A	Sharon Grove	59.10	345	P	P	14 16 08.2	-0.6
S50A	Richmond	59.17	348	P	P	14 16 09.0	-0.3
HICK	Hickman	59.23	343	P	Iamb	14 16 09.5	-0.3
HICK	Hickman	59.23	343	P	Iamb	14 16 10.4	

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NVL	Niazarevskaya	68.51	159	eP	P	14 17 10.1	-0.3
NVL				eS	S	14 26 03.1	-8.1
NVL				pmax	pmax		
MONP2	Monument Peak	68.54	320	P	P	14 17 13.7	+2.2
PV14	Lion Creek, Pa	68.54	329	IAMS_20	IAMS_20	14 47 04.3	
BAR	Barrett	68.54	320	P	IAmb	14 17 11.4	+0.2
BAR				P	IAmb	14 17 23.8	
PV10	Paradox Valley	68.55	329	P	P	14 17 11.5	+0.1
PV10				IAmb	IAmb	14 17 22.9	
PV22	Blue Mesa, Par	68.55	329	P	P	14 17 10.9	-0.4
PV22				IAmb	IAmb	14 17 28.0	
PV23	Carpenter Ridg	68.59	329	P	IAmb	14 17 11.4	-0.3
PV23				IAmb	IAmb	14 17 49.9	
W13A	Hualapai Mounts	68.62	323	P	P	14 17 12.7	+0.8
W13A				IAmb	IAmb	14 17 24.8	
PV06	Cone Mtn., Par	68.66	329	P	IAmb	14 17 09.7	-2.4
PV21				IAmb	IAmb	14 18 36.5	
IRM	Iron Mountain	68.67	322	P	P	14 17 14.0	+2.0
U15A	North Rim	68.73	325	P	IAmb	14 17 13.8	+1.2
U15A				IAmb	IAmb	14 17 25.5	
D41A	Chassel	69.03	347	P	IAmb	14 17 13.2	-0.7
D41A				IAmb	IAmb	14 17 24.3	
XPFO	Pion Flat	69.06	320	P	P	14 17 12.7	-1.8
BELC	Belle Mtn. Jos	69.06	321	P	P	14 17 16.5	+1.9
PFO	Pinyon Flats O	69.06	320	P	pmax	14 17 12.8	-1.8
PFO				pmax	pmax		
PFO				P	P	14 17 16.8	+2.3
NFO	Pinyon Flats O	69.06	320	P	P	14 17 12.8	-1.8
NFO	Red Feather La	69.13	332	P	P	14 17 16.4	+1.3
PHWY	Pilot Hill	69.25	333	P	IAmb	14 17 14.9	-0.9
PHWY				IAmb	IAmb	14 17 27.5	
GMRC	Granite Mounta	69.41	322	P	P	14 17 18.8	+2.1
KNB	Kanab	69.45	325	P	P	14 17 18.6	+1.6
KNB				pmax	pmax		
KNB	Kanab	69.45	325	P	P	14 17 18.6	+1.6
SUSD	Miller	69.45	339	P	P	14 17 16.9	+0.3
SUSD				P	P	14 17 16.9	+0.3
SUSD	Miller	69.45	339	P	IAmb	14 17 16.1	-0.5
SUSD				IAmb	IAmb	14 17 27.1	
PKCU	Pink Cliffs	69.50	326	P	P	14 17 16.8	-0.7
O20A	White River Ci	69.56	330	P	P	14 17 19.0	+1.4
LCMT	Little Creek M	69.67	325	P	P	14 17 17.2	-1.0
QSPA	South Pole Qui	69.76	380	P	P	14 17 19.5	+1.0
HUC	Hector,Ludlow	69.84	321	P	P	14 17 21.8	+2.5
SRU	San Rafael Swe	69.85	328	P	P	14 17 19.8	-0.5
SRU				pmax	pmax		
SRU	San Rafael Swe	69.85	328	P	P	14 17 19.8	-0.5
MTPU	Mount Pierson	69.85	326	P	P	14 17 19.4	+0.4
LIC	Lamto	69.95	75	eP	P	14 17 18.9	-1.4
SZCU	Shurtz Canyon	70.02	325	P	P	14 17 21.7	+1.2
Q16A	Castle Valley	70.02	328	P	P	14 17 21.2	+0.7
TUQ	Turquoise Moun	70.03	322	P	P	14 17 22.6	+2.1
MATO	Matagani	70.12	355	P	P	14 17 20.4	-0.2
TIC	Tomoudi	70.12	75	eP	P	14 17 20.3	-1.1
CCUT	Cedar City	70.13	325	P	P	14 17 23.1	+1.9
BFSC	Mount Baldy Ra	70.21	320	P	P	14 17 23.7	+2.1
MSU	Marysvalle	70.23	327	P	P	14 17 23.2	+1.4
MSU	Marysvalle	70.23	327	P	P	14 17 23.2	+1.4
P17A	Butcher Ranch,	70.23	328	P	P	14 17 22.8	+1.0
KIC	Kosan Boka	70.26	75	eP	P	14 17 21.1	-1.2
DBIC	Dimbokro	70.28	75	P	P	14 17 21.2	-1.1
DBIC				LR	LR	14 48 06.8	
DBIC	Dimbokro	70.28	75	P	pmax	14 17 21.0	-1.3
DBIC				pmax	pmax		
DBIC	Dimbokro	70.28	75	P	P	14 17 21.0	-1.3
RWWY	Rawlins	70.33	332	P	IAmb	14 17 22.8	+0.4
RWWY				IAmb	IAmb	14 17 34.4	
TMUT	Trail Mountain	70.33	328	P	P	14 17 22.9	+0.4
SHRP	Sheep Range	70.36	323	P	P	14 17 22.9	+0.4
DRLN	Deer Lake	70.40	9	P	P	14 17 22.3	0.0
GSC	Goldstone, Bar	70.44	321	P	pmax	14 17 23.1	+0.1
GSC				pmax	pmax		
GSC	Goldstone, Bar	70.44	321	P	P	14 17 25.2	+2.2
GSC				P	P	14 17 23.1	+0.1
MWC	Mount Wilson	70.44	320	P	pmax	14 17 23.3	+0.2
MWC				pmax	pmax		
MWC	Mount Wilson	70.44	320	P	IAmb	14 17 23.3	+0.2
MWC				IAmb	IAmb	14 17 35.8	
PASC	Pasadena Art C	70.48	320	P	IAmb	14 17 22.9	-0.2
PASC				IAmb	IAmb	14 17 35.9	
EYMN	Ely	70.51	346	P	P	14 17 23.1	+0.1
EYMN				P	P	14 17 22.4	-0.6
RDMU	Red Mountain	70.52	330	P	P	14 17 23.6	+0.1
K22A	Casper	70.81	333	P	P	14 17 26.4	+1.2
K22A				P	P	14 17 24.0	-1.2
EDW2	Edwards Air Fo	70.85	320	P	P	14 17 27.1	+1.6
RSSD	Black Hills	71.02	335	P	pmax	14 17 25.7	-0.8
RSSD				pmax	pmax		
RSSD	Black Hills	71.02	335	P	P	14 17 27.7	+1.2
RSSD				P	P	14 17 25.7	-0.8
LRMC	Laurel Mtn Rad	71.08	321	P	P	14 17 28.8	+1.9
MPU	Maple Canyon	71.09	328	P	P	14 17 27.6	+0.7
PSUT	Pine Spring	71.28	323	P	P	14 17 28.3	+1.3
D32A	Dogwood Acres,	71.23	342	P	IAmb	14 17 28.6	-0.6
D32A				IAmb	IAmb	14 17 37.8	
NLU	North Lily Mtn	71.27	328	P	P	14 17 28.8	+0.7
TPNV	Topopah Spring	71.28	323	P	P	14 17 30.5	+2.4
TPNV				P	P	14 17 29.5	+1.3
TPNV	Topopah Spring	71.28	323	P	P	14 17 30.3	+2.4
FURC	Furnace Creek,	71.29	322	P	P	14 17 30.3	+2.4
MPMC	Manual Prospec	71.37	322	P	P	14 17 30.5	+1.7
JLU	Jordanelle	71.45	329	P	P	14 17 30.2	+1.0
CTU	Camp Tracy	71.67	328	P	P	14 17 29.9	-0.5
ISA	Isabella, Lake	71.67	321	P	pmax	14 17 31.0	+0.5
ISA				pmax	pmax		
ISA	Isabella, Lake	71.67	321	P	P	14 17 32.8	+2.3
ISA				IAmb	IAmb	14 17 43.3	
DUG	Dugway, Toeole	71.82	327	P	P	14 17 32.1	+0.8
DUG				pmax	pmax		
DUG	Dugway, Toeole	71.82	327	P	P	14 17 32.1	+0.8
DUG				pmax	pmax		
DUG	Dugway, Toeole	71.82	327	P	P	14 17 32.1	+0.8
DUG				IAmb	IAmb	14 17 43.9	

TCUT	Toone Canyon	71.83	329	P	P	14 17 32.0	+0.6
E28A	Huff	71.91	339	P	P	14 17 31.3	-0.2
R11A	Troy Canyon, C	71.92	324	P	P	14 17 34.2	+2.2
R11A				P	P	14 17 33.2	+1.3
GRAC	Grapevine Rang	71.95	322	P	P	14 17 34.9	+2.9
AGMN	Agassiz Nation	71.96	343	P	P	14 17 31.7	0.0
AGMN				P	P	14 17 31.3	-0.5
PKM	Mpherson Peak	71.96	319	P	P	14 17 34.5	+2.2
CWC	Cottonwood Cre	71.98	322	P	P	14 17 34.4	+2.0
TBI	Tubuai	72.03	251	eS	S	14 26 44.6	-9.3
TBI				LR	LR	14 39 24.0	
TBI	Tubuai	72.03	251	eLR	LR	14 39 24.0	
YES	Vestal, Richgr	72.16	321	P	P	14 17 35.0	+1.8
BW06	Boulder Array	72.24	331	P	P	14 17 35.1	+1.2
PD31	Pinedale Array	72.24	331	P	P	14 17 33.1	-0.8
PDAR	Pinedale Array	72.24	331	P	P	14 17 34.2	+0.4
PDAR				LR	LR	14 51 15.3	
PDAR				P	P	14 17 33.3	-0.6
PDAR				P	P	14 17 34.3	+0.2
SMMC	Simmler	72.35	320	P	P	14 17 37.0	+2.5
BGU	Big Grassy Mou	72.48	328	P	P	14 17 35.2	0.0
SPUT	South Promonto	72.48	328	P	P	14 17 35.8	+0.6
TIN	Tinemaha, Big	72.49	322	P	P	14 17 38.4	+3.1
MDND	Maddock	72.67	340	P	P	14 17 37.5	+1.5
MDND				P	P	14 17 36.2	+0.2
AHID	Auburn Hatcher	72.95	330	IAmb	IAmb	14 17 38.1	+0.1
AHID				IAmb	IAmb	14 17 49.8	
HVU	Hansel Valley	72.99	329	P	pmax	14 17 38.3	0.0
HVU				pmax	pmax		
HVU	Hansel Valley	72.99	329	P	P	14 17 38.3	0.0
MLAC	Mammoth, Mammo	73.23	322	P	P	14 17 42.2	+2.3
REDW	Red Top Meadow	73.30	331	P	IAmb	14 17 39.9	-0.2
REDW				IAmb	IAmb	14 18 04.2	
SNOW	Snow King Moun	73.33	331	P	P	14 17 39.8	-0.6
MDPB	Devils Postpil	73.38	322	IAmb	IAmb	14 17 41.0	+0.3
MDPB				IAmb	IAmb	14 17 53.3	
NV11	Mina Array Sit	73.40	323	P	P	14 17 39.6	-1.2
TPAW	Teton Pass	73.45	331	P	P	14 17 40.5	+0.4
ELK	Elko	73.47	326	P	pmax	14 17 41.2	0.0
ELK				pmax	pmax		
ELK	Elko	73.47	326	P	P	14 17 41.2	0.0
NVAR	Mina Array Bea	73.48	323	P	P	14 17 43.1	+1.8
NVAR				P	P	14 17 43.1	+1.8
NVAR	Mina Array Bea	73.48	323	P	P	14 17 41.9	+0.6
FXWY	Fox Creek	73.59	331	P	P	14 17 42.3	+0.4
PP2T	Papeete2	73.69	257	eS	SKIPP	14 27 04.0	-8.0
PP2T				LR	LR	14 27 04.0	-8.0
PP2T				LR	LR	14 42 26.5	
PPT	P						

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like KASI Kota Agung, LWLI Liwa, MDSI Maura Dua, etc.

IDC 06 14:26:43.0.0.8, 201.31S:70.90W, h0km, mb3.77, mb1 4.0/10, mb1mx3.9/31, mbtm3p.8/10, ML3.8/3, Error ellipse: s-maj=23.1km s-min=14.0km az=56.0 NEIC 06 14:26:43.0.2.1, 201.41S:02.71W, 0.05V, h10km, 4km, mb4.5/6, Error ellipse: s-maj=7.3km s-min=1.0km az=117.0

GUC 06 14:26:44.0.2.0, 201.41S:71.05W, h32km, 3km, ML4.1 VAO 06 14:26:49.5.1.0, 201.47S:71.03W, h48km, 7km, mb4.2 ISC 06 14:26:42.9.1.6, 20.43S:03.71W, 0.05V, h6km, 10km, n85, a1914/93, mb3.8/8, 3C-4D, Off coast of northern Chile

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like TA01 Diego Aracena, TA01 Tixi, TA01 Patcx, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like PB08 IPOC Station P, PB16 IPOC Station P, PB12 IPOC Station P, etc.

IDC 06 14:38:22.6.1.8, 5.15N:127.74E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/39, mbtm3p.5/5, Error ellipse: s-maj=111.1km s-min=27.0km az=70.0 ISC 06 14:38:23.9.1.7, 5.2N:0.3E:127.8E:0.5, h10km, n6, c0568/7, mb3.5/5, Philippine Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like TBP Tagbilaran, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like KUR 15nm,0.2s, KUR 189nm,0.3s, JRA Rausu, etc.

IDC 06 14:58:53.2.0.8, 35.96N:97.17W, h0km, mb3.1/2, mb1 3.8/9, mb1mx3.5/56, mbtm3p.5/9, ML3.5/7, MS2.9/1, Ms1 2.9/1, ms1mx2.5/18, Error ellipse: s-maj=12.2km s-min=8.3km az=179.0 TUL 06 14:58:54.9.2.0, 35.99N:0.04E:97.27W:0.05, h5km, 6km, JMSB Kuroshihanak, JKHJN Kashiroh, JNK Nakashi, JAK Akkeshi, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like ADOK Arcadia Dam, OK001 Jones High Sch, OK009 Oakdale Elemen, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PM0, N38A, 143A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like H43A, S52A, E38A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PSA00, CMAR, STKA, etc.

NEIC 06 15:05:33.5, 1.7, 13.97N, 0.08, 144.75E, 0.17km, h143km, 5km, mb4, 6/88, Error ellipse: s-maj=14.7km

IDC 06 15:05:33.0, 0.4, 13.95N, 144.82E, h136km, 3km, mb3.8/17, mb1.4/0.18, mb1mx3.7/59, mbmp4.2/18, Error ellipse: s-maj=20.7km, s-min=7.1km, az=95.0

ISC 06 15:05:33.7, 0.4, 13.94N, 0.07, 144.75E, 0.10, h144km, n128, c08/85/116, mb4.5/51, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GUMO, GUMQ, GUMU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BHOU Houvegnez, BCLA Clavier, BGES Gesves, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PVAQ Vaqueiros, PVAQ Vaqueiros, PBDV Barranco-do-Ve, etc.

ROM 06 15:32:49.4-0.1, 43:353N-0:004:43:035E-0:006, h95km, ML1.0/7, 1C, Error ellipse: s-maj=0.4km s-min=0.3km az=246.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CING Cingoli, SNTG Esanatoglia, SNTG Esanatoglia, etc.

WEL 06 15:42:14.9-0.4, 34:054N-17:19W, h33km, M4.1/42, mB4.8/12, ML4.6/41, MLV4.5/42, Mw(MB)4.0/21, South of Kermadec Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PAWZ Paruwai Farm, MSWZ Moikau Station.

IDC 06 15:56:46.2-1.7, 20:45S:70:88W, h0km, mb3.2/2, mb1 3.5/4, mb1mx3.4/20, mbtm3.3/4, ML3.5/2, Error ellipse: s-maj=46.0km s-min=27.1km az=68.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PATCX Punta Patache, PBO2 IOPC Station P, PBO2 IOPC Station P, etc.

NNC 06 15:11:26.3-0.9, 37:34N-71:97E, h0km, mb3.6, mpv3.4, 4C-1D, Error ellipse: s-maj=75.2km s-min=50.3km az=144.0, Afghanistan-Tajikistan border region

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

NEIC 06 16:25:42.0-1.1, 19:22N:0:08-145:45E:0:01, h181km, Gm, mb4.5/45, Error ellipse: s-maj=12.5km s-min=3.1km az=199.0

IDC 06 16:25:42.6-2.0, 19:23N:145:37E, h184km, 19km, mb3.6/20, mb1 3.7/22, mb1mx3.6/43, mbtm4.1/22, MS2.8/1, Ms1 2.8/1, ms1mx2.3/32, Error ellipse: s-maj=16.4km s-min=10.0km az=88.0

ISC 06 16:25:43.8-0.4, 19:16N:0:06-145:4E:0:1, h200km, n83, c0589/83, mb4.2/38, Mariana Islands

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

6d 16h

Table with columns: NEW, comp=, HAWA, H04A, WALA, RES, PINE, HUMO, JMTT, YB, BMO, PETK, MOD, WDC, O03E, MFID, QLMT, YHB, PAHR, YHH, YMR, YNR, YCNR, YNE, PNTR, RLMT, RLWY, FLWY, YERR, MW, FXWY, TPWA, WAKR, LAO, LAO, ELK, SNOW, KVN, REDW, RYN, HWU, NVAR, NVAR, NV11, OMMB, HWUT, BW06, PD31, PDAR, PDAR, DUG, DUG, R11A, R11A, NLU, CWC, MPU, PSUT, TPNV, TPNV, ULM, ULM, MPMC, RSSD, RSSD, RSSD, TMUT, RWWY, RWWY, MSU, Q16A, COLT, SHPR, SRU, MTPU, GSC, GSC, O20A, O20A, AGMN, AGMN, AGMN, KNB, PV09, PV21, GMRC, PV23, PV22, PV10, PV14, PV04, U15A, PV19

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Table with columns: PV19, PV16, PV17, PV07, PV11, PV12, PV18, PV03, PV05, PV13, PV02, PV15, PV15, PV01, W13A, ISCO, PFO, XPFO, IRM, MVCO, MVCO, WUAZ, WUAZ, Y12C, Q24A, S22A, EYMN, EYMN, ECSD, ECSD, SDCO, E38A, KSCO, KSCO, X18A, ANMO, G40A, G40A, E43A, E43A, 121A, HATH, KSU1, JFWS, JFWS, H43A, L40A, L40A, E46A, AMTX, AMTX, D47A, MSTX, MSTX, P38A, P38A, HSIG, D48A, MNTX, MNTX, T35A, T35A, P40A, WMOK, WMOK, HDIL, HDIL, R40A, VLDK, NRIK, W35A, P43A, P43A, U38A, U38A, D53A, E52A, ABTX, ABTX, ABTX, SFIN, SFIN, FVM, FVM, U40A, U40A

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Table with columns: U40A, N47A, E54A, T42A, TX31, TX32, TXAR, TXAR, N48A, D55A, S44A, N48A, N49A, N49A, H53A, O48A, D56A, PBMO, MIAR, MIAR, JCT, JCT, TRQ, D58A, O50A, PEBM, M52A, M52A, J54A, J54A, W54A, W54A, ALLY, WVN, N53A, M54A, M54A, Q51A, Q51A, L55A, L55A, M55A, L56A, OXF, OXF, O54A, P53A, P53A, P53A, J58A, M56A, U49A, U49A, PLAL, PLAL, L57A, N56A, BINY, SSPA, M58A, O57A, 146A, O58A, M60A, O59A, U55A, Z50A, Z50A, KSR5, SONM, SONM, ZAAO, ZAAO, ZALV, ZALV, KURK, KURK, BRVK, BRVK, MK31, MKAR, MKAR, MKAR, MKAR, WMQ, LZH, LZH, LZH, LZH, LZH, LZH, MTJD, ABKAR, ABKAR, ABKAR, KK31, KKAR, KKAR, KKAR, SLVN, SDV, SDV, CMAR, CMAR

CRAAG 06 16:59:01.2, 35:32N: 1:93E, M12.7
MDD 06 16:59:03.0, 2.2, 35:21N: 1:92E, h0km, mb3.7/3, Error
ellip:se = m-aj=30.4km s-min=11.4km az=8.0, PRXIMO
SOLUCIN POBRE

ISC 06 16:59:03.2.7.353N.02.192E.0'06, h10km, n7, o#88/10, Northern Algeria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DJebel Kef Gue, DJebel Djouab, and others.

IDC 06 17:16:17.6.0.7.46.79N.155.38E, h0km, mb3.7/9, m1 3.8/10, mb1mx3.5/47, mbtmp3.6/10, ML2.4/1, MS2.9/1, Ms1 2.9/1, ms1mx2.2/26, Error ellipse: s-maj=14.7km s-min=4.3km az=129.0

NEIC 06 17:16:22.1.8.46.9N.01.155.3E.0.2, h31km, 6km, mb4.3/11, Error ellipse: s-maj=21.7km s-min=15.7km az=125.0

ISC 06 17:16:20.0.0.8.46.8N.01.155.4E.0.1, h17km, n28, o#108/25, mb4.0/14, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Petropavlovsk, Petk, and others.

IDC 06 18:02:35.3.0.9.10.67N.126.10E, h0km, mb3.8/11, m1 4.0/11, mb1mx3.8/40, mbtmp3.8/11, Error ellipse: s-maj=16.4km s-min=15.3km az=69.0

MAN 06 18:02:46.8.10.51N.125.89E, h61km, MS3.5, NEIC 06 18:02:50.0.2.8.10.44N.0.09.125.8E.0.1, h129km, 9km, mb4.2/12, Error ellipse: s-maj=16.8km s-min=9.9km az=127.0

ISC 06 18:02:45.9.1.1.10.57N.0.04.125.94E.0.09, h86km, 9km, n52, o#125/54, mb3.9/14, 4C-3D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Surigao, Maasin, Ormoc, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 40.48, WAKE ISLAND Hy 40.49, and others.

IDC 06 18:07:49.6.0.7.43.82N.105.54W, h0km, mb4.0/9, m1 3.9/16, mb1mx3.8/49, mbtmp3.8/16, ML3.5/6, MS3.0/6, Ms1 3.0/6, ms1mx2.6/61, Error ellipse: s-maj=17.8km s-min=6.3km az=148.0

NEIC 06 18:07:50.1.6.43.74N.0.05.105.29W.0.08, h0km, 1km, ML3.7/54, Error ellipse: s-maj=9.9km s-min=7.3km az=288.0

ANF 06 18:07:50.1.0.3.43.69N.105.30W, h1km, ML3.9/13, Error ellipse: s-maj=4.1km s-min=2.9km az=121.0

ISC 06 18:07:49.6.0.5.43.70N.0.03.105.32W.0.03, h0km, n105, o#139/109, mb4.0/05, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Black Hills, Black Hills Casper, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Eagleton, Jordanelle, Maddock, and others.

ISC 06 18:07:49.6.0.5.43.70N.0.03.105.32W.0.03, h0km, n105, o#139/109, mb4.0/05, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cedar Bluff, Castle Valley, and others.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like PBRG Braganca, LDF La Druitiere, SFTF Sextfontaines, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like PVAQ Vaqueiros, LPAZ La Paz, LVC Limon Verde, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like UDBI Udbina, CRES Cresnjev, BLY Banja Luka, etc.

STON			Sb	Sn	18 21 22.1 +0.9
STON			Sg	Sg	18 21 24.4 -6.4
STON	Ston	2.61 154	ePn	Pn	18 20 50.5 +1.1
BBL5	Lazi#263;i	2.71 119	ePn	Pn	18 21 22.1 +0.9
BBL5			eSg	Sg	18 20 54.4 -1.2
BBL5	Lazi#263;i	2.71 119	ePn	Pn	18 21 22.1 +0.9
BBL5			eSn	Sn	18 20 51.3 +0.6
BBL5	Lazi#263;i	2.71 119	ePn	Pn	18 21 25.0 +1.3
BBL5			Pb	Pb	18 20 51.3 +0.6
BBL5			Pb	Pb	18 20 54.4 -1.2
BBL5			Sn	Sn	18 21 25.0 +1.3
BBL5			Sg	Sg	18 20 51.3 +0.6
CONA	Conrad Observa	2.71 356	ePn	Pn	18 20 50.8 +0.1
CONA	comp=Z,1.4nm,0.2s,SNR=9.0				
CONA			Sn	Sn	18 21 21.6 -2.1
CONA	comp=Z,3.4nm,0.4s				
CONA	Conrad Observa	2.71 356	Pb	Pn	18 20 50.8 +0.1
CONA	comp=Z,1.4nm,0.2s				
CONA			Sn	Sn	18 21 21.6 -2.1
CONA			Sn	Sn	18 21 21.6 -2.1
BRY	Bratogost	2.90 142	ePn	Pn	18 20 53.8 +0.3
BRY			eSn	Sn	18 21 29.5 +0.9
BRY	Bratogost	2.90 142	Pn	Pn	18 20 53.8 +0.3
BRY			Sn	Sn	18 21 29.5 +0.9
MOA	Mollin	2.92 334	ePn	Pn	18 20 53.8 +0.2
MOA			Pn	Pn	18 20 53.6 0.0
MOA	Mollin	2.92 334	Pn	Pn	18 20 53.6 0.0
MOA	comp=Z,0.8nm,0.2s				
MOA			Pg	Pn	18 20 53.8 +0.2
DBRK	Dubrovnik	2.94 150	ePn	Pn	18 20 54.8 +0.9
DBRK	Dubrovnik	2.94 150	ePn	Pn	18 20 54.8 +0.9
ABTA	Abfaltersbach	2.95 302	Pn	Pn	18 20 56.0 +2.0
ABTA	comp=Z,0.5nm,0.2s				
ABTA	Abfaltersbach	2.95 302	Pn	Pn	18 20 56.0 +2.0
ABTA	comp=Z,0.5nm,0.2s				
DIVS	Divibare	2.98 111	ePn	Pn	18 20 53.9 -0.9
DIVS	Divibare	2.98 111	ePn	Pn	18 20 55.5 +1.1
DIVS	Divibare	2.98 111	Pn	Pn	18 20 53.9 -0.9
DIVS	Divibare	2.98 111	Pb	Pb	18 20 55.5 +1.1
DIVS	Divibare	2.98 111	Sn	Sn	18 21 31.5 +1.2
TREB	Trebinje	2.98 147	ePn	Pn	18 20 55.9 +2.4
TREB			eSg	Sg	18 21 34.0 +3.8
TREB	Trebinje	2.98 147	ePn	Pn	18 20 55.8 +1.4
TREB			eSn	Sn	18 21 31.5 +1.3
TREB	Trebinje	2.98 147	Pn	Pn	18 20 55.8 +1.4
TREB			Pb	Pb	18 20 56.8 +2.4
TREB			Sn	Sn	18 21 31.5 +1.3
TREB			Sb	Sb	18 21 34.0 +3.8
MODS	Modra-Piesok	3.24 14	eSn	Sn	18 21 32.0 -4.8
MODS	Modra-Piesok	3.24 14	eSn	Sn	18 21 32.0 -4.8
IVAS	Ivanjica	3.32 118	ePn	Pn	18 20 57.3 -1.9
IVAS	Ivanjica	3.32 118	Pn	Pn	18 20 57.3 -1.9
SJES	Sjenica	3.39 124	ePn	Pn	18 20 57.8 -2.3
SJES	Sjenica	3.39 124	Pn	Pn	18 20 57.8 -2.3
BANR	Banloc	3.53 86	ePn	Pn	18 21 00.7 -1.3
BANR	Banloc	3.53 86	Pn	Pn	18 21 00.7 -1.3
BANR			Pn	Pn	18 21 00.7 -1.3
GRUS	Gruga	3.54 111	ePn	Pn	18 21 00.2 -1.9
GRUS	Gruga	3.54 111	Pn	Pn	18 21 00.2 -1.9
PDG	Podgorica	3.60 140	ePn	Pn	18 21 03.0 +0.2
PDG			Sn	Sn	18 21 48.3 +2.8
PDG	Podgorica	3.60 140	Pn	Pn	18 21 03.0 +0.2
PDG			Pn	Pn	18 21 03.0 +0.2
PDG			Sn	Sn	18 21 48.3 +2.8
WTTA	Wattenberg	3.73 305	ePn	Pn	18 21 06.8 +2.0
WTTA	Wattenberg	3.73 305	Pn	Pn	18 21 06.9 +2.0
WTTA	comp=Z,0.5nm,0.2s				
WTTA			Pn	Pn	18 21 06.8 +2.0
WTTA			Pn	Pn	18 21 06.9 +2.0
PSZ	Piszkesteto	3.74 43	ePn	Pn	18 21 03.2 -1.7
PSZ	Piszkesteto	3.74 43	ePn	Pn	18 21 03.2 -1.7
PSZ	Piszkesteto	3.74 43	Pn	Pn	18 21 03.2 -1.7
PSZ	Piszkesteto	3.74 43	Pb	Pb	18 21 03.2 -1.7
PSZ	Piszkesteto	3.74 43	Sn	Sn	18 21 07.1 -1.4
VYHS	Vyhne	3.75 29	ePn	Pn	18 21 03.0 -2.1
VYHS	Vyhne	3.75 29	eSn	Sn	18 21 47.3 -2.1
VYHS	Vyhne	3.75 29	ePn	Pn	18 21 03.0 -2.1
VYHS	Vyhne	3.75 29	eSn	Sn	18 21 47.3 -2.1
VYHS	Vyhne	3.75 29	eSg	Sg	18 22 11.5 +4.0
DRME	Dracevica, Mon	3.76 143	ePn	Pn	18 21 05.0 +0.4
DRME	Dracevica, Mon	3.76 143	eSn	Sn	18 21 49.2 -0.3
DRME	Dracevica, Mon	3.76 143	Pn	Pn	18 21 05.0 +0.4
DRME	Dracevica, Mon	3.76 143	Sn	Sn	18 21 49.2 -0.3
KRUC	Moravsky	3.84 3	Pn	Pn	18 21 05.3 -0.9
KRUC	Moravsky	3.84 3	Pn	Pn	18 21 43.3 -7.6
KRUC	Moravsky	3.84 3	ePn	Pn	18 21 05.3 -0.9
KRUC	Moravsky	3.84 3	eSn	Sn	18 21 43.9 -7.6
BZS	Buzias	3.88 82	ePn	Pn	18 21 07.7 +0.9
BZS	Buzias	3.88 82	ePn	Pn	18 21 06.4 -0.4
BZS	Buzias	3.88 82	eSg	Sg	18 21 53.4 +0.9
BZS	Buzias	3.88 82	Pn	Pn	18 21 06.3 -0.4
BZS	Buzias	3.88 82	Pb	Pb	18 21 06.4 -0.4
BZS	Buzias	3.88 82	Sn	Sn	18 21 07.7 +0.9
VRAC	Vranov	4.09 4	ePn	Pn	18 21 07.3 -2.4
VRAC	Vranov	4.09 4	eSg	Sg	18 21 55.3 -2.5
VRAC	Vranov	4.09 4	Pn	Pn	18 21 07.3 -2.4
VRAC	Vranov	4.09 4	Pb	Pb	18 21 09.1 -0.6
VRAC	Vranov	4.09 4	Sn	Sn	18 21 55.3 -2.5
VRAC	Vranov	4.09 4	ePn	Pn	18 21 09.1 -0.6
SELS	Selova	4.11 118	ePn	Pn	18 21 08.5 -1.4
SELS	Selova	4.11 118	Pn	Pn	18 21 08.5 -1.4
KHC	Kasperske Hory	4.28 337	ePn	Pn	18 21 12.4 +0.2
KHC	Kasperske Hory	4.28 337	eSn	Sn	18 22 02.0 -0.3
KHC	Kasperske Hory	4.28 337	ePn	Pn	18 21 12.4 +0.2
KHC	Kasperske Hory	4.28 337	eSn	Sn	18 21 12.4 +0.2
KHC	Kasperske Hory	4.28 337	eSg	Sg	18 22 02.0 -0.3
KHC	Kasperske Hory	4.28 337	Sn	Sn	18 22 02.0 -0.3
BOVS	Bovan	4.30 110	ePn	Pn	18 21 12.2 -0.3
BOVS	Bovan	4.30 110	Pn	Pn	18 21 12.2 -0.3
HERR	Herculane	4.46 92	ePn	Pn	18 21 13.0 -1.8
HERR	Herculane	4.46 92	ePn	Pn	18 21 13.0 -1.8
HERR	Herculane	4.46 92	Pn	Pn	18 21 13.1 -1.6
ZAGS	Zajecar	4.59 106	ePn	Pn	18 21 15.8 -0.7
ZAGS	Zajecar	4.59 106	Pn	Pn	18 21 15.8 -0.7
MORC	Moravsky Berou	4.65 11	ePn	Pn	18 21 15.2 -2.2
MORC	Moravsky Berou	4.65 11	eSg	Sg	18 22 09.5 -2.0
MORC	Moravsky Berou	4.65 11	Pn	Pn	18 21 15.2 -2.2
MORC	Moravsky Berou	4.65 11	Pb	Pb	18 21 15.2 -2.2
MORC	Moravsky Berou	4.65 11	Sn	Sn	18 22 09.5 -2.0
BARS	Barje	4.75 118	ePn	Pn	18 21 16.3 -2.5
BARS	Barje	4.75 118	Pn	Pn	18 21 16.3 -2.5
KRLC	Kraljiky	4.87 5	eSn	Sn	18 22 14.3 -2.6
KRLC	Kraljiky	4.87 5	Sn	Sn	18 22 14.3 -2.6
CLL	Collm	6.43 342	eSg	Sg	18 23 39.0 +5.8
CLL	Collm	6.43 342	Lg	Lg	18 23 39.0

NTC	Toucheng	0.22 0	eP	Pn	18 21 25.1 +0.3
NTC	baz=354				
ENTT	Nicoudu	0.24 273	eP	Pn	18 21 33.4 +0.3
ENTT	baz=278				
ENTT	Nicoudu	0.24 273	eP	Pn	18 21 25.0 0.0
ENTT	baz=278				
EOS1	EOS1	0.28 106	eP	Pn	18 21 33.2 0.0
EOS1	baz=96				
EOS1	EOS1	0.28 106	eP	Pn	18 21 25.6 +0.5
EOS1	baz=96				
NDT	Datong Townshi	0.29 265	eP	Pn	18 21 35.0 +1.5
NDT	baz=270				
NDT	Datong Townshi	0.29 265	eP	Pn	18 21 25.2 -0.1
NDT	baz=270				
NWLT	Wulai	0.33 296	eP	Pn	18 21 33.4 -0.3
NWLT	baz=270				
NWLT	Wulai	0.33 296	eP	Pn	18 21 25.4 -0.2
NWLT	baz=301				
NWLT	Wulai	0.33 296	eP	Pn	18 21 33.5 -0.7
NWLT	baz=301				
TIPB	Shuangxi	0.34 359	eP	Pn	18 21 25.8 +0.1
TIPB	baz=352				
TIPB	Shuangxi	0.34 359	eP	Pn	18 21 34.2 -0.1
TIPB	baz=352				
TWB1	Santiao Chiao	0.40 21	eP	Pn	18 21 26.1 0.0
TWB1	baz=31				
TWB1	Santiao Chiao	0.40 21	eP	Pn	18 21 34.9 -0.2
TWB1	baz=31				
TWA	Mucha	0.41 328	eP	Pn	18 21 26.2 +0.1
TWA	baz=323				
TWA	Mucha	0.41 328	eP	Pn	18 21 35.2 -0.1
TWA	baz=323				
YHNB	Yeheng	0.41 276	eP	Pn	18 21 25.9 -0.3
YHNB	baz=289				
YHNB	Yeheng	0.41 276	eP	Pn	18 21 34.7 -0.7
YHNB	baz=289				
NSK	Sanguang	0.43 276	eP	Pn	18 21 26.0 -0.4
NSK	baz=290				
NSK	Sanguang	0.43 276	eP	Pn	18 21 34.7 -1.0
NSK	baz=290				
NHHD	Kingyan Distri	0.43 320	eP	Pn	18 21 26.2 0.0
NHHD	baz=315				
NHHD	Kingyan Distri	0.43 320	eP	Pn	18 21 35.3 -0.2
NHHD	baz=315				
NWF	Wu-fen Shan	0.44 354	eP	Pn	18 21 26.6 +0.1
NWF	baz=356				
NWF	Wu-fen Shan	0.44 354	eP	Pn	18 21 35.7 -0.1
NWF	baz=356				
WFSB	Wu-fen Shan	0.44 354	eP	Pn	18 21 26.5 +0.2
WFSB	baz=356				
WFSB	Wu-fen Shan	0.44 354	eP	Pn	18 21 35.7 +0.1
WFSB	baz=356				
NNSB	Datong	0.45 244	eP	Pn	18 21 26.6 0.0
NNSB	baz=240				
NNSB	Datong	0.45 244	eP	Pn	18 21 35.6 -0.4
NNSB	baz=240				
NNSB	Datong	0.45 244	eP	Pn	18 21 26.7 +0.1
NNSB	baz=240				
NNSH	Datong	0.45 244	eP	Pn	18 21 26.7 +0.1
NNSH	baz=240				
NNSH	Datong	0.45 244	eP	Pn	18 21 35.4 -0.7
NNSH	baz=240				
NNS	Nan Shan	0.46 246	eP	Pn	18 21 26.6 0.0
NNS	baz=241				
NNS	Nan Shan	0.46 246	eP	Pn	18 21 35.8 -0.3
NNS	baz=241				
TATO	Taipei	0.46 318	eP	Pn	18 21 26.3 -0.2
TATO	baz=313				
TATO	Taipei	0.46 318	eP	Pn	18 21 35.6 -0.3
TATO	baz=313				
TAP1	Taipei	0.49 326	eP	Pn	18 21 26.9 +0.1
TAP1	baz=319				
TAP1	Taipei	0.49 326	eP	Pn	18 21 36.8 +0.4
TAP1	baz=319				
NACB	Ninganchiao	0.50 205	eP	Pn	18 21 26.0 -0.9
NACB	baz=215				
NACB	Ninganchiao	0.50 205	eP	Pn	18 21 35.5 -1.0
NACB	baz=215				
TAP	Taipei	0.50 324	eP	Pn	18 21 26.9 0.0
TAP	baz=319				
TAP	Taipei	0.50 324	eP	Pn	18 21 36.6 +0.1
TAP	baz=319				
ETLH	Xiulin Townshi	0.53 217	eP	Pn	18 21 26.7 -0.5
ETLH	baz=225				
ETLH	Xiulin Townshi	0.53 217	eP	Pn	18 21 36.3 -0.9
ETLH	baz=225				
YMO1	YMO1	0.57 335	eP	Pn	18 21 27.6 0.0
YMO1	baz=330				
YMO1	YMO1	0.57 335	eP	Pn	18 21 37.8 0.0
YMO1	baz=330				
WLTB	Daxi	0.57 293	eP	Pn	18 21 27.6 +0.1
WLTB	baz=295				

6d 19h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like H1S2 WAKE ISLAND, H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, ASAR Alice Springs, MKAR Makanchi Array.

DJA 06 18:39:21.5:0.2:5.3:10^5E:1, h216km,3km, M4.5/19, mB5.3/6, mb4.3/13, ML4.6/19, Mw(mb)4.7/6
IDC 06 18:39:22.3:1.7:4.18S:104.78E, h208km,15km, mb3.4/10, Ms1 3.0/2, ms1mx2.5/9, mbtmp4.0/12, MS3.1/2, Ms1 3.1/2, ms1mx2.5/31, Error ellipse: s-maj=26.4km s-min=12.7km az=47.0

NEIC 06 18:39:22.7:2.1, 4.39S:0.06:104.66E:0.06, h216km,6km, mb4.0/15, Error ellipse: s-maj=9.9km s-min=5.4km az=135.0
ISC 06 18:39:22.0:6.439S:0.07:104.66E:0.07, h212km,5.5km, n70, a:1926/76, mb3.8/17, Southern Sumatras

Main table for 6d 19h section, listing various seismic stations and their parameters. Includes stations like MDSI Maura Dua, LWLI Liwa, PMBI Palembang, MNAI Manna, KSI Kapahiang, DBJI Dramaga, SKJI Sukabumi, CNJI Cibinong, LEM Lembang, MDSI Maura Dua, LWLI Liwa, PMBI Palembang, MNAI Manna, KSI Kapahiang, DBJI Dramaga, SKJI Sukabumi, CNJI Cibinong, LEM Lembang, etc.

IDC 06 18:41:48.6:3.3, 14.36S:174.33W, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.6/6, mbtmp3.7/5, MS3.5/1, Ms1 3.5/1, ms1mx3.0/38, Error ellipse: s-maj=187.2km s-min=28.2km az=139.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like DZM Mont Dzumac, PPT Papeete, PPT2 Papeete2.

2014 APR

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like TBI Tubuai, STKA Stephens Creek, WRA Warrunguna Arr, ASAR Alice Springs, ILAR Eielson Array, YKA Yellowknife Ar, BRTR Keskin Array B, GERES Geres Array B.

IDC 06 19:02:37.5:1.1, 15.08S:173.52W, h0km, mb3.8/7, mb1 4.1/7, mb1mx3.8/44, mbtmp3.8/7, MS4.0/24, Ms1 4.0/24, ms1mx3.9/36, Error ellipse: s-maj=51.2km s-min=22.2km az=135.0
NEIC 06 19:02:38.9:1.8, 15.65S:0.2:173.3W:0.1, h13km,6km, mb4.1/5, Error ellipse: s-maj=29.0km s-min=17.6km az=206.0

GCMT 06 19:02:46.9:0.3, 14.97S:0.02:173.04W:0.02, h17km,1km, MV4.8/85, Moment Tensor Solution, s13,c15: s85,c11; Duration: 0 Moment tensor: Scale 10^19Nm, Mr:0.96;13; Mw:0.52; 0; Mww:1.51; 0; Ml:0.37; 23; Mw:1.23; 0; Ml:0.91; 20; East double couple: Ml:2.02;00:1016 NP1:116.00000; 851.00000; 1.25.00000; NP2: 0:10.00000; 871.00000; 1.138.00000; Principal axes: T 1.8500, Plg43.0000; Azm325.0000; N 0.4250, Azm45.0000; Azm169.0000; P -2.2740, Plg12.0000; Azm67.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 06 19:02:38.3:0.7, 15.45S:0.1:173.3W:0.1, h10km, n46, a:1933/21, mb3.9/9, MS4.1/24, Tonga Islands

Main table for 2014 APR section, listing various seismic stations and their parameters. Includes stations like AFI Afiamalu, NIUE Niue, RAR Rarotonga, RAO Rapa Island, DZM Mont Dzumac, DZM Dzumac, PAE Paea, PPT Papeete, PPT2 Papeete2, TBI Tubuai, HNR Honiara, TAOE Nuku Hiva Isla, TOO Toolangi, STKA Stephens Creek, STKA Warrunguna Arr, WRA Warrunguna Arr, WRA Alice Springs, ASAR Alice Springs, VDA Vanda, MJAR Matushiro Arr, PETK Petropavlovsk, NVAR Mina Array Bea, USRS Ussuriysk Arr, BBB Bella Bella, TXAR Lajitas Array, PDAR Pinedale Array, ILAR Eielson Array, IMAR Indian Mountain, BMAR Burnt Mountain, MAW Mawson, PSI Paso Flores, PLCA Paso Flores, YKA Yellowknife Ar, YKA Chiang Mai Arr, ULM Lac du Bonnet, SONH Songino Array, AKASG Malin Array B, KHC Kasperske Hory, GERES Geres Array B, BRTR Keskin Array B, BRTR Keskin Array A.

IDC 06 19:12:59.3:0.6, 50.49N:159.96E, h0km, mb4.2/26, mb1 4.3/27, mb1mx4.3/47, mbtmp4.2/27, ML3.2/1, MS3.3/6, Ms1 3.6/2, ms1mx2.9/44, Error ellipse: s-maj=15.8km s-min=11.6km az=164.0
BUJ 06 19:13:01.7:0.0, 50.60N:160.14E, h33km, mb4.9/25, mb4.5/33, Ms4.6/9, Ms7.4/34
KRSC 06 19:13:02.6:1.6, 50.59N:159.84E, h80km, mb4.7/26, MOS 06 19:13:02.0:8.50, 53N:160.00E, h38km, mb4.4/14, Error ellipse: s-maj=8.1km s-min=3.2km az=94.4
NEIC 06 19:13:05.5:1.6, 50.51N:160.09E:0.2, h42km,6km, mb1 6/6, Error ellipse: s-maj=14.7km s-min=13.6km az=79.0

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Main table for 508 section, listing various seismic stations and their parameters. Includes stations like Code, Station Name, Az, Az2, Phase ID, Time Res, Res ISC. Includes stations like RUS Russkaya, MUT Mutnovka, GRL Gorelyy, SKR Severo-Kuril's, SKR Severo-Kuril's, SPN Mys Shipunski, SPN Karymshinskiy, KRMR Karymshinskiy, DALK Dalny, DALK Dalny, PET Petropavlovsk, PET Petropavlovsk, NLC Nalytchevo, NLC Nalytchevo, MPR Malaya Ipe'l'ka, MPR Malaya Ipe'l'ka, UGLR Uglovaya, UGLR Uglovaya, SMAR Somma, SMAR Somma, ALID Alaid, ALID Alaid, AVH Avacha, AVH Avacha, KRR Koryakskii, KRR Koryakskii, KOK Koryaka, KOK Koryaka, PEAB Petropavlovsk, PEAB Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, TUMR Tumrok, TUMR Tumrok, KMRN Kamenistaya, KMRN Kamenistaya, BZGR Bezymyanni-Gr, BZGR Bezymyanni-Gr, KIRR Kirishev, KIRR Kirishev, KPT Kopyto, KPT Kopyto, ESO Esso, ESO Esso, ZLN Zelenaya, ZLN Zelenaya, KZR Zelenaya, KZR Zelenaya, KOZ Kozryevsk, KOZ Kozryevsk, LGNR Loginova, LGNR Loginova, LGNR Loginova, CIRR Tsirk, CIRR Tsirk, KRKR Krestovskiy, KRKR Krestovskiy, SRDR Sredniny, SRDR Sredniny, KLY Klyuchi, KLY Klyuchi, BKI Bering, BKI Bering, KBTR Krutoberegovo, KBTR Krutoberegovo, KUR Kuril'sk, KUR Kuril'sk, MAGAD Magadan, MAGAD Magadan, TILK Tilichiki, TILK Tilichiki, UGL Uglegorsk, UGL Uglegorsk, UGL comp=Z,129nm,1.2s, UGL comp=Z,2jm,19.0s, UGL comp=N,5jm,18.0s, Yuzh-Sakhalins, Yuzh-Sakhalins, KMSK Kamenskaya, KMSK Kamenskaya, SEY Seymchan, SEY Seymchan, Bilbino, Bilbino, Bilbino, Bilbino, KLR Kul'dur, KLR Kul'dur, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, YAK comp=Z,20nm,0.8s, YAK comp=N,3.0nm,1.0s, YAK comp=E,11nm,1.3s, YAK comp=E,76nm,3.0s.

Table with columns: CPUP, Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes entries for Villa Florida, Villa Florida, Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes entries for HIN Hinchinbrook I, HIN Hinchinbrook I, HIN Hinchinbrook I, etc.

Table with columns: CASEY, Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes entries for CASEY Casey, H10S2 ASCENSION HYDR66.66, H10S3 ASCENSION HYDR66.66, etc.

IDC 06 22:03:48.3±8.20, 47S:71.03W, h0km, mb3.3/1, mb1 3.6/2, mb1mx3.3/2, mbtmp3.3/2, ML3.2/1, MS2.3/1, Ms1 2.4/1, ms1mx2.3/9, Error ellipse: s-maj=157.0km

IDC 06 22:03:55.0±8.0, 19.8S:70.43W, h40km, mb3.0/2, ML3.0/2, ms1mx2.3/9, Error ellipse: s-maj=157.0km

NEIC 06 22:33:15.2±1.2, 19.83S:0.03:71.07W, 0.05, h10km, 1km, mb4.0/4, ML3.9(GUC), Error ellipse: s-maj=8.0km s-min=4.4km az=299.0

IDC 06 22:33:16.7±1.6, 19.48S:71.08W, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.7/28, mbtmp3.8/4, ML4.0/1, Error ellipse: s-maj=51.5km s-min=31.0km az=108.0

GUC 06 22:33:19.3±0.8, 19.84S:70.91W, h39km, 2km, ML3.9 ISC 06 22:33:14.8±1.4, 19.8S:0.02:71.08W, 0.05, h9km, 9km, n4, n6:97/67, mb3.8/3, 5C-32, Offset: coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes entries for PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes entries for ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes entries for PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, etc.

IDC 06 22:14:57.1±2.5, 59.93N:148.34W, h0km, mb3.3/1, mb1 3.6/4, mb1mx3.3/46, mbtmp3.4/4, ML3.1/3, Error ellipse: s-maj=32.1km s-min=26.5km az=88.0

AEIC 06 22:15:05.4±1.9, 60.60N:0.03:147.05W, 0.06, h14km, 4km, ML3.1/97, Error ellipse: s-maj=5.0km s-min=4.1km

IDC 06 22:39:43.1±6.8, 19.69S:178.02W, h515km, 73km, mb3.4/6, mb1 3.8/7, mb1mx3.3/32, mbtmp4.4/7, Error ellipse: s-maj=38.6km s-min=21.5km az=56.0

NEIC 06 22:39:48.9±1.6, 19.8S:0.1:178.13W, 0.0, h585km, 8km, mb4.3/12, Error ellipse: s-maj=20.9km s-min=6.0km az=179.0

IDC 06 22:38:47.9±0.6, 19.8S:0.1:178.1W, 0.1, h569km, n33, r=1913/33, mb4.2/1, Fijil Islands region

7d 0h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Erkin-Say, Baital, Almayashu, etc.

TAP 06 23:43:47.4, 24:19N:121.75E, h10km, ML2.3, 1D, C,

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

TAP 06 23:43:52.5, 24:45N:121.90E, h24km, ML2.5, 2D, C,

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

2014 APR

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Toucheng, XiuLin Townshi, Chiawan, etc.

TEH 07 00:12:21.5, 32'48N:60'01E, h6km, ML4.2

TEH 07 00:12:21.5, 32'48N:60'01E, h6km, ML4.2
THR 07 00:12:22.6, 0.3, 32'49N:60'01E, h14km, 4km, ML4.3
IDC 07 00:12:21.1, 1.1, 32'44N:59'07E, h0km, mb3.7/18, mb1 3.9/21, mb1mx3.8/53, mbtmp3.8/21, ML3.1/2, MS3.3/25, Ms1 3.3/25, ms1mx3.2/54, Error ellipse: s-maj=22.0km s-min=15.1km az=16.0

MOS 07 00:12:25.1, 32'61N:60'12E, h16km, mb4.3/14, Error ellipse: s-maj=7.6km s-min=5.8km az=92.9

MOS 07 00:12:25.1, 32'61N:60'12E, h16km, mb4.3/14, Error ellipse: s-maj=7.6km s-min=5.8km az=92.9

NHC 07 00:12:26.7, 1.9, 32'71N:0'07.60E, h10km, 1km, mb4.0/22, mb_Lg4.2(TEH), Error ellipse: s-maj=11.1km s-min=9.0km az=133.0

NHC 07 00:12:26.7, 1.9, 32'71N:0'07.60E, h10km, 1km, mb4.0/22, mb_Lg4.2(TEH), Error ellipse: s-maj=11.1km s-min=9.0km az=133.0

NNC 07 00:12:32.1, 10.0, 33'28N:60'08E, h0km, mb4.0, Error ellipse: s-maj=128.4km s-min=67.8km az=47.0

NNC 07 00:12:32.1, 10.0, 33'28N:60'08E, h0km, mb4.0, Error ellipse: s-maj=128.4km s-min=67.8km az=47.0

ISC 07 00:12:24.0, 5.3, 32'56N:0'04.60E, h10km, n170, c293/160, mb4.0/34, MS3.3/21, 8C-12D, Northern and central Iran

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

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TKDS, TABS, Tabas, etc.

Table with columns: Station Name, Time, Az, El, P, M, R, S, I, C, H, M, S, I, C, H, M, S, I, C. Includes stations like Makanchi Array, Kurchatov Arra, and various IROC stations.

Table with columns: Station Name, Time, Az, El, P, M, R, S, I, C, H, M, S, I, C. Includes stations like ARCES ARCESS Array B, NOARSAR Array S, and various IROC stations.

DJA 07:00:27:09.6:0.4, 7°S:3°11'11"E, h11km, 4km, M3.6/10, ML3.6/10
IDC 07:00:27:47.1:4.2, 6°25'S: 111°71'E, h359km, 83km, mb2.7/4, mb1.3/0.4, mb1mx2.7/31, mbtmp3.5/4, Error ellipse: s-maj=307.1km s-min=16.9km az=49.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, I, C. Includes stations like SMRI Semarang, WOJW Wonogiri, UGM Wanganaga, and various IROC stations.

INET 07:00:41:20.3, 12°7'N:88°31'W, h68km, ML3.7
SNET 07:00:41:20.3:0.7, 12°7'N:88°30'W, h56km, 14km, ML3.4, 00-3D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, I, C. Includes stations like ALJI Alcalde de J, LCY Lacayo, CNCH Conchagua, and various IROC stations.

IDC 07:00:44:07.8:2.6, 5°14'S:147°08'E, h0km, mb3.4/4, mb1.3/7.6, mb1mx3.6/31, mbtmp3.6/6, ML4.0/1, Error ellipse: s-maj=71.5km s-min=25.9km az=97.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, I, C. Includes stations like PMG Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, and various IROC stations.

IDC 07:00:45:51.2:1.6, 16°84'S:70°57'W, h152km, 21km, mb3.5/4, mb1.3/7.6, mb1mx3.3/42, mbtmp4.0/8, Error ellipse: s-maj=29.2km s-min=15.2km az=108.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, I, C. Includes stations like AP01 Chacalluta, PB12 IROC Station P, and various IROC stations.

Table with columns: Station Name, Time, Az, El, P, M, R, S, I, C, H, M, S, I, C. Includes stations like PB11 Chusmiza, GO01 IROC Station P, and various IROC stations.

NEIC 07:00:56:43.0:2.0, 43°44'N:0°05:106°07'W, h0km, 2km, ML3.0/89, Error ellipse: s-maj=9.7km s-min=8.3km az=62.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, I, C. Includes stations like K22A Casper, RSSD Black Hills, RWWY Rawlins, and various IROC stations.

IDC 07:00:55:42.8:1.0, 43°42'N:0°04:105°56'W, h0km, n85, -1541/92, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, I, C. Includes stations like PD31 Pinedale Array, PDAR Pinedale Array, and various IROC stations.

IDC 07:00:55:50.5:0.8, 16°86'S:0°05:70°67'W, h156km, 8km, n51, -1935/71, mb3.9/7, 8C-1D, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, I, C. Includes stations like YUF Upper Falls, GCMT Greycliff, REDW Red Top Meadow, and various IROC stations.

IDC 07:00:56:33.1:2.6, 43°38'N:105°21'W, h0km, mb1.3/3.3, mb1mx3.1/64, mbtmp3.1/3, ML2.9/3, Error ellipse: s-maj=54.6km s-min=7.8km az=151.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, I, C. Includes stations like YPP Pithstone Pt, ISCO Idaho Springs, TPWA Teton Pass, and various IROC stations.

CHOS	Chios island	5.04 300	P	Pn	01 02 58.5 +1.0
CMBO	Columbo, Santo	5.04 277	P	Pn	01 02 58.7 +1.2
THR3	Thira Island,	5.04 276	P	Pn	01 02 58.3 +0.8
THR6	Thira Island,	5.05 276	P	Pn	01 02 58.4 +0.9
SAP1	Santorini-Akro	5.05 276	P	Pn	01 02 58.2 +0.6
LAST	Lastini	5.08 262	S	Pn	01 02 58.0 +0.6
LAST	Lastini	5.08 262	S	Pn	01 03 53.9 -1.5
IOSP	Ios island	5.16 280	P	Pn	01 03 00.5 +1.4
AMAZ	Amatzia	5.24 148	Pn	Pn	01 03 01.0 +0.7
AMAZ	Amatzia	5.24 148	Pn	Pn	01 03 57.7 -1.8
ILGA	Ilgaz	5.29 147	Pn	Pn	01 03 02.6 +1.5
DSI	Dead Sea	5.29 144	Pn	Pn	01 03 02.7 +0.7
YTIR	Yatir	5.48 147	Pn	Pn	01 03 04.0 +0.4
YTIR	Yatir	5.48 147	Pn	Pn	01 04 04.0 -1.3
IDI	Anoyia	5.53 264	P	Pn	01 03 04.1 -0.1
IDI	Anoyia	5.53 264	P	Pn	01 03 04.4 +0.1
IDI	Anoyia	5.53 264	P	Pn	01 03 04.3 -3.2
IDI	Anoyia	5.53 264	P	Pn	01 03 05.1 +0.9
IDI	Anoyia	5.53 264	P	Pn	01 04 02.8 -3.7
KZIT	Kziot	5.60 155	Pn	Pn	01 03 05.4 +0.3
KZIT	Kziot	5.60 155	Pn	Pn	01 04 05.4 -2.7
SIVA	Sivas	5.64 262	P	Pn	01 03 06.8 +1.1
GHAJ	Ghor Haditha	5.74 144	Pn	Pn	01 03 08.3 +1.3
DAM2	DAM2	5.79 140	P	Pn	01 03 08.7 +1.0
ASF	Jabal al Asfar	5.82 130	P	Pn	01 03 10.4 +2.1
ASF	Jabal al Asfar	5.82 130	P	Pn	01 04 20.4 +6.8
VAM	Vamos	6.07 266	P	Pn	01 03 11.8 +0.2
ZFRI	Zfiri	6.07 150	Pn	Pn	01 04 20.0 -3.0
IMMV	Iera Moni Meta	6.24 267	P	Pn	01 03 13.9 0.0
PRNI	Parani	6.32 152	Pn	Pn	01 03 15.0 0.0
PRNI	Parani	6.32 152	Pn	Pn	01 04 24.3 -1.6
KZDP	Rodops	6.41 268	Pn	Pn	01 03 16.9 +0.7
KRMI	Paran Flat	6.43 155	Pn	Pn	01 03 16.3 -0.3
ALN	Alexandroupoli	6.55 320	Pn	Pn	01 03 21.9 +3.8
ALN	Alexandroupoli	6.55 320	Pn	Pn	01 03 21.9 +3.8
HRFI	Mount Harif	6.62 153	Pn	Pn	01 03 19.5 +0.4
HRFI	Mount Harif	6.62 153	Pn	Pn	01 04 30.7 -2.5
MBRI	Mt Bereah	6.78 155	Pn	Pn	01 03 21.5 0.0
AOBJ	Abegh	6.90 154	Pn	Pn	01 03 23.5 +0.5
ELR	Elat	6.92 155	Pn	Pn	01 03 23.2 0.0
ELR	Elat	6.92 155	Pn	Pn	01 03 23.2 0.0
EIL	Eilat	6.92 155	Pn	Pn	01 04 37.6 -3.0
EIL	Eilat	6.92 155	Pn	Pn	01 03 23.2 0.0
EIL	Eilat	6.92 155	Pn	Pn	01 04 38.2 -2.4
ITM	Ithomi	7.88 281	Pn	Pn	01 03 38.5 +2.1
ELND	Elena	8.21 329	Pn	Pn	01 03 40.3 -0.5
ELND	Elena	8.21 329	Pn	Pn	01 03 40.4 +1.8
TIRR	Tirgusor	8.78 345	Pn	Pn	01 05 05.4 -6.8
TIRR	Tirgusor	8.78 345	Pn	Pn	01 05 23.7 -2.4
TIRR	Tirgusor	8.78 345	Pn	Pn	01 05 30.4 +1.8
TIRR	Tirgusor	8.78 345	Pn	Pn	01 05 23.7 -2.4
TIRR	Tirgusor	8.78 345	Pn	Pn	01 03 51.0 +2.3
PLVB	Plievan	9.12 326	Pn	Pn	01 03 53.4 +0.1
PLVB	Plievan	9.12 326	Pn	Pn	01 03 56.5 +8.5
SIM	Simferopol'	9.12 110eP	P	Pn	01 03 56.6 +3.2
TOPG	Topolog	9.19 345	Pn	Pn	01 03 55.8 +1.6
TOPG	Topolog	9.19 345	Pn	Pn	01 03 54.4 -1.7
VTS	Vitosha	9.25 318	Pn	Pn	01 03 54.7 -0.6
VTS	Vitosha	9.25 318	Pn	Pn	01 03 54.7 -0.6
FNA	Florina	9.34 304	Pn	Pn	01 04 04.5 +8.1
FNA	Florina	9.34 304	Pn	Pn	01 04 04.5 +8.1
CFR	Carcaliu	9.53 345	Pn	Pn	01 04 15.0 +2.7
CFR	Carcaliu	9.53 345	Pn	Pn	01 05 42.9 -1.5
CFR	Carcaliu	9.53 345	Pn	Pn	01 04 01.5 +2.7
CFR	Carcaliu	9.53 345	Pn	Pn	01 05 42.9 -1.5
MLR	Muntele Rosu	10.40 337	P	Pn	01 04 10.8 0.0
MLR	Muntele Rosu	10.40 337	P	Pn	01 09 18.6
VRI	Vrincioiaia	10.51 341	Pn	Pn	01 04 14.9 +2.6
VRI	Vrincioiaia	10.51 341	Pn	Pn	01 04 14.9 +2.6
PIOR	Plostinia	10.52 341	Pn	Pn	01 04 15.0 +2.6
PIOR	Plostinia	10.52 341	Pn	Pn	01 04 15.0 +2.6
VOIR	Voinic	10.65 334	Pn	Pn	01 04 15.8 +1.5
VOIR	Voinic	10.65 334	Pn	Pn	01 04 15.8 +1.5
DOPR	Dopca	11.00 337	Pn	Pn	01 04 20.4 +1.5
HERH	Herculane	11.29 324	Pn	Pn	01 04 21.9 -1.0
MDVR	Moldovitsa	11.56 322	Pn	Pn	01 04 26.7 +0.7
KIV	Kislodovsk	11.61 44	eP	Pn	01 04 31.5 +4.1
KIV	Kislodovsk	11.61 44	eP	Pn	01 04 31.5 +4.1
BUR	Timpagrande	12.21 289	Pn	Pn	01 04 34.1 -1.4
TIP	Timpagrande	12.21 289	Pn	Pn	01 04 34.1 -1.4
TIP	Timpagrande	12.21 289	Pn	Pn	01 04 34.1 -1.4
BUR	Bucovina Array	12.53 340	Pn	Pn	01 04 41.8 +1.8
BUR	Bucovina Array	12.53 340	Pn	Pn	01 04 41.8 +1.8
KVBE	Valguarnera	13.88 281	P	Pn	01 04 59.6 +1.3
VAE	Valguarnera	13.88 281	P	Pn	01 07 23.1 -7.8
PSZ	Piszkesteto	14.73 327	P	Pn	01 05 07.7 -1.8
PSZ	Piszkesteto	14.73 327	P	Pn	01 05 07.7 -1.8
CORL	Corleone	14.77 283	Pn	Pn	01 05 09.8 -0.2
AKASG	Malin Array Be	14.78 354	eP	Pn	01 05 10.5 +0.5
AKASG	Malin Array Be	14.78 354	eP	Pn	01 05 10.5 +0.5
AKASG	Malin Array Be	14.78 354	eP	Pn	01 05 14.8 0.0
AKASG	Malin Array Be	14.78 354	eP	Pn	01 05 13.2 +3.1
AKKB	Malin Array Si	14.78 354	P	Pn	01 05 13.2 +3.1
AKKB	Malin Array Si	14.78 354	P	Pn	01 05 10.9 0.0
CLTB	Catibellotta	14.83 282	Pn	Pn	01 05 10.9 0.0
KWP	Kalwaria Paela	15.08 337	Iamb	Iamb	01 05 20.7
SOKA	Sobota	16.36 316	iP	Pn	01 05 33.9 +1.5
MYKA	Terra Mystica	17.13 314	iP	Pn	01 05 41.4 +1.4
MOA	Molin	17.46 318	iPn	Pn	01 05 44.5 +0.5
KBA	Koelnbreinsper	17.54 315	iP	Pn	01 05 46.9 +1.8
KEST	Kesra	18.05 276	P	Pn	01 05 51.8 +0.4
KEST	Kesra	18.05 276	P	Pn	01 05 55.9
GERES	GERESS Array S	18.36 320	P	Pn	01 05 55.4 +0.9
GERES	GERESS Array S	18.36 320	P	Pn	01 05 54.7 +0.1
GERES	GERESS Array B	18.36 320	eP	Pn	01 05 55.4 +0.9
GERES	GERESS Array B	18.36 320	eP	Pn	01 05 57.0 -0.1
KHC	Kasperske Hory	18.60 320	eP	Pn	01 05 58.7 +1.1
KHC	Kasperske Hory	18.60 320	eP	Pn	01 05 58.7 +1.1
WATA	Walderalm	18.71 313	iP	Pn	01 05 59.0 +0.6
SQTA	Sankt Quirin	18.87 313	iPn	Pn	01 06 01.1 +1.0
MOTA	Moosalm	18.99 313	iP	Pn	01 06 02.0 +0.5
FETA	Feichten	19.06 312	iPn	Pn	01 06 03.4 +1.1
RETA	Reutte	19.26 313	iP	Pn	01 06 04.7 +0.3
OBN	Obninsk	19.40 90eP	P	Pn	01 06 06.3 +0.6
OBN	Obninsk	19.40 90eP	P	Pn	01 06 06.3 +0.6
OBN	Obninsk	19.40 90eP	P	Pn	01 06 06.3 +0.6
OBN	Obninsk	19.40 90eP	P	Pn	01 06 06.3 +0.6
DAVOX	Davos/Dischmat	19.47 310	P	Pn	01 06 07.8 +1.0
BRG	Bergsiehthubel	19.59 325	eP	Pn	01 06 07.9 +0.5
DAVA	Damuels	19.70 312	iP	Pn	01 06 09.4 +0.2
CLL	Collin	20.29 325	eP	Pn	01 06 16.0 +0.6
CLL	Collin	20.29 325	eP	Pn	01 06 16.0 +0.6
MOX	Moxa	20.54 322	P	Pn	01 06 19.2 +1.1
GEYT	Alibek	21.23 277	P	Pn	01 06 28.4 +2.7
GEYT	Alibek	21.23 277	P	Pn	01 06 28.2 +2.4
AKTO	Aktubinsk	22.87 45	P	Pn	01 06 52.3 +0.3
ABKAR	Abkulkul array	24.51 49	P	Pn	01 06 58.8 +0.3
ABKAR	Abkulkul array	24.51 49	P	Pn	01 06 58.8 +0.3
ABKAR	Abkulkul array	24.51 49	P	Pn	01 07 04.8

comp=Z,1.5nm,0.8s	FINES	FINES Array B	25.69 354	P	P	01 07 07.7 -1.3
comp=Z,7.1nm,0.5s,baz=158,slow=11,SNR=70	FINES	FINES Array S	25.69 354	P	P	01 07 07.7 -1.3
comp=Z,1.5nm,0.8s	FINES	FINES Array S	25.69 354	P	P	01 07 07.9 +1.2
comp=Z,1.3nm,0.7s,baz=148,slow=9.0,SNR=7.0	NOA	NORSAR Array B	28.21 339	P	P	01 07 30.4 -1.3
comp=Z,0.4nm,0.6s,baz=143,slow=8.9,SNR=3.3	EKA	Eskdalemuir Ar	30.58 320	P	P	01 07 51.6 -1.1
comp=Z,2.1nm,0.9s,baz=115,slow=8.3,SNR=8.3	BRVK	Borovoye	31.91 461eP	P	P	01 08 04.3 -0.1
comp=Z,1.0nm,0.8s	AAK	Ala-Archa	33.54 65	P	P	01 08 19.5 +0.6
comp=Z,0.9nm,0.5s,baz=157,slow=4.1,SNR=5.5	AAK	Ala-Archa	33.54 65	Iamb	Iamb	01 08 22.3
comp=Z,4.5nm,1.4s	ARCES	ARCES Array B	33.74 356	P	P	01 08 19.1 -1.2
comp=Z,4.4nm,0.5s,baz=166,slow=7.9,SNR=48	KURBB	Kurchatov Arr	36.48 51	P	P	01 08 44.1 +0.1
comp=Z,0.8nm,0.5s,baz=272,slow=8.9,SNR=8.0	KURK	Kurchatov	36.54 51	P	P	01 08 44.1 -0.4
comp=Z,0.8nm,0.5s,baz=272,slow=8.9,SNR=8.0	KURK	Kurchatov	36.54 51	P	P	01 08 44.1 -0.4
comp=Z,2.9nm,1.4s	KURK	Kurchatov	36.54 51	Iamb	Iamb	01 09 01.0
comp=Z,2.2nm,0.4s,baz=187,slow=4.1,SNR=5.1	MKAR	Makanchi Array	38.89 58	P	P	01 09 03.6 -0.8
comp=Z,2.0nm,0.4s,baz=187,slow=4.1,SNR=5.1	MKAR	Makanchi Array	38.89 58	P	P	01 09 04.5 +0.1
comp=Z,2.0nm,0.4s,baz=187,slow=4.1,SNR=5.1	MKAR	Makanchi Array	38.89 58	P	P	01 09 04.5 +0.1
comp=Z,0.5nm,0.4s,baz=246,slow=9.3,SNR=2.6	DGZ	Jazzator, Alta	42.18 53j	eP	P	01 09 32.3 +0.6
comp=Z,2.0nm,1.4s	DBIC	Dimbokro	44.35 238	P	P	01 09 49.6 +0.3
comp=Z,1.2nm,0.1s,baz=36,slow=9.9,SNR=6.1	DBIC	Dimbokro	44.35 238	Iamb	Iamb	01 10 05.4
comp=Z,6.4nm,1.1s	NRIK	Noril'sk	44.89 25	P	P	01 09 53.7 +0.7
comp=Z,2.6nm,0.4s,baz=187,slow=4.1,SNR=5.1	FRB	Fröbisher Bay	62.57 330	P	P	01 12 00.4 -1.8
comp=Z,1.8nm,0.7s,baz=88,slow=7.5,SNR=8.0	SCHG	Schefferville	65.89 321	P	P	01 12 22.1 -2.0
comp=Z,1.4nm,0.7s,baz=333,slow=5.0,SNR=3.7	SCHG	Schefferville	65.89 321	P	P	01 12 22.9 -1.3
comp=Z,7.0nm,2.2s	KLR	Kul'dur	69.60 44j	eP	P	01 12 48.1 +0.5
comp=Z,7.0nm,2.2s	SEY	Seymchan	70.68 251eP	P	P	01 12 55.4 +1.5
comp=Z,0.5nm,0.6s,baz=103,slow=3.2,SNR=4.3	INUK	Inuvik	74.50 354	P	P	01 13 20.2 -1.5
comp=Z,0.1nm,0.6s,baz=29,slow=5.2,SNR=3.2	YKA	Yellowknife Ar	78.14 345	P	P	01 13 36.1 -1.1
comp=Z,0.2nm,0.7s,baz=142,slow=4.2,SNR=1.8	ULM	Lac du Bonnet	82.41 329	P	P	01 13 58.5 -2.0
comp=Z,0.2nm,0.7s,baz=142,slow=4.2,SNR=1.8	ULM	Lac du Bonnet	82.41 329	P	P	01 13 58.5 -2.0

NOA	NORSAR Array B	62.36 336	LR	LR	01 49 48.6
DBIC	Dimbokro	62.61 273	P	P	01 20 19.6 +0.8
DBIC	Dimbokro	62.61 273	P	P	01 48 55.9
DBIC	Dimbokro	62.61 273	P	P	01 20 18.6 -0.2
NRIK	Noril'sk	63.08 11	LR	LR	01 50 37.3
ARCES	ARCES Array B	63.98 348	LR	LR	01 51 39.7
KSR5	Korea Array	68.31 53	LR	LR	01 51 29.6
USRK	Ussuriysk Arr	71.98 47	LR	LR	01 54 07.8
MJAR	Matsushiro Arr	76.50 55	LR	LR	01 56 44.7
WRA	Warramunga Arr	80.09 112	P	P	01 22 04.7 +0.2
PETK	Petropavlovsk-	86.36 37	LR	LR	02 05 06.2
SNA4	Sanay	89.91 196	LR	LR	01 53 56.4
NVAR	Mina Array Bea	132.63 56	PKIKP	PKIKP	01 29 10.6 0.0
TEH 0701:17:10.0,36°11N-45°21E, h5km, ML2.5	ISN 0701:17:13.2,1.8,36.66N-44.94E, h15km, ML1.9	ISC 0701:17:11.8,2.1,36.78N-40.18E, h25km, n6,	az=230, Iran-Iraq border region		
Code	Station Name	Δ°	Z°	Phase ID	Time Res
MAHB	Mahabad	0.44	92	eP	ISC h m s ISC
MAHB	Mahabad	0.44	92	eP	01 17 18.9 -2.1
MAHB	Mahabad	0.44	92	eP	01 17 25.8 -1.4

7d 2h

Table with columns: KHC, ABKAR, KKR, FINES, NOA, MKAR. Includes station names, times, and coordinates.

BUJ 07 02:02:14.0,0.0,21.00'S:174.40'W,h10km,mb5.5/19,mb5.2/23,Ms5.1/3,Ms7.4/8.1
BGR 07 02:02:24.1,0.0,21.00'S:176.00'W,h33km
NEIC 07 02:03:09.2,1.7,20.155'S:10.177'W,42W:0.08,
h392km,5km,mb4.6/175,Error ellipse: s-maj=13.8km
s-min=11.5km az=175.0
IDC 07 02:03:10.7,2.6,20.19'S:177.59'W,h399km,27km,
mb4.1/27,mb1.4/20,mb1mx4.2/39,mbtmp4.8/30,Error
ellipse: s-maj=13.5km s-min=10.6km az=169.0
ISC 07 02:03:10.1,0.3,20.095'S:106.177'W,44W:0.05,h400km,
n456,s144/425,mb4.6/123,63C-4D,Fiji Islands region

Main table for station data on the left side, including columns for Code, Station Name, Azimuth, Phase ID, ISC, Time, Res, and various station identifiers.

2014 APR

Main table for station data in the middle, including columns for station names, times, and coordinates for various stations like VES, MURC, BFSC, etc.

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Main table for station data on the right side, including columns for station names, times, and coordinates for stations like I07A, D03D, J08A, etc.

7d 3h

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

IDC 0702:58:28.6;2.5, 4:88S;103°11'E, h0km, mb3.9/7, mb1.4/0.7, mb1mx3.6/43, mbtmp3.9/7, Error ellipse: s-maj=95.1km s-min=21.4km az=56.0

DJA 0702:53:35.3;1.0, 5°5'S;6°10'3"E, h24km, 9km, M3.9/5, MLV3.9/5

ISC 0702:58:35.7;1.1, 5.0S;103°11'E;0.09, h59km, n16, n075°16, mb4.0/7, Southern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like MNAI, LWLI, MDSI, MDSI, KSAI, KSAI, etc.

ATH 0703:02:42.9, 38°19'N;20°37'E, h10km, 1km, ML2.7/2, Error ellipse: s-maj=2.8km s-min=1.5km az=230.0

THE 0703:02:42.8, 38°18'N;20°36'E, h10km, ML2.5/3, Error ellipse: s-maj=0.7km s-min=0.4km az=258.0

ISC 0703:02:42.9;1.6, 38°18'N;20°37'E;0.06, h10km, 5km, n21, n035°41, Greece

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like CHV1, CHV1, KEF3, KEF3, etc.

2014 APR

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like LXR1, AGT1, AGT1, AGT1, etc.

NEIC 0703:25:07.0;2.4, 20°07'S;0°44.69°29'W;0°06, h100km, 4km, mb4.1/4, ML4.2(GUC), Error ellipse: s-maj=8.1km

GUC 0703:25:07.0;2.4, 20°04'S;69°29'W, h102km, 2km, ML4.3

IDC 0703:25:07.0;1.8, 20°05'S;69°29'W, h110km, 19km, mb3.9/3, mb1.4/1.7, mb1mx3.6/34, mbtmp4.4/7, MS2.6/3, MS1.2/6/3, ms1mx2.3/24, Error ellipse: s-maj=30.2km s-min=14.6km az=106.0

VAO 0703:25:09.0;0.6, 20°07'S;69°05'W, h110km, 5km, mb4.4

ISC 0703:25:06.4;0.6, 20°08'S;0°03.69°33'W;0.05, h106km, 5km, n73, n195°60, 6C-9D, Northern Chile

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

IDC 0702:58:28.6;2.5, 4:88S;103°11'E, h0km, mb3.9/7, mb1.4/0.7, mb1mx3.6/43, mbtmp3.9/7, Error ellipse: s-maj=95.1km s-min=21.4km az=56.0

DJA 0702:53:35.3;1.0, 5°5'S;6°10'3"E, h24km, 9km, M3.9/5, MLV3.9/5

ISC 0702:58:35.7;1.1, 5.0S;103°11'E;0.09, h59km, n16, n075°16, mb4.0/7, Southern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like PB01, PB01, PB01, etc.

ATH 0703:02:42.9, 38°19'N;20°37'E, h10km, 1km, ML2.7/2, Error ellipse: s-maj=2.8km s-min=1.5km az=230.0

THE 0703:02:42.8, 38°18'N;20°36'E, h10km, ML2.5/3, Error ellipse: s-maj=0.7km s-min=0.4km az=258.0

ISC 0703:02:42.9;1.6, 38°18'N;20°37'E;0.06, h10km, 5km, n21, n035°41, Greece

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

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Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like CPUP, Villa Florida, PEL, Peldehue, etc.

IDC 0703:25:34.0;4.0, 8.36°91'N;98°31'W, h0km, mb3.4/2, mb1.3/8, mb1mx3.5/54, mbtmp3.5/8, ML3.8/5, Error ellipse: s-maj=13.4km s-min=11.6km az=133.0

ANF 0703:25:34.5;2.0, 36°85'N;98°21'W, h10km, ML4.6/17, Error ellipse: s-maj=3.7km s-min=2.8km az=38.0

TUL 0703:25:34.1;5.3, 36°84'N;0°03.98°28'W;0.04, h5km, 2km, ML3.8, Mw3.4/30(NEIC), Error ellipse: s-maj=7.1km s-min=4.0km az=232.0

NEIC 0703:25:34.3;1.7, 36°86'N;0°03.98°21'W;0.05, h3km, 6km, Error ellipse: s-maj=6.0km s-min=3.9km az=54.0

NEIC 0703:25:35.3;3.6, 32°N;98°23'W, h4km, Moment Tensor

Mu1:1.31; Mu2:0.08; Mu3:0.61; Mu4:0.26; Mu5:0.63; Fault plane solution: M1: 630000x1014 NP1: 92.950000°, 832.910000°, -1.63.390000°. NP2: 242.120000°, 860.940000°, -1.06.170000°. Principal axes: T 1.564, P1g14.00000°, Azm344.00000°; N 0.1528, Plg14.00000°, Azm250.00000°; P -1.6992, Plg70.00000°, Azm118.00000°

ISC 0703:25:34.8;1.3, 36°84'N;0°04.98°27'W;0.03, h13km, 10km, n88, n197°15, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like U32A, Winter Ranch, U32A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Jarrell, State Center, Marvell, Junction City, Idaho Springs, etc.

PNSN 07 03:33:12.6, 45.40N, 122.90W, h19km, MD3.2, Fault plane solution: NP1, 70.00000, 635.00000, 120.00000, Hypocenter not reviewed by the ISC.

NEIC 07 03:33:12.4, 2.1, 45.42N, 0.02, 122.87W, 0.03, h10km, 5km, Error ellipse: s-maj=3.7km s-min=1.3km az=128.0.

SEA 07 03:33:12.6, 2.9, 45.40N, 0.02, 122.90W, 0.06, h20km, 5km, ML3.3/9.9, Error ellipse: s-maj=6.1km s-min=3.2km az=93.0.

ANF 07 03:33:12.1, 0.2, 45.40N, 122.87W, h14km, 2km, ML3.4/2.0, Error ellipse: s-maj=2.2km s-min=1.3km az=108.0.

ISC 07 03:33:11.4, 1.1, 45.39N, 0.02, 122.87W, 0.03, h10km, 10km, n49, c133/71, Washington-Oregon border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like G03D, F04A, F04D, F04F, F03A, H04A, H04B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I03D, D04E, D05A, PINE, NLWA, F07A, D03D, etc.

MAN 07 03:40:30.2, 5.32N, 127.78E, h115km, mb4.4, ML3.3, MS3.1, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DMPH, DMPH, GSPH, KCP, KCP, KCP, TBP, etc.

INET 07 03:42:15.6, 12.47N, 87.74W, h76km, ML3.6, SNET 07 03:42:15.7, 0.4, 12.45N, 87.79W, h52km, 22km, ML3.4, 1C-2D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CNCH, CNCH, CNCH, LCND, LCND, LCND, PACA, PACA, ALJI, ALJI, MOMM, MOMM, TECA, COEB, COEB, COEB, FAGO, FAGO, COEG, COEG, etc.

GII 07 03:48:03.9, 0.0, 33.59N, 32.60E, h10km, NIC 07 03:48:05.1, 0.0, 33.68N, 32.41E, h26km, 4km, ML2.7, ISC 07 03:48:04.5, 2.5, 33.64N, 0.04, 32.50E, 0.05, h29km, 24km, n14, c034/23, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OSCI, OSCI, OSCI, SZAC, SZAC, ASGA, ASGA, ASGA, ASGA, ASGA, AKMS, AKMS, CSS, MATHIAS, MOUNT MERON, GEM, GEM, KSDI, KSDI, HMDT, HMDT, KZIT, KZIT, DSI, DSI, PRNI, PRNI, HRFI, HRFI, etc.

NEIC 07 04:08:57.6, 1.6, 23.90S, 0.02, 70.33W, 0.08, h57km, 6km, Error ellipse: s-maj=10.3km s-min=2.8km az=89.0, GUC 07 04:08:57.6, 0.7, 23.90S, 70.20W, h48km, 3km, ML3.8, IDC 07 04:08:59.2, 6.4, 23.91S, 70.27W, h53km, 46km, mb3.3/2, mb1.3, 6.3, mb1mx3.3/19, mbtnp3.3/3, ML3.5/1, MS2.6/1, s-min=2.6, 2km, az=155.0, Error ellipse: s-maj=72.0km

ISC 07 04:08:58.0, 0.9, 23.90S, 0.03, 70.31W, 0.06, h50km, 8km, n44, c098/53, 4C-7D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB10, PB10, PB10, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB10, PB10, PB14, PB14, PB14, etc.

IDC 07 04:19:17.5, 0.9, 15.11S, 173.76W, h0km, mb3.9/7, mb1.4, 2.7, mb1mx3.9/30, mbtnp3.9/7, MS3.2/7, Ms1.3.3/7, ms1mx3.0/27, Error ellipse: s-maj=44.7km s-min=23.6km az=137.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM, DZM, UREWA, UREWA, HNR, HNR, H11S2, H11S2, H11S3, H11S3, H11N3, H11N3, H11N2, H11N2, H11N1, H11N1, MKAR, MKAR, etc.

UPA 07 04:26:49.2, 0.4, 7.83N, 82.36W, h12km, 2km, MW3.9, UCR 07 04:26:49.1, 0.3, 7.88N, 82.29W, h13km, 18km, ISC 07 04:26:48.1, 5.7, 7.76N, 0.08, 82.35W, 0.06, h6km, 13km, n11, c058/16, 1C, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DVD, DVD, BCO2, BCO2, BCO2, BRU2, BRU2, BRU2, BRU2, PIR0, PIR0, CHGR2, CHGR2, PTJ1, PTJ1, CACAO, CACAO, etc.

Table with 5 columns: CNID, El Empalme, Bo, 1.66 356 eP, Pb, 04 27 17.2 -0.5, etc.

IDC 07 04:26:55.2-4.7, 42.202S:89.08E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/27, mbtm3.6/3, MS3.7/1, Ms1 3.7/12, ms1mx3.5/26, Error ellipse: s-maj=126.6km s-min=38.0km az=119.0, Southeast Indian Ridge

Main table for 7d 6h section, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

IDC 07 05:02:24.5-1.2, 19.89S:71.24W, h0km, mb3.5/3, mb1 3.9/5, mb1mx3.6/24, mbtm3.6/5, ML3.4/2, MS3.1/3, Ms1 3.1/3, ms1mx2.6/21, Error ellipse: s-maj=41.5km s-min=18.1km az=59.0

GUC 07 05:02:26.0-0.8, 19.98S:71.17W, h34km, 2km, ML3.8 Error ellipse: s-maj=18.1km az=59.0

ISC 07 05:02:27.6-1.1, 19.96S:0.04-71.08W, 0.07, h24km, 6km, n20, c094/28, 8C-1D, Off coast of northern Chile

Main table for 7d 6h section, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

ATH 07 05:02:30.8, 38.17N:20.36E, h15km, 1km, ML2.9/9, Error ellipse: s-maj=2.6km s-min=1.2km az=251.0

THE 07 05:02:31.5, 38.18N:20.36E, h10km, ML3.0/5, Error ellipse: s-maj=0.5km s-min=0.2km az=256.0

ISC 07 05:02:30.8-0.9, 38.17N:0.03-20.34E, 0.04, h14km, 4km, n49, c095/76, Greece

Main table for 7d 6h section, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

Table with 5 columns: VLS, comp=N,20589um,0.1s, VSK1, VSK1, VSK1, 0.30 37, P, S, Pg, 05 02 37.2 +0.2, etc.

Table with 5 columns: KFL, comp=N,7um,0.4s, Anninata, 0.36 100, S, S, P, Pg, 05 02 43.7 +0.6, etc.

Table with 5 columns: KFL, comp=E,17892um,0.4s, Anninata, 0.36 100, S, S, P, Pg, 05 02 43.7 +0.6, etc.

Table with 5 columns: KFL, comp=N,9451um,0.5s, Lefkada island, 0.51 29, P, S, P, Pg, 05 02 41.2 +0.3, etc.

Table with 5 columns: KFL, comp=N,2544um,0.2s, MGNA, 0.60 36, P, S, S, Pg, 05 02 52.0 -0.3, etc.

Table with 5 columns: KFL, comp=N,1130um,0.2s, LK2D, 0.67 22, P, S, S, Pg, 05 02 53.6 +0.3, etc.

Table with 5 columns: KFL, comp=N,1361um,0.4s, LK2D, 0.70 21, P, S, P, Pg, 05 02 44.4 0.0, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: KFL, comp=N,846um,0.5s, RLS, 0.72 111, P, S, P, Pg, 05 02 45.9 +0.2, etc.

Table with 5 columns: 2009, NOR3 07 05:31:56.6, 0.0, 41.50N:42.79E, h3km, MPVA3.8, ISC 07 05:31:56.2-0.9, 41.49N:0.02-42.81E, h11km, 6km, n29, c064/53, Turkey-Georgia-Armenia border region

Table with 5 columns: EPOS, Posof, 0.06 280, Op, ISC, h m s ISC, 05 31 58.9 +0.2, etc.

Table with 5 columns: EPOS, comp=E,737nm,0.3s, IAML, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

Table with 5 columns: EPOS, comp=N,2um,0.4s, AKH, Akhalkalaki, 0.52 99, P, Pg, 05 32 06.3 -0.1, etc.

IDC 07 06:06:08.2-2.9, 18.38S:177.12W, h0km, mb3.8/3, mb1 4.2/3, mb1mx3.6/25, mbtm3.8/3, Error ellipse: s-maj=334.9km s-min=33.4km az=159.0, Fiji Islands region

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

Table with 5 columns: WRA, Warramunga Arr, 45.75 260, Op, ISC, h m s ISC, 06 14 31.3 -0.5, etc.

Table with 5 columns: WRA, Alice Springs, 45.84 255, P, P, 06 14 32.6 +0.1, etc.

Table with 5 columns: TXAR, Lajitas Array, 85.22 57, P, P, 06 18 47.2 0.0, etc.

NEIC 07 06:24:12.7-1.2, 36.21N:0.009:89.39W, 0.02, h7km, 6km, Error ellipse: s-maj=2.4km s-min=0.5km az=120.0

SLM 07 06:24:12.9-1.1, 36.22N:0.02:89.41W, 0.02, h6km, 6km, Md3.1/14, Error ellipse: s-maj=2.4km s-min=2.2km az=106.0

CERI 07 06:24:12.0, 36.22N:89.41W, h6km ANF 07 06:24:15.3-1.1, 36.15N:89.37W, h26km, 10km, ML3.9/28, ML3.9/28, Error ellipse: s-maj=2.9km s-min=2.2km

ISC 07 06:24:12.7-1.1, 36.21N:0.02:89.39W, 0.02, h8km, 9km, n92, c078/117, New Madrid region, Missouri

Table with 5 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC

Table with 5 columns: PENMO, Penman, 0.31 322, P, Pg, 06 24 18.9 +0.1, etc.

Table with 5 columns: PENMO, Portageville, 0.33 310, P, Pg, 06 24 18.9 -0.1, etc.

Table with 5 columns: PENMO, Hickman, 0.36 21, P, Pg, 06 24 20.7 +0.3, etc.

Table with 5 columns: PENMO, Pemiscott Bayo, 0.39 257, P, Pg, 06 24 20.6 +0.3, etc.

Table with 5 columns: PENMO, Henderson Moun, 0.51 353, P, Pg, 06 24 22.5 0.0, etc.

Table with 5 columns: PENMO, Parmo, 0.54 328, P, Pg, 06 24 23.0 -0.2, etc.

Table with 5 columns: PENMO, Gosnell, 0.56 245, P, Pg, 06 24 30.1 -0.2, etc.

Table with 5 columns: PENMO, Lepanto, 0.95 231, P, Pg, 06 24 31.5 +0.7, etc.

Table with 5 columns: PENMO, Paducah, 1.01 36, P, Pg, 06 24 31.5 -0.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like X48A Hartselle, Q44A Meyer Farm, Va, OLIL Olney, UALR University of, U40A Yellville, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB07 IPOC Station P, PB07 IPOC Station P, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 656A Williston, WLAR White Oak Lake, TXAR Lajitas Arr, etc.

NEIC 07 06:24:22.0.0.20:70S:70:96W, h17km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr1.02; Mss0.08; Mss-1.10; Mno0.04; Mno0.33; Mnr-0.42; Fault plane solution: M:1.190000,1016 NP1:341.150000, 534.780000, 1.83360000; NP2:169.220000, 855.490000, 1.94590000; Principal axes: T:1.0939, P:2709.000000, Azm36.000000; N:0.1593, P:1974.000000, Azm347.000000; P:1.2576, P:10.000000, Azm256.000000.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TA01 Diego Arcanea, PATCX Punta Patache, PATCX Punta Patache, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 656A Williston, WLAR White Oak Lake, TXAR Lajitas Arr, etc.

MAN 07 06:29:55.5:3.3:8:49N:125:51E, h0km, mb3.5/3, mb1 3.6/3, mb1mx3.4/4, mbtmpt3.5/3, MS3.2/1, M1 3.2/1, ms1mx2.5/2.0, Error ellipse: s-maj=302.3km s-min=26.4km az=65.0. MAN 07 06:30:00.6:8:88N:126:46E, h40km, mb4.4, ML3.2, MS3.0, MS3.2, MS3.2, Mincandao, mb3.2/3, 2D, Mincandao.

ECX 07 06:35:00.0.0.2:7:70N:111:68W, h12km, 999km, MD2.5 MEX 07 06:35:00.0.0.4:2:7:66N:111:66W, h2km, MD3.7

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

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

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

Table with columns: Station, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HOPEN, GTA, KVN, YHL, NVAR, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WMQ, P17A, KURK, K22A, GMRC, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AREO, BRVK, ISCO, SOKR, TRO, etc.

7d 7h

PLVO	Plevna	66.32	46	P	Iamb	P	07 59 13.8	-1.4
DANN	Dangier	66.32	286	eP		P	07 59 15.9	+0.1
ASK	Askoy	66.33	352	eP	P	P	07 59 15.5	+0.5
OSL	Oslo	66.34	349	eP	P	P	07 59 15.4	+0.3
WHAR	Woolly Hollow	66.40	62	P	Iamb	P	07 59 14.8	-1.0
WHAR	Woolly Hollow	66.40	62	P	Iamb	P	07 59 24.3	
LCAR	Lake Charles	66.41	61	P	P	P	07 59 14.6	-1.3
BER	Bergen	66.42	352	eP	P	P	07 59 15.7	+0.2
M50A	Chemin du LacG	66.44	52	P	P	P	07 59 15.5	-0.5
D58A	Chemin du LacG	66.44	42	P	P	P	07 59 14.8	-1.2
BLO	Bloomington	66.45	56	P		pmx	07 59 15.5	-0.6
BLO	Bloomington	66.45	56	P		pmx	07 59 15.5	-0.6
BLO	Bloomington	66.45	56	P	Iamb	P	07 59 16.7	
TRQ	Mont Tremblant	66.45	44	P	P	P	07 59 14.3	-1.8
Z38A	Mt. Pilgr	66.46	66	P	P	P	07 59 14.3	-1.9
K52A	Tiltsburg	66.46	50	P	P	P	07 59 15.5	-0.6
E57A	Chemin Saint G	66.47	43	P	P	P	07 59 14.9	-1.3
SANI	Sanana	66.49	230	P	P	P	07 59 16.8	+0.2
DELO	Deloro Mine	66.49	47	P	Iamb	Iamb	07 59 14.9	-1.4
DELO	Deloro Mine	66.49	47	P	Iamb	Iamb	07 59 17.0	
W41B	Gary Mavity, V	66.51	63	P	P	P	07 59 15.8	-0.7
H55A	Tweed	66.56	46	P	P	P	07 59 16.1	-1.2
PARMO	Parma	66.70	60	P	P	P	07 59 17.1	-0.6
I55A	Frankford	66.70	47	P	P	P	07 59 16.6	-1.0
X40A	Basin Creek Fa	66.71	63	P	P	P	07 59 17.3	-0.5
X40A	Basin Creek Fa	66.71	63	P	P	P	07 59 17.4	-0.5
F57A	Harrington	66.72	44	P	P	P	07 59 16.1	-1.7
KONO	Kongsberg	66.75	350	eP		pmx	07 59 17.8	+0.2
KONO	Kongsberg	66.75	350	eP		pmx	07 59 17.3	-0.3
KONO	Kongsberg	66.75	350	eP		pmx	07 59 17.3	-0.3
O49A	Covington	66.75	54	P	P	P	07 59 17.1	-0.9
O49A	Covington	66.75	54	P	Iamb	Iamb	07 59 17.9	
P48A	Milroy	66.77	55	P	P	P	07 59 17.4	-0.8
ODD1	Odda	66.78	352	eP		P	07 59 18.4	+0.5
E58A	La Victoria	66.86	43	P	P	P	07 59 17.4	-1.2
435B	Jarell	66.86	69	P	P	P	07 59 19.4	+0.5
N50A	Nevada	66.87	53	P	P	P	07 59 18.5	-0.3
M51A	Elyria	66.90	52	P	P	P	07 59 18.1	-0.8
D59A	Saint-Raymond	66.93	41	P	P	P	07 59 18.2	-0.9
J54A	Appleton	67.02	48	P	P	P	07 59 18.6	-1.0
H56A	Elgin	67.03	46	P	P	P	07 59 18.3	-1.3
Q48A	North Vernon	67.03	56	P	P	P	07 59 19.3	-0.5
F58A	St-Lin Laurent	67.05	43	P	P	P	07 59 18.2	-1.5
P49A	Miami Univ. Ec	67.07	54	P	P	P	07 59 19.1	-0.9
E59A	St. Maurice	67.09	42	P	P	P	07 59 19.1	-0.9
M52A	Chesterland	67.13	51	P	P	P	07 59 20.2	-0.2
O50A	Cable	67.13	53	P	P	P	07 59 19.9	-0.6
N51A	Ashland	67.13	52	P	P	P	07 59 19.9	-0.5
N51A	Ashland	67.13	52	P	P	P	07 59 19.5	-0.9
LWU1	Luwuk	67.15	234	P	P	P	07 59 20.9	+0.1
WLAR	White Oak Lake	67.16	64	P	P	P	07 59 20.0	-0.7
G57A	Newington	67.17	45	P	P	P	07 59 18.9	-1.6
MEDO	Medina	67.19	48	P	Iamb	Iamb	07 59 19.8	-1.0
MEDO	Medina	67.19	48	P	Iamb	Iamb	07 59 21.2	
PECO	Prince Edward	67.23	47	P	P	P	07 59 19.6	-1.4
PECO	Prince Edward	67.23	47	P	Iamb	Iamb	07 59 21.0	
BL5S	Blasio	67.28	352	eP		P	07 59 21.3	+0.3
WCI	Wyandotte Cave	67.28	56	P		pmx	07 59 21.1	-0.3
WCI	Wyandotte Cave	67.28	56	P		pmx	07 59 21.3	-0.1
WCI	Wyandotte Cave	67.28	56	P	Iamb	Iamb	07 59 21.1	-0.3
ERPA	Erie	67.31	50	P	P	P	07 59 21.3	-0.3
ERPA	Erie	67.31	50	P	Iamb	Iamb	07 59 19.4	-2.2
ERPA	Erie	67.31	50	P	Iamb	Iamb	07 59 22.4	
L53A	Girard	67.32	50	P	P	P	07 59 21.4	-0.2
D60A	Saint Jean D'O	67.37	41	P	P	P	07 59 20.8	-1.0
ACSO	Alum Creek Sta	67.37	53	P	P	P	07 59 21.2	-0.7
ACSO	Alum Creek Sta	67.37	53	Iamb	Iamb	P	07 59 22.5	
Q49A	Aurora	67.39	55	P	P	P	07 59 21.3	-0.8
J55A	Hilton	67.39	48	P	P	P	07 59 21.2	-0.8
D61A	St Aubert, Com	67.43	40	P	P	P	07 59 21.4	-0.7
LPSR	Galich'ya Gora	67.44	331	eP		pmx	07 59 22.0	-0.1
LPSR	Galich'ya Gora	67.44	331	eP		pmx	07 59 22.0	-0.1
LPSR	Galich'ya Gora	67.44	331	eP		pmx	07 59 22.0	-0.1
P50A	Jamestown	67.46	54	P	P	P	07 59 21.8	-0.7
F59A	Saint Guillaume	67.48	43	P	P	P	07 59 21.5	-1.0
H57A	Richville	67.51	45	P	P	P	07 59 21.3	-1.4
K54A	Basiliko Farm,	67.52	49	P	P	P	07 59 22.3	-0.6
M53A	W Miller and	67.53	51	P	P	P	07 59 23.0	+0.1
L54A	Sinclairville	67.53	49	P	P	P	07 59 22.5	-0.4
N52A	McCinn's Farm,	67.54	52	P	P	P	07 59 22.5	-0.5
KMY	Karmoy	67.59	352	eP		P	07 59 23.3	+0.3
E60A	Ste Agathe de	67.61	42	P	P	P	07 59 23.3	-1.0
O51A	Pataskal	67.62	53	P	P	P	07 59 23.2	-0.4
Z41A	Richland Creek	67.65	64	P	P	P	07 59 22.9	-1.0
K55A	Perry	67.71	48	P	P	P	07 59 23.4	-0.7
WVNY	West Valley, N	67.72	49	P	Iamb	Iamb	07 59 22.3	-1.8
WVNY	West Valley, N	67.72	49	P	Iamb	Iamb	07 59 24.6	
LONY	Lake Ozonia	67.72	45	P	P	P	07 59 22.5	-1.7
LONY	Lake Ozonia	67.72	45	P	P	P	07 59 21.6	-2.5
LONY	Lake Ozonia	67.72	45	P	Iamb	Iamb	07 59 23.5	
F60A	Warwick	67.73	42	P	P	P	07 59 22.8	-1.3
X43A	Marvell	67.73	62	P	P	P	07 59 24.0	-0.3

2014 APR

NATX	Nacogdoches	67.77	67	P	P	P	07 59 23.7	-0.8
NATX	Nacogdoches	67.77	67	P	P	P	07 59 21.3	-3.2
VRH	Novokhopovsk	67.80	328	eP		pmx	07 59 23.8	-0.6
R49A	Shelbyville	67.80	56	P	P	P	07 59 24.6	-0.1
I57A	Carthage	67.81	46	P	P	P	07 59 23.3	-1.3
J56A	Wolcott	67.81	47	P	P	P	07 59 25.5	-1.2
J56A	Wolcott	67.81	47	Iamb	Iamb	P	07 59 24.6	
T47A	Sharon Grove	67.82	58	P	Iamb	Iamb	07 59 23.6	-1.2
T47A	Sharon Grove	67.82	58	P	Iamb	Iamb	07 59 34.6	
IZAR	Zarasai	67.83	339	eP		P	07 59 25.4	+0.8
P51A	Williamsport	67.92	53	P	P	P	07 59 24.4	-1.0
E61A	Lac Etchemin	67.94	41	P	P	P	07 59 24.8	-0.7
M54A	Oil Creek Stat	67.94	50	P	P	P	07 59 25.3	-0.3
M54A	Oil Creek Stat	67.94	50	P	P	P	07 59 24.7	-0.8
G59A	Clarenceville	67.94	43	P	P	P	07 59 24.2	-1.2
N53A	Lisbon	67.95	51	P	P	P	07 59 25.3	-0.3
N53A	Lisbon	67.95	51	P	P	P	07 59 24.9	-0.7
Q50A	Georgetown	67.96	54	P	P	P	07 59 25.5	-0.2
D62A	Allapoint, All	67.97	40	P	P	P	07 59 25.0	-0.5
D62A	Allapoint, All	67.97	40	P	Iamb	Iamb	07 59 25.1	-0.5
D62A	Allapoint, All	67.97	40	P	Iamb	Iamb	07 59 25.6	
FRNY	Flint River	67.97	44	P	P	P	07 59 24.3	-2.2
L55A	Hinsdale	67.97	49	P	P	P	07 59 25.3	-0.5
O52A	Adamsville	68.01	52	P	P	P	07 59 25.5	-0.5
O52A	Adamsville	68.01	52	P	P	P	07 59 26.7	-3.4
ISAL	Salakas	68.02	339	eP		P	07 59 26.5	+0.7
H58A	Gabriels	68.06	45	P	P	P	07 59 24.7	-1.5
H58A	Gabriels	68.06	45	P	P	P	07 59 25.8	-0.6
K56A	Middlesex	68.08	44	P	P	P	07 59 24.8	-1.5
H59A	Cadyville	68.08	44	P	P	P	07 59 25.2	-1.2
J57A	Williamstown	68.08	46	P	P	P	07 59 25.2	-1.4
J57A	Williamstown	68.08	46	P	Iamb	Iamb	07 59 26.4	
WVT	Waverly	68.11	59	P		pmx	07 59 26.0	-0.7
WVT	Waverly	68.11	59	P		pmx	07 59 26.6	0.0
WVT	Waverly	68.11	59	P	Iamb	Iamb	07 59 26.0	-0.7
WVT	Waverly	68.11	59	P	Iamb	Iamb	07 59 36.1	
F61A	St Evariste	68.11	42	P	P	P	07 59 26.1	-0.4
IDID	Idisals	68.12	339	eP		P	07 59 27.3	+0.9
Q51A	Peebles	68.13	54	P	P	P	07 59 26.3	-0.5
Q51A	Peebles	68.13	54	P	Iamb	Iamb	07 59 24.6	-2.1
Q51A	Peebles	68.13	54	P	Iamb	Iamb	07 59 35.4	
S49A	Springfield	68.13	56	P	P	P	07 59 26.8	0.0
W45A	Hickory Valley	68.15	60	P	P	P	07 59 26.7	-0.2
O53A	New Philadelphia	68.20	52	P	P	P	07 59 26.7	-0.5
HOMB	Homborsund	68.22	350	eP		P	07 59 27.0	+0.1
N54A	Moraine State	68.22	50	P	P	P	07 59 26.9	-0.4
N54A	Moraine State	68.22	50	P	P	P	07 59 26.6	-0.7
R50A	Paris	68.23	55	P	P	P	07 59 27.2	-0.2
NIL	Nilore	68.23	297	P		pmx	07 59 27.6	+0.2
NIL	Nilore	68.23						

Table with columns: CASP, Castiglione de comp-Z, 24nm, 0.8s, 83.10 345, Iamb, Iamb, 08 00 53.6, AQU, L'Aquila, 83.11 343, P, Pmax, 08 00 47.9 -4.6, AQU, comp-Z, 24nm, 0.8s, 83.11 343, P, P, 08 00 47.9 -4.6, AQU, KULA, 83.22 331, P, P, 08 00 53.5 +0.3, SGRT, San Giovanni R, 83.27 342, P, P, 08 00 50.5 -2.9, MANT, Manisa, 83.27 331, P, P, 08 00 51.9 -1.8, INTR, Introdacqua, 83.36 343, P, P, 08 00 50.7 -3.1, INTR, comp-Z, 24nm, 1.1s, 83.39 144, eLR, LR, 08 27 01.7, TBI, Tubuai, 83.39 144, eT, T, 09 32 44.1, KPRO, Kipourio, 83.80 337, P, P, 08 00 56.3 +0.2, XOR, Xorichti, 83.91 335, P, P, 08 00 56.9 +0.2, UOSS, Minazif, 84.06 304, P, P, 08 00 56.7 -0.9, UOSS, comp-Z, 24nm, 1.0s, 84.15 341, P, P, 08 00 58.4 +0.6, MATE, Matera, 84.15 341, P, P, 08 00 54.9 -3.1, ACER, Acerenza, 84.20 337, P, P, 08 00 58.5 +0.4, JAN, Janina, 84.20 337, P, P, 08 00 58.2 -0.9, ASHO, Ashiyah, 84.35 304, P, P, 08 00 58.2 -0.9, ASHO, Kerkira, 84.39 338, P, P, 08 00 59.2 +0.1, KEK, Markates, 84.43 335, P, P, 08 00 59.0 -0.3, MRKA, Agios Georgios, 84.45 336, P, P, 08 00 58.8 -0.6, AGG, comp-Z, 24nm, 1.0s, 84.45 336, P, Pmax, 08 00 58.8 -0.6, AGG, Agios Georgios, 84.45 336, P, Iamb, Iamb, 08 00 58.4 -0.6, AGG, comp-Z, 24nm, 1.0s, 84.45 275, P, Pmax, 08 01 00.0 +0.2, PALK, comp-Z, 23nm, 1.1s, 84.45 275, P, P, 08 00 60.0 +0.2, PALK, Pallekele, 84.45 275, P, Iamb, Iamb, 08 01 01.5 +0.1, ELL, Elmal, 84.48 330, P, Pmax, 08 00 54.8 -4.9, ELL, comp-Z, 106nm, 1.0s, 84.48 330, P, P, 08 00 54.8 -4.9, ELL, Elmal, 84.48 330, P, P, 08 00 59.4 -0.3, MAK, Makrakomi, Fth, 84.51 336, P, P, 08 00 59.4 -0.3, SOHO, SOHO, 84.57 303, P, P, 08 00 59.1 -1.1, SOHO, SNR=5.3, 84.61 331, P, P, 08 01 00.9 +0.6, YER, Yerkesik, 84.61 331, P, P, 08 01 01.8 +0.4, FFY, Fethiya, 85.02 335, P, P, 08 01 01.2 +0.1, VILL, Villia, 85.02 326, P, P, 08 01 02.3 -0.0, CSS, Mathiatis, 85.02 326, P, P, 08 01 01.8 -0.6, CSS, Mathiatis, 85.03 327, P, P, 08 01 03.1 +0.8, LEF, Lefka, 85.12 336, P, P, 08 01 02.7 -0.0, EFF, Efpalio, 85.24 303, P, P, 08 01 03.4 -0.2, ARQ, Araqi, 85.24 303, P, P, 08 01 03.4 -0.2, ARQ, SNR=6.1, 85.38 302, P, P, 08 01 04.0 -0.4, BSY, BSY, 85.38 302, P, P, 08 01 04.0 -0.4, BSY, SNR=6.2, 85.42 336, P, P, 08 01 03.8 -0.5, KLV, Kalavryta, Ach, 85.44 359, eP, P, 08 01 05.4 +1.0, PGAV, Gavrieta, Arco, 85.44 359, eP, P, 08 01 12.8 0.0, APE, Apeiranthos, 85.46 333, P, P, 08 01 04.1 -0.4, APE, Apeiranthos, 85.46 333, P, P, 08 01 04.6 +0.1, TIP, Timpagrande, 85.56 340, P, P, 08 01 05.2 +0.2, TIP, Timpagrande, 85.56 340, Iamb, Iamb, 08 01 04.5 -0.5, TIP, SNR=6.1, 85.59 358, eP, P, 08 01 05.8 +0.7, PBRG, Braganca, 85.59 358, eP, P, 08 01 05.8 +0.7, PBRG, comp-Z, 59nm, 1.6s, 85.62 336, P, P, 08 01 06.1 +0.8, DRO, Drossia, 85.62 336, P, P, 08 01 06.4 -1.5, DID, Didima, 85.70 359, eP, P, 08 01 06.6 +1.0, PCAB, Cabril, 85.70 359, eP, P, 08 01 06.6 +1.0, IOSP, Los Island, 85.85 333, P, P, 08 01 04.7 -1.7, PVRL, Vila Real, 86.13 359, eP, P, 08 01 08.4 +0.6, MVO, Moncorvo, 86.23 339, eP, P, 08 01 09.1 +0.8, ITM, Ithomi, 86.23 356, P, P, 08 01 07.6 -1.0, KARP, Karpathos, 86.42 331, P, P, 08 01 08.5 -0.8, KARP, Karpathos, 86.42 331, P, P, 08 01 08.0 -1.3, MHTO, MHTO, 86.44 301, P, P, 08 01 09.3 -0.3, MHTO, SNR=6.8, 86.48 335, P, P, 08 01 09.3 -0.3, VLI, Veliai, 86.48 335, P, P, 08 01 08.5 -1.0, PVIS, Viewu, 86.69 359, eP, P, 08 01 10.9 +0.3, KTHR, Kythira, 86.89 335, P, P, 08 01 10.8 -0.8, MTE, Manteigas, 87.00 359, eP, P, 08 01 12.3 +0.2, MTE, Manteigas, 87.00 359, P, Iamb, Iamb, 08 01 11.8 -0.3, MTE, comp-Z, 22nm, 0.9s, 87.19 334, P, P, 08 01 12.3 -0.3, ZKR, Zakros, 87.19 334, P, P, 08 01 13.2 +0.2, ANKY, Antikythira Is, 87.20 360, eP, P, 08 01 13.1 +0.1, COI, Coimbra, 87.20 360, eP, P, 08 01 12.9 -0.6, LAST, Lasithi, 87.20 332, P, P, 08 01 12.5 -1.2, IDI, Anoyia, 87.30 333, Iamb, Iamb, 08 01 13.0, IDI, Anoyia, 87.30 333, Iamb, Iamb, 08 01 13.0, RODP, Rodopos, 87.36 334, P, P, 08 01 15.3 +1.5, PCAS, Casmilo, Conde, 87.36 360, eP, P, 08 01 14.0 +0.3, IMMV, Iera Moni Meta, 87.39 334, P, P, 08 01 13.9 -0.1, PCBR, Castelo Branco, 87.56 359, eP, P, 08 01 14.6 -0.1, PCBR, San Pablo, 87.78 356, P, Pmax, 08 01 14.9 -1.0, PAB, San Pablo, 87.78 356, P, Iamb, Iamb, 08 01 14.9 -1.0, PAB, comp-Z, 11nm, 0.9s, 87.79 360, eP, P, 08 01 15.9 +0.1, PTOM, Tomar, 87.79 360, eP, P, 08 01 15.9 +0.1, STKA, Stephens Creek, 88.30 205, P, P, 08 01 19.8 +1.8, STKA, Stephens Creek, 88.30 205, P, LR, LR, 08 36 58.8, STKA, comp-Z, 3.8nm, 0.8s, 88.34 359, eP, P, 08 01 19.8 +1.8, STKA, Montargil, 88.34 359, eP, P, 08 01 18.4 0.0, PBEJ, Beja, 89.38 359, eP, P, 08 01 23.4 +0.1, PORN, Hornachuelos, 89.50 357, P, P, 08 01 24.3 +0.3, PCVE, Castro Verde, 89.77 359, eP, P, 08 01 25.3 +0.3, PVAQ, Vaqueiros, 90.00 359, eP, P, 08 01 26.4 +0.2, MORF, Marmelete, 90.10 360, eP, P, 08 01 26.6 -0.1, MORF, Marmelete, 90.10 360, eP, P, 08 01 26.7 -0.1, PBDV, Barranco-do-Ve, 90.16 359, eP, P, 08 01 27.7 +0.7, KEST, Kesra, 90.24 345, P, P, 08 01 27.3 -0.3, KEST, comp-Z, 11nm, 1.0s, 90.24 345, P, LR, LR, 08 41 23.0, KEST, comp-Z, 122nm, 21.7s, 90.24 345, P, P, 08 01 23.3 -4.3, KEST, Kesra, 90.24 345, P, Iamb, Iamb, 08 01 28.3, RAYN, Ar Rayn, 90.38 312, P, Pmax, 08 01 27.1 -1.2, RAYN, Ar Rayn, 90.38 312, P, Pmax, 08 01 27.1 -1.2, RAYN, Ar Rayn, 90.38 312, P, Iamb, Iamb, 08 01 27.1 -1.2, TDRA, Tendara, 94.14 354, P, P, 08 01 47.0 +1.2, MDT, Midelt, 94.50 356, P, P, 08 01 47.3 0.0, OUK, Ouakmeden, 96.18 359, P, P, 08 01 56.0 0.0, ZGR, Zagora, 97.22 357, P, P, 08 02 00.1 +0.3, ZGR, SNR=7.6

Table with columns: BDFB, Brasilia, 131.76 54, PKP, PKIKP, 08 07 41.0 -0.1, BDFB, comp-Z, 1.0nm, 0.3s, 131.76 54, SKPbc, SKPbc, 08 11 05.0 +0.4, BDFB, Brasilia, 131.76 54, PKP, PKP, 08 07 40.4 +0.3, BDFB, Brasilia, 131.76 54, PKP, PKP, 08 07 40.4 +0.3, CPUP, Villa Florida, 135.40 73, SKPbc, SKPbc, 08 11 15.8 +0.3, PLCA, Paso Flores, 137.42 99, PKP, PKP, 08 07 50.3 +0.4, PLCA, comp-Z, 0.8nm, 0.6s, 137.42 99, SKPbc, SKPbc, 08 11 22.4 +1.1, QSPA, South Pole Qui, 142.71 180, PKP, PKP, 08 07 56.6 -2.1, MAW, Mawson, 143.86 216, PKP, PKP, 08 07 58.9 +0.4, MAW, Mawson, 143.86 216, PKP, PKP, 08 07 58.9 +0.4, MAW, Mawson, 143.86 216, PKP, PKP, 08 07 58.4 0.0, MAW, Boshof, 145.00 300, PKP, PKP, 08 08 03.2 -0.1, SYO, Syowa Base, 152.51 216, eX, PKP, PKP, 08 08 15.0 +0.4, SYO, Syowa Base, 152.51 216, eX, PKP, PKP, 08 08 20.2 -1.3, SNA, Sanae, 161.03 186, PKP, PKP, 08 09 12.3 +3.5

Table with columns: UCR 07 07:56:47.9:1.1, 9:57N:84:32W, h4km, 3km, MD3.7, Costa Rica, Code, Station Name, Delta A, AZ, Phase ID, Time Res, SR1, San Ramn, 0.61 33, eP, Pg, 07 57 00.0 +0.3, SR1, San Ramn, 0.61 33, eS, Pg, 07 57 08.7 +1.0, LCR2, La Lucha 2, 0.82 78, eP, Pg, 07 57 03.5 +0.2, LCR2, La Lucha 2, 0.82 78, eS, Pg, 07 57 16.9 +0.2, ARE1, Arenal 1, 0.89 6, eP, S, Sn, 07 57 19.6 -1.0, ARE1, Arenal 1, 0.89 6, eS, S, Sn, 07 57 08.4 -0.2, ACAL, Aguas Claras, 1.08 349, iP, Pg, 07 57 09.0 -0.2, CUI, Cuipiapa, 1.14 343, iP, Pg, 07 57 09.8 0.0, CVTR, Volcan Turrial, 1.14 67, eP, Pg, 07 57 10.4 -1.5, EDLM, Las Mercedes, 1.25 103, eP, Pg, 07 57 11.8 -1.6, LAPC, Finca la Perla, 1.34 333, eP, Pn, 07 57 12.4 -1.2, BUEV, Buena Vista, 1.35 335, eP, S, Sn, 07 57 31.5 -0.1, BUEV, Buena Vista, 1.35 335, eS, S, Sn, 07 57 12.8 -1.1, GB1A, Borinquen Arri, 1.37 335, eP, S, Sg, 07 57 31.2 -0.8, GB1A, Borinquen Arri, 1.37 335, eS, S, Sg, 07 57 31.2 -0.8

Table with columns: JMA 07 08:08:00.7:0.1, 23:17N:121:181E, h37km, 3km, M2.4, TAP 07 08:08:01.3:23:17N:121:185E, h21km, ML2.7, D, ISC 07 08:07:58.6:1.1, 23:16N:0:02:121:91E:0:03, h11km, 9km, n51, 0:074/95, Taiwan, Code, Station Name, Delta A, AZ, Phase ID, Time Res, CHKT, Chengkung, 0.51 264, P, S, Pg, 08 08 09.7 +0.1, CHKT, Chengkung, 0.51 264, S, Sg, 08 08 15.6 +0.3, HGSD, Ruisui, 0.56 307, eP, P, 08 08 10.7 +0.2, HGSD, Ruisui, 0.56 307, S, Sg, 08 08 17.4 +0.4, FULB, Fuli, 0.57 274, iP, P, Sg, 08 08 10.8 +0.1, FULB, Fuli, 0.57 274, S, Pg, 08 08 17.6 +0.2, TWH, Lutao, 0.60 222, eP, P, 08 08 11.9 +0.8, TWH, Lutao, 0.60 222, S, Sg, 08 08 19.4 -0.2, YULB, Yu-li, 0.61 293, eP, P, 08 08 11.8 +0.4, YULB, Yu-li, 0.61 293, eS, Sg, 08 08 20.4 +0.4, EHY, Hungye, 0.65 303, P, S, Sg, 08 08 11.9 0.0, EHY, Hungye, 0.65 303, S, Sg, 08 08 21.4 +0.5, EGFH, Guangfu, 0.68 319, P, P, 08 08 13.1 +0.6, EGFH, Guangfu, 0.68 319, S, P, 08 08 22.0 +0.2, ESL, Shilin, 0.79 326, P, S, Sg, 08 08 14.9 -0.8, ESL, Shilin, 0.79 326, S, Sg, 08 08 25.3 +0.2, ENLB, Shoueng, 0.80 339, eS, S, Sg, 08 08 25.5 +0.2, ELDTW, Lidau, 0.83 272, P, Pg, 08 08 14.4 -0.2, ELDTW, Lidau, 0.83 272, S, Sg, 08 08 24.5 -1.0, TWGBT, Beinan, 0.84 246, iP, P, Sg, 08 08 15.3 +0.1, TWGBT, Beinan, 0.84 246, eS, Sg, 08 08 25.9 +0.1, TWG, Pinlang, 0.84 247, P, P, 08 08 15.4 0.0, TWG, Pinlang, 0.84 247, S, Sg, 08 08 25.9 -0.1, VWDT, WYDT, 0.93 310, P, P, 08 08 17.2 -0.3, VWDT, WYDT, 0.93 310, eS, Sg, 08 08 28.8 -0.2, YUS, Yu-Shan, 0.94 291, eP, Pn, 08 08 17.9 -0.4, YUS, Yu-Shan, 0.94 291, eS, Sg, 08 08 29.5 +0.1, TWD, Chiawan, 0.96 342, P, P, 08 08 18.2 +0.1, TWD, Chiawan, 0.96 342, S, Sg, 08 08 29.6 -0.3, OWD, Renai, 1.04 320, eP, Pg, 08 08 18.9 +0.1, OWD, Renai, 1.04 320, eS, Sg, 08 08 31.2 -1.4, NACB, Ninganchiao, 1.05 344, eP, Sg, 08 08 19.1 +0.1, NACB, Ninganchiao, 1.05 344, eS, Sg, 08 08 31.7 -1.0, STYT, Tauyuan, 1.06 271, P, Pg, 08 08 19.1 0.0, STYT, Tauyuan, 1.06 271, eS, Sg, 08 08 32.0 -1.0, ALS, Alishan, 1.08 289, eP, Pn, 08 08 20.2 +0.3, ALS, Alishan, 1.08 289, S, Sg, 08 08 33.5 0.0, SSLB, Suanglung, 1.08 306, P, Pg, 08 08 19.6 +0.1, SSLB, Suanglung, 1.08 306, S, Sg, 08 08 31.9 -1.6, ETHL, Xiulin Townshi, 1.12 339, eP, Pg, 08 08 20.2 0.0, ETHL, Xiulin Townshi, 1.12 339, eS, Sg, 08 08 33.9 -0.8, CHGB, Renai, 1.13 323, eP, Sg, 08 08 20.6 +0.2, CHGB, Renai, 1.13 323, S, Sg, 08 08 34.4 -0.6, WHF, Heliwan Shan, 1.15 329, eP, Pg, 08 08 21.1 +0.2, WHF, Heliwan Shan, 1.15 329, eS, Sg, 08 08 35.0 -0.8, LAY, Lan-yu, 1.16 197, eP, P, 08 08 20.1 -0.6, LAY, Lan-yu, 1.16 197, eS, Sg, 08 08 34.2 -1.6, SLGT, Liugui, 1.18 262, eP, Pn, 08 08 20.6 -0.4, SLGT, Liugui, 1.18 262, eS, Sg, 08 08 36.1 -0.2, SMLT, Sun Moon Lake, 1.18 308, eP, Pn, 08 08 21.1 -0.1, SMLT, Sun Moon Lake, 1.18 308, eS, Sg, 08 08 35.5 -0.9, TPUB, Ta-pu, 1.19 277, P, Pg, 08 08 22.3 +0.7, TPUB, Ta-pu, 1.19 277, S, Sg, 08 08 36.6 -0.1, WTP, Ta-pu, 1.20 275, eP, Pg, 08 08 22.5 +0.7, WTP, Ta-pu, 1.20 275, eS, Sg, 08 08 37.2 -0.2, CHNS, Tsaungling, 1.22 291, eS, Sg, 08 08 39.8 +1.8, CHNS, Tsaungling, 1.22 291, eP, Pg, 08 08 21.9 -0.2, TYC, Yuch, 1.22 308, eP, Pg, 08 08 21.9 -0.2, TYC, Yuch, 1.22 308, eS, Sg, 08 08 21.9 -0.2

Table with columns: TYC, Anshuo, 1.25 232, eP, Sg, 08 08 21.5 -0.5, EAST, Anshuo, 1.25 232, eP, Pn, 08 08 21.5 -0.5, CHNI, Nanshi, 1.28 272, eP, Pg, 08 08 23.4 +0.2, CHNI, Nanshi, 1.28 272, eS, Sg, 08 08 39.9 +0.1, TDCB, Techu, 1.29 328, eP, Pg, 08 08 23.6 0.0, TDCB, Techu, 1.29 328, eS, Sg, 08 08 37.9 -1.9, MASBT, Mashbuluo, 1.30 246, eP, Pn, 08 08 22.6 -0.1, SNST, Tainan City, 1.30 273, eS, Sg, 08 08 40.8 0.0, TWK, Hsiinying, 1.32 275, eP, Pg, 08 08 24.6 +0.6, TWK, Hsiinying, 1.32 275, S, Sg, 08 08 41.2 +0.1, WNT, Mingjing, 1.34 303, eS, Sg, 08 08 41.8 0.0, NNSB, Datong, 1.36 339, P, P, 08 08 24.3 +0.2, NNSB, Datong, 1.36 339, S, Sg, 08 08 39.9 -1.6, NNSH, Datong, 1.36 339, eP, Pn, 08 08 23.6 0.0, NNSH, Datong, 1.36 339, eS, Sg, 08 08 40.1 -1.4, EOS1, EOS1, 1.40 8, P, P, 08 08 25.1 +0.3, EOS1, EOS1, 1.40 8, S, Sg, 08 08 43.2 -0.6, WHP, Taichung City, 1.43 322, eP, Pg, 08 08 26.2 +0.2, WHP, Taichung City, 1.43 322, eS, Sg, 08 08 43.1 -0.4, SCZT, Fangliang, 1.43 237, eP, Pn, 08 08 24.2 -0.3, TWC, Suao, 1.45 358, eP, P, 08 08 25.8 +0.2, TWC, Suao, 1.45 358, S, Sg, 08 08 43.1 -0.6, NDT, Datong Townshi, 1.48 346, P, P, 08 08 25.8 -0.5, NDT, Datong Townshi, 1.48 346, eS, Sg, 08 08 44.3 -0.4, JYNG, Yonangujimaku, 1.60 36, P, Sg, 08 08 28.5 +0.3, JYNG, Yonangujimaku, 1.60 36, eS, Sg, 08 08 37.9 0.4, HATJ, Hateruma jima, 1.95 62, P, Pn, 08 08 33.5 -0.7, HATJ, Hateruma jima, 1.95 62, eS, Sg, 08 08 56.8 +0.7, IRIF, Iriomote-Funau, 2.04 54, P, Sg, 08 08 35.1 -0.5, IRIF, Iriomote-Funau, 2.04 54, S, Sg, 08 08 59.4 +1.2, JKRS, Kuro-jima, 2.20 60, P, Sg, 08 08 37.0 -1.4, JKRS, Kuro-jima, 2.20 60, S, Sg, 08 08 03.2 +0.9, JIJ, Ishigaki jima, 2.37 59, P, Sg, 08 08 39.5 -1.8, JIJ, Ishigaki jima, 2.37 59, S, Sg, 08 09 07.1 +0.6, JISG, Ishigakijimahi, 2.62 57, P, Sg, 08 08 42.7 +1.9, JISG, Ishigakijimahi, 2.62 57, eS, Sg, 08 09 11.8 -0.7, JTJ, Tarama, 2.95 59, S, Sg, 08 08 47.3 +1.5, JTJ, Tarama, 2.95 59, S, Sg, 08 08 22.1 +1.4

ZUR 07 08:11:15.0, 45:67N:7:64E, h3km, 2km, MLh0.9/4, Error ellipse: s-maj=3.9km, s-min=1.0km, az=242.0, GEN 07 08:11:14.8, 45:67N:7:64E, h4km, 1km, ML0.5, LDG 07 08:11:14.7, 45:68N:7:65E, h4km, ML1.2/2, ML1.5/2, Error ellipse: s-maj=1.6km, s-min=0.9km, az=63.0, ROM 07 08:11:14.4, 45:64N:0:02:7:63E:0:02, h10km, ML0.9, Error ellipse: s-maj=1.9km, s-min=1.0km, az=213.0, ISC 07 08:11:14.4, 45:67N:0:03:7:65E:0:04, h8km, 7km, n20, 0:043/42, 4C-2D, Northern Italy

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, CIRO, Champorcher, 0.09 219, P, Pg, 08 11 17.0 +0.1, CIRO, Champorcher, 0.09 219, S, Pg, 08 11 17.0 +0.1, CIRO, 0.2nm, SNR=64, 0.09 219, Sg, Sg, 08 11 18.5 -0.2, CIRO, Champorcher, 0.09 219, P, Sg, 08 11 18.5 -0.2, CIRO, Champorcher, 0.09 219, P, Sg, 08 11 17.0 +0.1, TRAV, Traversella, 0.17 156, P, Pg, 08 11 18.5 +0.5, TRAV, Traversella, 0.17 156, P, Pg, 08 11 18.5 +0.5, TRAV, Traversella, 0.17 156, Sg, Sg, 08 11 21.0 +0.5, TRAV, Traversella, 0.17 156, S, Sg, 08 11 18.5 +0.5, TRAV, Traversella, 0.17 156, P, Pg, 08 11 18.5 +0.5, TRAV, Traversella, 0.17 156, S, Sg, 08 11 20.9 +0.5, TRAV, comp=E, 58um, 0.2s, AML, AML, 0.38 296, Pg, Pg, 08 11 22.4 +0.3, REMY, Saint-Rhmy-en, 0.38 296, Pg, Pg, 08 11 22.4 +0.3, REMY, Saint-Rhmy-en, 0.38 296, Sg, Sg, 08 11 27.9 +0.8, REMY, Saint-Rhmy-en, 0.38 296, P, Pg, 08 11 23.3 +0.3, REMY, Saint-Rhmy-en, 0.38 296, S, Sg, 08 11 27.5 +0.4, REMY, Saint-Rhmy-en, 0.38 296, P, Pg, 08 11 22.3 +0.3, REMY, Saint-Rhmy-en, 0.38 296, S, Sg, 08 11 22.3 +0.3, LAGO, Lago del Serru, 0.42 240, P, Pg, 08 11 27.9 +0.8, LAGO, Lago del Serru, 0.42 240, P, Pg, 08 11 23.0 +0.3, LAGO, Lago del Serru, 0.42 240, Sg, Sg, 08 11 28.0 -0.2, LAGO, Lago del Serru, 0.42 240, P, Pg, 08 11 22.9 +0.3, LAGO, Lago del Serru, 0.42 240, S, Sg, 08 11 28.8 +0.6, LAGO, Lago del Serru, 0.42 240, S, Sg, 08 11 22.9 +0.3, LAGO, Lago del Serru, 0.42 240, S, Sg, 08 11 28.2 0.0, MRGE, Morge, 0.42 284, P, Sg, 08 11 23.4 +0.6, DIX, Grande Dixence, 0.44 338, P, Pg, 08 11 23.0 -0.1, DIX, Grande Dixence, 0.44 338, P, Pg, 08 11 23.0 -0.1, RSP, Reno Supereure, 0.59 207, P, Sg, 08 11 26.1 +0.3, RSP, Reno Supereure, 0.59 207, S, Sg, 08 11 33.7 +0.2, LPG, La Plagne, 0.65 255, eP, Pg, 08 11 27.4 +0.3, LPG, La Plagne, 0.65 255, eS, Sg, 08 11 35.9 +0.3, LPL, La Plagne, 0.66 257, eP, Pg, 08 11 27.9 +0.7, LPL, La Plagne, 0.66 257, eS, Sg, 08 11 36.2 +0.3, MBDF, Montbardon, 1.13 214, eP, Pg, 08 11 36.0 -0.1, MBDF, Montbardon, 1.13 214, eS, Sg, 08 11 50.9 +0.1, CABF, La Chapelle, 1.44 311, ePn, Pn, 08 11 39.9 -1.0, CABF, La Chapelle, 1.44 311, eS, Sg, 08 11 42.6 +0.6, CABF, La Chapelle, 1.44 311, ePn, Pn, 08 12 00.1 +0.1, CABF, La Chapelle, 1.44 311, eS, Sg, 08 12 00.1 +0.1

NIED 07 08:12:00, 28:80N:129:90E, h32km, Mw4.7, Best double couple: M1.13000x1016, NP1:210.000000, 888.000000, lambda=78.000000, NP2:311.000000, 812.000000, lambda=168.000000, BUJ 07 08:12:23.6:0.0, 28:35N:130:28E, h10km, mB4.9/37, mb4.6/55, Ms4.4/36, Ms7.4/36, IDC 07 08:12:26.9:0.5, 28:88N:129:90E, h0km, mb4.3/31, mb1.4/32, mb1mx4.3/35, mbmp4.3/32, ML3.2/1, MS3.9/13, Ms1.9/13, ms1mx3.6/39, Error ellipse: s-maj=15.6km, s-min=11.3km, az=83.0, NEIC 07 08:12:30.0:1.7, 28:81N:0:02:129:93E:0:08, h22km, 4km, mb4.7/71, Error ellipse: s-maj=10.6km, s-min=3.4km, az=96.0, JMA 07 08:12:31.6:0.1, 28:81N:129:95E, h36km, M4.4, JMA Felt II J1, ISC 07 08:12:29.4:1.3, 28:79N:0:03:130:00E:0:04, h19km, 5km, n184, 0:1936/189, mb4.6/63, MS4.1/16, 2C-1D, Ruyuku Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, JZK, Kikashima, 0.47 183, P, Pn, 08 12 42.0 +0.9, JZK, Kikashima,

Table with columns for station name, frequency, mode, and time. Includes stations like Nakanoshima, Tokunoshima, Yakushimahirau, Kuchinoerabu, Minamitate, Okinoerabujima, Yononijima, Kunigami, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like KMI, ULN, SONM, SONM, SONM, GAT, GAT, GAT, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like MLY, Manley, SUA, BRK, MCK, RND, MDM, MDM, MDM, etc.

NIED 07:08:13.00,36:30N,141:50E,h23km,Mw3.9 Best double couple: Mb=34000x1014 NPl1q=47.00000: 870.00000: 1.108:000000: NIP2q=184.00000: 826.00000: 1.50.00000: IDC 07:08:13.10,6:0.8,36:39N:141:56E,h0km,mb3.8/1.4 mb1 4.0/17,mb1mx3.8/5.3,mb3p/8.17,ML3.6/3,MS4.8/1, Ms1 4.8/1,ms1mx3.0/4.0,Error ellipse: s-maj=20.6km s-min=16.5km az=137.0 JMA 07:08:13.13.4.0.1,36:31N:141:55E,h50km,3km,M3.9 NEIC 07:08:13.13.8.1.8,36:32N,0:06,141:6E:0.1,h29km,6km, mb4.3/8,Error ellipse: s-maj=13.0km s-min=8.0km az=116.0 ISC 07:08:13:14:1:0.6,36:34N:0:04:141:56E:0:06,h26km,n61, a1915/62,mb4.0/18,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like Matsu-Tunnel, Mitsune, Hachijo jima 2, etc.

JMA 07 08:25.14.0.1, 39.06N x 142.37E, h30km, M3.5

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like OFUJ, OFUJ, MIYV, etc.

TIR 07 08:48:27.0.41:12N-20:13E, h8km, M3.1/7
BEO 07 08:48:27.0.6.41:14N-20:20E, h6km, M2.5/13, Error ellipse: s-maj=0.4km s-min=0.6km az=0.0

SKO 07 08:48:28.6.41:18N-20:11E, h15km
ISC 07 08:48:27.5.1.0.41:12N-03:20.07E, h18km, M3.0, n46, c092/83, 9C-5D, Albania

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TIR, TIR, OHR, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like STIP, STIP, STIP, etc.

ASRS 07 09:16:03.8.53:73N-91:06E, M2.7, Industrial explosion (after: The Earthquakes of Russia in 2012, Obninsk, GS RAS, 224p + CD-ROM, 2014)

IDC 07 09:16:10.8.3.3.53:69N-90:73E, h0km, mb1 3.4/3, mb1mx3.1/36, mbtmp3.4/3, ML3.2/2, Error ellipse: s-maj=28.5km s-min=23.6km az=46.0

NNC 07 09:16:17.4.2.4.53:35N-90:32E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=19.1km s-min=14.6km az=83.0, Suspected Mining explosion.

ISC 07 09:16:11.3.4.0.53:7N-01:90E-0:2, h0km, n12, c1517/14, 8C-6D, Southwestern Siberia

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ZAAO, ZAAO, ZAAO, etc.

IDC 07 09:31:09.9.1.1.07:2N-84:62W, h0km, mb3.8/9, mb1 4.2/13, mb1mx3.9/48, mbtmp4.0/13, ML3.7/4, MS3.3/7, Ms1 3.3/7, ms1mx3.3/32, Error ellipse: s-maj=26.6km s-min=18.5km az=48.0

NEIC 07 09:31:13.4.3.0.17:09N-0:05-84:70W-0:06, h18km, 5km, mb4.4/62, Error ellipse: s-maj=8.5km s-min=7.3km az=115.0

INET 07 09:31:13.6.17:31N-84:72W, h15km, ML5.4
ISC 07 09:31:12.0.5.17:11N-0:05-84:71W-0:05, h10km, n169, c1514/130, mb4.3/26, MS3.3/3, North of Honduras

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like FSCY, FSCY, FSCY, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CMIG, CMIG, CMIG, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like D03D Eldon, B05A Bryant, PDGK Podgornoye, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like O02D Mt. Diablo Mr, KSH Kashi, KSH KSH, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PDAR Binedale Array, PDAR Binedale Array, PDAR Binedale Array, etc.

GLA	Glamis	64.64	68	P	P	09 45 19.7 +1.4
PV01	Paradox Valley	64.66	60	I	Amb	09 45 21.3
SMCO	Snowmass	64.80	59	I	Amb	09 45 22.2
WUAZ	Wupatki	64.93	64	P	P	09 45 22.1 +1.8
WUAZ	Wupatki	64.93	64	I	Amb	09 45 23.4
IPM	Iphoh	65.01	245	P	P	09 45 22.0 +1.2
IPM	Iphoh	65.01	245	P	P	09 45 24.4
IPM	Iphoh	65.01	245	P	P	09 45 22.0 +1.2
ISCO	Idaho Springs	65.09	57	P	P	09 45 23.2 +1.7
ISCO	Idaho Springs	65.09	57	I	Amb	09 45 24.5
Y14A	Wickenburg	65.09	66	I	Amb	09 45 23.9
COEN	Coen	65.14	194	P	P	09 45 21.2 -0.3
COEN	Coen	65.14	194	P	P	09 45 21.8 +0.3
SUS4	Miller	65.16	50	P	P	09 45 23.2
N20D	NORSAR Array S	65.28	343	I	Amb	09 45 23.2
MVCO	Mesa Verde	65.36	61	P	P	09 45 24.6 +1.5
MVCO	Mesa Verde	65.36	61	I	Amb	09 45 25.7
NB2	NORSAR Subarra	65.41	342	P	P	09 45 21.0 -1.8
NOA	NORSAR Array B	65.41	342	P	P	09 45 21.2 -1.6
113A	Mohawk Valley	65.47	68	I	Amb	09 45 26.0
BHPL	Bhopal	65.50	277	eP	P	09 45 22.8 -1.1
BHPL	Bhopal	65.50	277	I	Amb	09 45 27.8
VSR	Storozhevoje	65.55	322	eP	P	09 45 23.7 -0.1
VSR	Storozhevoje	65.55	322	P	P	09 45 27.0 +0.3
MYKOM	Kota Tinggi	65.60	241	P	P	09 45 26.0 +1.4
X16A	Lo Mia Camp	65.67	65	I	Amb	09 45 28.2
WORD	Dinvogire	65.70	322	eP	P	09 45 23.2 -1.5
WORD	Dinvogire	65.70	322	P	P	09 45 28.6 +1.9
E22A	4UR Ranch, Cre	65.90	60	P	P	09 45 27.0 +0.3
SYM	Elly	66.00	43	P	P	09 45 27.1 +0.3
EYMN	Ely	66.00	43	I	Amb	09 45 28.0 +0.6
SOEI	Soe	66.12	215	P	P	09 45 29.9 +1.7
W18A	Petrified Fore	66.15	63	P	P	09 45 29.3 +1.3
OGNE	Ogallala	66.16	54	P	P	09 45 29.2 +1.3
X18A	Snowflake	66.45	64	I	Amb	09 45 29.4 -1.1
GEYT	Alibeck	66.54	301	P	P	09 45 30.5 +0.1
GEYT	Alibeck	66.54	301	P	P	09 45 31.2 +0.8
GEYT	Alibeck	66.54	301	P	P	09 45 31.2 +0.8
GYAO	Alibeck Array	66.54	301	P	P	09 45 31.2 +0.8
GYAO	Alibeck Array	66.54	301	P	P	09 45 32.4 +1.4
GYAO	Alibeck Array	66.54	301	P	P	09 45 32.4 +1.4
214A	Organ Pipe Nat	66.62	68	I	Amb	09 45 33.7
214A	Organ Pipe Nat	66.62	68	I	Amb	09 45 32.8 +1.5
SDCO	Great Sand Dun	66.63	59	I	Amb	09 45 34.1
SDCO	Great Sand Dun	66.63	59	I	Amb	09 45 32.5 +0.4
ECSD	EROS Data Cent	66.82	49	P	P	09 45 33.6
ECSD	EROS Data Cent	66.82	49	I	Amb	09 45 33.0 +0.6
NACGM	Naroch	66.91	331	e	P	09 45 34.2
E38A	The Farm, Brul	66.99	44	I	Amb	09 45 36.0 +0.9
KSCO	Kaye Shedlock	67.26	56	I	Amb	09 45 37.3
KSCO	Kaye Shedlock	67.26	56	I	Amb	09 45 36.6 +0.4
SPMN	Marine on St.	67.48	46	P	P	09 45 37.7
SPMN	Marine on St.	67.48	46	I	Amb	09 45 38.4 +1.4
TUC	Tucson	67.56	66	P	P	09 45 38.4 +1.4
TUC	Tucson	67.56	66	I	Amb	09 45 39.0 +1.2
TUC	Tucson	67.56	66	I	Amb	09 45 38.4 +1.4
TUC	Tucson	67.56	66	I	Amb	09 45 39.0 +1.2
T25A	Trinidad	67.67	59	P	P	09 45 38.6 +0.0
BGNE	Belgrade	67.80	52	P	P	09 45 38.8 0.0
PLAI	Plampang	67.85	222	P	P	09 45 38.9 -0.3
WBSI	Waikabubak, Au	67.91	220	P	P	09 45 39.8 +0.4
BASI	Baing, Sumba	67.95	218	P	P	09 45 42.2 +1.5
ANMO	Albuquerque	68.13	61	P	P	09 45 41.9 +1.2
ANMO	Albuquerque	68.13	61	P	P	09 45 42.2 +1.5
ANMO	Albuquerque	68.13	61	P	P	09 45 42.2 +1.5
ANMO	Albuquerque	68.13	61	P	P	09 45 43.5
L34A	Svensden Farm,	68.26	50	I	Amb	09 45 42.3
Y22D	IRIS PASSCAL I	68.51	62	I	Amb	09 45 45.1 +2.1
Y22D	IRIS PASSCAL I	68.51	62	I	Amb	09 45 46.5
G40A	Rib Lake	68.63	44	I	Amb	09 45 44.6
N33A	J Bar K, Exete	68.65	52	I	Amb	09 45 44.5
GOF	Goettschweye	68.72	316	eP	P	09 45 58.7 +1.5
CBKS	Cedar Bluff	68.92	54	P	P	09 45 45.3 -0.1
CBKS	Cedar Bluff	68.92	54	I	Amb	09 45 46.0 -0.3
HYB	Hyderabad	69.03	272	iP	P	09 45 47.1 +0.8
HYB	Hyderabad	69.03	272	eP	P	09 45 48.9
SCHO	Schefferville	69.08	25	P	P	09 45 46.3 +0.2
SCHO	Schefferville	69.08	25	LR	LR	10 18 47.4
319A	Douglas	69.11	66	I	Amb	09 45 49.6
121A	Cookes Peak, D	69.14	64	P	P	09 45 48.7 +1.8
121A	Cookes Peak, D	69.14	64	I	Amb	09 45 50.2
E43A	Lone Tree Farm	69.15	41	I	Amb	09 45 47.7
E42A	Maple Grove Fa	69.15	43	I	Amb	09 45 48.1
F44A	Grand Marais A	69.41	41	P	P	09 45 48.5 +0.3
N35A	Tabor	69.46	50	I	Amb	09 45 49.9
K38A	Parkersburg	69.47	47	I	Amb	09 45 50.1
H40A	Norwalk	69.51	45	I	Amb	09 45 50.1
AKASG	Malin Array Be	69.65	327	P	P	09 45 47.3 -2.3
AKASG	Malin Array Be	69.65	327	LR	LR	10 18 29.3

AKASG	Malin Array Be	69.65	327	P	P	09 45 48.2 -1.4
AKASG	Malin Array Be	69.65	327	P	P	09 45 48.0 -1.6
AKASG	Malin Array Si	69.65	327	P	P	09 45 48.7 -0.9
AKBIB	Malin Array Si	69.65	327	P	P	09 45 48.7 -0.9
AKBIB	Kilovodsk	69.74	315	eP	P	09 45 50.0 -0.4
KIV	KIV	69.82	315	P	P	09 45 50.1 -0.6
KBZ	KBZ	69.82	315	P	P	10 20 02.5
KBZ	KBZ	69.82	315	P	P	09 45 50.6 -0.1
PWJI	Pagerwojo	69.82	228	P	P	09 45 50.6 -0.4
SCIA	State Center	69.83	48	P	P	09 45 51.5 +0.6
HSIG	HSIG	69.85	69	I	Amb	09 45 53.7
SHA1	Shidzhatmaz	69.92	315	iP	P	09 45 51.8 +0.1
D46A	Saul Mari	69.97	39	P	P	09 45 51.0 -0.6
MATO	Matagami	70.05	34	P	P	09 45 51.7 -0.4
GDG	Grand Gout	70.08	311	P	P	09 45 58.0 +5.3
DULL	Defotlistskaro	70.08	311	P	P	09 45 56.3 +3.8
ZEI	Tsey	70.09	314	eP	P	09 45 51.5 -1.2
D47A	Chapleau	70.21	39	P	P	09 45 52.5 -0.6
H42A	Draeger Farm,	70.28	44	I	Amb	09 45 54.7
KSU1	Kansas State U	70.32	43	I	Amb	09 45 53.3 -0.6
H43A	Windswept, Lux	70.32	43	I	Amb	09 45 55.1
F45A	CMU Biological	70.33	41	P	P	09 45 53.7 -0.1
JFW5	Jewell Farm	70.44	46	P	P	09 45 54.0 -0.5
MSVF	Nonsavu	70.51	158	P	P	09 45 57.3 +2.1
MSVF	Nonsavu	70.51	158	P	P	09 45 57.3 +2.1
MSVF	Nonsavu	70.51	158	P	P	09 45 54.9 -0.7
E47A	Iron Bridge	70.62	39	P	P	09 45 54.9 -0.8
D48A	Paudash Townsh	70.63	38	P	P	09 45 56.7
L40A	Anamosa	70.65	47	I	Amb	09 45 57.3
N38A	Joes South For	70.68	49	I	Amb	09 45 56.6 0.0
G45A	Suttons Bay	70.78	42	P	P	09 45 57.6
G45A	Suttons Bay	70.78	42	I	Amb	09 45 58.1 +0.9
AMTX	Amarillo	70.82	58	P	P	09 45 59.4
AMTX	Amarillo	70.82	58	I	Amb	09 45 57.1 -0.2
G46A	Petoskey	70.89	41	P	P	09 45 58.4 +0.7
MSTX	Muleshoe	70.91	60	P	P	09 45 59.8
MSTX	Muleshoe	70.91	60	I	Amb	09 45 57.7 0.0
H45A	Beulah	70.95	42	P	P	09 45 57.5 -0.8
E48A	Lockeyer	71.05	39	P	P	09 46 00.3 +1.3
MNTX	Cornudas Mount	71.13	63	P	P	09 46 01.7
MNTX	Cornudas Mount	71.13	63	I	Amb	09 46 00.8 -0.9
U32A	Winter Ranch,	71.14	56	I	Amb	09 46 01.4 -0.7
POO	POO	71.21	276	eP	P	09 46 02.4 0.0
H45A	Fountain	71.34	43	P	P	09 46 02.6 +0.1
H46A	Fife Lake	71.38	42	P	P	09 46 02.8 +0.3
GLMI	Grading	71.39	41	P	P	09 46 04.0 0.0
GLMI	Grading	71.39	41	I	Amb	09 46 00.8 -0.9
D50A	G1974 Best Tow	71.39	37	P	P	09 46 01.4 -0.7
F48A	Evansville	71.40	39	P	P	09 46 01.1
L42A	Oliver, Polo	71.42	46	I	Amb	09 46 00.3 -0.3
G47A	Hillman	71.43	40	P	P	09 46 02.0
P38A	Dawn	71.44	50	I	Amb	09 46 01.7
K43A	Burlington	71.47	45	I	Amb	09 46 00.8 -0.9
VLD0	Val d'Or	71.50	35	I	Amb	09 46 01.4 -0.7
D51A	Lot 18 Ranch	71.64	37	P	P	09 46 02.4 0.0
F49A	Sandfield	71.69	39	P	P	09 46 02.6 +0.1
H47A	Mito	71.75	41	P	P	09 46 02.8 +0.3
J45A	Montague	71.75	43	P	P	09 46 04.0 0.0
H46A	Reed City	71.75	42	P	P	09 46 05.2
H48A	Harrisville	72.03	40	P	P	09 46 03.6 -0.7
H48A	Harrisville	72.03	40	I	Amb	09 46 04.4 0.0
E51A	G1948 Merrick	72.05	37	P	P	09 46 05.5
L44A	Lake County Fo	72.08	45	P	P	09 46 04.7 +0.2
L44A	Lake County Fo	72.08	45	I	Amb	09 46 06.2
I47A	Gladwin	72.09	41	P	P	09 46 07.0
I47A	Gladwin	72.09	41	I	Amb	09 46 05.2 -0.4
P40A	Paris	72.23	49	I	Amb	09 46 06.0 +0.3
D53A	Lac Vache, Po	72.27	36	P	P	09 46 05.1 -1.2
H48A	Sherman Twp	72.29	41	P	P	09 46 07.9 +0.8
F51A	Arnstein	72.39	38	P	P	09 46 08.9
WMOK	Wichita Mounta	72.50	57	P	P	09 46 06.5 -0.8
WMOK	Wichita Mounta	72.50	57	I	Amb	09 46 08.2 +0.7
E52A	Mattawa	72.58	37	P	P	09 46 09.1
J47A	Summer	72.59	42	P	P	09 46 07.0 -0.5
J47A	Summer	72.59	42	I	Amb	09 46 07.6 0.0
D54A	Lac Fusel, La	72.60	35	P	P	09 46 08.9
M44A	Dorr	72.62	43	P	P	09 46 10.1
K46A	Midewin, Midew	72.65	45	I	Amb	09 46 08.1 -0.2
OKCFA	Oklahoma City	72.68	55	I	Amb	09 46 27.9 +2.7
WRA	Warramunga Arr	72.70	202	P	P	09 46 06.8 -1.5
WRA	Warramunga Arr	72.70	202	P	P	09 46 10.0 +1.5
DZM	Mont Dzumac	72.72	170	eP	P	09 46 30.8 +0.4

DZM	Mont Dzumac	72.72	170	eLR	LR	10 08 18.4
DZM	Mont Dzumac	72.72	170	P	P	09 46 10.3 +1.8
DZM	Mont Dzumac	72.72	170	I	Amb	09 46 11.4
F52A	Sundridge	72.73	37	P	P	09 46 07.8 -0.5
HDIL	Hopedale	72.73	47	P	P	09 46 08.4 0.0
I49A	Point Hope	72.86	40	I	Amb	09 46 09.2 +0.1
I49A	Point Hope	72.86	40	I	Amb	09 46 10.3
E53A	Dumoine, Ponti	72.88	36	P	P	09 46 08.6 -0.5
L46A	Eue Claire	72.93	44	P	P	09 46 09.6 0.0
L46A	Eue Claire	72.93	44	I	Amb	09 46 10.8
K47A	Vermontville	72.97	43	P	P	09 46 10.1 +0.3
J48A	Bridge Port	72.98	41	P	P	09 46 10.0 +0.2
J48A	Bridge Port	72.98	41	I	Amb	09 46 11.3
E54A	Lac Duplat, Po	73.01	36	P		

7d 9h

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Table with columns: Name, Location, Date, Time, Status, and other details. Includes entries like MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, etc.

Table with columns: Name, Location, Date, Time, Status, and other details. Includes entries like J56A Wolcott, J56A Wolcott, KHC Kasperske Hory, etc.

Table with columns: Name, Location, Date, Time, Status, and other details. Includes entries like PKME Peaks-Kenny Pk, M56A Emporium, M56A Emporium, etc.

N58A	Sunbury	77.93	38	Iamb	Iamb	09 46 39.3	X51A	Calhoun	79.64	47	P	P	09 46 47.7 +0.1	STKA	Stevens Creek	82.98	193	P	P	09 47 05.4 +0.4							
J63A	Strafford	77.94	33	P	P	09 46 38.7 +0.6	P61A	Hammonont	79.69	38	P	P	09 46 47.4 -0.4	STKA	comp=Z,2.14nm,0.9s,baz=344,slow=6.5,SNR=6.9	pP	pP	09 47 26.1 -1.3	STKA	comp=Z,14nm,0.9s,baz=348,slow=6.0,SNR=12	LR	LR	10 23 04.8				
L61A	Hillsdale 1, H	77.98	36	P	P	09 46 38.6 +0.2	U55A	TA2, Sparta	79.78	44	P	P	09 46 48.8 +0.3	Z58A	St. Stephen	82.98	44	P	P	09 47 05.6 +0.3	157A	Early Branch	83.00	46	P	P	09 47 06.1 +0.7
WATA	Walderalm	77.99	336	iP	P	09 46 40.3 +1.8	T56A	Rocky Mt	79.78	43	P	P	09 46 48.4 +0.1	NH5C	New Hope	83.01	45	P	P	09 47 06.0 +0.6	Y60A	Bolivia	83.12	43	P	P	09 47 06.0 0.0
WT7A	Wattenberg	78.04	336	iP	P	09 46 39.8 +0.9	Q60A	Greensboro	79.85	39	P	P	09 46 48.8 +0.1	Z59A	Georgetown, SC	83.30	44	P	P	09 47 07.1 +0.2	RAYN	Ar Rayn	84.48	30	P	P	09 47 12.8 -0.4
RE7A	Reutte	78.05	337	iP	P	09 46 40.4 +1.6	LRAL	Lakeview Retre	79.86	50	P	P	09 46 47.8 -1.0	RAYN	Ar Rayn	84.48	300	P	P	09 47 12.8 -0.4	RAYN	Ar Rayn	84.48	300	P	P	09 47 14.8
K62A	Royalston	78.06	34	P	P	09 46 39.3 +0.5	R58B	Mineral	79.90	41	P	P	09 46 49.2 +0.2	V54A	Nebo	79.98	45	P	P	09 46 49.6 +0.2	FORT	Forest	84.64	204	Iamb	Iamb	09 47 15.1
L61B	Northampton	78.08	35	P	P	09 46 38.9 -0.1	R58B	Mineral	79.90	41	Iamb	Iamb	09 46 50.5	R59A	King George, V	80.02	40	P	P	09 46 50.3 +0.7	BBOO	Bucklebo	84.80	197	P	P	09 47 14.3 +0.1
MYKA	Terra Mystica	78.09	335	iP	P	09 46 40.1 +1.1	CBN	Corbin Frederi	79.91	40	P	P	09 46 49.4 +0.4	S58A	Poland Farm, P	80.13	41	P	P	09 46 50.5 +0.2	BBOO	Bucklebo	84.80	197	P	P	09 47 14.3 +0.1
T51A	Gray	78.09	45	P	P	09 46 39.5 +0.3	CBN	Corbin Frederi	79.91	40	Iamb	Iamb	09 46 50.5	T57A	Hurt	80.14	42	P	P	09 46 50.4 +0.1	VSL	Villasola	85.87	335	Iamb	Iamb	09 47 21.8
O57A	Amberson	78.10	39	P	P	09 46 39.3 +0.2	V54A	Nebo	79.98	45	P	P	09 46 49.6 +0.2	G61A	Milford	80.16	38	P	P	09 46 51.0 +0.7	DWPF	Disney Wildern	86.62	48	P	P	09 47 24.5 +0.9
MOT4	Mocsalm	78.10	337	iP	P	09 46 40.0 +0.8	R59A	King George, V	80.02	40	P	P	09 46 50.3 +0.7	R60A	Leardtown, M	80.18	40	P	P	09 46 50.9 +0.4	TBI	Tubuai	87.65	132	eLR	LR	10 15 00.7
Q55A	Buckhannon	78.11	42	P	P	09 46 39.7 +0.4	S58A	Poland Farm, P	80.13	41	P	P	09 46 50.5 +0.2	BG3	Lake Jocassee	80.18	46	Iamb	Iamb	09 46 52.3	TBI	Tubuai	87.65	132	eLR	LR	11 24 00.7
SQ7A	Sankt Quirin	78.19	337	iP	P	09 46 40.8 +1.2	T57A	Hurt	80.14	42	P	P	09 46 50.4 +0.1	U56A	King	80.20	43	P	P	09 46 50.7 +0.1	SOCY	Socotra	88.43	287	Iamb	Iamb	09 47 31.9
P56A	Dayton Farm, R	78.20	40	P	P	09 46 40.2 +0.6	G61A	Milford	80.16	38	P	P	09 46 51.0 +0.7	U56A	King	80.20	43	Iamb	Iamb	09 46 52.3	PAB	San Pablo	88.81	345	P	P	09 47 33.1 -1.0
N59A	State Game Lan	78.24	38	P	P	09 46 40.0 +0.1	R60A	Leardtown, M	80.18	40	P	P	09 46 50.9 +0.4	Z50A	Ashland	80.21	49	P	P	09 46 50.0	PAB	San Pablo	88.81	345	P	P	09 47 33.1 -1.0
N59A	State Game Lan	78.24	38	Iamb	Iamb	09 46 41.0	BG3	Lake Jocassee	80.18	46	Iamb	Iamb	09 46 52.3	Z50A	Ashland	80.21	49	Iamb	Iamb	09 46 52.0	KEST	Kesra	89.40	334	P	P	09 47 36.6 -0.3
AB7A	Abfattersbach	78.29	336	iP	P	09 46 39.5 -0.6	U56A	King	80.20	43	P	P	09 46 50.7 +0.1	PDG	Podgorica	80.22	329	iP	P	09 46 50.3 -0.3	KEST	Kesra	89.40	334	P	P	09 47 36.6 -0.3
K63A	Dunstable	78.29	34	P	P	09 46 40.7 +0.6	U56A	King	80.20	43	Iamb	Iamb	09 46 52.3	V55A	Taylorville	80.24	44	P	P	09 46 51.3 +0.4	CCIG	Comitan	90.64	63	Iamb	Iamb	09 47 44.7
S53A	Williamson	78.32	44	P	P	09 46 40.8 +0.4	Z50A	Ashland	80.21	49	Iamb	Iamb	09 46 52.0	SS9A	Mechanicville	80.32	40	P	P	09 46 51.4 +0.2	DBIC	Dimbokro	120.85	338	PKP	PKPdf	09 53 31.9 -0.3
M60A	Port Jervis	78.33	37	P	P	09 46 40.0 -0.4	PDG	Podgorica	80.22	329	iP	P	09 46 50.3 -0.3	X53A	Estanolee	80.42	46	P	P	09 46 52.3 +0.4	PTGA	Pittinga	121.66	44	PKP	PKPdf	09 53 33.7 -0.2
R54A	Victor	78.40	43	P	P	09 46 41.1 +0.3	V55A	Taylorville	80.24	44	P	P	09 46 51.3 +0.4	W54A	Cherokee Point	80.44	45	P	P	09 46 52.2 +0.2	PTGA	Pittinga	121.66	44	PKP	PKPdf	09 53 33.7 -0.2
T52A	Halle	78.41	45	P	P	09 46 41.5 +0.6	SS9A	Mechanicville	80.32	40	P	P	09 46 51.4 +0.2	T58A	Grand View Agr	80.49	42	P	P	09 46 52.5 +0.3	VNDA	Vanda	127.72	178	PKP	PKPdf	09 53 43.3 -0.1
HRV	Adam Dzewiowski	78.44	34	P	P	09 46 41.5 +0.6	X53A	Estanolee	80.42	46	P	P	09 46 52.3 +0.4	Z51A	Franklin	80.51	48	Iamb	Iamb	09 46 53.5	LPZ	La Paz	130.74	63	PKP	PKPdf	09 53 51.8 +0.1
HRV	Adam Dzewiowski	78.44	34	P	P	09 46 41.5 +0.6	W54A	Cherokee Point	80.44	45	P	P	09 46 52.2 +0.2	Z51A	Franklin	80.51	48	Iamb	Iamb	09 46 53.5	GO01	Chusmiza	132.80	66	PKP	PKPdf	09 53 56.4 -0.2
HRV	Adam Dzewiowski	78.44	34	P	P	09 46 41.5 +0.6	T58A	Grand View Agr	80.49	42	P	P	09 46 52.5 +0.3	Z51A	Franklin	80.51	48	Iamb	Iamb	09 46 53.5	GO01	Chusmiza	132.80	66	PKP	PKPdf	09 53 56.4 -0.2
Q56A	Snyder Ridge	78.45	41	P	P	09 46 41.4 +0.3	Z51A	Franklin	80.51	48	Iamb	Iamb	09 46 53.5	TAOE	Nuku Hiva Isla	80.54	116	eLR	LR	10 11 54.3	SIV	San Ignacio	134.35	55	PKP	PKPdf	09 53 57.7 -0.2
DAVA	Damuels	78.46	337	iP	P	09 46 42.2 +1.0	U57A	Blanch	80.58	42	P	P	09 46 53.0 +0.4	U57A	Blanch	80.58	42	P	P	09 46 53.0 +0.4	MAW	Mawson	136.46	214	PKP	PKPdf	09 53 58.1 -2.0
O58A	Leisberry	78.46	39	P	P	09 46 41.2 +0.4	Y52A	Lilburn	80.59	47	P	P	09 46 53.3 +0.5	Y52A	Lilburn	80.59	47	P	P	09 46 53.3 +0.5	BOSA	Boshof	137.38	282	PKP	PKPdf	09 54 01.8 -1.5
FETA	Feichten	78.50	337	iP	P	09 46 41.8 +0.4	R61A	Mocksville	80.60	44	P	P	09 46 53.1 +0.3	V56A	Willards	80.63	39	P	P	09 46 52.5 -0.3	BOSA	Boshof	137.38	282	PKP	PKPdf	09 54 01.8 -1.5
342A	Flagon Creek P	78.51	54	Iamb	Iamb	09 46 44.2	V56A	Willards	80.63	39	P	P	09 46 52.5 -0.3	S60A	Water View	80.63	40	P	P	09 46 53.1 +0.2	BDFB	BDFB	140.12	38	PKP	PKPdf	09 54 00.6
VISS	Visnjic	78.52	34	iP	P	09 46 40.6 -0.7	R61A	Mocksville	80.60	44	P	P	09 46 53.1 +0.3	KM5C	Kings Mountain	80.78	45	P	P	09 46 53.8 0.0	CPUP	comp=Z,7.8nm,1.0s,baz=355,slow=2.0,SNR=5.4	PKPbc	PKPbc	09 54 15.9 +0.3		
N60A	Cedar Hill Far	78.54	37	P	P	09 46 41.2 -0.3	KM5C	Kings Mountain	80.78	45	Iamb	Iamb	09 46 55.0	X54A	Beltor	80.81	46	P	P	09 46 54.3 +0.4	SYO	Syowa Base	145.16	214	iPKP	PKPbc	09 54 12.2 -3.3
P57A	Homestead Farm	78.56	40	P	P	09 46 41.9 +0.2	X54A	Beltor	80.81	46	P	P	09 46 54.3 +0.4	V57A	Coltrane Farms	80.85	43	P	P	09 46 54.3 +0.2	SYO	Syowa Base	145.16	214	iPKP	PKPbc	09 54 12.2 -3.3
S54A	Dingess, Beckl	78.58	43	P	P	09 46 42.2 +0.3	V57A	Coltrane Farms	80.85	43	P	P	09 46 54.3 +0.2	T59A	Doile "B" Far	80.88	41	P	P	09 46 54.8 +0.5	SYO	Syowa Base	145.16	214	iPKP	PKPbc	09 54 12.2 -3.3
O59A	Robesonia	78.59	38	P	P	09 46 41.8 0.0	T59A	Doile "B" Far	80.88	41	P	P	09 46 54.8 +0.5	ZCCA	Zocca	80.91	336	Iamb	Iamb	09 47 04.3	SYO	Syowa Base	145.16	214	iPKP	PKPbc	09 54 12.2 -3.3
SWET	Sewanee	78.60	48	Iamb	Iamb	09 46 43.1	U58A	Oxford	80.95	42	P	P	09 46 54.7 +0.1	U58A	Oxford	80.95	42	P	P	09 46 54.7 +0.1	PLCA	Passo Flores	146.28	92	PKPbc	PKPbc	09 54 19.6 -0.4
TZ7N	Tazewell	78.62	45	P	P	09 46 42.6 +0.5	250A	Grady	81.08	50	Iamb	Iamb	09 46 57.2	T60A	Surry	81.08	40	P	P	09 46 55.5 +0.3	PLCA	Passo Flores	146.28	92	PKPbc	PKPbc	09 54 19.6 -0.4
M61A	Granite Spring	78.67	36	P	P	09 46 42.1 -0.1	T60A	Surry	81.08	40	P	P	09 46 55.5 +0.3	W56A	Indian Trail	81.12	44	P	P	09 46 55.7 +0.1	SNA	Sanea	156.69	197	PKPab	PKPab	09 55 03.1 -0.1
R55A	Marlinton	78.69	42	P	P	09 46 43.0 +0.5	W56A	Indian Trail	81.12	44	P	P	09 46 55.7 +0.1	X55A	Gracelyn & Ava	81.21	45	P	P	09 46 56.4 +0.4	SNA	Sanea	156.69	197	PKPab	PKPab	09 55 03.1 -0.1
R55A	Marlinton	78.69	42	Iamb	Iamb	09 46 44.1	V58A	Windy Hill, Pi	81.21	43	P	P	09 46 56.5 +0.4	V58A	Windy Hill, Pi	81.21	43	Iamb	Iamb	09 46 57.6	SNA	Sanea	156.69	197	PKPab	PKPab	09 55 03.1 -0.1
T53A	Wise	78.72	44	P	P	09 46 43.0 +0.3	GOGA	Godfrey	81.24	47	P	P	09 46 56.6 +0.3	V58A	Windy Hill, Pi	81.21	43	Iamb	Iamb	09 46 57.6	VNA2	Neumayer-Watz	158.10	194	PKPab	PKPab	09 55 08.3 -0.9
VBMS	Vicksburg	78.77	53	P	P	09 46 44.2 +1.3	U59A	Littleton	81.31	41	P	P	09 46 56.9 +0.4	T59A	Doile "B" Far	80.88	41	P	P	09 46 54.8 +0.5	VNA3	Neumayer Olymp	158.15	192	PKPab	PKPab	09 55 08.5 -1.0
VBMS	Vicksburg	78.77	53	Iamb	Iamb	09 46 45.2	U59A	Littleton	81																		

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ODAN Odare, TAPN Taplejung, YSS Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like VRI Vrincoiaia, GRER Odobesti, ODBI Dobca, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KIS Mangalia, MANR Mangalia, PLEV Pleven, etc.

SOF 07 12:59:49.1, 45:52N-26:21E, h2km, MD3.7
SIGU 07 12:59:52.6, 0.4, 46 N2 x 2 BE+, h119km, 2km, mb2.8/4
BUC 07 12:59:53.1, 0.3, 45:49N-26:27E, h112km, 2km, m14, 1/49,
Error ellipse: s-maj=1.7km s-min=1.5km az=171.0
BEO 07 12:59:55.4, 1.4, 45:49N-26:08E, h2km, M1.1/9
ISC 07 12:59:52.1, 2.45, 50N-02:26E, 0.02, h124km, 5km,
n154, r190/247, 125C-75D, Romania

SOME 07 13:14:56.6, 43:53N-69:73E
NNC 07 13:14:57.4, 1.7, 43:56N-69.77E, h4km, 14km, mb3.6,
mpv3.0, Error ellipse: s-maj=10.7km s-min=5.7km
az=132.0, Suspected Missing explosion
KRNET 07 13:15:04.9, 0.1, 43:57N-69.49E, mb2.9
ISC 07 13:14:57.6, 2.4, 43:57N-0:07-69.7E, 0.1, h0km, n19,
r172/29, 17C-3D, Central Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BRLS Borolday, KARAT Karatay Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KUU, TNSS, and TNS.

NEIC 07 13:22:06.3, 1.9, 17.44N:0.09:94.49W:0.08, h145km, 6km, mb4.5/98, Error ellipse: s-maj=14.1km s-min=9.3km az=214.0

IDC 07 13:22:06.3, 0.5, 17.40N:94.46W, h139km, 5km, mb3.5/10, mb1 4.2/26, mb1mx3.5/34, mbtmp3.9/12, Error ellipse: s-maj=23.2km s-min=11.2km az=68.0

MEX 07 13:22:07.4, 0.8, 17.37N:94.61W, h157km, 6km, MD4.5

ISC 07 13:22:06.6, 0.6, 17.39N:0.05:94.53W:0.04, h150km, 5km, n128, s09/137, mb4.5/35, Chiapas

Main table on the left side of the page, listing station data for various stations including Matias Romero, Comitan, and others.

Main table in the middle of the page, listing station data for stations like R50A, U56A, BLO, W56A, and others.

Main table on the right side of the page, listing station data for stations like mb4.7/252, Mds, 1(SNET), Error ellipse, and others.

7d 13h

GOGA	Godfrey	20.63	22	P	Iamb	Iamb	13 36 35.8	0.0
GOGA	comp-Z,26nm,0.9s						13 36 53.7	
W39A	Magazine	20.64	358	P	P	P	13 36 35.2	-0.7
W39A	Magazine	20.64	358	P	P	P	13 36 36.7	+0.9
MNTX	Cornudas Mount	20.67	328	P	Pn	Pn	13 36 38.1	-1.1
MNTX	baz=142,SNR=22							
MNTX	Cornudas Mount	20.67	328	P	P	Pn	13 36 38.5	-0.6
WHAR	Woolly Hollow	20.72	1	P	P	P	13 36 38.0	-1.5
Y52A	Libburn	20.83	21	P	P	P	13 36 37.2	-0.7
Y52A	Libburn	20.83	21	P	P	P	13 36 37.9	0.0
PLAL	Pickwick Lake	20.83	11	P	P	P	13 36 37.5	-0.5
WMOK	Wichita Mounta	20.89	346	P	P	P	13 36 38.3	-0.2
WMOK	Wichita Mounta	20.89	346	P	P	P	13 36 37.8	-0.8
W35A	Tecumseh	20.91	350	P	P	P	13 36 38.8	+0.1
FPAL	Fort Paine	20.97	17	P	P	P	13 36 39.6	0.0
157A	Early Branch	21.03	29	P	P	P	13 36 39.0	-1.1
FNO	Franklin	21.10	349	P	P	P	13 36 41.4	+0.6
MSTX	Muleshoe	21.42	337	P	P	P	13 36 46.5	+2.1
MSTX	baz=152,SNR=7.3							
SWET	Sewanee	21.53	15	P	P	P	13 36 45.8	+1.4
LCAR	Lake Charles	21.54	3	P	P	P	13 36 45.7	+0.2
X53A	Estanoollee	21.67	22	P	P	P	13 36 46.7	-0.2
W50A	Signal Mountai	21.68	17	P	P	P	13 36 47.4	+0.5
W50A	comp-Z,31nm,0.9s						13 37 05.1	
Z57A	Bowman	21.68	28	P	P	P	13 36 46.9	-0.2
Y55A	Saluda	21.72	25	P	P	P	13 36 47.8	+0.3
HHAR	Hobbs	21.73	357	P	P	P	13 36 48.2	+0.6
U40A	Yellville	21.78	360	P	P	P	13 36 48.9	+0.8
U40A	baz=179							
U40A	Yellville	21.78	360	P	P	P	13 36 48.2	+0.1
HODGE	Hodges	21.82	24	P	P	P	13 36 48.5	0.0
AMTX	Amarillo	21.85	340	P	P	P	13 36 50.0	+1.1
AMTX	Amarillo	21.85	340	P	P	P	13 36 49.4	+0.4
AMTX	comp-Z,24nm,0.8s						13 36 53.2	
U38A	Gravette	21.91	356	P	P	P	13 36 50.3	+0.9
WVT	Waverly	21.99	11	P	P	P	13 36 49.5	-0.9
WVT	baz=192							
WVT	Waverly	21.99	11	P	P	P	13 36 49.9	-0.5
W52A	Murphy	22.00	20	P	P	P	13 36 50.9	+0.4
W52A	comp-Z,22nm,1.0s						13 37 06.3	
X54A	Belton	22.05	23	P	P	P	13 36 49.5	-1.6
CPCT	Cooper Cave	22.14	18	P	P	P	13 36 51.8	-0.2
CPCT	comp-Z,26nm,0.9s						13 37 07.3	
BG3	Lake Jocassee	22.24	22	P	P	P	13 36 53.4	+0.3
CLTN	Cedars of Leba	22.26	14	P	P	P	13 36 52.5	-0.8
SDV	Santo Domingo	22.34	102	P	P	P	13 36 52.5	-2.0
SDV	comp-Z,19nm,0.7s,ba						z=285,slow=7,0,SNR=5.6	
T42A	Van Buren	22.50	3	P	P	P	13 36 55.9	+0.1
V51A	Louden	22.52	18	P	P	P	13 36 55.5	-0.5
V51A	comp-Z,40nm,1.4s						13 37 20.3	
X56A	White Oak	22.55	26	P	P	P	13 36 53.9	-2.4
TKL	Tuckaleechee C	22.56	19	P	P	P	13 36 56.2	-0.2
TKL	comp-Z,9.8nm,0.7s						ba=193,slow=12,SNR=12	
TKL	Tuckaleechee C	22.56	19	P	P	P	13 36 56.3	-0.2
T35A	Sooner Cattle	22.59	352	P	P	P	13 36 55.9	-0.9
W54A	Cherokee Point	22.60	23	P	P	P	13 36 55.0	-2.0
121A	Cookes Peak, D	22.60	325	P	P	P	13 36 58.1	+0.9
121A	Cookes Peak, D	22.60	325	P	P	P	13 36 59.4	+2.3
121A	comp-Z,26nm,0.9s						13 37 02.0	
319A	Douglas	22.69	321	P	P	P	13 36 59.4	+1.9
V52A	Sevierville	22.72	19	P	P	P	13 36 59.0	+0.1
V52A	comp-Z,69nm,1.8s						13 37 15.2	
U49A	Red Boiling Sp	22.80	15	P	P	P	13 36 57.9	-1.0
U49A	comp-Z,27nm,1.1s						13 37 21.8	
V53A	Saluda	22.89	21	P	P	P	13 36 59.5	-0.5
BIRD	Birdtown, Kers	22.92	27	P	P	P	13 37 00.1	-0.2
BIRD	comp-Z,53nm,1.6s						13 37 15.2	
T47A	Sharon Grove	22.96	12	P	P	P	13 37 00.6	0.0
T47A	comp-Z,29nm,0.9s						13 37 00.1	-0.8
KMSC	Kings Mountain	22.98	25	P	P	P	13 37 00.2	-0.7
KMSC	baz=209							
S39A	Bolivar	23.11	359	P	P	P	13 37 00.9	-1.2
W56A	Indian Trail	23.29	26	P	P	P	13 37 03.0	-0.8
V54A	Nebo	23.30	23	P	P	P	13 37 03.2	-0.8
V54A	baz=210,SNR=5.1							
S44A	Carbondale	23.32	7	P	P	P	13 37 03.7	-0.4
S44A	comp-Z,32nm,0.9s						13 37 20.1	
T49A	Edmonton	23.42	15	P	P	P	13 37 03.4	-1.7
T49A	Edmonton	23.42	15	P	P	P	13 37 03.8	-1.3
T49A	comp-Z,30nm,1.4s						13 37 28.5	
TZTN	Tazewell	23.45	19	P	P	P	13 37 04.2	-1.2
TZTN	baz=202							
TZTN	Tazewell	23.45	19	P	P	P	13 37 05.0	-0.4
CCM	Cathedral Cave	23.51	3	P	P	P	13 37 05.3	-0.6
CCM	baz=183							
CCM	Cathedral Cave	23.51	3	P	P	P	13 37 05.2	-0.8
T50A	Nancy	23.52	16	P	P	P	13 37 05.1	-0.9
W57A	Gilead	23.56	27	P	P	P	13 37 05.3	-1.1
W57A	baz=212							
W57A	Gilead	23.56	27	P	P	P	13 37 05.1	-1.3
W57A	comp-Z,62nm,1.6s						13 37 44.9	
V55A	Taylorville	23.65	24	P	P	P	13 37 06.2	-1.0
V55A	baz=208,SNR=5.7							
V55A	Taylorville	23.65	24	P	P	P	13 37 06.3	-1.0
V55A	comp-Z,19nm,0.7s						13 37 08.2	
R40A	Maddies Statio	23.71	1	P	P	P	13 37 07.2	-0.6
T51A	Gray	23.72	18	P	P	P	13 37 07.1	-0.8
W58A	Raeoford	23.79	28	P	P	P	13 37 07.9	-0.6
W58A	baz=213							
ANMO	Albuquerque	23.83	331	P	P	P	13 37 11.4	+2.3
ANMO	comp-Z,8.9nm,0.7s						ba=139,slow=13,SNR=21	
ANMO	Albuquerque	23.83	331	P	P	P	13 37 10.6	+1.5
ANMO	baz=145							
ANMO	Albuquerque	23.83	331	P	P	P	13 37 09.7	+0.5
V56A	Moccksville	23.90	25	P	P	P	13 37 08.4	-1.2
U54A	Nelsons Funny	24.01	22	P	P	P	13 37 09.4	-1.3
U54A	baz=206,SNR=5.4							
U54A	Nelsons Funny	24.01	22	P	P	P	13 37 10.3	-0.3
T52A	Hallie	24.14	19	P	P	P	13 37 11.1	-0.6
T52A	baz=203							
T52A	Hallie	24.14	19	P	P	P	13 37 11.2	-0.6
T52A	comp-Z,57nm,1.2s						13 37 27.6	
T53A	Wise	24.18	20	P	P	P	13 37 11.2	-0.9
TUC	Tucson	24.20	320	P	P	P	13 37 14.6	+2.1
TUC	baz=132							
TUC	Tucson	24.20	320	P	P	P	13 37 13.2	+0.8
S50A	Richmond	24.25	16	P	P	P	13 37 12.0	-0.8
S50A	baz=199							
V57A	Coltrane Farms	24.27	26	P	P	P	13 37 11.9	-1.0
V57A	baz=211,SNR=12							
U55A	Taz, Sparta	24.28	23	P	P	P	13 37 12.0	-1.1
U55A	baz=206,SNR=7.1							
WCI	Wyandotte Cave	24.32	12	P	P	P	13 37 12.6	-0.7
WCI	baz=194							
WCI	Wyandotte Cave	24.32	12	P	P	P	13 37 12.9	-0.4
U56A	King	24.41	25	P	P	P	13 37 13.4	-0.8
U56A	baz=209,SNR=5.4							
U56A	King	24.41	25	P	P	P	13 37 12.7	-1.5

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S51A	Beattyville	24.45	18	P	P	P	13 37 13.3	-1.1
S51A	baz=201							
S51A	Beattyville	24.45	18	P	P	P	13 37 13.1	-1.4
S51A	comp-Z,18nm,0.8s						13 37 29.3	
V59A	Windy Hill, Pi	24.48	28	P	P	P	13 37 13.8	-1.0
V59A	baz=213,SNR=6.4							
V58A	Windy Hill, Pi	24.48	28	P	P	P	13 37 13.6	-1.2
V58A	comp-Z,21nm,0.8s						13 37 14.7	
T54A	Tazewell	24.58	22	P	P	P	13 37 14.9	-0.9
T54A	baz=206,SNR=5.4							
R49A	Shelbyville	24.64	14	P	P	P	13 37 15.3	-0.9
R49A	baz=157							
R49A	Shelbyville	24.64	14	P	P	P	13 37 15.1	-1.1
R49A	comp-Z,29nm,1.1s						13 37 42.1	
KSU1	Kansas State U	24.75	353	P	P	P	13 37 17.8	+0.6
KSU1	baz=170							
R50A	Paris	24.84	16	P	P	P	13 37 17.1	-0.9
R50A	baz=199							
R50A	Paris	24.84	16	P	P	P	13 37 17.5	-0.6
R50A	comp-Z,25nm,1.1s						13 37 46.3	
T25A	Trinidad	24.84	337	P	P	P	13 37 20.7	+2.3
T25A	baz=151,							

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like I51A Listowel, MMNY Mt. Morris Dam, DUG Dugway, Tooele, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like LONY Lake Ozonia, LONY Lake Ozonia, YERR Yerington, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like H04A Detroit Lake, I03D Drain, OR, NEW Newport, etc.

7d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and various station identifiers like IMAR, ANM, BILL, NOA, etc.

SJA 07 13:43:18.8,0.8,20.12Sx70.89W,h2km,5km,ML5.6,MW5.7

BUJ 07 13:43:19.8,0.0,20.19Sx71.61W,h6km,mB5.7/65,M5.8/73,M5.7/70

NEIC 07 13:43:20.8,20.16Sx70.87W,h6km,Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr1:8.9; Mw:3.37; Mw:1.48; Mw:0.44; Mw:1.95; Mw:0.27; Fault plane solution: M5.67000x10^17, NP1:3x276.34000x10^17, lambda:114.750000, NP2:3x322.50000x10^17, lambda:129.040000, Principal axes: T 4.8820, Plg52.0000, Azm215.0000; N 1.3415, Plg24.0000, Azm90.0000; P -6.2235, Plg28.0000, Azm347.0000

NEIC 07 13:43:20.8,20.13Sx70.88W,h1.6km,Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr1:7.3; Mw:4.10; Mw:1.37; Mw:2.31; Mw:0.51; Mw:0.99; Fault plane solution: M4.43000x10^17, NP1:3x57.75000x10^17, lambda:64.610000, lambda:46.970000, NP2:3x286.34000x10^17, lambda:115.210000, Principal axes: T 3.9102, Plg61.0000, Azm235.0000; N 0.9018, Plg23.0000, Azm95.0000; P -4.8120, Plg17.0000, Azm358.0000

IDC 07 13:43:20.1,0.3,20.06Sx70.69W,h0km,mb4.6/30,mb1.5/35,mb1mx5.4/39,mbmtps5.4/35,ML4.6/5,M5.5/4/23,M5.1/4/23,ms1mx5.3/27 Error ellipse: s-maj=12.6km s-min=9.2km az=73.7

GUC 07 13:43:20.6,20.13Sx70.91W,h36km,2km,MW6.1 NEIC 07 13:43:21.0,1.6,20.13Sx0.04W,70.85W,0.8,14km,mb5.9/547,M5.20.5/628,Mw5.8/54,Mw5.7/44,Mw5.7,Mw5.7(GCMT),Mw6.1(GUC), Error ellipse: s-maj=8.4km s-min=7.2km az=271.0

MOS 07 13:43:21.2,1.0,19.79Sx70.76W,h10km,mb6.0/85,M5.5/40, Error ellipse: s-maj=9.8km s-min=5.4km az=104.4

VAO 07 13:43:22.6,0.8,20.07Sx70.70W,h18km,5km,mb5.5 GCMT 07 13:43:26.0,0.1,20.13Sx0.01W,70.88W,0.01,117km,MW5.8/144,Moment Tensor Solution. s128,c224; s144,c289 Duration: 167 Moment tensor: Scale 10^17 Nm; Mr1:2.19e; Mw:3.52e; Mw:1.33e; Mw:0.4; Mw:4.28e; Mw:1.04e; Mw:1.17e; Mw:1.2; Best double couple: M5.46300x10^17, NP1:3x46.0000x10^17, lambda:35.000000, lambda:284.000000, NP2:3x67.0000x10^17, lambda:112.000000, Principal axes: T 5.0970, Plg54.0000, Azm220.0000; N 0.7320, Plg21.0000, Azm98.0000; P -8.8290, Plg28.0000, Azm357.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 07 13:43:26.20.15Sx70.80W,h15km,Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr1:2.16; Mw:3.54; Mw:1.38; Mw:2.9; Mw:1.05; Mw:0.96; Fault plane solution: M4.53000x10^17, NP1:3x285.0000x10^17, lambda:118.000000, NP2:3x45.0000x10^17, lambda:35.000000, lambda:284.000000, Principal axes: T 4.0726, Plg55.0000, Azm229.0000; N 0.8051, Plg26.0000, Azm96.0000; P -4.8777, Plg22.0000, Azm354.0000

NEIC 07 13:43:28.20.12Sx70.82W,h26km,Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr1:3.19; Mw:3.11; Mw:0.08; Mw:1.67; Mw:0.31; Mw:0.21; Fault plane solution: M4.11000x10^17, NP1:3x292.0000x10^17, lambda:115.000000, NP2:3x66.0000x10^17, lambda:150.000000, Principal axes: T 4.5020, Plg63.0000, Azm242.0000; N -0.9607, Plg22.0000, Azm110.0000; P -3.5414, Plg15.0000, Azm4.0000

ISC 07 13:43:21.0,0.5,20.12Sx0.02W,70.85W,0.03,h10km,3km, h20km;p-P,1n15,1s126/1786,mb5.9/326,M5.5/372, 32C-6D,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and station identifiers like TA01, PSGC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and station identifiers like PB01, PB02, etc.

2014 APR

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and station identifiers like PB08, PB09, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and station identifiers like CRUC, VAO, etc.

CDVI	St. Croix	38.11	9	P	P	13 50 38.4	-1.9
OBIP	Obispo Ponce	38.16	7	P	Iamb	13 50 38.3	-2.4
SEUS	comp-Z,337nm,1.4s						
PDPR	St. Eustatius	38.17	12	eP	P	13 50 41.0	+0.1
PDPR	Patillas Dam,	38.20	7	P	Iamb	13 50 39.3	-1.7
SABA	comp-Z,324nm,0.9s						
SABA	Saba	38.24	12	eP	P	13 50 37.8	-3.7
SABA	Saba	38.24	12	Iamb	Iamb	13 50 42.0	
SJG	comp-Z,225nm,0.9s						
SJG	San Juan	38.28	7	P	P	13 50 40.2	-1.4
SJG	comp-Z,302nm,0.9s,baz=196,slow=2.1,SNR=50						
SJG	San Juan	38.28	7	P	Pmax	13 50 40.3	-1.4
SJG	comp-Z,324nm,1.0s						
SJG	San Juan	38.28	7	P	MLR	13 50 40.3	-1.4
SJG	comp-Z,6um,20.0s						
SJG	San Juan	38.28	7	P	P	13 50 40.3	-1.4
SJG	comp-Z,324nm,0.9s						
SJG	San Juan	38.28	7	IAMS_20	IAMS_20	14 07 02.4	
BANI	comp-Z,6um,20.0s						
MTP	Monte Pirata	38.28	1	P	P	13 50 40.6	-1.3
MTP	Monte Pirata	38.34	8	P	Iamb	13 50 40.4	-1.9
HUMP	comp-Z,176nm,0.9s						
ACPR	Col San Antonio	38.34	8	P	P	13 50 40.5	-1.7
PCDR	Arecibo Observatory	38.44	6	P	P	13 50 41.4	-1.8
GCPR	Punta Cana, DR	38.47	4	P	P	13 50 42.2	-1.2
GCPR	Guaynabo City	38.48	7	P	P	13 50 41.5	-2.0
AGPR	comp-Z,222nm,1.0s						
AGPR	Aguadilla, PR	38.53	6	P	P	13 50 42.1	-1.7
CUPR	comp-Z,183nm,0.9s						
CUPR	Culebra, Puert	38.58	8	P	Iamb	13 50 42.1	-2.1
EMPR	comp-Z,215nm,0.9s						
EMPR	Esperanza - Ma	38.59	7	P	Iamb	13 50 42.9	-1.5
ANWB	comp-Z,222nm,0.8s						
STVI	Willby Bay	38.60	14	eP	P	13 50 45.2	+0.8
MTDJ	Saint Thomas	38.67	9	P	P	13 50 43.4	-1.6
MTDJ	Mount Denham	38.67	350	P	P	13 50 45.2	0.0
DR12	comp-Z,6um,19.0s						
SDDR	Loma Pena Alta	38.70	2	P	P	13 50 43.0	-2.3
SC01	Presidencia Obasan	38.87	359	P	P	13 50 45.0	+1.3
SC01	Santiago de lo	39.31	0	Iamb	Iamb	13 50 50.1	-0.2
SC01	comp-Z,264nm,0.9s						
APG	comp-Z,9um,19.0s						
GTBY	El Apazote	39.88	330	P	P	13 50 56.8	+1.3
GRTK	Guantanamo Bay	40.02	354	P	P	13 50 56.4	+0.1
GRTK	Grand Turk	41.38	360	Iamb	Iamb	13 51 07.4	-0.1
HOPE	comp-Z,344nm,1.1s						
HOPE	Hope Point	42.95	151	P	Pmax	13 51 20.3	+0.3
HOPE	comp-Z,181nm,1.0s						
HOPE	Hope Point	42.95	151	P	Iamb	13 51 20.3	+0.3
TEIG	comp-Z,181nm,0.9s						
CMIG	Tepeich	43.58	336	P	P	13 51 25.7	+0.3
PMSA	Matias Romero	43.87	326	P	P	13 51 28.3	+0.5
PMSA	comp-Z,24nm,0.9s,baz=136,slow=4.4,SNR=9.9						
PMSA	Palmer Station	44.86	176	P	P	13 51 36.3	+1.2
PMSA	comp-Z,126nm,0.9s,baz=355,slow=7.0,SNR=10						
PMSA	Palmer Station	44.86	176	P	P	13 51 37.4	+2.3
PMSA	Palmer Station	44.86	176	IAMS_20	IAMS_20	14 11 08.5	
PMSA	comp-Z,4um,18.0s						
TLIG	Palmer Station	44.86	176	eP	P	13 51 37.5	+2.3
061Z	TIapa	46.29	322	P	P	13 51 48.1	+0.9
060A	Ochoopi	46.75	348	P	P	13 51 51.8	+1.3
060A	Indiantown	47.78	349	IAMS_20	IAMS_20	14 15 41.7	
DWPF	comp-Z,4um,18.0s						
DWPF	Disney Wildern	49.03	348	P	P	13 52 09.7	+1.5
DWPF	Disney Wildern	49.03	348	IAMS_20	IAMS_20	14 15 14.9	
656A	Willston	50.48	347	P	P	13 52 19.8	+0.6
656A	Willston	50.48	347	Iamb	Iamb	13 52 21.6	
656A	comp-Z,204nm,0.9s						
656A	IAMS_20	50.48	347	IAMS_20	IAMS_20	14 17 47.2	
553A	comp-Z,3um,18.0s						
553A	Crawfordville	51.70	345	P	P	13 52 29.6	+1.2
553A	Crawfordville	51.70	345	IAMS_20	IAMS_20	14 18 25.6	
BBSR	comp-Z,5um,18.0s						
ZAIG	BB Station	52.53	7	P	P	13 52 33.9	-0.6
TIGA	Zacatecas	52.69	322	P	P	13 52 37.7	+1.4
TIGA	Tifton	52.70	346	P	P	13 52 36.7	+0.8
TIGA	baz=165	52.70	346	P	P	13 52 36.0	+0.2
TIGA	Tifton	52.70	346	Iamb	Iamb	13 52 46.5	
257A	comp-Z,393nm,1.7s						
257A	Skidaway Islan	52.71	349	IAMS_20	IAMS_20	14 14 40.4	
255A	comp-Z,4um,22.0s						
255A	Hazlehurst	52.94	348	P	Iamb	13 52 37.6	+0.1
255A	Hazlehurst	52.94	348	Iamb	Iamb	13 52 57.8	
255A	comp-Z,235nm,1.3s						
255A	IAMS_20	52.94	348	IAMS_20	IAMS_20	14 18 19.0	
352A	comp-Z,4um,19.0s						
158A	Blakely	53.06	345	P	P	13 52 38.6	+0.2
158A	Hollywood	53.31	350	P	P	13 52 40.8	+0.5
BRAL	comp-Z,16um,19.0s						
BRAL	Brewton	53.32	343	P	P	13 52 40.7	+0.4
157A	comp-Z,16um,19.0s						
157A	Brewton	53.32	343	P	P	13 52 41.0	+0.6
157A	Early Branch	53.39	349	P	P	13 52 41.2	+0.3
CSU	comp-Z,16um,19.0s						
Z59A	Charleston Sou	53.54	350	P	P	13 52 41.6	-0.4
Z59A	Georgetown, SC	53.67	351	P	P	13 52 42.9	0.0
NH3C	comp-Z,16um,19.0s						
NH3C	New Hope	53.67	350	P	P	13 52 43.5	+0.5
NH3C	comp-Z,16um,19.0s						
NH3C	New Hope	53.67	350	IAMS_20	IAMS_20	14 16 01.9	
154A	comp-Z,5um,22.0s						
154A	Montrose	53.73	347	P	P	13 52 43.8	+0.4
154A	Montrose	53.73	347	IAMS_20	IAMS_20	14 18 44.4	
Z58A	comp-Z,4um,18.0s						
Z58A	St. Stephen	53.84	351	P	P	13 52 44.2	0.0
Z58A	comp-Z,4um,18.0s						
Z58A	Grady	53.87	344	P	Iamb	13 52 44.6	+0.2
Z58A	Grady	53.87	344	Iamb	Iamb	13 53 08.7	
Z58A	comp-Z,16um,19.0s						
Z58A	IAMS_20	53.87	344	IAMS_20	IAMS_20	14 19 58.0	
Z57A	comp-Z,3um,19.0s						
Z57A	Bowman	53.95	350	P	P	13 52 44.9	0.0
Z56A	comp-Z,3um,19.0s						
Z56A	Williston	54.09	349	P	P	13 52 46.6	+0.6
Z56A	Williston	54.09	349	Iamb	Iamb	13 52 49.4	
Z56A	Williston	54.09	349	Iamb	Iamb	13 52 49.4	
Z56A	comp-Z,135nm,0.8s						
Z56A	IAMS_20	54.09	349	IAMS_20	IAMS_20	14 15 31.9	
152A	comp-Z,4um,20.0s						
152A	Waverly Hall	54.14	346	P	P	13 52 46.5	0.0
152A	Waverly Hall	54.14	346	IAMS_20	IAMS_20	14 16 05.3	
346A	comp-Z,3um,20.0s						
Y60A	Big Creek Wild	54.24	340	P	P	13 52 47.3	+0.2
Y59A	Bolivia	54.28	352	P	P	13 52 48.6	+1.2
Y60A	Bolivia	54.28	352	P	P	13 52 48.3	+0.9
Y59A	Loris	54.35	352	P	P	13 52 48.9	+1.1
Y59A	Loris	54.35	352	Iamb	Iamb	13 52 51.3	
Y59A	Loris	54.35	352	Iamb	Iamb	13 52 51.3	
Y59A	comp-Z,150nm,0.8s						
Y59A	IAMS_20	54.35	352	IAMS_20	IAMS_20	14 16 34.8	
Y58A	comp-Z,4um,21.0s						
Y58A	Scranton	54.38	351	P	P	13 52 49.3	+1.2
Y58A	Scranton	54.38	351	IAMS_20	IAMS_20	14 18 30.6	
Y58A	Scranton	54.38	351	IAMS_20	IAMS_20	14 18 30.6	
Y56A	comp-Z,5um,19.0s						
Y56A	Pelion	54.53	349	P	P	13 52 49.4	+0.2
Y56A	Pelion	54.53	349	P	P	13 52 49.4	+0.2
GOGA	comp-Z,5um,19.0s						
GOGA	Godfrey	54.58	347	P	Pmax	13 52 49.4	-0.2
GOGA	Godfrey	54.58	347	Pmax	Pmax	13 52 49.4	-0.2

GOGA	comp-Z,5um,18.0s						
GOGA	Godfrey	54.58	347	P	P	13 52 49.8	+0.2
GOGA	Godfrey	54.58	347	P	P	13 52 49.8	+0.2
GOGA	Godfrey	54.58	347	IAMS_20	IAMS_20	14 19 10.5	
Y57A	comp-Z,5um,18.0s						
Y57A	Sumter	54.60	350	P	P	13 52 50.0	+0.3
Y57A	Sumter	54.60	350	P	P	13 52 50.3	+0.6
Y57A	Sumter	54.60	350	Iamb	Iamb	13 52 53.3	
Y57A	comp-Z,113nm,0.9s						
Y57A	IAMS_20	54.60	350	IAMS_20	IAMS_20	14 19 17.4	
344A	comp-Z,4um,19.0s						
344A	Westbrook Farm	54.72	339	P	P	13 52 51.3	+0.8
344A	Westbrook Farm	54.72	339	Iamb	Iamb	13 52 54.2	
Y55A	comp-Z,93nm,0.9s						
Y55A	Saluda	54.77	349	P	P	13 52 51.9	+0.9
X60A	comp-Z,187,SNR=11						
X60A	Albert Glenn T	54.82	353	P	P	13 52 52.4	+1.1
X60A	Albert Glenn T	54.82	353	P	P	13 52 52.4	+1.1
Z51A	Franklin	54.87	345	P	P	13 52 51.3	-0.4
X59A	Murdiffe Farm,	54.89	352	P	P	13 52 52.1	+0.3
X58A	Rowland	54.97	351	P	P	13 52 52.9	+0.5

7d 13h

T52A	baz=173	Hallie	58.06 349	P	P	13 53 14.4	0.0
T52A	baz=167,SNR=7.3	Hallie	58.06 349	P	P	13 53 14.5	+0.1
T52A	comp=Z,263nm,1.9s			IAMB	IAMB	13 53 23.6	
U49A	comp=Z,3um,18.0s	Red Boiling Sp	58.07 346	P	P	13 53 14.3	-0.2
U49A	comp=Z,4um,18.0s			IAMS_20	IAMS_20	14 22 44.3	
S56A	baz=170,SNR=11	Natural Bridge	58.07 352	P	P	13 53 15.1	+0.6
SACV	comp=Z,94nm,0.9s	Santiago Islan	58.08 57	P	IAMB	13 53 14.1	-0.8
SACV	comp=Z,3um,20.0s	Santiago Islan	58.08 57	IAMS_20	IAMS_20	14 17 20.9	
S57A	baz=171,SNR=26	Dark Hollow, R	58.08 352	P	P	13 53 15.5	+1.1
S57A	comp=Z,139nm,1.0s	Dark Hollow, R	58.08 352	P	IAMB	13 53 15.2	+0.8
S57A	comp=Z,3um,19.0s			IAMS_20	IAMS_20	14 19 56.0	
R51A	baz=166,SNR=17	Gray	58.11 348	P	P	13 53 14.8	+0.1
R58B	baz=172,SNR=13	Mineral	58.15 353	P	P	13 53 16.1	+1.1
R58B	comp=Z,180nm,1.3s	Mineral	58.15 353	P	IAMB	13 53 15.7	+0.8
R58B	comp=Z,3um,18.0s			IAMS_20	IAMS_20	14 22 16.1	
X40A	baz=156,SNR=6.9	Basin Creek Fa	58.20 339	P	P	13 53 16.4	+1.0
X40A	comp=Z,84nm,1.0s	Basin Creek Fa	58.20 339	P	P	13 53 15.8	+0.4
WWT	comp=Z,2um,18.0s	Waverly	58.21 344	P	P	13 53 14.7	-0.7
WWT	comp=Z,84nm,1.0s	Waverly	58.21 344	P	MLR	13 53 14.5	-0.9
WWT	comp=Z,3um,18.0s			IAMB	IAMB	13 53 17.4	
UALR	comp=Z,84nm,0.9s	University of	58.29 339	P	IAMB	13 53 16.2	+0.1
UALR	comp=Z,2um,18.0s			IAMB	IAMB	13 53 19.2	
R61A	baz=175	Willards	58.30 356	P	P	13 53 17.0	+1.0
R61A	comp=Z,4um,19.0s	Willards	58.30 356	IAMS_20	IAMS_20	14 20 06.8	
S55A	baz=169,SNR=31	Leisburg	58.30 351	P	P	13 53 16.7	+0.6
R59A	baz=173,SNR=5.9	King George, V	58.31 354	P	P	13 53 17.0	+0.9
R60A	baz=174	Leonardtown, M	58.33 355	P	P	13 53 16.8	+0.6
CBN	comp=Z,149nm,1.2s	Corbin Frederi	58.34 354	P	IAMB	13 53 16.9	+0.7
CBN	comp=Z,4um,21.0s	Corbin Frederi	58.34 354	P	IAMB	13 53 16.9	+0.7
CBN	comp=Z,121nm,1.1s			IAMS_20	IAMS_20	14 21 47.3	
CBN	comp=Z,3um,18.0s			IAMS_20	IAMS_20	14 19 13.0	
T50A	baz=165,SNR=22	Nancy	58.35 347	P	P	13 53 16.2	-0.2
LPAR	comp=Z,126nm,0.9s	Lepanto	58.41 341	P	IAMB	13 53 17.3	+0.5
LPAR	comp=Z,154nm,1.3s			IAMB	IAMB	13 53 16.4	-0.4
HALT	comp=Z,154nm,1.3s	Halls	58.41 342	P	IAMB	13 53 17.4	+0.3
HALT	comp=Z,121nm,1.1s			IAMB	IAMB	13 53 17.5	+0.3
S54A	comp=Z,3um,18.0s	Dingess, Beckl	58.45 350	P	P	13 53 17.4	+0.3
S54A	comp=Z,121nm,1.1s	Dingess, Beckl	58.45 350	P	IAMB	13 53 17.5	+0.3
S54A	comp=Z,3um,18.0s			IAMS_20	IAMS_20	14 21 47.3	
H53A	baz=168,SNR=13	Williamson	58.47 350	P	P	13 53 17.2	-0.1
H53A	comp=Z,3um,18.0s	Harrisburg	58.47 341	IAMS_20	IAMS_20	14 23 14.6	
TXAR	comp=Z,2um,18.0s	Lajitas Array	58.47 326	P	P	13 53 18.2	+0.7
TXAR	comp=Z,1um,19.8s,slow=0.0,slow=34	Lajitas Array	58.47 326	P	LR	14 16 46.9	
TXAR	comp=Z,1.1nm,0.9s,slow=263,slow=1.0,SNR=4.3	Lajitas Ar, Si	58.48 326	P	P	13 53 18.1	+0.6
TX32	comp=Z,3um,19.0s	Lajitas Array	58.48 326	P	P	13 53 18.2	+0.6
R58A	baz=172,SNR=14	Rapidan	58.50 353	P	P	13 53 18.3	+0.9
MIAR	comp=Z,209nm,1.3s	Mount Ida	58.51 338	P	P	13 53 17.9	+0.4
MIAR	comp=Z,3um,19.0s	Mount Ida	58.51 338	P	IAMB	13 53 17.8	+0.4
MIAR	comp=Z,121nm,1.1s	Mount Ida	58.51 338	P	IAMB	13 53 17.9	+0.4
MIAR	comp=Z,209nm,1.3s			IAMS_20	IAMS_20	14 19 07.1	
R57A	baz=172,SNR=30	Stanardsville	58.55 353	P	P	13 53 19.1	+1.3
T49A	baz=164,SNR=68	Edmonton	58.58 346	P	P	13 53 17.8	-0.2
T49A	comp=Z,148nm,1.0s	Edmonton	58.58 346	P	IAMB	13 53 17.9	-0.1
T49A	comp=Z,3um,19.0s			IAMS_20	IAMS_20	14 22 39.8	
W41B	baz=156,SNR=20	Gary Mavity, V	58.62 340	P	P	13 53 18.4	+0.1
S52A	baz=167	Saltersville	58.63 349	P	P	13 53 18.3	-0.1
LNXT	baz=166,SNR=8.5	Lenox	58.64 342	P	P	13 53 18.8	+0.4
GNAR	comp=Z,3um,19.0s	Gosnell	58.66 342	P	P	13 53 18.6	+0.1
GNAR	comp=Z,3um,19.0s	Beattyville	58.69 348	P	P	13 53 18.8	0.0
S51A	comp=Z,3um,21.0s	Beattyville	58.69 348	P	IAMS_20	14 17 52.8	
GLAT	comp=Z,126nm,0.9s	Glass	58.74 343	P	P	13 53 19.8	+0.7
R55A	baz=170,SNR=11	Marlinton	58.74 351	P	P	13 53 20.5	+1.3
R55A	comp=Z,156nm,1.3s	Marlinton	58.74 351	P	IAMB	13 53 19.9	+0.7
R55A	comp=Z,4um,21.0s			IAMS_20	IAMS_20	14 19 07.1	
WHAR	comp=Z,100nm,1.0s	Wooly Hollow	58.74 340	P	IAMB	13 53 19.3	+0.1
WHAR	comp=Z,126nm,0.9s			IAMB	IAMB	13 53 22.2	
PEBM	baz=169,SNR=18	Pemisscott Bayo	58.75 342	P	P	13 53 19.4	+0.2
R54A	comp=Z,3um,19.0s	Victor	58.77 351	P	P	13 53 20.0	+0.7
Z35A	baz=168,SNR=9.0	Percharon, San	58.83 343	P	P	13 53 20.3	+0.5
T47A	comp=Z,156nm,1.1s	Sharon Grove	58.84 334	P	IAMB	13 53 19.6	-0.2
T47A	comp=Z,3um,18.0s			IAMS_20	IAMS_20	14 23 25.6	
Q61A	baz=175	Milford	58.84 356	P	P	13 53 20.1	+0.4
S50A	baz=165,SNR=17	Richmond	58.89 347	P	P	13 53 20.3	+0.1
H59A	baz=174	Harwood	58.93 355	P	P	13 53 20.6	+0.3
Q60A	comp=Z,3um,19.0s	Hickman	58.97 343	P	P	13 53 20.6	-0.1
Q60A	comp=Z,3um,19.0s	Greensboro	59.00 355	P	P	13 53 21.3	+0.5
Q60A	comp=Z,4um,19.0s	Greensboro	59.00 355	P	IAMS_20	14 20 02.4	
PENMO	baz=168,SNR=9.0	Penman	59.00 342	P	P	13 53 21.4	+0.4
R53A	comp=Z,81nm,1.1s	Hurricane	59.07 350	P	IAMB	13 53 21.7	+0.3
R53A	comp=Z,3um,18.0s	Hurricane	59.07 350	P	IAMB	13 53 21.3	-0.1
LCAR	comp=Z,3um,18.0s	Lake Charles	59.10 341	P	IAMS_20	13 53 21.4	-0.2
LCAR	comp=Z,3um,18.0s	Fox Den Farm	59.10 354	P	P	14 23 43.2	

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W39A	Magazine	59.17 338	P	P	13 53 23.2	+1.1	
W39A	Magazine	59.17 338	P	IAMB	13 53 21.8	-0.3	
W39A	comp=Z,126nm,1.0s			IAMB	IAMB	13 53 26.1	
S49A	Springfield	59.18 347	P	P	13 53 21.7	-0.4	
R52A	Catlettsburg	59.20 349	P	P	13 53 22.6	+0.4	
X37A	Clayton	59.20 337	P	P	13 53 23.1	+0.7	
HENM	Henderson Moun	59.20 343	P	P	13 53 23.6	+1.2	
HENM	comp=Z,110nm,1.0s			IAMB	IAMB	13 53 26.0	
PARMO	Parma	59.24 342	P	P	13 53 22.9	+0.4	
ABTX	Abilene Hawle	59.24 332	P	P	13 53 23.0	+0.2	
ABTX	Abilene, Hawle	59.24 332	P	IAMB	13 53 23.1	+0.4	
ABTX	comp=Z,110nm,1.0s			IAMB	IAMB	13 53 26.3	
FCAR	Ozark Folk Cen	59.24 340	P	P	13 53 22.5	-0.1	
FCAR	comp=Z,3um,19.0s			IAMS_20	IAMS_20	14 23 49.7	
T45A	Paducah	59.26 343	P	P	13 53 22.6	-0.1	
Q57A	Strasburg	59.27 353	P	P	13 53 24.3	+1.5	
R51A	Hillsboro	59.33 348	P	P	13 53 23.1	-0.1	
Q56A	Snyder Ridge, S	59.37 352	P	P	13 53 24.4	+0.9	
Q56A	Snyder Ridge, S	59.37 352	P	P	13 53 24.3	+0.9	
Q56A	Buckhannon	59.44 352	P	P	13 53 25.1	+1.1	
R50A	Paris	59.46 348	P	P	13 53 24.1	0.0	
R50A	Paris	59.46 348	P	P	13 53 23.9	-0.1	
R50A	Paris	59.46 348	P	IAMS_20	IAMS_20	14 21 26.0	
SDMD	Soldier's Dell	59.48 355	P	P	13 53 24.1	-0.1	
Q53A	Leroy	59.52 350	P	P	13 53 24.7	+0.2	
Q54A	Coxs Mills	59.53 351	P	P	13 53 24.8	+0.3	
Q54A	Coxs Mills	59.53 351	P	P	13 53 24.3	-0.3	
Q54A	Coxs Mills	59.53 351	P	IAMS_20	IAMS_20	14 21 14.1	
PBMO	Poplar Bluff	59.54 342	P	P	13 53 24.4	-0.2	
PBMO	comp=Z,77nm,0.9s			IAMB	IAMB	13 53 27.2	
P61A	Hammtont	59.60 356	P	P	13 53 26.2	+1.2	
P58A	Pank, Wackersv	59.60 354	P	P	13 53 26.0	+0.9	
R49A	Shelbyville	59.64 347	P	P	13 53 25.0	-0.3	
R49A	Shelbyville	59.64 347	P	P	13 53 24.8	-0.6	
R49A	Shelbyville	59.64 347	P	IAMS_20	IAMS_20	14 19 51.9	
P59A	Jarrettsville	59.65 355	P	P	13 53 26.4	+1.0	
P57A	Homestead Farm	59.67 354	P	P	13 53 26.9	+1.4	
P57A	Homestead Farm	59.67 354	P	P	13 53 26.7	+1.2	
P57A	Homestead Farm	59.67 354	P	IAMB	IAMB	13 53 29.9	
P57A	comp=Z,104nm,1.1s			IAMS_20	IAMS_20	14 19 41.4	
Q52A	Bidwell	59.74 350	P	P	13 53 26.0	0.0	
P56A	Dayton Farm, R	59.78 353	P	P	13 53 27.5	+1.2	
P60A	Greenville	59.79 356	P	P	13 53 26.8	+0.5	
P60A	Greenville	59.79 356	P	P	13 53 26.6	+0.3	
P60A	Greenville	59.79 356	P	IAMB	IAMB	13 53 45.4	
P60A	comp=Z,83nm,1.1s			IAMS_20	IAMS_20	14 21 03.3	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.1	-0.5	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.3	-0.3	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.1	-0.5	
WCI	Wyandotte Cave	59.83 346	P	IAMB	IAMB	13 53 29.0	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.3	-0.3	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.1	-0.5	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.3	-0.3	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.1	-0.5	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.3	-0.3	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.1	-0.5	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.3	-0.3	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.1	-0.5	
WCI	Wyandotte Cave	59.83 346	P	P	13 53 26.3	-0.3	
WCI	Wy						

N54A	Moraine State	61.36 352	P	P	13 53 36.9	-0.2
N54A	comp=Z,4jm,18.0s		IAMS_20	IAMS_20	14 23 04.0	
P46A	Rosedale	61.36 346	P	I	13 53 36.3	-0.7
P46A	comp=Z,83nm,0.9s		IAMS_20	IAMS_20	14 24 20.4	
M65A	Busby, Falmout	61.37 0	P	P	13 53 37.4	+0.4
M65A	comp=Z,3jm,18.0s		IAMS_20	IAMS_20	14 21 48.0	
M58A	Price's Panora	61.40 355	P	P	13 53 38.2	+0.9
M58A	comp=Z,3jm,19.0s		IAMS_20	IAMS_20	14 21 48.0	
M57A	Sunshine Farm	61.42 355	P	P	13 53 38.7	+1.2
M57A	comp=Z,3jm,18.0s		IAMS_20	IAMS_20	14 21 48.0	
M57A	Sunshine Farm	61.42 355	P	I	13 53 38.1	+0.7
M57A	comp=Z,113nm,1.2s		IAMS_20	IAMS_20	14 22 08.6	
N52A	McGinn's Farm	61.45 341	P	P	13 53 37.5	-0.2
N52A	comp=Z,3jm,18.0s		IAMS_20	IAMS_20	14 21 48.0	
R40A	Middle's Statio	61.49 351	P	P	13 53 37.6	-0.3
M59A	Waymart	61.50 356	P	P	13 53 38.6	+0.7
O48A	Farnland	61.53 348	P	P	13 53 37.9	-0.9
O48A	comp=Z,163nm,26		IAMS_20	IAMS_20	14 21 48.0	
KSPA	Keystone Colle	61.53 356	P	I	13 53 38.6	+0.4
KSPA	comp=Z,95nm,1.2s		IAMS_20	IAMS_20	14 22 25.5	
KSCOT	Kent School, K	61.58 358	P	I	13 53 37.7	+0.2
KSCOT	comp=Z,105nm,1.4s		IAMS_20	IAMS_20	14 22 25.5	
N50A	Nevada	61.65 349	P	P	13 53 38.6	-0.4
N50A	comp=Z,4jm,20.0s		IAMS_20	IAMS_20	14 22 23.5	
N51A	Ashland	61.67 350	P	P	13 53 39.0	-0.1
N51A	comp=Z,4jm,20.0s		IAMS_20	IAMS_20	14 22 23.5	
N51A	Ashland	61.67 350	P	P	13 53 39.0	-0.1
N51A	comp=Z,4jm,20.0s		IAMS_20	IAMS_20	14 22 23.5	
M56A	Emporium	61.67 354	P	P	13 53 39.7	+0.6
M56A	comp=Z,4jm,20.0s		IAMS_20	IAMS_20	14 21 34.1	
M56A	Emporium	61.67 354	P	P	13 53 39.4	+0.3
M56A	comp=Z,4jm,20.0s		IAMS_20	IAMS_20	14 21 34.1	
L63A	North Scituate	61.67 359	P	P	13 53 39.7	+0.6
L63A	comp=Z,4jm,20.0s		IAMS_20	IAMS_20	14 21 34.1	
T35A	Sooner Cattle	61.69 337	P	P	13 53 39.7	+0.4
M55A	Ridgway	61.72 353	P	P	13 53 40.2	+0.8
M55A	comp=Z,4jm,20.0s		IAMS_20	IAMS_20	14 21 34.1	
M55A	Ridgway	61.72 353	P	P	13 53 39.8	+0.4
M55A	comp=Z,4jm,20.0s		IAMS_20	IAMS_20	14 20 54.3	
BRYW	Bryant College	61.73 359	P	P	13 53 40.1	+0.6
BRYW	comp=Z,4jm,22.0s		IAMS_20	IAMS_20	14 20 13.5	
L64A	Middleborough	61.74 0	P	P	13 53 40.4	+0.9
L64A	comp=Z,2jm,19.0s		IAMS_20	IAMS_20	14 20 13.5	
MSTX	Muleshoe	61.80 330	P	P	13 53 40.3	+0.1
MSTX	comp=Z,2jm,19.0s		IAMS_20	IAMS_20	14 20 13.5	
MSTX	Muleshoe	61.80 330	P	P	13 53 40.7	+0.4
MSTX	comp=Z,2jm,19.0s		IAMS_20	IAMS_20	14 20 13.5	
L65A	Cape Cod Natio	61.84 1	P	P	13 53 40.4	+0.2
L65A	comp=Z,181		IAMS_20	IAMS_20	14 22 09.3	
M54A	Oil Creek Stat	61.86 352	P	P	13 53 41.0	+0.6
M54A	comp=Z,3jm,20.0s		IAMS_20	IAMS_20	14 22 09.3	
M54A	Oil Creek Stat	61.86 352	P	P	13 53 40.7	+0.3
M54A	comp=Z,3jm,20.0s		IAMS_20	IAMS_20	14 22 09.3	
L62A	Suffield	61.86 358	P	P	13 53 40.9	+0.5
L62A	comp=Z,3jm,20.0s		IAMS_20	IAMS_20	14 22 09.3	
L60A	Shokan	61.88 357	P	P	13 53 41.5	+1.0
L60A	comp=Z,178		IAMS_20	IAMS_20	14 20 13.5	
SRIG	Santa Rosalia	61.90 318	P	I	13 53 41.6	+0.7
SRIG	comp=Z,187nm,1.5s		IAMS_20	IAMS_20	14 20 13.5	
M53A	Wil Miller and	61.92 352	P	P	13 53 41.2	+0.4
M53A	comp=Z,178		IAMS_20	IAMS_20	14 20 13.5	
VN43	Neumayer Olymp	61.96 161	P	P	13 53 41.7	+0.9
P43A	Skaggs, Pawnee	61.96 344	P	P	13 53 40.6	-0.5
P43A	comp=Z,3jm,18.0s		IAMS_20	IAMS_20	14 25 17.2	
N49A	Columb Grove	61.98 349	P	P	13 53 41.1	-0.2
N49A	comp=Z,3jm,18.0s		IAMS_20	IAMS_20	14 25 17.2	
N49A	Columb Grove	61.98 349	P	P	13 53 40.9	-0.3
N49A	comp=Z,3jm,18.0s		IAMS_20	IAMS_20	14 21 51.9	
L58A	Harry Jones Me	62.02 356	P	P	13 53 42.5	+1.0
L58A	comp=Z,3jm,20.0s		IAMS_20	IAMS_20	14 21 51.9	
M51A	Elyria	62.04 350	P	P	13 53 41.6	0.0
M51A	comp=Z,3jm,20.0s		IAMS_20	IAMS_20	14 21 51.9	
L61A	Hillsdale 1, H	62.05 358	P	P	13 53 42.8	+1.1
L61A	comp=Z,168		IAMS_20	IAMS_20	14 21 51.9	
AMTX	Amarillo	62.05 332	P	P	13 53 42.0	0.0
AMTX	comp=Z,147		IAMS_20	IAMS_20	14 21 51.9	
L57A	Amarillo	62.05 332	P	P	13 53 42.2	+0.2
L57A	comp=Z,147		IAMS_20	IAMS_20	14 21 51.9	
ALLY	Alegheny Colle	62.06 352	P	P	13 53 42.1	+0.4
ALLY	comp=Z,174		IAMS_20	IAMS_20	14 21 51.9	
SPIN	Lafayette	62.06 346	P	P	13 53 40.8	-0.9
SPIN	comp=Z,163		IAMS_20	IAMS_20	14 21 51.9	
SPIN	Lafayette	62.06 346	P	I	13 53 40.5	-1.3
SPIN	comp=Z,84nm,0.9s		IAMS_20	IAMS_20	14 24 39.0	
N48A	Decatur	62.09 348	P	P	13 53 41.2	-0.7
N48A	comp=Z,3jm,18.0s		IAMS_20	IAMS_20	14 24 39.0	
QUA2	Belchertown	62.10 359	P	I	13 53 42.4	+0.5
QUA2	comp=Z,162nm,1.6s		IAMS_20	IAMS_20	14 24 39.0	
QUA2	Belchertown	62.10 359	P	I	13 53 42.4	+0.5
QUA2	comp=Z,162nm,1.6s		IAMS_20	IAMS_20	14 22 01.4	
M52A	Chesterland	62.12 351	P	P	13 53 41.9	-0.3
M52A	comp=Z,3jm,19.0s		IAMS_20	IAMS_20	14 21 25.4	
M52A	Chesterland	62.12 351	P	P	13 53 42.3	+0.2
M52A	comp=Z,3jm,19.0s		IAMS_20	IAMS_20	14 21 25.4	
M52A	Chesterland	62.12 351	P	P	13 53 43.3	+1.2
M52A	comp=Z,3jm,22.0s		IAMS_20	IAMS_20	14 23 01.4	
L59A	Walton	62.12 356	P	P	13 53 42.8	+0.6
L59A	comp=Z,176		IAMS_20	IAMS_20	14 22 12.6	
L59A	Walton	62.12 356	P	P	13 53 42.1	-0.4
L59A	comp=Z,176		IAMS_20	IAMS_20	14 22 12.6	
BCX	Boston College	62.14 360	P	P	13 53 42.1	-0.4
BCX	comp=Z,3jm,20.0s		IAMS_20	IAMS_20	14 25 32.9	
O44A	Manfield	62.17 345	P	I	13 53 40.5	-1.3
O44A	comp=Z,143nm,1.4s		IAMS_20	IAMS_20	14 25 32.9	
O44A	Manfield	62.17 345	P	I	13 53 42.4	-0.2
O44A	comp=Z,143nm,1.4s		IAMS_20	IAMS_20	14 25 32.9	
U32A	Winter Ranch,	62.18 335	P	P	13 53 43.2	+0.5
U32A	comp=Z,4jm,18.0s		IAMS_20	IAMS_20	14 23 01.4	
VN41	Neumayer-St	62.18 160	P	P	13 53 43.8	+1.6
BINY	Binghamton	62.19 356	P	P	13 53 43.8	+1.2
BINY	comp=Z,90nm,0.8s		IAMS_20	IAMS_20	14 24 08.0	
BINY	Binghamton	62.19 356	P	P	13 53 42.5	-0.2
BINY	comp=Z,4jm,18.0s		IAMS_20	IAMS_20	14 24 08.0	
WES	Weston	62.19 360	P	P	13 53 42.4	-0.2
WES	comp=Z,92nm,1.2s		IAMS_20	IAMS_20	14 24 08.0	
WES	Weston	62.19 360	P	P	13 53 42.4	-0.2
WES	comp=Z,92nm,1.2s		IAMS_20	IAMS_20	14 22 15.8	
WES	Weston	62.19 360	P	I	13 53 42.4	-0.2
WES	comp=Z,92nm,1.2s		IAMS_20	IAMS_20	14 22 15.8	
N47A	Urbana	62.24 347	P	P	13 53 42.5	-0.5
N47A	comp=Z,3jm,20.0s		IAMS_20	IAMS_20	14 22 15.8	
N47A	Urbana	62.24 347	P	P	13 53 42.1	-0.9
N47A	comp=Z,3jm,18.0s		IAMS_20	IAMS_20	14 25 08.6	
M50A	Fremont	62.25 350	P	P	13 53 42.8	-0.2
M50A	comp=Z,3jm,18.0s		IAMS_20	IAMS_20	14 25 08.6	
M50A	Fremont	62.25 350	P	P	13 53 42.8	-0.2
M50A	comp=Z,3jm,18.0s		IAMS_20	IAMS_20	14 22 31.9	
M50A	Fremont	62.25 350	P	P	13 53 43.6	+0.5
M50A	comp=Z,62nm,0.8s		IAMS_20	IAMS_20	14 22 31.9	
M50A	Fremont	62.25 350	P	P	13 53 43.6	+0.5
M50A	comp=Z,62nm,0.8s		IAMS_20	IAMS_20	14 22 31.9	
L56A	Greenwood	62.25 354	P	P	13 53 43.6	+0.5
L56A	comp=Z,3jm,22.0s		IAMS_20	IAMS_20	14 22 31.9	
L56A	Greenwood	62.25 354	P	P	13 53 43.6	+0.5
L56A	comp=Z,3jm,22.0s		IAMS_20	IAMS_20	14 22 31.9	

L56A	comp=Z,121nm,1.0s		IAMS_20	IAMS_20	14 22 44.6	
L61B	Northampton	62.28 358	P	P	13 53 43.6	+0.4
L61B	comp=Z,173		IAMS_20	IAMS_20	14 22 44.6	
HRV	Adam Dzewiosk	62.32 359	P	P	13 53 43.6	+0.2
HRV	comp=Z,346nm,1.7s		IAMS_20	IAMS_20	14 22 44.6	
HRV	Adam Dzewiosk	62.32 359	P	P	13 53 43.8	+0.4
HRV	comp=Z,2jm,19.0s		IAMS_20	IAMS_20	14 22 44.6	
HRV	Adam Dzewiosk	62.32 359	P	P	13 53 43.6	+0.2
HRV	comp=Z,2jm,19.0s		IAMS_20	IAMS_20	14 22 21.1	
HRV	Adam Dzewiosk	62.32 359	P	P	13 53 44.2	+0.5
HRV	comp=Z,2jm,19.0s		IAMS_20	IAMS_20	14 22 21.1	
HSIG	Girard	62.32 352	P	P	13 53 44.1	+0.3
HSIG	comp=Z,121nm,1.4s		IAMS_20	IAMS_20	14 22 21.1	
L53A	Hinsdale	62.39 354	P	P	13 53 44.5	+0.5
L53A	comp=Z,170,SNR=37		IAMS_20	IAMS_20	14 22 21.1	
L55A	Hinsdale	62.39 354	P	P	13 53 44.5	+0.5
L55A	comp=Z,170,SNR=37		IAMS_20	IAMS_20	14 22 21.1	
M49A	Liberty Center	62.48 349	P	P	13 53 44.5	0.0
M49A	comp=Z,166,SNR=24		IAMS_20	IAMS_20	14 22 21.1	
K62A	Royalston	62.48 359	P	P	13 53 44.9	+0.3
K62A	comp=Z,178,SNR=10		IAMS_20	IAMS_20	14 22 21.1	
K62A	Royalston	62.48 359	P	P	13 53 44.8	+0.3
K62A	comp=Z,178,SNR=10		IAMS_20	IAMS_20	14 22 21.1	
K60A	Five Rivers En	62.49 357	P	P	13 53 46.0	+1.5
K60A	comp=Z,3jm,19.0s		IAMS_20	IAMS_20	14 22 21.1	
K63A	Dunstable	62.50 359	P	P	13 53 45.4	+0.8
K63A	comp=Z,177		IAMS_20	IAMS_20	14 22 21.1	
ERPA	Erie	62.50 352	P	P	13 53 45.0	+0.4
ERPA	comp=Z,170,SNR=8		IAMS_20	IAMS_20	14 22 21.1	
ERPA	Erie	62.50 352	P	P	13 53 44.8	+0.1
ERPA	comp=Z,170,SNR=8		IAMS_20	IAMS_20	14 22 21.1	
K61A	Williamstown	62.52 358	P	P	13 53 45.5	+0.7
K61A	comp=Z,3jm,19.0s		IAMS_20	IAMS_20	14 22 21.1	
L54A	Sinclairville	62.53 353	P	P	13 53 45.9	+1.0
L54A	comp=Z,171,SNR=56		IAMS_20	IAMS_20	14 22 21.1	
VN2A	Neumayer-Watz	62.55 161	P	P	13 53 45.7	+1.0
VN2A	comp=Z,279,slow=6		IAMS_20	IAMS_20	14 22 21.1	
P40A	Paris	62.56 342	P	I	13 53 45.0	-0.2
P40A	comp=Z,149nm,1.1s		IAMS_20	IAMS_20	14 22 21.1	
TRY	Troy	62.59 358	P	P	13 53 46.0	+1.8
TRY	comp=Z,4jm,20.0s		IAMS_20	IAMS_20	14 22 24.5	
WVNY	West Valley, N	62.62 354	P	P	13 53 45.9	+0.4
WVNY	comp=Z,4jm,20.0s					

7d 13h

DELO	comp=Z,86nm,1.2s	IAMB	IAMB	13 54 08.3	
TUC	comp=Z,237nm,2.0s	P	P	13 53 59.6 +0.4	
TUC	comp=Z,237nm,2.0s	P	P	13 54 00.3 +1.2	
TUC	comp=Z,237nm,2.0s	P	P	13 53 59.6 +0.4	
TUC	comp=Z,237nm,2.0s	P	P	13 54 10.4	
H66A	Whiting	64.67	3	P	13 53 59.3 +0.3
L40A	Anamosa	64.68	343	P	13 53 59.1 +0.1
I49A	Point Hope	64.69	350	P	13 53 59.1 +0.1
I49A	Point Hope	64.69	350	P	13 53 58.7 -0.4
FRNY	Flat Rock	64.69	358	P	13 53 59.7 +0.7
FRNY	comp=Z,112nm,1.1s	IAMB	IAMB	13 54 02.9	
FRNY	comp=Z,4um,20.0s	IAMB	IAMB	14 23 43.0	
H53A	Bobcaygeon	64.77	354	P	13 53 59.8 +0.2
HAL	Halifax	64.78	6	P	13 54 00.0 +0.3
HAL	comp=Z,101nm,1.2s	MLR	MLR		
HAL	Halifax	64.78	6	P	13 53 60.0 +0.3
HAL	comp=Z,100nm,1.2s	IAMB	IAMB	14 24 02.5	
J45A	Montague	64.84	348	P	13 53 59.9 -0.1
J45A	Montague	64.84	348	P	13 53 59.8 -0.3
J45A	comp=Z,140nm,1.3s	IAMB	IAMB	14 25 06.4	
N35A	Tabor	64.90	339	P	13 54 00.8 +0.2
G60A	Masonville	64.92	359	P	13 54 01.8 +1.2
G63A	Kingsbury	64.93	1	P	13 54 01.4 +0.7
H52A	Wyevale	64.98	353	P	13 54 01.2 +0.3
SAD0	Sadova	65.02	353	P	13 54 01.4 +0.2
SAD0	Sadova	65.02	353	P	13 54 00.8 -0.4
G57A	Newington	65.02	357	P	13 54 01.9 +0.8
G58A	Ornstown	65.02	357	P	13 54 02.7 +1.5
G62A	West of Eustis	65.03	0	P	13 54 02.4 +1.1
G62A	West of Eustis	65.03	0	P	13 54 01.4 +0.1
GGN	Saint George	65.03	3	P	13 54 01.8 +0.5
GGN	comp=Z,224nm,1.8s	IAMB	IAMB	13 54 11.6	
I47A	Gladwin	65.04	349	P	13 54 01.3 -0.1
I47A	Gladwin	65.04	349	P	13 54 01.0 -0.4
I47A	comp=Z,82nm,0.9s	IAMB	IAMB	13 54 03.6	
I47A	comp=Z,4um,19.0s	IAMB	IAMB	14 24 50.9	
I48A	Sherman Twp	65.07	350	P	13 54 01.2 -0.3
G65A	Princeton	65.08	3	P	13 54 02.5 +0.9
G65A	Princeton	65.08	3	P	13 54 01.8 +0.3
PKME	Peaks-Kenny Pk	65.09	1	P	13 54 02.6 +0.9
PKME	Peaks-Kenny Pk	65.09	1	P	13 54 02.5 +0.9
G64A	Maxfield	65.09	2	P	13 54 02.3 +0.6
G61A	St-Isidore-de-	65.09	359	P	13 54 03.1 +1.4
PLV0	Plevna	65.09	355	P	13 54 02.2 +0.5
PLV0	comp=Z,103nm,1.3s	IAMB	IAMB	13 54 11.6	
SCIA	State Center	65.10	342	P	13 54 01.6 -0.2
SCIA	State Center	65.10	342	P	13 54 02.0 +0.3
I46A	Reed City	65.14	348	P	13 54 01.4 -0.6
T25A	Trinidad	65.16	331	P	13 54 03.4 +0.8
JFWS	Jewell Farm	65.22	344	P	13 54 02.6 0.0
JFWS	comp=Z,373nm,1.8s	MLR	MLR		
JFWS	Jewell Farm	65.22	344	P	13 54 02.6 0.0
JFWS	Jewell Farm	65.22	344	P	13 54 02.6 0.0
G55A	Calabogie	65.28	355	P	13 54 03.3 +0.4
G53A	Haliburton	65.31	354	P	13 54 03.9 +0.8
I45A	Fountain	65.38	348	P	13 54 03.5 -0.1
I45A	Fountain	65.38	348	P	14 25 20.8
N33A	J Bar K, Exete	65.41	338	P	13 54 04.5 +0.6
H48A	Harrisville	65.51	350	P	13 54 04.2 -0.1
H48A	Harrisville	65.51	350	P	13 54 04.0 -0.3
H48A	comp=Z,81nm,0.9s	IAMB	IAMB	14 25 32.7	
F63A	Nahmakanta, Br	65.53	1	P	13 54 05.2 +0.7
F63A	Nahmakanta, Br	65.53	1	P	13 54 05.6 +1.0
G54A	Lake Saint Pet	65.54	354	P	13 54 04.8 +0.2
214A	Organ Pipe Nat	65.55	321	P	13 54 05.8 +0.7
214A	Organ Pipe Nat	65.55	321	P	13 54 05.4 +0.4
H47A	Mio	65.55	350	P	13 54 04.4 -0.3
K38A	Parkersburg	65.65	342	P	13 54 05.5 +0.1
K38A	comp=Z,3um,18.0s	IAMB	IAMB	14 27 44.8	
H46A	Fife Lake	65.67	349	P	13 54 05.1 -0.4
F59A	Saint Guillaume	65.68	359	P	13 54 06.8 +1.4
F64A	Sherman	65.71	2	P	13 54 06.4 +0.7
F64A	Sherman	65.71	2	P	13 54 06.4 +0.7
F64A	comp=Z,124nm,1.4s	IAMB	IAMB	14 22 20.9	
F64A	comp=Z,4um,20.0s	IAMB	IAMB	14 22 20.9	
F57A	Harrington	65.71	357	P	13 54 06.3 +0.6
F58A	St-Lin Laurent	65.73	358	P	13 54 07.0 +1.2
G67A	Guysborough	65.77	7	P	13 54 06.5 +0.5
GBN	comp=Z,126nm,1.5s	IAMB	IAMB	14 22 57.4	
GBN	comp=Z,3um,20.0s	IAMB	IAMB	14 22 57.4	
F61A	St Evariste	65.78	360	P	13 54 06.8 +0.7
F60A	Warwick	65.78	359	P	13 54 07.0 +0.8
I42A	Draeger Farm,	65.82	346	P	13 54 06.6 +0.2

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I42A	comp=Z,114nm,1.2s	IAMB	IAMB	13 54 25.7	
I42A	comp=Z,2um,20.0s	IAMB	IAMB	14 24 48.3	
F55A	Other Lake	65.83	356	P	13 54 07.4 +1.0
GLMI	Grayling	65.84	349	P	13 54 06.7 +0.3
GLMI	Grayling	65.84	349	P	13 54 07.2 +0.6
X18A	Snowflake	65.85	325	P	13 54 08.6 +1.5
X18A	comp=Z,123nm,1.3s	IAMB	IAMB	13 54 18.6	
X18A	comp=Z,2um,18.0s	IAMB	IAMB	14 22 27.8	
LMN	Caledonia Moun	65.89	5	P	13 54 07.3 +0.4
LMN	comp=Z,66nm,1.1s	IAMB	IAMB	13 54 21.9	
LMN	comp=Z,3um,19.0s	IAMB	IAMB	14 23 54.6	
H45A	Beulah	65.91	348	P	13 54 07.1 +0.1
KSCO	Keye Shedlock'	65.92	333	P	13 54 07.9 +0.5
KSCO	Keye Shedlock'	65.92	333	P	13 54 08.2 +0.8
F52A	Sundridge	66.05	354	P	13 54 08.4 +0.5
G47A	Hillman	66.05	350	P	13 54 08.1 +0.2
ALGO	Algonquin Park	66.08	355	P	13 54 08.3 +0.2
TRQ	Mont Tremblant	66.11	357	P	13 54 08.9 +0.5
H43A	Windswept, Lux	66.11	347	P	13 54 08.2 -0.1
H43A	comp=Z,78nm,0.9s	IAMB	IAMB	13 54 10.9	
H43A	comp=Z,3um,18.0s	IAMB	IAMB	14 23 56.2	
L34A	Svendsen Farm,	66.14	339	P	13 54 08.6 +0.1
SDCO	Great Sand Dun	66.15	330	P	13 54 10.0 +0.9
SDCO	Great Sand Dun	66.15	330	P	13 54 09.6 +0.5
E60A	Ste Amande	66.18	360	P	13 54 08.9 +0.2
W18A	Petrified Fore	66.19	326	P	13 54 10.1 +0.8
W18A	Petrified Fore	66.19	326	P	13 54 10.6 +1.3
E58A	La Victoria	66.22	358	P	13 54 09.4 +0.5
I40A	Norwalk	66.23	345	P	13 54 09.8 -0.2
I40A	comp=Z,217nm,1.8s	IAMB	IAMB	13 54 28.4	
E61A	Lac Etchemin	66.24	0	P	13 54 10.4 +1.3
G45A	Suttons Bay	66.24	349	P	13 54 08.3 -0.8
G45A	Suttons Bay	66.24	349	P	13 54 08.7 -0.4
G45A	comp=Z,50nm,0.8s	IAMB	IAMB	13 54 43.7	
G45A	comp=Z,3um,20.0s	IAMB	IAMB	14 25 19.5	
BGNE	Belgrade	66.25	338	P	13 54 09.9 +0.6
BGNE	Belgrade	66.25	338	P	13 54 09.2 -0.1
F51A	Arnstein	66.25	353	P	13 54 09.8 -0.2
E63A	Oxbow	66.27	2	P	13 54 09.3 +0.1
E63A	Oxbow	66.27	2	P	13 54 09.6 +0.4
E64A	Bridgewater	66.28	2	P	13 54 09.5 +0.2
E57A	Chemin Saint G	66.29	358	P	13 54 10.3 +0.9
E59A	St. Maurice	66.30	359	P	13 54 10.5 +1.0
F49A	Sandfield	66.35	351	P	13 54 09.2 -0.6
G46A	Petoskey	66.36	349	P	13 54 09.6 -0.3
E55A	Monter-Lytto	66.43	356	P	13 54 10.6 +0.4
E56A	St. Veronique	66.46	357	P	13 54 11.1 +0.6
E52A	Matave	66.47	354	P	13 54 10.5 0.0
E53A	Dumoine, Ponti	66.47	355	P	13 54 10.5 -0.1
E54A	La Duplat, Po	66.49	355	P	13 54 10.8 +0.1
F48A	Evansville	66.50	351	P	13 54 10.5 -0.2
PQI	Presque Isle	66.53	2	P	13 54 11.8 +0.9
PQI	comp=Z,4um,22.0s	IAMB	IAMB	14 22 11.6	
X16A	Lo Mia Camp, P	66.58	324	P	13 54 13.2 +1.4
X16A	comp=Z,174nm,1.4s	IAMB	IAMB	13 54 23.4	
X16A	comp=Z,2um,18.0s	IAMB	IAMB	14 22 07.4	
I13A	Mohawk Valley,	66.70	321	P	13 54 13.4 +1.1
I13A	comp=Z,93nm,1.2s	IAMB	IAMB	13 54 23.7	
D60A	Saint Jean D	66.72	360	P	13 54 13.6 +1.5
S22A	4UR Ranch, Cre	66.78	330	P	13 54 13.5 +0.4
E51A	G19 Merrick	66.80	354	P	13 54 13.1 +0.5
D59A	Saint-Raymond	66.82	359	P	13 54 13.9 +1.1
F45A	CMU Biological	66.83	349	P	13 54 12.6 -0.3
D57A	Chemin Vers le	66.88	358	P	13 54 13.8 +0.6
D63A	Stockholm	66.89	2	P	13 54 14.1 +0.9
D62A	Allapoint, All	66.91	1	P	13 54 14.1 +0.8
D62A	Allapoint, All	66.91	1	P	13 54 14.2 +0.8
D58A	Chemin du LacG	66.93	358	P	13 54 14.5 +1.0
D56A	ZEC Maitance, M	66.95	357	P	13 54 14.6 +1.0
D55A	Sainte-Anne-du	66.96	357	P	13 54 14.1 +0.5
D61A	St Aubert, Com	67.01	0	P	13 54 15.1 +1.1
E48A	Lookeyer	67.08	352	P	13 54 14.8 +0.4
I37A	Lemond, Waseca	67.09	343	P	13 54 14.9 +0.4
D54A	Lac Fusel, La	67.16	356	P	13 54 14.9 0.0
MVCO	Mesa Verde	67.17	328	P	13 54 16.0 +0.5
MVCO	Mesa Verde	67.17	328	P	13 54 16.6 +1.1
D53A	Lac Vacive, Po	67.17	355	P	13 54 15.5 +0.5
D53A	Lac Vacive, Po	67.17	355	P	13 54 15.2 +0.2
E47A	Iron Bridge	67.21	351	P	13 54 15.4 +0.2
LATQ	La Tuque	67.21	359	P	13 54 15.9 +0.6
LATQ	La Tuque	67.21	359	P	13 54 15.8 +0.6
BATG	Bathurst New B	67.22	4	P	13 54 15.9 +0.6
BATG	comp=Z,95nm,1.2s	IAMB	IAMB	13 54 30.9	
E46A	Sault Ste Mari	67.29	350	P	13 54 15.4 -0.4
E46A	comp=Z,4um,22.0s	IAMB	IAMB	14 24 26.2	
OGNE	Ogallala	67.31	335	P	13 54 17.9 +1.7
OGNE	Ogallala	67.31	335	P	13 54 16.6 +0.5
D51A	Range I	67.34	354	P	13 54 16.3 +0.3
WUAZ	Wupatki	67.36	325	P	13 54 18.5 +1.7
WUAZ	Wupatki	67.36	325	P	13 54 18.4 +1.7
F42A	Maple Grove Fa	67.42	347	P	13 54 16.2 -0.5
F42A	comp=Z,129nm,1.6s	IAMB	IAMB	13 54 52.6	
F42A	comp=Z,2um,21.0s	IAMB	IAMB	14 25 21.8	

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G40A	Rib Lake	67.42	34
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PFO		I Amb	I Amb	13 54 38.1
N23A	comp=Z,140nm,1.4s Red Feather La baz=145,SNR=33	68.91 332	P	13 54 27.7 +1.3
E38A	The Farm, Brul	69.00 345	P	13 54 26.6 +0.1
E38A	comp=Z,88nm,1.4s		I Amb	13 54 35.6
E38A	comp=Z,2um,21.0s		I AMs_20	14 25 21.6
PHWY	Pilot Hill	69.03 333	P	13 54 28.1 +0.8
PHWY	comp=Z,184nm,1.5s		I Amb	13 54 37.9
SUSD	Miller	69.20 339	P	13 54 28.3 +0.4
SUSD	baz=152		P	
SUSD	Miller	69.20 339	P	13 54 28.4 +0.6
SUSD	comp=Z,125nm,1.0s		I Amb	13 54 37.3
GMRC	Granite Mounta baz=135,SNR=44	69.24 322	P	13 54 30.5 +2.0
KNB	Kanab	69.26 325	P	13 54 30.8 +2.2
KNB	comp=Z,429nm,1.4s		P	
KNB	Kanab	69.26 325	P	13 54 30.8 +2.2
PKCU	Pink Cliffs	69.30 326	P	13 54 31.5 +2.5
MURC	Murieta	69.33 320	P	13 54 31.0 +2.1
O20A	White River Ci baz=142,SNR=24	69.34 330	P	13 54 30.4 +1.4
O20A	White River Ci	69.34 330	P	13 54 30.7 +1.7
O20A	comp=Z,176nm,1.5s		I Amb	13 54 40.2
LCMT	Little Creek M	69.49 325	P	13 54 30.4 +0.4
F33A	5 Mile Ranch	69.58 341	P	13 54 30.5 +0.2
BBRC	Big Bear Solar baz=134	69.62 320	P	13 54 33.3 +2.4
SRU	San Rafael Swe	69.64 328	P	13 54 31.4 +0.5
SRU	comp=Z,86nm,1.0s		P	
SRU	San Rafael Swe	69.64 328	P	13 54 31.4 +0.5
HEC	Hector,Ludlow baz=134,SNR=17	69.66 321	P	13 54 33.3 +2.3
MTPU	Mount Pierson	69.68 326	P	13 54 32.5 +1.1
SC12	San Clemente I	69.74 318	P	13 54 33.2 +1.8
LIC	Lamto	69.77 75	eP	13 54 29.5 -2.5
Q16A	Castle Valley	69.82 327	P	13 54 33.1 +1.1
SC1U	Shurtz Canyon	69.83 325	P	13 54 33.5 +1.4
MATQ	Matagami	69.83 355	P	13 54 31.9 +0.4
HWUT	Turquoise Moun baz=173,SNR=20	69.85 322	P	13 54 34.2 +1.9
CIS	Catalina Islan baz=132,SNR=10	69.94 319	P	13 54 34.4 +1.7
CCUT	Cedar City	69.94 325	P	13 54 35.1 +2.2
TIC	Toumodi	69.95 75	eP	13 54 30.7 -2.4
P17A	Gutcher Ranch, MSU	70.03 328	P	13 54 34.1 +0.9
MSU	Marysvalle	70.03 327	P	13 54 35.1 +1.7
MSU	Marysvalle	70.03 327	P	13 54 35.1 +1.7
BFSC	Mount Baldy Ra baz=133,SNR=29	70.05 320	P	13 54 35.4 +1.9
QSPA	South Pine Qui	70.06 180	P	13 54 35.4 +1.9
FMP	Fort Macarthur baz=133	70.07 319	P	13 54 35.4 +1.9
DRLN	Deer Lake	70.08 9	P	13 54 33.4 +0.2
DRLN	comp=Z,146nm,1.2s		I Amb	13 54 48.0
DRLN	comp=Z,146nm,1.2s		I AMs_20	14 24 50.6
KIC	Kosan Boka	70.08 75	eP	13 54 32.8 -1.2
RRX	Edison Barstow baz=134	70.09 321	P	13 54 35.8 +2.3
DBIC	Dimbokro	70.11 75	P	13 54 33.0 -1.1
DBIC	comp=Z,49nm,0.9s,baz=219,slow=6.5,SNR=32		LR	14 24 09.5
DBIC	comp=Z,4um,19.5s,baz=232,slow=35		LR	14 24 09.5
DBIC	Dimbokro	70.11 75	P	13 54 33.0 -1.1
RWWY	Rawlins	70.11 332	P	13 54 34.6 +0.8
TMUT	Trail Mountain	70.13 328	P	13 54 35.3 +1.2
SHPR	Sheep Range	70.17 323	P	13 54 35.7 +1.5
SHPR	comp=Z,205nm,1.6s		I Amb	13 54 45.2
TCRU	Three Creeks R	70.24 326	P	13 54 36.7 +2.0
EYMN	Ely	70.24 345	P	13 54 34.1 -0.1
EYMN	baz=159,SNR=16		P	
EYMN	Ely	70.24 345	P	13 54 34.2 0.0
EYMN	comp=Z,2um,21.0s		I AMs_20	14 27 21.4
GSC	Goldstone, Bar	70.27 321	P	13 54 36.7 +2.0
GSC	comp=Z,231nm,1.6s		P	
GSC	Goldstone, Bar	70.27 321	P	13 54 36.9 +2.2
GSC	baz=134,SNR=38		P	
GSC	Goldstone, Bar	70.27 321	P	13 54 36.7 +2.0
GSC	comp=Z,231nm,1.6s		I Amb	13 54 46.5
MWC	Mount Wilson	70.28 320	P	13 54 36.3 +1.4
MWC	comp=Z,293nm,1.5s		P	
MWC	Mount Wilson	70.28 320	P	13 54 36.3 +1.4
RDMU	Red Mountain	70.31 330	P	13 54 36.2 +1.1
PASC	Pasadena Art C	70.32 320	P	13 54 36.6 +1.6
SHCC	Shoshone, Teço baz=135,SNR=17	70.36 322	P	13 54 37.1 +1.8
DECC	Green Verdugo	70.48 320	P	13 54 38.0 +2.2
SNCC	San Nicolas Is baz=133	70.53 318	P	13 54 38.4 +2.2
SNCC	San Nicolas Is	70.53 318	P	13 54 36.3 0.0
SNCC	comp=Z,205nm,1.6s		I Amb	13 54 47.5
K22A	Casper	70.59 333	P	13 54 37.9 +1.3
K22A	baz=145,SNR=17		P	
K22A	Casper	70.59 333	P	13 54 37.3 +0.6
K22A	comp=Z,170nm,1.6s		I Amb	13 54 47.4
EDW2	Edwards Air Fo baz=133,SNR=29	70.69 320	P	13 54 38.9 +1.6
RSSD	Black Hills	70.78 335	P	13 54 38.6 +0.8
RSSD	comp=Z,133nm,1.5s		P	
RSSD	Black Hills	70.78 335	P	13 54 39.0 +1.1
RSSD	baz=147		P	
RSSD	Black Hills	70.78 335	P	13 54 38.6 +0.8
RSSD	comp=Z,2um,18.0s		I Amb	13 54 47.6
BLG	Laguna Peak, P baz=132	70.81 319	P	13 54 39.6 +1.6
MPU	Maple Canyon	70.89 328	P	13 54 39.8 +1.2
LRMC	Laurel Mtn Rad baz=134,SNR=26	70.91 321	P	13 54 40.6 +1.9
PSUT	Pine Spruce	70.93 326	P	13 54 40.8 +1.9
OSI	Osito Audit: C baz=133	70.94 320	P	13 54 40.5 +1.6
OSI	Osito Audit: C	70.94 320	P	13 54 40.4 +1.6
OSI	comp=Z,122nm,1.1s		I Amb	13 54 50.1
D32A	Dogwood Acres,	70.98 341	P	13 54 39.1 +0.5
D32A	comp=Z,126nm,1.1s		I Amb	13 54 48.0
D32A	comp=Z,126nm,1.1s		I AMs_20	14 30 47.9
NLU	North Lily Min	71.06 328	P	13 54 41.2 +1.5
SC22	Santa Cruz Isl	71.09 319	P	13 54 41.5 +1.8
TPNV	Topopah Spring baz=132,SNR=7	71.10 323	P	13 54 42.1 +2.2
TPNV	comp=Z,116nm,1.1s		P	
TPNV	comp=Z,116nm,1.1s		MLR	MLR
TPNV	comp=Z,1um,19.0s		P	
TPNV	Topopah Spring baz=135,SNR=58	71.10 323	P	13 54 42.2 +2.3
TPNV	Topopah Spring	71.10 323	P	13 54 42.0 +2.2
TPNV	comp=Z,116nm,1.1s		I Amb	13 54 45.5
FURC	Furnace Creek, baz=134,SNR=37	71.11 322	P	13 54 42.0 +2.3
MPMC	Manual Prospec baz=134,SNR=39	71.19 322	P	13 54 42.2 +1.7
JLU	Jordanelle	71.24 328	P	13 54 42.3 +1.6
ARVC	Arvin	71.36 320	P	13 54 42.9 +1.6
SBC	Santa Barbara baz=132	71.44 319	P	13 54 42.3 +0.6

CTU	Camp Tracy	71.46 328	P	13 54 44.1 +2.2
ISA	Isabella, Lake	71.50 321	P	13 54 44.1 +1.9
ISA	comp=Z,141nm,1.1s		P	
ISA	Isabella, Lake	71.50 321	P	13 54 44.1 +1.9
ISA	baz=133,SNR=58		I Amb	13 54 53.9
ISA	Isabella, Lake	71.50 321	P	13 54 44.1 +1.9
DUG	Dugway, Tooele	71.62 327	P	13 54 44.6 +1.7
DUG	comp=Z,258nm,1.4s		P	
DUG	Dugway, Tooele	71.62 327	P	13 54 44.8 +1.9
DUG	baz=139,SNR=60		P	
DUG	Dugway, Tooele	71.62 327	P	13 54 44.6 +1.7
TCUT	Toone Canyon	71.62 329	P	13 54 44.3 +1.3
E28A	Huff	71.66 339	P	13 54 44.5 +1.7
E28A	comp=Z,2um,19.0s		I AMs_20	14 30 43.6
AGMN	Agassiz Nation baz=155,SNR=23	71.70 343	P	13 54 43.9 +0.9
AGMN	Agassiz Nation	71.70 343	P	13 54 43.4 +0.4
AGMN	comp=Z,3um,19.0s		I AMs_20	14 30 40.5
R11A	Troy Canyon, C	71.73 324	P	13 54 45.9 +2.3
R11A	baz=136,SNR=51		P	
R11A	Troy Canyon, C	71.73 324	P	13 54 45.5 +1.9
R11A	comp=Z,269nm,1.7s		I Amb	13 54 55.7
GRAC	Grapevine Rang baz=134,SNR=5.9	71.77 322	P	13 54 45.9 +2.2
PRK	McInterson Peak baz=132,SNR=46	71.79 319	P	13 54 46.2 +2.0
CWC	Cottonwood Cre baz=134	71.80 321	P	13 54 46.2 +2.1
VES	Vestall Richr baz=133,SNR=12	71.99 320	P	13 54 47.0 +1.9
BW06	Boulder Array baz=142,SNR=15	72.03 331	P	13 54 46.0 +0.6
BW06	Boulder Array	72.03 331	P	13 54 45.6 +0.2
PDAR	Pinedale Array	72.03 331	P	13 54 45.6 +0.2
PDAR	Pinedale Array	72.03 331	P	13 54 46.3 +0.9
PDAR	comp=Z,7.8nm,0.9s,baz=147,slow=6.5,SNR=46		P	14 22 38.8 +9.2
PDAR	comp=Z,0.8nm,1.0s,baz=343,slow=0.9,SNR=4.3		LR	14 27 52.2
PDAR	comp=Z,1um,21.9s,baz=134,slow=37		P	
PDAR	Pinedale Array	72.03 331	P	13 54 45.6 +0.2
HWUT	Hardware Ranch	72.07 329	P	13 54 45.6 0.0
HWUT	comp=Z,101nm,1.1s		I Amb	13 54 49.8
SMCC	Simmler	72.19 319	P	13 54 48.6 +2.3
TBI	Tubuai	72.22 251	eS	14 04 06.5 -3.4
TBI	comp=Z,1um,25.8s		eLQ	14 14 01.7
TBI	comp=Z,1um,32.8s		eLR	14 17 05.6
SPUT	South Promont	72.27 328	P	13 54 47.9 +1.1
BGU	Big Grassy Mou	72.27 328	P	13 54 47.4 +0.6
TIN	Tinemaha, Big	72.32 322	P	13 54 49.4 +2.4
MEH	Meheta	72.40 257	eT	15 15 50.4
MDND	Maddock	72.41 340	P	13 54 48.0 +0.7
MDND	comp=Z,3nm,0.2s		P	
MDND	Maddock	72.41 340	P	13 54 48.7 +0.7
VOG	Valley Oaks Go baz=132	72.49 321	P	13 54 49.1 +1.1
PAGB	Antelope Grade	72.62 320	P	13 54 50.8 +1.9
AHID	Auburn Hatcher	72.74 330	P	13 54 50.5 +0.9
AHID	comp=Z,220nm,1.4s		I Amb	13 55 00.2
HVU	Hansel Valley	72.79 328	P	13 54 50.8 +0.9
HVU	comp=Z,98nm,1.1s		P	
HVU	Hansel Valley	72.79 328	P	13 54 50.8 +0.9
MLUC	Mammoth, Mammo baz=133,SNR=20	72.79 328	P	13 54 53.9 +2.2
MLUC	comp=Z,166nm,1.4s		P	
REDW	Red Top Meadow	73.08 331	P	13 54 52.1 +0.4
REDW	comp=Z,166nm,1.4s		I Amb	13 55 02.5
SNOW	Snow King Moun	73.11 331	P	13 54 53.0 +1.1
SNOW	comp=Z,166nm,1.4s		I Amb	13 55 02.0
OMMB	Old Mammoth Mi	73.14 322	P	13 54 53.8 +1.5
OMMB	comp=Z,160nm,1.1s		I Amb	13 55 03.7
MDPB	Devils Postpil	73.20 322	P	13 54 54.2 +1.7
MDPB	comp=Z,101nm,1.2s		I Amb	13 55 03.9
NV11	Mina Array Sit	73.22 323	P	13 54 54.2 +1.7
TPAW	Teton Pass	73.23 331	P	13 54 53.3 +1.2
TPAW	comp=Z,226nm,1.6s		I Amb	13 55 03.6
ELK	Elko	73.27 326	P	13 54 54.2 +1.3
ELK	comp=Z,97nm,1.4s		P	
ELK	Elko	73.27 326	P	13 54 54.1 +1.3
ELK	comp=Z,2um,18.0s		I AMs_20	14 27 53.2
ELK	Elko	73.27 326	P	13 54 54.1 +1.3
ELK	comp=Z,2um,18.0s		P	
MPMB	Monarch Peak	73.28 320	P	13 54 54.4 +1.6
NVAR	Mina Array Bea	73.30 323	P	13 54 55.1 +2.0
NVAR	comp=Z,34nm,0.9s,baz=147,slow=5.0,SNR=80		P	
NVAR	Mina Array Bea	73.30 323	P	13 54 54.6 +1.6
FWXY	Fox Creek	73.38 331	P	13 54 54.5 +1.1

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J04D	Umputa Nationa buz=132,SNR=11	78.68	324	P	P	13 55 25.5 +1.8
HUMO	Hull Mountain	78.73	324	P	P	13 55 24.2 +0.5
L02E	Cave Junction buz=130,SNR=8.7	78.80	323	P	P	13 55 26.3 +2.2
WALA	Waterton Lakes	78.81	333	P	Iamb	13 55 25.1 +1.0
WALA	comp=Z,183nm,1.3s					13 55 34.1
E09A	Wood Farm, Sta	78.88	329	P	P	13 55 25.3 +0.9
I05D	Terrebonne, OR buz=132,SNR=8	79.00	326	P	P	13 55 27.5 +2.3
FFC	Flin Flon	79.16	342	P	P	13 55 25.6 -0.2
FFC	comp=Z,113nm,1.6s					
FFC	comp=Z,2um,21.0s			MLR	MLR	
FFC	Flin Flon	79.16	342	P	P	13 55 25.6 -0.2
FFC	comp=Z,2um,21.0s			IAMS_20	IAMS_20	14 32 53.0
K02D	Williamette Mer buz=130,SNR=15	79.19	323	P	P	13 55 28.4 +2.1
I04A	Tendick Farm, buz=132,SNR=12	79.21	325	P	P	13 55 27.6 +1.2
G06A	Carlsbad Farm, buz=132,SNR=12	79.24	327	P	P	13 55 28.2 +1.8
E08A	Dider Farm, EI	79.31	328	P	P	13 55 27.5 +0.7
E08A	IAMS_20			IAMS_20		14 31 27.5
F07A	Phinny Hill Vj	79.33	328	P	P	13 55 27.7 +0.9
F07A	comp=Z,164nm,1.4s			Iamb	Iamb	13 55 38.0
F07A	comp=Z,2um,19.0s			IAMS_20	IAMS_20	14 30 48.7
HAWA	Hanford	79.48	328	P	P	13 55 28.9 +1.3
HAWA	comp=Z,186nm,1.4s			Iamb	Iamb	13 55 38.3
G05D	Wamic, OR buz=133,SNR=21	79.60	326	P	P	13 55 30.6 +2.2
J01E	Myrtle Point buz=130	79.64	324	P	P	13 55 30.5 +1.9
D08A	Wollman Farm,	79.64	329	P	P	13 55 29.4 +0.8
D08A	comp=Z,2um,22.0s			Iamb	Iamb	13 55 39.0
NEW	Newport	79.66	331	P	P	13 55 29.1 +0.4
NEW	comp=Z,106nm,1.6s			pmax	pmax	
NEW	Newport	79.66	331	P	P	13 55 29.6 +0.9
NEW	buz=136,SNR=11					
I03D	Drain, OR	79.66	324	P	P	13 55 29.1 +0.4
I03D	comp=Z,2um,19.0s					13 55 30.6 +1.9
H04A	Detroit Lake	79.68	326	P	P	13 55 29.8 +0.9
OZUM	OZU	79.74	52	P	P	13 55 33.0 +3.3
OZUM	SNR=11					
OZUM	comp=Z,2um,21.0s					13 55 33.0 +3.3
E07A	Sunnyside	79.76	328	P	P	13 55 29.7 +0.5
E07A	comp=Z,161nm,1.4s			Iamb	Iamb	13 55 39.9
E07A	IAMS_20			IAMS_20		14 32 22.8
C09A	Christman Ranch	79.86	330	P	P	13 55 30.6 +0.9
C09A	comp=Z,2um,18.0s			Iamb	Iamb	13 55 40.9
H04D	Lebanon buz=131	79.87	325	P	P	13 55 30.8 +1.0
F05D	White Salmon buz=133	80.11	327	P	P	13 55 33.2 +2.1
ZGR	Zagora SNR=5.5	80.19	53	P	P	13 55 39.0 +6.9
ZGR	SNR=5.5					13 55 39.0 +6.9
I02D	Swisshome buz=130	80.20	324	P	P	13 55 33.5 +1.9
COR	Corvallis	80.22	325	P	P	13 55 33.2 +1.5
COR	comp=Z,233nm,1.4s			pmax	pmax	
COR	Corvallis	80.22	325	P	P	13 55 33.2 +1.5
COR	comp=Z,233nm,1.4s			Iamb	Iamb	13 55 42.5
G03D	Nichlinville, O buz=131	80.61	325	P	P	13 55 35.7 +1.9
F04A	Amboy	80.64	326	P	P	13 55 35.0 +1.1
F04A	comp=Z,2um,18.0s			Iamb	Iamb	13 55 44.7
LTY	Liberty	80.64	328	P	P	13 55 35.2 +1.1
LTY	comp=Z,156nm,1.1s			Iamb	Iamb	13 55 45.0
B08A	Colville Reser	80.76	330	P	P	13 55 35.2 +0.6
B08A	comp=Z,274nm,1.9s			Iamb	Iamb	13 55 45.1
SUR	Sutherland	80.84	121	P	P	13 55 37.3 +1.5
SUR	comp=Z,2um,19.0s					13 55 37.3 +1.5
SUR	Sutherland	80.84	121	P	P	13 55 36.5 +0.7
SUR	comp=Z,2um,18.0s			IAMS_20	IAMS_20	14 32 58.3
LOX	Longmire	80.87	327	P	P	13 55 35.9 +0.6
LOX	comp=Z,105nm,1.5s			pmax	pmax	
LOX	Longmire	80.87	327	P	P	13 55 35.9 +0.6
LOX	comp=Z,2um,20.0s			IAMS_20	IAMS_20	14 32 28.3
F04D	Rainier, OR buz=131	81.04	326	P	P	13 55 37.9 +1.8
E04D	Cinebar buz=132,SNR=8.7	81.13	327	P	P	13 55 37.8 +1.2
C06D	Leavenworth buz=133	81.21	329	P	P	13 55 37.7 +0.7
F03A	Seaside	81.23	326	P	P	13 55 38.9 +1.7
F03A	comp=Z,138nm,1.2s			Iamb	Iamb	13 56 11.0
D05A	Enunclaw	81.26	327	P	P	13 55 37.7 +0.5
D05A	comp=Z,179nm,1.1s			Iamb	Iamb	13 55 47.8
PFV1	Vila Bisbo	81.56	46	eP	P	13 55 39.3 +0.2
PFV1	comp=Z,114nm,1.6s					
PFV1	Vila Bisbo	81.56	46	eP	P	13 55 39.3 +0.2
PFV1	comp=Z,2um,19.0s			IAMS_20	IAMS_20	14 30 15.9
E03A	Lebam	81.64	326	P	P	13 55 40.5 +1.3
E03A	comp=Z,237nm,1.4s			Iamb	Iamb	13 55 49.6
E03A	comp=Z,2um,20.0s			IAMS_20	IAMS_20	14 32 36.6
D04E	Lakeby buz=132	81.65	327	P	P	13 55 40.6 +1.4
MORF	Marmelete	81.77	45	eP	P	13 55 40.8 +0.5
MORF	comp=Z,2um,25.0s			eS	AMS	14 05 55.2 +1.8
MORF	Marmelete	81.77	45	eP	P	13 55 40.7 +0.5
MORF	comp=Z,2um,25.0s			eS	AMS	14 05 55.2 +1.8
MORF	Marmelete	81.77	45	eP	P	13 55 42.4 +2.1
MORF	comp=Z,2um,25.0s			eS	AMS	14 05 55.2 +1.8
MORF	Marmelete	81.77	45	eP	P	13 55 42.4 +2.1
MORF	comp=Z,2um,25.0s			eS	AMS	14 05 55.2 +1.8
PTOE	Sao Teotonio comp=N,131nm,1.4s	81.86	45	eP	P	13 55 43.6 +3.0
ARF	Arif SNR=5.9	81.89	52	P	P	13 55 48.0 +6.9
ARF	SNR=5.9					13 55 48.0 +6.9
B06A	Marblemount	81.91	329	P	P	13 55 41.1 +0.6
B06A	comp=Z,204nm,1.5s			Iamb	Iamb	13 55 50.0
RAR	Rarotonga comp=Z,2um,18.7s,baz=95,slow=LR	81.98	250	LR	LR	14 23 48.7
B03D	Bryant buz=132,SNR=12	82.03	328	P	P	13 55 42.0 +0.8
D03D	Eldon buz=132,SNR=13	82.04	327	P	P	13 55 41.9 +0.5
CZD	Col de Zad SNR=16	82.07	51	P	P	13 55 45.0 +2.7
TSUM	Tsumeb	82.18	108	P	P	13 55 43.0 0.0
TSUM	comp=Z,2um,18.0s			IAMS_20	IAMS_20	14 31 26.5
LIS	Lisbon	82.21	44	eP	P	13 55 43.0 +0.6
LIS	comp=Z,3um,19.9s			AMS	AMS	14 30 31.1
LIS	Lisbon	82.21	44	eP	P	13 55 43.0 +0.6
LIS	comp=Z,3um,19.9s			eS	AMS	14 30 31.1
PBDV	Barranco-do-Ve comp=Z,67nm,2.1s	82.22	46	eP	P	13 55 44.4 +1.8
PNLC	Nicolau / Gran comp=Z,55nm,1.5s	82.29	45	eP	P	13 55 45.5 +2.6
NLWA	Neilton Lookou	82.35	327	P	P	13 55 44.1 +1.1
NLWA	comp=Z,158nm,1.4s			Iamb	Iamb	13 55 53.5
NLWA	comp=Z,2um,20.0s			IAMS_20	IAMS_20	14 32 44.4
MESJ	Messejana	82.35	45	eP	P	13 55 43.8 +0.6

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MESJ	Messejana	82.35	45	eP	P	13 55 43.8 +0.6
MESJ	comp=N,2um,19.5s			eS	AMS	14 06 01.1 +1.9
MESJ	Messejana	82.35	45	eP	P	13 55 43.8 +0.6
MESJ	comp=N,2um,19.5s			eS	AMS	14 06 01.1 +1.9
MESJ	Messejana	82.35	45	eP	P	13 55 45.7 +2.5
MESJ	comp=N,68nm,1.8s					
PCVE	Castro Verde	82.36	45	eP	P	13 55 45.3 +2.0
PCVE	comp=N,68nm,2.0s					
PVAQ	Vaqueiros	82.45	46	eP	P	13 55 45.4 +1.6
PVAQ	comp=N,45nm,1.8s					
PVAQ	Vaqueiros	82.45	46	eP	P	13 55 44.4 +0.7
PVAQ	comp=Z,3um,22.0s			IAMS_20	IAMS_20	14 27 22.5
A04D	Lumina Island buz=132	82.64	328	P	P	13 55 45.4 +1.0
PBEJ	Beja	82.69	45	eP	P	13 55 45.8 +0.8
PBEJ	comp=Z,61nm,1.6s					
PGC	Sidney	82.96	328	P	P	13 55 47.1 +1.0
PGC	comp=Z,120nm,1.4s					
PGTQ	Montargil	83.01	44	eP	P	13 55 48.2 +1.6
PGTQ	comp=Z,178nm,1.8s					
IVI	Iviguit	83.08	11	P	P	13 55 47.2 +0.8
IVI	comp=Z,68nm,1.0s			Iamb	Iamb	13 56 00.7
IVI	comp=Z,68nm,1.0s			IAMS_20	IAMS_20	14 34 13.3
PTOM	Tomar	83.19	44	eP	P	13 55 49.5 +2.0
PTOM	comp=Z,80nm,1.7s					
PCAS	Casimio, Conde	83.37	43	eP	P	13 55 48.7 +0.2
PCAS	comp=Z,89nm,2.0s					
LLLB	Lillooet	83.52	330	P	P	13 55 49.3 +0.3
PMRV	Marv??	83.75	44	eP	P	13 55 51.4 +0.9
PMRV	comp=Z,55nm,1.6s					
PCBR	Castelo Branco	83.91	44	eP	P	13 55 53.0 +1.8
PCBR	comp=Z,86nm,1.8s					
PVIS	Viseu	84.11	43	eP	P	13 55 54.5 +2.2
PVIS	comp=Z,124nm,1.7s					
MTE	Manteigas	84.17	43	eP	P	13 55 54.6 +2.0
MTE	comp=Z,120nm,1.4s					
MTE	Manteigas	84.17	43	eP	P	13 55 51.9 -0.7
MTE	comp=Z,68nm,1.1s			Iamb	Iamb	13 55 56.5
PVRL	Vila Real	84.53	42	eP	P	13 55 56.5 +2.1
PVRL	comp=Z,176nm,1.7s					
PGAV	Gavieira, Arco	84.56	42	eP	P	13 55 56.1 +1.5
PGAV	comp=Z,130nm,1.7s					
PCAB	Cabril	84.57	42	eP	P	13 55 56.5 +1.9
PCAB	comp=Z,194nm,1.6s					
GOG	SNR=13	84.62	50	P	P	13 55 58.0 +2.9
GOG	SNR=13					
TAF	Tafaral	84.85	50	P	P	13 55 60.0 +3.8
TAF	SNR=7.8					
TAF	SNR=7.8					13 55 60.0 +3.8
MVO	Moncorvo	84.91	43	eP	P	13 55 56.9 +0.5
MVO	comp=Z,137nm,1.6s					
PBRG	Braganca	85.43	42	eP	P	13 56 01.0 +2.1
PBRG	comp=Z,150nm,1.5s					
BOSA	Bosa	85.69	119	P	P	13 56 00.3 -0.5
BOSA	comp=Z,23nm,1.1s,baz=250,slow=3.9,SNR=23			LR	LR	14 32 44.4
BOSA	Bosa	85.69	119	P	P	13 55 59.9 -0.9
BOSA						

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like P5GCX Pisagua, PATCX Punta Patache, PB11 IPOC Station P, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like Y60A Bolivia, Y58A Scranton, Y55A Saluda, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like U40A Yellville, U40A Yellville, P55A Reedsville, etc.

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K58A	comp=Z,22nm,0.9s	I	Amb	I	Amb	13 58 19.8
K57A	Scipio Center baz=174	62.74 355	P	P		13 57 59.1 +0.2
HDIL	Hopetoe baz=160	62.75 344	P	P		13 57 59.3 +0.3
K56A	Middlesex baz=173	62.78 355	P	P		13 57 59.5 +0.3
K54A	Basillko Farm, baz=172	62.82 353	P	P		13 57 59.6 +0.2
K55A	Perry baz=172	62.88 354	P	P		13 58 00.2 +0.4
J62A	Henniker baz=179	63.03 359	P	P		13 58 01.6 +0.9
319A	Douglas	63.10 323	P	P		13 58 02.0 +0.4
319A			I	Amb	I	13 59 29.8
J61A	Chester baz=178	63.16 359	P	P		13 58 02.5 +1.0
121A	Cookes Peak, D baz=141	63.16 325	P	P		13 58 01.6 -0.5
J56A	Wolcott baz=174	63.31 355	P	P		13 58 02.9 +0.3
J56A	Wolcott	63.31 355	P	P		13 58 01.9 -0.7
J56A			I	Amb	I	13 58 10.8
J59A	Plesco comp=Z,16nm,0.8s	63.35 357	P	P		13 58 03.8 +0.9
J59A	Plesco	63.35 357	P	P		13 58 02.8 -0.1
J57A	Williamstown baz=175	63.38 356	P	P		13 58 03.6 +0.5
J57A	Williamstown	63.38 356	P	P		13 58 03.1 0.0
J57A			I	Amb	I	13 58 10.0
J55A	Hilton baz=173	63.39 354	P	P		13 58 04.1 +1.0
I58A	Old Forge baz=176	63.60 357	P	P		13 58 05.5 +1.0
I59A	Oldsteadville baz=177	63.65 358	P	P		13 58 05.6 +0.7
J52A	Paris baz=170,SNR=6.6	63.66 352	P	P		13 58 05.2 +0.3
I60A	Shoreham baz=177	63.68 358	P	P		13 58 05.7 +0.7
I61A	Oroboro, Fairl baz=178	63.74 359	P	P		13 58 06.4 +1.0
K48A	Perry baz=166	63.78 349	P	P		13 58 06.2 +0.4
I63A	Otisfield baz=180	63.84 0	P	P		13 58 07.1 +1.0
LBNH	Lisbon baz=180	64.04 359	P	P		13 58 05.6 -1.8
N38A	Joes South For baz=181	64.07 341	P	P		13 58 06.9 -0.8
SNA	Sanae baz=181	64.18 161	P	P		13 58 08.7 +0.5
SNA	Sanae comp=Z,19nm,0.9s,baz=274,slow=6.9,SNR=2.8	64.18 161	P	P		13 58 08.4 +0.2
SNA			I	Amb	I	13 58 08.2 +0.1
SNA			I	Amb	I	13 58 09.2
L42A	Oliver, Polo baz=182	64.21 345	P	P		13 58 08.2 -0.4
I51A	Listowel baz=189	64.28 352	P	P		13 58 09.8 +0.8
H58A	Gabriels baz=176	64.28 357	P	P		13 58 09.6 +0.6
I55A	Frankford baz=173	64.32 355	P	P		13 58 09.9 +0.7
H61A	Lyndonville baz=179	64.33 359	P	P		13 58 10.4 +1.0
H62A	Milan baz=180	64.37 360	P	P		13 58 10.2 +0.7
H60A	Morristown baz=178	64.38 359	P	P		13 58 10.6 +0.9
H57A	Richville baz=175	64.39 356	P	P		13 58 10.6 +0.6
H63A	New Sharon baz=181	64.46 1	P	P		13 58 11.3 +1.2
H59A	Cadyville baz=177	64.49 358	P	P		13 58 11.5 +1.2
H65A	Eastbrook baz=183	64.53 2	P	P		13 58 11.7 +1.1
CBKs	Cedar Bluff baz=150	64.57 335	P	P		13 58 11.9 +0.8
H56A	Elgin baz=174	64.58 356	P	P		13 58 11.7 +0.8
H55A	Tweed baz=173	64.61 355	P	P		13 58 12.2 +1.1
H66A	Whiting baz=184	64.66 3	P	P		13 58 12.5 +1.1
I49A	Point Hope baz=184	64.67 350	P	P		13 58 10.1 -1.5
I49A			I	Amb	I	13 58 19.4
FRNY	Flat Rock comp=Z,24nm,0.8s	64.68 358	P	P		13 58 11.0 -0.5
FRNY			I	Amb	I	13 58 21.4
H53A	Bobcaygeon baz=172	64.75 354	P	P		13 58 12.8 +0.8
N35A	Tabor comp=Z,22nm,0.7s	64.89 339	P	P		13 58 12.8 -0.3
N35A			I	Amb	I	13 58 28.7
G60A	Masonville baz=178	64.91 359	P	P		13 58 13.8 +0.8
G63A	Kingsbury baz=181	64.92 1	P	P		13 58 14.4 +1.3
G57A	Newington baz=176	65.01 357	P	P		13 58 14.4 +0.7
SAD0	Sadowa baz=180	65.01 353	P	P		13 58 12.2 -1.5
G62A	West of Eustis baz=180	65.01 0	P	P		13 58 14.8 +1.1
G62A	West of Eustis	65.01 0	P	P		13 58 14.1 +0.3
G62A			I	Amb	I	13 58 41.5
G64A	Princeton comp=Z,42nm,1.2s	65.06 3	P	P		13 58 15.4 +1.4
G65A	Maxfield baz=183	65.07 2	P	P		13 58 14.9 +0.8
PKME	Peaks-Kenny Pk baz=182	65.07 1	P	P		13 58 15.2 +1.1
G61A	St-Isidore-de- baz=179	65.08 359	P	P		13 58 15.4 +1.2
G55A	Calabogie baz=174	65.27 355	P	P		13 58 16.0 +0.6
G53A	Haliburton baz=172	65.30 354	P	P		13 58 16.5 +0.9
G54A	Lake Saint Pet baz=172	65.53 354	P	P		13 58 17.7 +0.6
F64A	Sherman baz=182	65.69 2	P	P		13 58 19.2 +1.1
I42A	Draeger Farm, baz=182	65.81 346	P	P		13 58 18.8 -0.1
I42A			I	Amb	I	13 58 27.5
F52A	Sundridge baz=171	66.04 354	P	P		13 58 20.7 +0.3
G47A	Hillman baz=167	66.04 350	P	P		13 58 21.0 +0.6
ALGO	Algonquin Park baz=173	66.07 354	P	P		13 58 21.4 +0.6
TRQ	Mont Tremblant baz=173	66.10 357	P	P		13 58 20.2 -0.7
L34A	Svendsen Farm, baz=172	66.13 339	P	P		13 58 20.3 -0.7
SDCO	Great Sand Dun baz=144	66.15 330	P	P		13 58 22.4 +0.8
SDCO	Great Sand Dun	66.15 330	P	P		13 58 21.0 -0.6
SDCO			I	Amb	I	13 58 31.8
E60A	Ste Agathe de baz=177	66.16 360	P	P		13 58 22.1 +1.0
E61A	Lac Etchemin baz=180	66.22 0	P	P		13 58 22.6 +1.0
G45A	Suttons Bay baz=182	66.23 349	P	P		13 58 20.7 -0.9
BGNE	Belgrade baz=182	66.24 338	P	P		13 58 22.2 +0.4
BGNE	Belgrade	66.24 338	P	P		13 58 22.0 +0.2
E63A	Oxbow baz=182	66.25 2	P	P		13 58 22.2 +0.5
E63A			I	Amb	I	13 58 32.3
E57A	Chemin Saint G baz=177	66.27 357	P	P		13 58 22.7 +0.8
E56A	St. Veronique baz=176	66.45 357	P	P		13 58 24.0 +1.0
E54A	Lac Daplat, Po baz=174	66.48 355	P	P		13 58 24.4 +1.2
E51A	G1948 Merrick baz=171	66.79 354	P	P		13 58 26.0 +0.9
D62A	Allapoint, All baz=182	66.89 1	P	P		13 58 27.0 +1.2
D62A	Allapoint, All	66.89 1	P	P		13 58 26.7 +0.9
D58A	Chemin du LacG baz=178	66.91 358	P	P		13 58 26.6 +0.7
D56A	ZEO Mazanza, M	66.94 357	P	P		13 58 27.0 +0.9

D55A	Sainte-Anne-du baz=175	66.94 357	P	P		13 58 27.4 +1.2
I37A	Lemond, Waseca baz=173	67.08 343	P	P		13 58 27.0 -0.1
D53A	Lac Vase, Po baz=173	67.16 355	P	P		13 58 28.5 +1.0
D53A	Lac Vase, Po	67.16 355	P	P		13 58 27.9 +0.4
MVCO	Mesa Verde baz=182	67.16 328	P	P		13 58 28.2 +0.2
E47A	Iron Bridge baz=167	67.20 351	P	P		13 58 28.2 +0.5
D50A	G1974 Best Tow baz=177	67.45 353	P	P		13 58 30.0 +0.6
ECSO	EROS Data Cent baz=154	67.79 340	P	P		13 58 32.5 +0.9
ECSO	EROS Data Cent	67.79 340	P	P		13 58 30.9 -0.7
ECSO			I	Amb	I	13 58 40.5
PV15	Paradox Valley comp=Z,36nm,1.1s	68.04 329	P	P		13 58 33.1 -0.5
BC3	Big Chuckawall baz=135	68.32 321	P	P		13 58 35.8 +0.5
MONPZ	Monument Peak baz=134	68.37 320	P	P		13 58 35.7 0.0
IRM	Iron Mountain baz=135	68.49 321	P	P		13 58 37.0 +0.8
BELC	Belle Mtn. Jos baz=135	68.88 321	P	P		13 58 39.4 +0.6
XPFO	Pion Flat comp=Z,36nm,1.6s	68.89 320	P	P		13 58 39.8 +0.9
XPFO			I	Amb	I	13 58 49.9
PFO	Pinyon Flats O baz=134	68.89 320	P	P		13 58 39.7 +0.8
PFO	Pinyon Flats O	68.89 320	P	P		13 58 39.6 +0.8
PFO			I	Amb	I	13 58 49.9
GMRC	Granite Mounta baz=135,SNR=7.8	69.23 322	P	P		13 58 41.4 +0.4
KNB	White River Ci baz=142	69.25 325	P	P		13 58 42.5 +1.4
O20A	White River Ci baz=142	69.34 330	P	P		13 58 42.4 +0.9
LCMT	Little Creek M baz=134	69.48 325	P	P		13 58 43.6 +1.1
SRU	San Rafael baz=134	69.64 328	P	P		13 58 43.5 +0.1
HEC	Hector, Ludlow baz=134	69.66 321	P	P		13 58 44.7 +1.2
SC12	San Clemente I baz=132	69.74 318	P	P		13 58 45.0 +1.0
LLC	Lamo comp=Z,37nm,1.1s	69.75 75 eP	P	P		13 58 43.7 -0.8
MATO	Matagami baz=173	69.82 355	P	P		13 58 46.4 +2.4
TUQ	Turquoise Moun baz=135	69.85 322	P	P		13 58 45.8 +1.0
TIC	Toumudi baz=135	69.93 75 eP	P	P		13 58 46.1 +0.5
CIS	Catalina Islan baz=132	69.94 319	P	P		13 58 46.2 +1.0
CCUT	Cedar City baz=132	69.94 325	P	P		13 58 45.5 +0.1
P17A	Butcher Ranch, MSU	70.03 328	P	P		13 58 46.5 +0.7
MSU	Marysvalle baz=132	70.03 327	P	P		13 58 46.7 +0.8
BFSC	Mount Baldy Ra baz=133	70.04 320	P	P		13 58 46.6 +0.6
KIC	Kosan Boka baz=136,SNR=1.3s	70.07 75 eP	P	P		13 58 44.8 -1.6
QSPA	South Pole Qui comp=Z,20nm,0.6s,baz=150,slow=0.5,SNR=26	70.07 180	P	P		13 58 46.7 +1.0
QSPA	South Pole Qui	70.07 180	P	P		13 58 46.0 +0.2
QSPA			I	Amb	I	13 58 47.4
DBIC	Dimborko comp=Z,31nm,0.8s	70.09 75	P	P		13 58 45.0 -1.5
DBIC	Dimborko	70.09 75	P	P		13 58 44.5 -2.1
DBIC			I	Amb	I	13 59 10.4
SHPR	Sheep Range baz=159	70.17 323	P	P		13 58 48.0 +1.3
EYMN	Ely baz=159	70.23 345	P	P		13 58 48.3 +1.6
EYMN		70.23 345	P	P		13 58 46.3 -0.4
GSC	Goldstone, Bar baz=134,SNR=5.5	70.27 321	P	P		13 58 48.7 +1.4
GSC	Goldstone, Bar	70.27 321	P	P		13 58 46.6 -0.7
GSC			I	Amb	I	13 58 58.4
RDMU	Red Mountain comp=Z,50nm,1.6s	70.31 330	P	P		13 58 48.0 +0.5
SHOC	Shoshone, Teco baz=135	70.38 322	P	P		13 58 49.1 +1.3
EDW2	Edwards Air Fo baz=133	70.68 320	P	P		13 58 50.6 +0.8
RSSD	Black Hills baz=147	70.78 335	P	P		13 58 51.3 +0.9
RSSD	Black Hills	70.78 335	P	P		13 58 50.1 -0.3
LRMC	Laurel Mtn Rad baz=134	70.91 321	P	P		13 58 52.2 +1.0
PSUT	Pine Spring baz=132	70.92 326	P	P		13 58 52.2 +0.8
OSI	Osito Audit: C baz=132	70.94 320	P	P		13 58 52.4 +1.0
NLU	North Lily Mtn baz=133,SNR=6.9	71.06 328	P	P		13 58 53.1 +0.9
TPNV	Topopah Spring baz=135,SNR=5.4	71.10 323	P	P		13 58 53.7 +1.2
TPNV	Topopah Spring	71.10 323	P	P		13 58 52.9 +0.5
TPNV			I	Amb	I	13 58 55.6
FURC	Furnace Creek, baz=134,SNR=6.4	71.11 322	P	P		13 58 53.0 +0.8
MPMC	Manual Prospec baz=134,SNR=5.0	71.19 322	P	P		13 58 53.7 +0.7
JLU	Jordanelle baz=134	71.24 328	P	P		13 58 52.9 -0.4
CTU	Camp Tracy baz=134	71.46 328	P	P		13 58 54.0 -0.5
ISA	Isabella, Lake baz=133,SNR=6.9	71.50 321	P	P		13 58 56.2 +1.5
DUG	Dugway, Tooele baz=139,SNR=6.1	71.61 327	P	P		13 58 56.9 +1.5
DUG	Dugway, Tooele	71.61 327	P	P		13 58 56.4 +1.0
DUG			I	Amb	I	13 59 06.1
E28A	Huff comp=Z,37nm,1.2s	71.65 339	P	P		13 58 56.3 +1.0
AGMN	Agassiz Nation baz=155	71.69 343	P	P		13 58 56.7 +1.2
R11A	Troy Canyon, C baz=136,SNR=5.7	71.72 324	P	P		13 58 57.7 +1.5
GRAC	Grapevine Rang baz=134	71.77 322	P	P		13 58 57.1 +0.8
PKM	Mcherson Peak baz=132,SNR=9.3	71.79 319	P	P		13 58 57.1 +1.4
CWC						

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like HHC, LHZ, LZH, etc.

IDC 07 14:03:42.8:0.5,20:02'S:70:73W,h0km,mb4.5/15,
mpb1 4.6/19,mb1mx4.6/29,mbmp4.5/19,ML4.4/4,Error
ellipse: s-maj=19.9km s-min=11.8km az=69.0
MOS 07 14:03:43.7:1.3,20:02'S:70:82W,h21km,mb5.1/19,Error
ellipse: s-maj=12.3km s-min=7.5km az=106.6
NEIC 07 14:03:43.5:1.8,20:12'S:0:04:70:90W,0.05,h10km,1km,
mb5.1/124,ML5.0(GUC),Error ellipse: s-maj=8.4km
s-min=7.3km az=266.0
SJA 07 14:03:43.0:0.7,20:14'S:70:88W,h32km,3km,ML5.0,
MW5.0

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ID, h, m, s, Res. Includes stations like TA01, PSGC, PB11, etc.

Main table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like LPAZ, G002, YJA, etc.

Main table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like WLAR, V48A, TZTN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

PRE 07 14:08:52.0.0.7.23.98S:28.32E, h5km, ML2.2
NAM 07 14:08:56.9.0.9.25.63S:29.79E, h3km, 12km
ISC 07 14:08:55.8.1.3.25.60S:0.06:29.81E:0.07, h10km, n13,
az=263/26, South Africa

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

NEIC 07 14:23:53.9.2.8.20.21S:0.04:71.02W:0.06, h10km, 1km,
mb4.4/4, Error ellipse: s-maj=10.4km s-min=6.0km
az=100.0

IDC 07 14:23:54.7.1.4.20.16S:70.95W, h0km, mb3.9/3,
mb1.4/1.5, mb1mx3.7/35, mbtmp3.9/5, ML3.8/2, Error
ellipse: s-maj=35.0km s-min=17.2km az=68, ML3.8

GUC 07 14:23:55.6.0.8.20.11S:70.95W, h25km, 21km, ML3.8
ISC 07 14:23:53.2.1.8.20.15S:0.03:71.00W:0.06, h0km, 11km,
n45, c18/1748, SC-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TA01 Diego Aracena, PS01 Pisagua, PS02 Pisagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, PB15 IPOC Station P, PB15 IPOC Station P, etc.

IDC 07 14:29:57.9.2.1.6.84S:154.91E, h43km, 18km, mb4.1/18,
mb1.4/2.2, mb1mx4.1/39, mbtmp4.3/21, ML2.2/3, MS3.4/2,
Ms1.3/4.2, ms1mx3.1/31, Error ellipse: s-maj=21.0km
s-min=14.0km az=97.0

NEIC 07 14:30:00.9.1.8.6.74S:0.07:154.84E:0.08, h76km, 7km,
mb4.8/4.0, Error ellipse: s-maj=11.3km s-min=10.3km
az=65.0

Bull 07 14:30:01.1.0.0.7.07S:154.84E, h101km, mb5.0/11,
mb4.6/14

ISC 07 14:29:59.4.0.4.6.70S:0.05:154.83E:0.06, h56km, n81,
c18/785, mb4.7/40, 3D, Bougainville-Holomon Islands
region

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

ISC 07 15:06:47.0.1.5.4.02S:152.02E, h0km, mb3.5/3,
mb1.3/3.3, mb1mx3.4/29, mbtmp3.5/3, Error ellipse:
s-maj=41.0km s-min=14.9km az=86.0

NEIC 07 15:06:49.0.2.2.4.15S:0.1:151.8E:0.1, h15km, 8km,
mb4.3/5, Error ellipse: s-maj=21.4km s-min=9.8km
az=221.0

ISC 07 15:06:50.6.1.2.4.05S:0.1:152.0E:0.1, h35km, n10,
c2/20/11, mb3.6/5, New Ireland region

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

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

IDC 07 15:06:47.0.1.5.4.02S:152.02E, h0km, mb3.5/3,
mb1.3/3.3, mb1mx3.4/29, mbtmp3.5/3, Error ellipse:
s-maj=41.0km s-min=14.9km az=86.0

NEIC 07 15:06:49.0.2.2.4.15S:0.1:151.8E:0.1, h15km, 8km,
mb4.3/5, Error ellipse: s-maj=21.4km s-min=9.8km
az=221.0

ISC 07 15:06:50.6.1.2.4.05S:0.1:152.0E:0.1, h35km, n10,
c2/20/11, mb3.6/5, New Ireland region

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

MOS 07 15:27:31.8.0.9.8.09S:71.67W, h553km, mb5.0/61, Error
ellipse: s-maj=9.3km s-min=5.1km az=106.1
GCMT 07 15:27:32.6.0.5.8.28S:0.04:71.54W:0.04, h574km, 3km,
MW5.2/59, Moment Tensor Solution. s59,c65; Duration:
1s0 Moment tensor: Scale:10^17Nm; Mr=0.94; 0.4;
Mw=0.40; 0.7; Mw=0.54; 0.8; Mw=0.1; 1.0; Mw=0.40; 0.7;
Mw=0.13; 1.0; Best double couple: M0:0.91800; 10^17
M1:0.315; 0.0000; 0.42; 0.0000; 1; -97.0000; NP2:
phi=145.0000; delta=84.0000; lambda=84.0000; Principal axes:
T 0.8850, P1g3.0000; Azm231.0000; N 0.0660,
P1g5.0000; Azm321.0000; P -0.9510, P1g84.0000;
Azm109.0000; nst1 refers to body waves, cutoff=40s.
Triangular moment-rate function
NEIC 07 15:27:32.6.1.6.8.24S:0.07:71.6W:0.1, h561km,
mb5.1/581 Error ellipse: s-maj=14.4km s-min=10.3km
az=86.0
IDC 07 15:27:33.0.0.3.8.21S:71.60W, h558km, 3km, mb4.4/28,
mb1.4/5/36, mb1mx4.5/39, mbtmp5.3/36, Error ellipse:
s-maj=6.5km s-min=6.1km az=65.0
VAO 07 15:27:34.0.3.8.29S:71.92W, h579km, 2km, mb5.2
ISC 07 15:27:32.9.0.2.8.27S:0.03:71.61W:0.04, h565km, 2km,
h565km, p2, n1540, az=99/1805, mb5.0/385, 13C-10D,
Western Brazil

LMN	Caledonia Moun	54.22	6	P	P	15 36 05.8	-0.2
LMN	comp-Z, 80nm, 0.9s					15 36 06.9	
K38A	Parkersburg	54.23	341	P	I	15 36 04.4	-1.8
K38A	comp-Z, 103nm, 1.1s					15 36 05.7	
I42A	Drager Farm,	54.23	345	P	P	15 36 05.0	-1.2
I42A	comp-Z, 91nm, 1.2s					15 36 06.0	
H45A	Seulah	54.24	347	P	P	15 36 04.6	-1.6
H45A	baz=162						
F52A	Sundridge	54.26	353	P	P	15 36 05.5	-0.8
F52A	baz=171, SNR=32						
N33A	J Bar K, Exete	54.27	336	P	P	15 36 05.9	-0.6
ALGO	Algonquin Park	54.28	354	P	P	15 36 05.7	-0.7
ALGO	baz=172, SNR=21						
TRQ	Mont Tremblant	54.31	357	P	P	15 36 06.2	-0.5
TRQ	comp-Z, 129nm, 1.3s					15 37 00.6	-1.3
G47A	Hillman	54.33	349	P	P	15 36 05.6	-1.2
E60A	baz=165, SNR=19						
E60A	Ste Agathe de	54.39	0	P	P	15 36 06.5	-0.7
E60A	baz=180						
E58A	La Victoria	54.41	359	P	P	15 36 07.0	-0.4
E61A	baz=173, SNR=11						
E61A	Lac Etchemin	54.46	1	P	P	15 36 08.0	+0.3
F51A	Arnstein	54.46	353	P	P	15 36 06.8	-0.9
E57A	Chem Saint G	54.48	358	P	P	15 36 07.4	-0.5
E57A	baz=170, SNR=23						
H43A	Windswept, Lux	54.49	346	P	I	15 36 06.6	-1.4
H43A	baz=177, SNR=9.4					15 36 07.4	
H43A	comp-Z, 60nm, 1.0s						
E63A	Oxbow	54.52	3	P	P	15 36 07.3	+0.2
E63A	baz=184, SNR=8.1						
E63A	Oxbow	54.52	3	P	P	15 36 08.1	+0.1
E64A	Bridgewater	54.55	3	P	P	15 36 08.0	-0.1
E64A	baz=185, SNR=10					15 37 02.5	-0.1
G45A	Suttons Bay	54.55	348	P	P	15 36 08.4	+0.1
G45A	baz=163, SNR=6.7						
G45A	Suttons Bay	54.55	348	P	P	15 36 07.0	-1.4
G45A	comp-Z, 45nm, 0.8s					15 37 02.9	+0.1
F49A	Sandfield	54.59	351	P	P	15 36 07.3	0.9
F49A	baz=167, SNR=33						
E55A	Montcerf-Lyito	54.62	356	P	P	15 36 08.2	-0.6
E55A	baz=175, SNR=6.5						
T25A	Trinidad	54.63	328	P	P	15 36 10.3	+1.0
E56A	St. Veronique	54.65	357	P	P	15 36 08.4	-0.6
E56A	baz=176, SNR=24						
G46A	Petoskey	54.66	349	P	P	15 36 07.8	-1.3
E53A	baz=164, SNR=16						
E53A	Dumoine, Ponti	54.67	355	P	P	15 36 08.5	-0.7
E53A	baz=173, SNR=11						
E54A	Mattawa	54.67	354	P	P	15 36 08.2	-1.0
E54A	baz=171, SNR=14						
E54A	Lac Daplat, Po	54.68	355	P	P	15 36 08.5	-0.8
E54A	baz=173, SNR=24						
I40A	Norwalk	54.70	343	P	P	15 36 08.2	-1.2
F48A	Evansville	54.75	351	P	P	15 36 08.4	-1.3
P01	Presque Isle	54.79	3	P	P	15 36 09.8	-0.2
P01	comp-Z, 116nm, 1.6s					15 37 03.6	+0.1
L34A	Svendsen Farm,	54.90	338	P	P	15 36 10.0	-0.9
D60A	Saint Jean D'O	54.94	1	P	P	15 36 11.0	0.0
TUC	Tucson	54.99	319	P	P	15 36 11.7	-0.1
TUC	comp-Z, 28nm, 1.0s					15 37 05.7	
TUC	Tucson	54.99	319	P	P	15 36 12.2	+0.4
TUC	baz=130						
E51A	G1948 Merrick	55.01	353	P	P	15 36 11.7	-0.1
E51A	baz=170, SNR=33					15 37 05.7	+0.8
D59A	Saint-Raymond	55.03	360	P	P	15 36 11.0	-0.5
D59A	baz=180						
D57A	Chemin Vers le	55.08	358	P	P	15 36 11.3	-0.3
D57A	baz=177, SNR=17						
BGNE	Belgrade	55.12	336	P	P	15 36 11.8	-0.2
BGNE	baz=147, SNR=15						
BGNE	Belgrade	55.12	336	P	P	15 36 12.1	-0.4
D58A	Chemin du LacG	55.13	359	P	P	15 36 12.3	-0.1
D58A	baz=178, SNR=20						
F45A	CMU Biological	55.14	348	P	P	15 36 11.2	-1.3
F45A	baz=163, SNR=25						
D56A	ZEC Mazanza, M	55.14	357	P	P	15 36 11.8	-0.6
D56A	baz=176, SNR=15						
D63A	Stockholm	55.15	3	P	P	15 36 12.8	+0.3
D63A	baz=184, SNR=17						
D55A	Sainte-Anne-du	55.15	357	P	P	15 36 11.8	-0.7
D55A	baz=175, SNR=20						
D62A	Allapoint, All	55.15	2	P	P	15 36 12.4	+0.3
D62A	baz=183, SNR=36						
D62A	Allapoint, All	55.15	2	P	P	15 36 12.4	0.0
D62A	baz=183, SNR=36					15 36 13.7	
K50C	Kaye Sheddock	55.16	331	P	P	15 36 13.8	+0.8
K50C	baz=130						
D61A	St Aubert, Com	55.24	1	P	P	15 36 13.6	+0.5
D61A	baz=182, SNR=10						
E48A	Lockeayer	55.31	351	P	P	15 36 12.7	-0.9
E48A	baz=167, SNR=30						
D54A	Lac Fusel, La	55.36	356	P	P	15 36 12.9	-1.0
D54A	baz=174, SNR=24						
D53A	Lac Vachive, Po	55.37	355	P	P	15 36 13.4	-0.6
D53A	baz=173, SNR=21						
D53A	Lac Vachive, Po	55.37	355	P	P	15 36 13.2	-0.8
LATO	La Tuque	55.42	359	P	P	15 36 14.0	-0.3
LATO	baz=179						
LATO	La Tuque	55.42	359	P	P	15 36 13.7	-0.6
E47A	Iron Bridge	55.47	350	P	P	15 36 13.5	-1.2
E47A	baz=166, SNR=24						
BATG	Bathurst New B	55.52	5	P	P	15 36 14.9	-0.2
BATG	comp-Z, 65nm, 0.9s					15 36 16.2	
D51A	Lot 18 Range	55.55	354	P	P	15 36 14.2	-1.0
D51A	baz=171, SNR=20						
E46A	Sault Ste Mari	55.56	349	P	I	15 36 14.1	-1.3
E46A	comp-Z, 88nm, 0.9s					15 36 14.9	
SDCO	Great Sand Dun	55.66	328	P	P	15 36 17.5	+0.9
SDCO	baz=138, SNR=80						
SDCO	Great Sand Dun	55.66	328	P	P	15 36 17.3	+0.7
I37A	Lemond, Waseca	55.64	341	P	I	15 36 14.8	-1.4
I37A	comp-Z, 72nm, 0.7s					15 36 15.8	
D50A	G1974 Best Tow	55.67	353	P	P	15 36 15.3	-0.9
D50A	baz=170, SNR=23						
F42A	Maple Grove Fa	55.79	346	P	P	15 36 15.4	-1.5
G40A	Rib Lake,	55.85	344	P	P	15 36 15.8	-1.6
G40A	baz=169, SNR=20					15 36 19.1	+0.7
X16A	Snowflake	55.92	322	P	P	15 36 19.1	+0.7
D48A	Paudash Townsh	55.94	352	P	P	15 36 16.7	-1.3
D48A	baz=168, SNR=22						
D46A	Sault St. Mari	56.02	350	P	P	15 36 16.9	-1.7
D46A	baz=165						
D47A	Chapleau	56.02	351	P	P	15 36 17.1	-1.5
D47A	baz=166, SNR=23						
214A	Organ Pipe Nat	56.10	318	P	P	15 36 20.3	+0.9
214A	baz=128, SNR=15						
E43A	Organ Pipe Nat	56.10	318	P	P	15 36 19.9	+0.4
E43A	Lone Tree Farm	56.11	347	P	I	15 36 17.6	-1.6
E43A	comp-Z, 39nm, 0.6s					15 36 18.6	
E44A	Grand Marais A	56.12	348	P	P	15 36 18.4	-0.9
E44A	baz=163, SNR=19						
E44A	Grand Marais A	56.12	348	P	P	15 36 18.3	-0.9
E44A	comp-Z, 124nm, 1.4s					15 36 19.6	
W18A	Petrified Fore	56.19	322	P	P	15 36 20.9	+0.7
W18A	baz=133, SNR=5.2						
COWI	Conover	56.35	345	P	P	15 36 19.4	-1.5
S22A	4UR Ranch, Cre	56.37	327	P	P	15 36 22.1	+0.6
S22A	baz=137, SNR=39						
VLD0	Val d'Or	56.37	355	P	P	15 36 20.6	-0.3
VLD0	comp-Z, 134nm, 0.9s					15 36 21.0	+0.5
OGNE	Ogallala	56.41	333	P	P	15 36 22.0	+0.5
OGNE	baz=143, SNR=7.0					15 36 23.0	
OGNE	Ogallala	56.41	333	P	P	15 36 22.0	+0.5
OGNE	comp-Z, 134nm, 0.9s					15 36 23.0	
ECSD	EROS Data Cent	56.51	338	P	P	15 36 21.1	-1.0

ECSD	baz=150, SNR=34					15 36 21.1	-1.0
ECSD	EROS Data Cent	56.51	338	P	P	15 36 22.1	
SPMN	comp-Z, 80nm, 1.2s					15 36 21.0	-1.3
SPMN	Marine on St.	56.56	342	P	P	15 36 20.9	-1.4
SPMN	baz=155, SNR=21					15 36 22.1	
PMSA	Palmer Station	56.66	176	P	P	15 36 24.4	+1.8
PMSA	comp-Z, 39nm, 0.8s, baz=8.3, slow=0.5, SNR=7.3						
X16A	Lo Mia Camp,	56.77	321	P	P	15 36 24.7	+0.5
MVCO	Mesa Verde	56.91	325	P	I	15 36 25.9	+0.7
MVCO	baz=135, SNR=21						
MVCO	Mesa Verde	56.91	325	P	I	15 36 25.9	0.0
MVCO	comp-Z, 72nm, 0.8s					15 36 26.9	
D41A	Chassel	57.11	346	P	I	15 36 24.8	-1.3
D41A	comp-Z, 49nm, 0.6s					15 36 25.6	
ISCO	Idaho Springs	57.25	329	P	P	15 36 28.3	+0.8
ISCO	comp-Z, 59nm, 1.1s					15 36 28.4	+0.8
ISCO	Idaho Springs	57.25	329	P	P	15 36 28.2	+0.8
ISCO	baz=139, SNR=38						
ISCO	Idaho Springs	57.25	329	P	P	15 36 29.9	+1.1
WUAZ	Wupatki	57.45	322	P	P	15 36 29.9	+1.1
WUAZ	baz=131, SNR=39						
WUAZ	Wupatki	57.45	322	P	I	15 36 31.6	+1.0
WUAZ	comp-Z, 73nm, 0.9s					15 36 31.9	
E38A	The Farm, Brui	57.46	344	P	I	15 36 30.7	-1.3
E38A	comp-Z, 56nm, 0.8s					15 36 28.2	
SMCO	Snowmass	57.49	328	P	P	15 36 30.2	+1.0
PV01	Paradox Valley	57.60	326	P	I	15 36 30.7	+0.8
PV01	comp-Z, 70nm, 1.0s					15 36 31.9	
PV15	Paradox Valley	57.70	326	P	I	15 36 31.6	+1.0
PV15	comp-Z, 102nm, 0.8s					15 36 32.7	
PV02	Paradox Valley	57.75	326	P	I	15 36 31.6	+0.7
PV02	comp-Z, 72nm, 1.0s					15 36 32.8	
PV13	Radium Mtn., P	57.76	326	P	P	15 36 31.7	+0.7
PV13	comp-Z, 99nm, 1.1s					15 36 32.7	
PV03	Paradox Valley	57.84	326	P	P	15 36 31.7	+0.3
PV05	Paradox Valley	57.86	325	P	P	15 36 31.7	+0.1
PV07	Paradox Valley	57.86	326	P	I	15 36 32.1	+0.5
PV07	comp-Z, 79nm, 1.3s					15 36 33.5	
PV12	Saucer Basin,	57.86	326	P	P	15 36 32.2	+0.6
PV12	comp-Z, 116nm, 1.6s					15 36 33.6	
PV18	Skein Mesa, Pa	57.87	326	P	P	15 3	

7d 15h

2014 APR

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like H17A, H17A YPP, LKWW, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like PTEO Sao Teotônio, PTEO Sao Teotônio, PTEO Sao Teotônio, etc.

Table with columns: WVT, Waverly, 7.60 86 P, Pn, 16 04 54.9 +0.2, etc. Lists various stations and their coordinates.

Table with columns: DUG, Dugway, Tooele, 13.02 294 P, Pn, 16 06 08.8 -0.2, etc. Lists various stations and their coordinates.

Table with columns: ISC 07 16:32:48.1, 0.8, 23.9S, 0.1x174.5W, 0.1, h10km, n17, etc. Lists various stations and their coordinates.

MAN 07 16:03:07.7, 18.51N, 120.98E, h19km, mb4.6, ML3.5, MS3.4

ISC 07 16:03:04.7, 1.4, 18.29N, 121.43E, h0km, mb3.4/5, mb1 3.6/5, mb1mx3.4/4.4, mb1mx3.5/5, Error ellipse: s-maj=55.7km s-min=21.1km az=60.0, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR, SONM, WRA, H1S3, MKAR, H1S1, H1S2, H1N1, H1N2, H1N3, ASAR.

MAN 07 16:17:53.5, 18.90N, 121.25E, h33km, mb4.7, ML3.6, MS3.6, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KEA, HJAG, PYOG, SIJU, SIYU, PYS, KGE.

NNC 07 16:22:23.1, 7.4, 37.91N, 72.27E, h0km, mb3.5, mpv3.1, 2C-2D, Error ellipse: s-maj=57.4km s-min=40.7km az=168.0, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AAK, KK31, KK31, TKM2, TKM2.

NEIC 07 16:32:47.3, 2.6, 23.82S, 0.1x174.5W, 0.1, h10km, 2km, mb4.7/6, Error ellipse: s-maj=21.7km s-min=11.1km az=231.0

ISC 07 16:32:48.5, 1.2, 24.52S, 1.74x73W, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.7/4.5, mb1mx3.8/5, Error ellipse: s-maj=47.3km s-min=32.7km az=151.0

ISC 07 16:39:49.6, 1.8, 15.34S, 175.18W, h233km, 30km, mb4.2/3, mb1 4.3/4, mb1mx3.3/43, mb1mx4.7/4, Error ellipse: s-maj=58.3km s-min=22.0km az=138.0

NEIC 07 16:39:49.6, 0.8, 15.55S, 0.1x175.04W, 0.0, h236km, 10km, mb4.5/1/3, Error ellipse: s-maj=19.4km s-min=8.7km az=157.0

ISC 07 16:39:50.8, 0.7, 15.450S, 0.09x174.87W, 0.09, h262km, n26, 0979/27, mb4.4/9, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AFI, AFI, NIUE, NIUE, RAO, RAO, RAR, RAR, URZ, URZ, WHZ, WHZ, BB00, BB00, WR0, WR0, WR0, WR0, WBO, WBO, WRB, WRB, WRA, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, SIJI, SIJI, PSAA0, PSAA0, Vnda, Vnda, BRTR, BRTR, GERES, GERES, GERES, GERES.

ISC 07 16:40:07.9, 1.4, 20.08S, 70.76W, h0km, mb3.9/2, mb1 4.1/4, mb1mx3.7/35, mb1mx3.8/4, ML3.5/2, Error ellipse: s-maj=54.3km s-min=25.7km az=51.0

GUC 07 16:40:09.0, 0.8, 20.20S, 70.85W, h37km, 3km, ML3.5

ISC 07 16:40:12.4, 1.9, 20.16S, 0.04x73.0W, 0.03, h33km, 5km, n18, c145/24, 4C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TA01, TA01, TA01, PSGC, PSGC, PATCX, PATCX, PB11, PB11, PB11, PB11, PB02, PB02, PB02, PB02, PB01, PB01, PB01, MNMC, MNMC, GO01, GO01, PB12, PB12, PB12, LVC, LVC, LPAZ, LPAZ, SIV, SIV, NYAR, NYAR, H1S2, H1S2, H1S1, H1S1, MKAR, MKAR.

ISC 07 16:56:30.9, 308.0, 36.61N, 114.73W, h0km, Error ellipse: s-maj=126.1km s-min=73.5km az=29.0, Southern Nevada

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like IS75U, IS75U.

CORF	Corte	2.87	141	Pn	Pn	19 27 45.7	-0.3
CORF						19 28 18.4	-2.2
PYM	Petit Puy Mans	2.87	296	Pn	Pn	19 27 45.8	-0.2
BOURR	Bourrignon	2.88	7	↓Pn	Pn	19 27 46.8	+0.7
	comp=N,25nm,SNR=506						
BOURR	Pisa	2.88	105	↓Pn	Pn	19 27 46.8	+0.7
	comp=N,25nm,SNR=506						
PII						19 27 45.5	-0.5
	comp=E,5230µm,1.2s						
PII							
	comp=N,4230µm,0.5s						
BALST	Balsthal	2.88	14	↓Pn	Pn	19 27 47.0	+0.9
	comp=N,21nm,SNR=410						
BALST	Balsthal	2.88	14	↓Pn	Pn	19 27 47.0	+0.9
BALST	Balsthal					19 27 47.0	+0.9
BALST	Balsthal					19 27 47.0	+0.9
SMF	Signal de Mont	2.90	317	eP	Pn	19 27 47.0	+0.9
SMF	Signal de Mont	2.90	317	eP	Pn	19 27 47.0	+0.9
	comp=N,1µm,0.4s						
SMF						19 28 29.5	+1.9
	comp=N,4µm,0.5s						
SMF	Signal de Mont	2.90	317	P	Pn	19 27 46.1	-0.3
SMF						19 28 19.6	-1.8
SALO	Salr	2.92	67	↓Pn	Pn	19 27 46.4	-0.3
SALO	Salr	2.92	67	↓Pn	Pn	19 27 46.4	-0.3
	comp=N,14300µm,0.8s						
SALO							
	comp=E,9030µm,0.8s						
SALO							
	comp=E,7920µm,0.6s						
SALO							
	comp=N,14200µm,0.8s						
AGO	Saint Agoulin	2.93	302	Pn	Pn	19 27 47.0	+0.2
POPM	Popiglio	2.96	98	↓Pn	Pn	19 27 47.0	+0.2
	comp=E,6215µm,0.3s						
POPM							
	comp=N,4995µm,1.3s						
BERNI	Berninapass	3.00	50	↑Pn	Pn	19 27 48.6	+0.6
	comp=N,10nm,SNR=362						
BERNI	Berninapass	3.00	50	↑Pn	Pn	19 27 48.6	+0.6
	comp=N,3445µm,0.7s						
BERNI							
	comp=N,3245µm,0.8s						
AJAC	Base Aereonaval	3.02	149	Pn	Pn	19 27 47.4	-0.5
MAGA	Magasa	3.04	65	↓Pn	Pn	19 27 47.4	-0.5
	comp=E,19750µm,0.6s						
MAGA							
	comp=N,11900µm,0.6s						
ROTHE	Rothenfluh	3.06	16	↓Pn	Pn	19 27 49.4	+0.8
ROTHE						19 27 49.4	+0.8
	comp=N,23nm,SNR=298						
EWZT2	Wettswil, ZR	3.06	24	Pn	Pn	19 27 50.1	+1.5
	comp=N,19nm,SNR=55						
EWZT2	Zocca	3.07	92	Pn	Pn	19 27 50.1	+1.5
ZCCA	Zocca	3.07	92	↓Pn	Pn	19 27 51.0	+2.3
	comp=N,6330µm,0.9s						
ZCCA							
	comp=N,6435µm,0.9s						
ZCCA							
	comp=E,6330µm,0.8s						
CAVE	Cavezzo	3.09	82	↓Pn	Pn	19 27 50.8	+1.4
	comp=E,10260µm,1.1s						
CAVE							
	comp=N,8565µm,1.6s						
MABI	Malga Bissina	3.09	59	↑Pn	Pn	19 27 49.0	-0.1
	comp=N,5.5nm,SNR=339						
MABI	Malga Bissina	3.09	59	↑Pn	Pn	19 27 49.0	-0.1
SMPL	Sampolo	3.09	141	Pn	Pn	19 27 48.5	-0.4
SMPL	Sampolo	3.09	141	↓Pn	Pn	19 27 48.5	-0.4
SMPL	Sampolo	3.09	141	↓Pn	Pn	19 27 48.5	-0.4
SMPL	Sampolo	3.09	141	↓Pn	Pn	19 27 48.5	-0.4
ZUR	S.Piero in Cam	3.12	124	↓Pn	Pn	19 27 50.8	+1.4
CELB	Monte La Croce	3.13	98	P	Pn	19 27 49.1	-0.5
MTCR	Monte La Croce	3.13	98	P	Pn	19 27 49.1	-0.5
MTCR							
	comp=N,5470µm,0.9s						
MTCR							
	comp=E,3287µm,1.5s						
PLONS	Plons/SG	3.13	36	ePn	Pn	19 27 51.5	+1.8
PLONS	Plons/SG	3.13	36	ePn	Pn	19 27 51.5	+1.8
	comp=N,6800µm,1.5s						
PLONS							
	comp=E,5950µm,0.6s						
SULZ	Cheisacher	3.15	18	↓Pn	Pn	19 27 50.6	+0.8
SULZ	Cheisacher	3.15	18	↓Pn	Pn	19 27 50.6	+0.8
	comp=E,19nm,SNR=328						
SULZ	Cheisacher	3.15	18	ePn	Pn	19 27 50.5	+0.8
SULZ	Cheisacher	3.15	18	ePn	Pn	19 28 00.4	+0.1
DAVOX	Davos/Dischmat	3.16	44	↓Pn	Pn	19 27 51.3	+1.2
	comp=E,5.9nm,SNR=154						
DAVOX	Davos/Dischmat	3.16	44	↓Pn	Pn	19 27 51.3	+1.2
	comp=N,44nm,0.3s,baz=251,slow=6.3,SNR=77						
DAVOX							
	comp=E,85nm,0.3s,baz=334,slow=20,SNR=2.0						
DAVOX							
	comp=E,6µm,18.5s,slow=43						
DAVOX	Davos/Dischmat	3.16	44	↓Pn	Pn	19 27 52.6	+1.3
	comp=N,3745µm,0.7s						
DAVOX							
	comp=E,2725µm,0.7s						
BRMO	Bormio	3.23	52	Pn	Pn	19 27 52.0	+1.0
	comp=N,4.3nm,SNR=144						
BRMO	Bormio	3.23	52	Pn	Pn	19 27 52.0	+1.0
	comp=N,1990µm,0.9s						
BRMO	Bormio	3.23	52	Pn	Pn	19 27 52.0	+1.0
	comp=E,2105µm,0.7s						
AVF	Avril sur Loir	3.25	315	eP	Pn	19 27 51.5	+0.5
AVF	Avril sur Loir	3.25	315	eP	Pn	19 28 01.7	-0.5
AVF	Avril sur Loir	3.25	315	eP	Pn	19 28 25.0	-4.8
	comp=E,1µm,0.5s						
AVF	Avril sur Loir	3.25	315	P	Pn	19 28 40.0	+2.6
AVF	Avril sur Loir	3.25	315	P	Pn	19 27 51.6	+0.5
AVF	Avril sur Loir	3.25	315	P	Pn	19 28 27.7	-2.1
STIEG	Stiegenhof Hun	3.26	24	Pn	Pn	19 27 52.6	+1.3
STIEG	Stiegenhof Hun	3.26	24	Pn	Pn	19 27 52.6	+1.3
	comp=E,22nm,SNR=16						
WILA	Wila	3.26	27	↓Pn	Pn	19 27 53.0	+1.7
WILA	Wila	3.26	27	↓Pn	Pn	19 27 53.0	+1.7
	comp=E,17nm,SNR=341						
WILA	Wila	3.26	27	ePn	Pn	19 27 53.0	+1.7
WILA	Wila	3.26	27	ePn	Pn	19 28 02.8	+0.3
WILA	Wila	3.26	27	ePn	Pn	19 28 43.7	-1.0
HINF	Hinteratfeld	3.28	2	eP	Pn	19 27 51.8	+0.2
HINF	Hinteratfeld	3.28	2	eP	Pn	19 28 00.6	-2.2
HINF	Hinteratfeld	3.28	2	eP	Pn	19 28 26.9	-3.9
HINF	Hinteratfeld	3.28	2	eP	Pn	19 28 42.4	-2.8
	comp=E,2µm,0.6s						
ROVR	Rover Verones	3.29	69	↓Pn	Pn	19 27 52.8	+1.0
	comp=N,1510µm,0.3s						
ROVR							
	comp=N,1190µm,0.4s						
FLACH	Flaach	3.30	23	↓Pn	Pn	19 27 52.8	+1.0
FLACH	Flaach	3.30	23	↓Pn	Pn	19 27 52.8	+1.0
	comp=E,14nm,SNR=265						
CAF	Calviac	3.32	278	eP	Pn	19 27 52.1	-0.1
CAF	Calviac	3.32	278	eP	Pn	19 28 25.8	-5.9
	comp=E,2µm,0.5s						
CAF	Calviac	3.32	278	P	Pn	19 28 31.9	-7.7
CAF	Calviac	3.32	278	P	Pn	19 28 41.8	-4.8
	comp=E,2µm,0.6s						
CAF	Calviac	3.32	278	P	Pn	19 27 51.6	-0.6
CAF	Calviac	3.32	278	P	Pn	19 28 29.1	-2.6
MOF	Molkenrain	3.33	5	Pn	Pn	19 27 52.7	+0.5
METMA	Mettna DE	3.35	18	↓Pn	Pn	19 27 52.9	+0.3
METMA	Mettna DE	3.35	18	↓Pn	Pn	19 27 52.9	+0.3
	comp=E,7.8nm,SNR=214						
METMA	Mettna DE	3.35	18	ePn	Pn	19 27 52.9	+0.3
METMA	Mettna DE	3.35	18	ePn	Pn	19 27 52.9	+0.3
SGT04	Schlatt-Haslen	3.36	32	↓Pn	Pn	19 27 54.8	+2.0
	comp=E,12nm,SNR=273						

SGT04	Trifonti	3.36	114	↓Pn	Pn	19 27 54.8	+2.0
TRIF	Trifonti	3.36	114	↓Pn	Pn	19 27 54.8	+2.0
	comp=N,1995µm,1.2s						
TRIF							
	comp=N,2075µm,1.4s						
SSF	Saint Saulge	3.36	320	eP	Pn	19 27 53.5	+0.8
SSF	Saint Saulge	3.36	320	eP	Pn	19 28 00.5	+1.1
	comp=N,874nm,0.5s						
SSF							
	comp=N,3µm,0.5s						
LOR	Lormes	3.37	325	eP	Pn	19 27 53.4	+0.6
	baz=146						
LOR							
	comp=N,4µm,20.0s						
LOR	Lormes	3.37	325	eP	Pn	19 28 03.1	-1.4
LOR	Lormes	3.37	325	eP	Pn	19 28 28.1	-4.8
	comp=N,2µm,0.4s						
LOR							
	comp=N,2µm,0.4s						
LOR	Lormes	3.37	325	eP	Pn	19 27 53.3	+0.5
BGF	Bois d'Agland	3.37	308	eP	Pn	19 27 53.6	+0.8
BGF	Bois d'Agland	3.37	308	eP	Pn	19 28 04.5	+0.1
BGF	Bois d'Agland	3.37	308				

7d 19h

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PRU Pruhonice	7.62	42	ePN	Pn	19 28 51.3 +0.1	GUD Guadarrama	8.90	248	Pn	19 29 09.0 +0.2	LLW Lanuwychllyn	10.76	324	eP	Pn	19 29 33.3 -0.8
PRU comp=N,4um,12.6s			AMS	AMS	19 32 00.0	UPM Unac-Piva	8.92	94	ePn	19 29 09.2 0.0	BOVS Bovan	10.84	90	ePn	Pn	19 29 34.7 -0.6
PRU Pruhonice	7.62	42	eP	Pn	19 28 51.3 +0.1	UPM Unac-Piva	8.92	94	Pn	19 29 09.7 +0.5	EAGO Agolada(Pontev	10.85	266	Pn	Pn	19 29 33.8 -1.7
PRU comp=Z,4um,12.6s			MLR	MLR		UPM Swindon	9.00	324	ePn	19 29 48.8 -1.1	HPK Haverah Park	10.87	333	eP	Pn	19 29 35.8 +0.2
PRA Prague	7.63	41	ePN	Pn	19 28 52.1 +0.8	KEST Kesz	9.03	324	Pn	19 29 10.9 +0.9	HPK Haverah Park	10.87	333	Pn	Pn	19 29 36.7 +1.1
PRA comp=Z,3um,13.0s			AMS	AMS	19 31 50.0	KEST comp=Z,6.7nm,0.3s,baz=277,slow=2.8,SNR=45			Pn	19 29 14.0 +3.4	HPK Los Guajares	10.85	229	Pn	Pn	19 29 35.9 +3.0
PRA Prague	7.63	41	eP	Pn	19 28 52.1 +0.8	KEST comp=Z,2.3nm,0.3s,baz=166,slow=22,SNR=2.1			Pn	19 29 51.8 -0.6	GDLE Galsdale, N Y	11.02	336	eP	Pn	19 29 38.1 +0.4
PRA comp=Z,3um,13.0s			MLR	MLR		KEST comp=Z,1um,18.8s,baz=327,slow=37			Pn	19 32 36.1	PVRL Vila Real	11.06	258	eP	Pn	19 29 36.4 -2.0
JLP Les Platons	7.64	311	eP	Pn	19 28 51.5 +0.1	KEST Kesz	9.03	166	Pn	19 29 13.9 +3.3	BARS Barje	11.09	94	ePn	Pn	19 29 37.4 -1.3
HMX Hermonceux	7.64	328	eP	Pn	19 28 53.0 +1.7	KSP Ksiaz	9.03	42	eL	19 29 11.2 +0.7	BARS Barje	11.09	94	ePn	Pn	19 29 38.2 -0.5
JSA Saint Aubin	7.65	311	eP	Pn	19 28 51.2 -0.3	KSP Ksiaz	9.03	42	eL	19 29 11.2 +0.7	ELOB Lobios	11.10	261	Pn	Pn	19 29 37.5 -1.3
JSA comp=N,269nm,0.8s			IAML	IAML	19 31 31.5	KSP Ksiaz	9.03	42	eL	19 29 11.2 +0.7	PCAB Cabril	11.12	260	eP	Pn	19 29 37.5 -1.7
JSA Saint Aubin	7.65	311	Pn	Pn	19 28 51.6 +0.1	CART Cartagena	9.05	223	eP	19 29 18.6 +7.8	GKP Gorka Kiasztor	11.14	35	eP	Pn	19 29 43.9 +4.6
TREC Trest	7.67	49	ePN	Pn	19 28 51.9 +0.1	CART Cartagena	9.05	223	Pn	19 29 12.4 +1.6	GKP Gorka Kiasztor	11.14	35	eL	Pn	19 33 44.9
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 10.0 0.0	GKP Gorka Kiasztor	11.14	35	eL	Pn	19 29 43.9 +4.6
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 10.9 0.0	ECAB El Cabril	11.16	239	Pn	Pn	19 29 38.8 -0.9
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 10.9 0.0	YLL Lanberis	11.18	324	eP	Pn	19 29 40.0 +0.1
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	ZAGS Zajcar	11.19	88	ePn	Pn	19 29 38.9 -1.1
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	HERR Herculan	11.20	83	Pn	Pn	19 29 39.2 -1.0
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	HORN Hornachuelos	11.21	237	Pn	Pn	19 29 39.9 -0.5
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1	MORC Moravsky Berou	9.05	51	Pn	19 29 09.7 -1.1	PGAV Gaveira, Arco	11.21	262	eP	Pn	19 29 39.2 -1.3
TREC TREC	7.67	49	ePN	Pn	19 28 51.9 +0.1											

Table with columns: RND, Reindeer, 70.66 349, P, P, 19 38 13.2, -2.3, 19 38 18.2, etc. Includes various station names like Denali Highway, Kantishna Hill, Thorofare Moun, Nome, etc.

Table with columns: BDFB, Brasilia, 77.83 234, P, Pmax, 19 38 59.7, +1.7, 19 39 02.8, etc. Includes various station names like Hardware Ranch, Blue Mountains, Longmire, etc.

Table with columns: TAOE, Nuku Hiva Isla, 134.31 311, eLR, LR, 29 29 15.7, 19 46 29.3, etc. Includes station names like Stephens Creek, Vanda, Papeete2, etc.

ROM 07 19:32:24.1, 0.3, 44:51:00N, 0.009:6.75E:0.02, h10km, Mdl1.8/5, Error ellipse: s-maj=1.8km s-min=0.8km az=249.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like Montbardon, Stroppo, Rocca Remolon, etc.

IDC 07 19:54:30.1, 1.6, 20:11:5x70:79W, h0km, mb3.4/2, mb1.3/8.4, mb1mx3.6/20, mbtmp3.6/4, ML3.4/2, Error ellipse: s-maj=44.7km s-min=19.9km az=65.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like Diego Arcena, Pisagua, Punta Patache, etc.

NIED 07 20:07:00, 37:40N, 139:00E, h8km, Mw4.2 Best double couple: M2.5300x1015, NP1=53.0000, NP2=349.0000, P1.12.0000, NP2=202.0000, NP3=845.0000, NP4=67.0000

Table with columns: EKS2, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

MAN 07:20:43:34.4, 18:87N:120:81E, h21km, mb4.8, ML3.7, MS3.7

IDC 07:20:43:40.3-4.0, 18:57N:121:13E, h70km, 38km, mb3.4/8, mb1 3.5/9, mb1mx3.3/46, mbtmp3.7/9, ML2.7/1, MS3.1/7, Ms1 3.1/7, ms1mx2.8/31, Error ellipse: s-maj=29.5km s-min=15.6km az=71.0

ISC 07:20:43:37.1-0.8, 18:64N:109:121.2E:0.1, h41km, n24, o65/12, mb3.5/8, MS2.9/4, 2C-1D, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Luzon region.

GUC 07:21:03:08.7-0.7, 19:52S:69:01W, h117km, 3km, ML3.6

IDC 07:21:03:10.3-1.1, 19:53S:69:41W, h156km, 14km, mb3.5/1, mb1 3.4/4, mb1mx3.2/33, mbtmp3.7/4, Error ellipse: s-maj=41.4km s-min=16.7km az=95.0

ISC 07:21:03:09.7-1.0, 19:54S:0:04:69.07W:0.08, h119km, 7km, n16, c113/28, 9C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Northern Chile region.

IDC 07:21:07:49.6-5.6, 20:94S:170:03E, h182km, 30km, mb3.4/3, mb1 3.4/4, mb1mx3.2/24, mbtmp3.7/4, Error ellipse: s-maj=109.9km s-min=46.1km az=147.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the South Korea region.

KEA 07:21:19:15.4-0.0, 37:00N:124:42E, h0km, ML3.3/9, South Korea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the South Korea region.

IDC 07:21:27:56.5-3.2, 5:36S:103:75E, h0km, mb3.4/7, mb1 3.5/7, mb1mx3.3/40, mbtmp3.4/7, Error ellipse: s-maj=105.0km s-min=24.0km az=57.0, Southern Sumatera

ISC 07:21:27:56.5-3.2, 5:36S:103:75E, h0km, mb3.4/7, mb1 3.5/7, mb1mx3.3/40, mbtmp3.4/7, Error ellipse: s-maj=105.0km s-min=24.0km az=57.0, Southern Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Southern Sumatera region.

NEIC 07:21:39:00.6-2.1, 20:13S:0:03:71.01W:0.05, h9km, 4km, mb4.0/2, Error ellipse: s-maj=7.2km s-min=3.8km az=100.0

IDC 07:21:39:01.0-1.4, 20:15S:70:90W, h0km, mb3.8/3, mb1 4.1/5, mb1mx3.8/24, mbtmp4.0/5, ML3.9/2, MS2.3/2, Ms1 2.4/2, ms1mx2.3/4, Error ellipse: s-maj=36.9km s-min=17.9km az=69.0

GUC 07:21:39:02.7-0.9, 20:14S:70:91W, h36km, 3km, ML3.7

ISC 07:21:39:02.7-0.9, 20:14S:70:91W:0.06, h2km, 10km, n39, c129/50, 2C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Northern Chile region.

JMA 07:21:41:16.1-0.1, 24:22N:122:15E, h55km, 2km, M2.0

TAP 07:21:41:16.3-24.25N, 122:14E, h52km, ML2.5, 2

ISC 07:21:41:17.0-1.2, 24:27N:103:122:17E:0.02, h49km, 10km, n68, o64/104, Taiwan region

ISC 07:21:41:17.0-1.2, 24:27N:103:122:17E:0.02, h49km, 10km, n68, o64/104, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Taiwan region.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Taiwan region.

CHN5 Tsauhsan 1.52 244 eP Sn 21 41 42.7 +0.8

JKRS Kuro-shima 1.68 91 P Pn 21 41 44.0 +0.1

JKRS Kuro-shima 1.68 91 P Pn 21 42 00.4 +0.1

CHN4 Tsauhsan 1.71 238 eP Sn 21 41 45.8 +1.4

Table with columns: TPUB, Ta-pu, 1.71 236 eP, Pn, 21 41 45.5 +1.1, etc.

DJA 07 21:53:11.8.0.4.3'S.3.12'7E. h10km, M3.6/6, Mlv3.6/6, etc.

ISC 07 21:53:10.5.0.7.2.70S.0.05.126.79E.0.06, h10km, n21, etc.

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

ISC 07 22:02:27.8.4.5.4.64S.102.98E, h0km, mb3.6/4, etc.

ISC 07 22:02:35.9.1.2.4.85S.01.102.93E.0.10, h59km, n14, etc.

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

ISC 07 22:04:51.4.3.4.36'S.52N.71.14E, h194km, 26km, mb3.4/5, etc.

ISC 07 22:04:52.0.1.2.36.65N.0.10.70.99E.0.09, h188km, n27, etc.

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

Table with columns: TKM2, 6.8nm, 0.9s, fS, Sn, 22 07 55.1 -1.1, etc.

ISC 07 22:05:01.0.1.6.2.81S.139.43E, h0km, mb3.1/2, etc.

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

MOS 07 22:10:50.0.0.0.42.38N.43.53E, h5km, MPVA2.9, etc.

ISC 07 22:10:51.0.0.0.42.39N.43.58E, h1km, ML1.8, etc.

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

ISC 07 22:10:51.0.0.0.42.43N.0.02.43.64E.0.02, h12km, 6km, etc.

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

ISC 07 22:11:28.0.0.0.42.43N.0.02.43.64E.0.02, h12km, 6km, etc.

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

ISC 07 22:11:28.0.0.0.42.43N.0.02.43.64E.0.02, h12km, 6km, etc.

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

ISC 07 22:11:28.0.0.0.42.43N.0.02.43.64E.0.02, h12km, 6km, etc.

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

mb4.5/46, Error ellipse: s-maj=11.7km s-min=9.2km, az=110.0, etc.

ISC 07 22:19:07.0.7.53S.119.95E, h443km, mb4.8, etc.

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

ISC 07 22:19:06.9.0.5.7.48S.0.04.119.81E.0.05, h434km, 6km, etc.

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

ISC 07 22:19:06.9.0.5.7.48S.0.04.119.81E.0.05, h434km, 6km, etc.

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

ISC 07 22:19:06.9.0.5.7.48S.0.04.119.81E.0.05, h434km, 6km, etc.

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

ISC 07 22:19:06.9.0.5.7.48S.0.04.119.81E.0.05, h434km, 6km, etc.

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

ISC 07 22:19:06.9.0.5.7.48S.0.04.119.81E.0.05, h434km, 6km, etc.

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

ISC 07 22:19:06.9.0.5.7.48S.0.04.119.81E.0.05, h434km, 6km, etc.

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

ISC 07 22:19:06.9.0.5.7.48S.0.04.119.81E.0.05, h434km, 6km, etc.

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

ISC 07 22:19:06.9.0.5.7.48S.0.04.119.81E.0.05, h434km, 6km, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BORA, ESKISEHIR, ANOYIA, etc.

IDC 07 22:40:00.3:0.8,5:68S-153.09E,h0km,mb4.1/15, mb1.4,3/16,mb1mx4.1/43,mbtmp4.1/16,ML2.2/1,MS3.4/1, MS1.3/1.5,ms1mx2.7/29,Error ellipse: s-maj=24.1km s-min=16.0km az=113.0

NEIC 07 22:40:02.8:1.2,5:66S:0.07:153.0E:0.1, h17km,5km, mb4.3/9,Error ellipse: s-maj=17.7km s-min=9.4km az=95.0

ISC 07 22:40:05.8:0.6,5:64S:0.06:153.0E:0.09,h37km,n38, o596/40,mb4.1/18,New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT, RABL, PMG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WMOQ, IMAR, MKAR, etc.

IDC 07 23:15:53.5:1.8,6:25S:147.83E,h64km,18km,mb3.6/7, mb1.3/9/13,mb1mx3.6/39,mbtmp4.0/13,MS3.1/5, MS1.3/2.5,ms1mx2.7/29,Error ellipse: s-maj=24.8km s-min=12.2km az=105.0

ISC 07 23:15:52.6:0.8,6:26S:0.07:147.9E:0.1,h51km,n15, o142/15,mb3.9/7,MS3.3/3,Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMG, JAY, CTA, etc.

ATH 07 23:24:22.1,36.87N-22.76E,h15km,3km,ML1.6/3,Error ellipse: s-maj=4.0km s-min=1.0km az=155.0,Southern Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VLI, VLV, VLY, etc.

ATH 07 23:24:56.5,38.32N-21.97E,h10km,3km,ML0.7/2,Error ellipse: s-maj=3.3km s-min=1.1km az=80.0,Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LAKA, TRIZ, SERG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LAKA, KLV, ALIK, etc.

Table with columns: ITM, Ithomi, 0.95 183, PG, Pn, 23 36 48.3 +1.3, HGSD, baz=244, eS, Sb, 00 20 26.9 +0.5, H08S2 Diego Garcia H, 26.64 242, T, T, 01 30 15.6, etc.

Table with columns: HGSD, baz=244, eS, Sb, 00 20 26.9 +0.5, SLBB, Yangshan, 1.30 309, eP, Pn, 00 20 10.0 +0.5, NDT, Diatong Townshi, 1.31 301, eP, Pn, 00 20 10.2 +0.5, etc.

Table with columns: comp=Z,5.3nm,0.5s, H08S2 Diego Garcia H, 26.64 242, T, T, 01 30 15.6, H08S3 Diego Garcia H, 26.64 242, T, T, 01 30 07.3, etc.

DJA 08 00:57:23.2,0.5,5°N,3°9'6"E, h10km, M4.5/8, mB6.2/1, MLv4.5/8, Mw(m)5.8/1, NEIC 08 00:57:25.3,2.5,4.9,8N,0.06-.96:22E,0.09, h54km,10km, mb4.3/6, Error ellipse: s-maj=13.5km s-min=7.4km az=115.0

IDC 08 00:57:27.9,3.6,4.9,3N,96:28E, h69km,32km, mb3.6/6, mb1.3/7.8, mb1mx3.4/4.6, mb1mp3.9/8, ML4.0/1, MS3.4/1.6, Ms1.3/4.16, ms1mx3.2/4.4, Error ellipse: s-maj=71.5km s-min=15.7km az=53.0

ISC 08 00:57:22.6,0.6,4.8,8N,0.04-.96:11E,0.06, h29km, n42, c194/35, mb4.2/1, MS3.4/13, Northern Sumatera

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, MLSI Meulaboh, Aceh, 0.67 154, P, Op, ISC, h m s ISC, etc.

NEIC 08 01:03:02.4, 1.0, 19:78S, 0:03:70.53W, 0:03, h28km, 4km, mb4.9/8, Mw(m)4.5/4, ML5.0(GUC), Error ellipse: s-maj=5.0km s-min=4.0km az=52.0

GUC 08 01:03:02.8, 0.7, 19:77S, 70:48W, h39km, 1km, ML5.0, NEIC 08 01:03:02.4, 19:78S, 70:53W, h33km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mw:5.94; Mxx:0.67; Myy:6.61; Mz:2.82; Mxy:0.67; Myz:1.57; Fault plane solution: M=7.1100x10^15 Np1=333.70000°, s=0.04000°, λ=64.31000°. NP2=195.18000°, δ=40.88000°, λ123.76000°. Principal axes: T=2.637, P1=67.0000°, Azm193.0000°; N=0.3138, P1g21.0000°, Azm348.0000°; S=6.9496, P1g3.0000°, Azm82.0000°.

IDC 08 01:03:04.0, 0.7, 19:65S, 70:41W, h26km, 4km, mb2.1/3, mb1.4/5.16, mb1mx3.2/2.6, mb1mp4.5/16, ML4.7/2, MS3.8/17, Ms1.3/8.17, ms1mx3.7/2.5, Error ellipse: s-maj=18.9km s-min=14.0km az=75.0

IAO 08 01:03:05.4, 1.3, 19:72S, 70:35W, h38km, 10km, mb4.8, VAO 08 01:03:03.0, 0.6, 19:77S, 0:02:70.50W, 0:04, h28km, 4km, n392, c08/86/384, mb4.7/5.0, MS3.9/13, 8C-4D, Near coast of northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, PSCG Pisagua, 0.40 641, P, Op, ISC, h m s ISC, etc.

PATCX	Punta Patache	1.10 163	Sg	Pn	01 03 22.2 -0.4
PATCX	IPOC Station P	1.16 81	P	Pb	01 03 37.0 +0.1
PB12	IPOC Station P	1.16 81	P	Pb	01 03 23.2 -0.3
PB12	IPOC Station P	1.16 81	P	Pb	01 03 38.9 -0.4
GO01	Chusmiza	1.24 86j	eP	Pb	01 03 25.5 -0.6
GO01			eS	Pb	01 03 42.0 +0.2
GO01			IAML	Pb	01 03 43.1
GO01	comp=N,115um,0.3s			Pn	01 03 25.3 +0.4
GO01	Chusmiza	1.24 86	Sn	Pn	01 03 40.8 -0.2
GO01			Sg	Sb	01 03 42.4 +0.6
PB08	IPOC Station P	1.32 106j	eP	Pb	01 03 26.6 -0.9
PB08			eS	Pb	01 03 43.9 -0.3
PB08			IAML	Pb	01 03 44.7
PB08	comp=N,37um,0.2s			Pn	01 03 25.7 -0.3
PB08	IPOC Station P	1.32 106	Sn	Pn	01 03 42.8 -0.1
AP01	Chacalluta	1.40 61j	P	Pn	01 03 26.9 +0.2
AP01			eS	Pb	01 03 45.4 -0.6
PB01	IPOC Station P	1.58 143j	eP	Pb	01 03 29.9 +0.6
PB01			eS	Pb	01 03 50.3 -1.1
PB01			IAML	Pb	01 03 59.1
PB01	comp=E,21um,0.3s			Pn	01 03 29.7 +0.3
PB01	IPOC Station P	1.58 143	Sn	Pn	01 03 58.1 -0.8
PB02	IPOC Station P	1.64 160j	P	Pn	01 03 30.8 +0.7
PB02			eS	Pn	01 03 51.7 +1.3
PB02			IAML	Pn	01 04 00.7
PB16	IPOC Station P	1.71 34j	eP	Pb	01 03 32.9 -1.2
PB16			eS	Pb	01 03 55.3 -0.1
PB16	IPOC Station P	1.71 34	Pn	Pn	01 03 30.7 -0.8
PB07	IPOC Station P	2.03 164	P	Pn	01 03 35.3 -0.3
PB09	IPOC Station P	2.34 150	P	Pn	01 03 40.1 +0.4
LVC	Limon Verde	3.19 153	Pn	Sb	01 03 53.4 +1.7
LVC			Sn	Sb	01 04 36.9 -1.0
LVC	comp=E,603nm,0.3s,baz=190,slow=14,SNR=14			LR	01 05 17.5
LVC	comp=E,2um,18.4s,baz=286,slow=41			Pn	01 03 53.7 +2.0
LVC	Limon Verde	3.19 153	eP	Pn	01 03 56.2 -0.3
PB15	IPOC Station P	3.55 164	P	Pn	01 03 57.3 -1.4
PB10	IPOC Station P	4.73 181	P	Pn	01 04 09.5 +4.6
LPZA	La Paz	4.13 33	Pn	Pn	01 04 07.1
LPZA	comp=E,9.2nm,0.3s,baz=236,slow=7.3,SNR=108			LR	01 05 47.1
LPZA	comp=E,738nm,21.6s,baz=216,slow=41			Pn	01 04 07.0 +2.1
LPZA	La Paz	4.13 33	Pn	Pn	01 05 21.1 -0.2
SIV	San Ignacio	9.73 69	Pn	Pn	01 09 30.0
NNA	Nana	9.85 321	Pn	LR	01 09 30.0
NNA	comp=E,384nm,19.2s,baz=162,slow=39			Pn	01 06 04.2 -0.1
SAML	Samuel	12.88 34	Pn	Pn	01 06 08.1 -0.2
ROC1	El Roble	13.16 182	Pn	Pn	01 06 10.1 -0.3
PEL	Peidhue	13.32 181	Pn	Pn	01 06 16.9 +0.5
CPUP	Villa Florida	13.77 121	Pn	LR	01 12 10.9
CPUP	comp=E,0.5nm,0.3s,baz=306,slow=12,SNR=23			Pn	01 06 16.3 -0.1
CPUP	comp=E,235nm,21.2s,baz=299,slow=40			Pn	01 06 26.5 -1.5
CPUP	Villa Florida	13.77 121	eP	Pn	01 12 42.7
SAHV	Santo Antonio	14.71 328	LR	Pn	01 06 34.7 -1.5
ATAH	Atahualpa	14.71 328	LR	Pn	01 07 57.4 +0.5
ATAH	comp=E,499nm,21.5s,baz=150,slow=40			Pn	01 07 13.6 -0.9
GO05	Huala	15.23 184	P	Pn	01 07 15.7 -0.3
CLDB	Colider	16.70 103	eP	Pn	01 07 39.5 -0.7
TRCB	Terra Rica	16.92 103	eP	Pn	01 07 44.1 +0.9
PCMB	Pacaembu	18.10 99	eP	Pn	01 07 44.1 +0.9
ARAG	Araguaiana, MT	18.25 80	eP	Pn	01 07 44.1 +0.9
ITAB	Itaboraite	18.40 117	eP	Pn	01 07 44.1 +0.9
TJ01	Guaruva-PR	20.60 110	eP	Pn	01 16 21.2
PLCA	Paso Flores	20.89 180	P	LR	01 07 42.2 -1.0
PLCA	comp=Z,34nm,1.0s,baz=7.7,slow=12,SNR=34			LR	01 07 48.2 -1.0
PLCA	comp=E,203nm,18.2s,baz=4.0,slow=38			Iamb	01 07 44.2 -1.0
PLCA	Paso Flores	20.89 180	P	Iamb	01 07 44.2 -1.0
PLCA	comp=Z,71nm,1.1s			P	01 07 44.3 +1.1
PLCA	Paso Flores	20.89 180	eP	P	01 07 46.9 +0.6
IPMB	Ipameri, GO	21.17 89	eP	P	01 07 48.6 -1.8
PTGA	Pitinga	21.55 30	eP	P	01 16 50.4
PTGA	comp=Z,5.6nm,0.3s,baz=205,slow=17,SNR=16			LR	01 16 50.4
PTGA	comp=Z,476nm,19.0s,baz=210,slow=39			P	01 07 49.0 -1.4
PTGA	Pitinga	21.55 30	P	Iamb	01 07 53.6
PTGA	comp=Z,28nm,1.1s			P	01 07 50.5 +0.1
PTGA	Pitinga	21.55 30	eP	P	01 07 50.9 +0.1
RCLB	Rio Claro- Sao	21.59 101	eP	P	01 07 52.3 -0.4
SPB	Sao Paulo	21.77 104	P	Iamb	01 07 57.2
SPB			Iamb	Iamb	01 07 57.2
BDFB	Brasilia	21.81 83	P	P	01 07 51.4 -1.9
BDFB	comp=Z,2.5nm,0.5s,baz=264,slow=12,SNR=4.0			LR	01 17 58.2
BDFB	comp=Z,449nm,18.0s,baz=290,slow=41			P	01 07 51.4 -1.9
BDFB	Brasilia	21.81 83	P	P	01 07 53.9 +0.7
FLOC	Florencia	21.81 346	eP	P	01 08 01.6 +4.7
CRUC	La Cruz	22.13 343	eP	P	01 07 56.9 +0.1
VAO	Vainhos	22.15 103	eP	P	01 07 58.4 -0.9
CARC	Garzon, Huila	22.36 347	eP	P	01 08 04.9 +3.0
SOTA	Rioblanco	22.58 344	eP	P	01 08 05.7 +1.6
BETC	Betania	22.83 347	eP	P	01 08 07.3 +1.4
POPC	Popayan, Colom	22.98 344	eP	P	01 08 08.5 -1.4
PARB	Paraibuna	23.40 103	eP	P	01 08 14.6 -0.9
ORTC	Ortega, Tolima	23.99 348	eP	P	01 08 17.4 +0.4
YRTC	Yombu Suesaco	24.14 347	eP	P	01 08 21.9 +3.5
YOTC	Yotoco, Valle	24.29 346	eP	P	01 08 21.9 +0.6
ANIL	Santa Ana	24.59 348	eP	P	01 08 21.4 -0.4
SMTB	Santa Maria do	24.67 67	eP	P	01 08 23.9 0.0
MAN01	Angra dos Reis	24.90 102	eP	P	01 08 26.7 +1.6
RREF	El Recreo	24.96 349	eP	P	01 08 26.7 +0.4
PLMC	San Jose del P	25.17 346	eP	P	01 08 28.3 +0.5
GUYCZ	Guyana, Caldas	25.29 349	eP	P	01 08 28.3 +0.2
VAS01	Vassouras-RJ	25.37 100	eP	P	01 08 29.9 +0.3
NORC	Norcasia	25.54 350	eP	P	01 08 31.5 +0.7
RUSC	La Rusia	25.63 354	eP	P	01 08 31.5 -2.8
CBOC	Ciudad Bolivar	26.04 347	eP	P	01 08 36.4 -0.2
HELZ	Santa Helena	26.27 346	eP	P	01 08 34.8 -2.9
PTBC	PUERTO BERRIO,	26.43 351	eP	P	01 08 42.9 -1.8
DBBC	Dabeiba	27.20 348	eP	LR	01 01 24.9
SDV	Santo Domingo	28.48 360	LR	LR	01 09 55.0 -2.1
SDV	comp=Z,424nm,18.9s,baz=199,slow=39			P	01 09 55.0 -2.1
SMLC	San Martin de	29.84 353	eP	P	01 09 56.3 -1.8
SJCC	San Jacinto, C	29.84 351	eP	P	01 09 11.5 -0.8
MDP	Montagnes des	30.32 37	P	P	01 09 54.4 +1.2
USHA	Ushuaia	35.04 178	P	P	01 12 19.3 -0.8
USHA	comp=Z,9.9nm,0.7s,baz=239,slow=2.4,SNR=6.6			P	01 12 26.7 -0.2
NH39	New Hope	53.39 350	P	P	01 12 29.6 -0.6
GOGA	Godfrey	54.31 347	P	P	01 12 29.4 -1.2
Z50A	Ashland	54.74 344	P	P	01 12 29.4 -1.2
LRAL	Lakeview Retre	54.82 343	P	P	01 12 30.1 -0.9
Y52A	Liburn	54.88 346	P	P	01 12 30.9 -0.2
X56A	White Oak	54.88 349	P	P	01 12 32.9 +0.2
W58A	Raefford	55.12 351	P	P	01 12 34.0 -0.3
X53A	Estanoleto	55.33 347	P	P	01 12 35.8 -0.2
KMSC	Kings Mountain	55.57 349	P	P	01 12 37.2 +0.2
V59A	Middlesex	55.72 352	P	P	01 12 39.6 +0.2
V57A	Coltrane Farms	56.05 351	P	P	01 12 38.8 -0.8
U61A	Possum Corner	56.08 354	P	P	01 12 39.6 0.0
V56A	Mocksville	56.08 350	P	P	01 12 40.8 +0.1
V55A	Taylorsville	56.24 350	P	P	01 12 40.8 +0.1
U59A	Littleton	56.24 353	P	P	01 12 41.2 -0.1
V54A	Nebo	56.30 349	P	P	01 12 42.2 +0.5
U58A	Oxford	56.38 352	P	P	01 12 42.2 -0.3
U57A	Blanch	56.52 351	P	P	

T59A	Double "B" Far	56.83 353	P	P	01 12 45.0 +0.1
T60A	Surry	56.91 354	P	P	01 12 45.7 +0.2
T58A	Grand View Acr	56.92 352	P	P	01 12 45.2 -0.4
U54A	Nelsons Funny	57.00 349	P	P	01 12 46.0 -0.2
T57A	Hurt	57.06 352	P	P	01 12 46.9 +0.3
T56A	Rocky Mt	57.20 351	P	P	01 12 47.7 +0.1
V48A	Smith Brothers	57.33 344	P	Iamb	01 12 48.3 -0.3
V48A			Iamb	Iamb	01 12 48.6
T55A	Pulaski	57.41 350	P	P	01 12 48.9 -0.2
T54A	Tazewell	57.48 350	P	P	01 12 49.3 -0.3
S58A	Poland Farm, P	57.52 353	P	P	01 12 49.3 -0.5
T53A	Wise	57.58 349	P	P	01 12 49.5 -0.8
T51A	Gray	57.84 347	P	P	01 12 51.2 -0.9
R58B	Mineral	57.84 353	P	P	01 12 51.2 -0.8
WV7	Waverly	57.96 343	P	P	01 12 52.0 -0.9
WV7	Waverly	57.96 343	P	Iamb	01 12 51.9 -1.1
WV7			Iamb	Iamb	01 12 52.8
R59A	King George, V	57.99 354	P	P	01 12 53.6 +0.5
S55A	Lewisburg	58.00 351	P	P	01 12 53.1 -0.2
T50A	Nancy	58.08 346	P	P	01 12 53.0 -0.8
R57A	Standardsville	58.25 353	P	P	01 12 54.4 -0.5
MIAR	Mount Ida	58.30 338	P	P	01 12 55.1 -0.3
MIAR	Mount Ida	58.30 338	P	Iamb	01 12 55.3 -0.1
MIAR			Iamb	Iamb	01 13 05.9
T49A	Edmonton	58.32 346	P	P	01 12 54.7 -0.8
TXAR	Lajitas Array	58.37 326	P	P	01 12 56.3 +0.3
TXAR	comp=Z,0.5nm,0.8s,baz=148,slow=7.4,SNR=5.1			pP	01 13 04.5 +0.1
TXAR	Lajitas Array	58.37 326	P	P	01 12 55.4 -0.7
S50A	Richmond	58.62 347	P	P	01 12 57.0 -0.5
Q57A	Strasburg	58.96 353	P	P	01 13 00.6 +0.7
W39A	Magazine	58.96 338	P	P	01 13 00.6 +0.6
W39A	Magazine	58.96 338	Iamb	Iamb	01 13 11.5
Q56A	Snyder Ridge,	59.06 352	P	P	01 13 01.5 +0.8
ABTX	Abilene Hawle	59.09 331	P	P	01 13 01.5 +0.5
Q55A	Buckhannon	59.14 351	P	P	01 13 01.6 +0.4
Q53A	Leroy	59.23 350	P	P	01 13 01.8 0.0
Q54A	Coxs Mills	59.24 351	P	P	01 13 01.7 -0.1
PBMO	Poplar Bluff	59.31 341	Iamb	Iamb	01 13 02.3
P59A	Jarrettsville	59.33 355	P	P	01 13 02.7 +0.3
P57A	Homestead Farm	59.36 353	P	P	01 13 03.4 +0.8
WCI	Wandotte Cave	59.57 346	P	P	01 13 03.1 -1.0
Q50A	Georgetown	59.66 348	P	P	01 13 03.3 -0.4
U40A	Yellville	59.69 339	P	P	01 13 04.5 -0.5
U40A	Yellville	59.69 339	Iamb	Iamb	01 13 05.3
MCWV	Mont Chateau	59.76 352	P	P	01 13 05.8 +0.4
P54A	Burton	59.79 351	P	P	01 13 05.6 -0.1
P53A	Whipple	59.82 350	P	P	01 13 06.1 +0.3
O57A	Amberson	60.04 354	P	P	01 13 07.3 0.0
P52A	Corning	60.09 350	P	P	01 13 07.3 -0.3
P51A	Williamsport	60.10 349	P	P	01 13 06.8 -0.9
Q48A	North Vernon	60.11 346	P	P	01 13 07.0 -0.8
O56A	Blue Knob Stat	60.20 353	P	P	01 13 08.4 -0.1
O55A	Ligonier	60.23 352	P	P	01 13 08.4 -0.2
TUL1	Leonard	60.34 336	P	P	01 13 09.1 -0.3
TUL1	Leonard	60.34 336	P	P	01 13 09.1 -0.3
O54A	Avella	60.35 351	P	P	01 13 09.0 -0.4
N60A	Cedar Hill Far	60.48 356	P	P	01 13 10.5 +0.3
SSPA	Standing Stone	60.49 354	P	P	01 13 10.6 +0.2
N59A	State Game Lan	60.57 355	P	P	01 13 11.1 +0.1
N58A	Sunbury	60.57 355	P	P	01 13 11.3 +0.4
CCM	Cathedral Cave	60.73 341	P	P	01 13 11.5 -0.6
CCM	Cathedral Cave	60.73 341	P	Iamb	01 13 11.5 -0.6
CCM					

E60A	Ste Agathe de baz=179	65.83 359	P	P	01 13 45.9 +0.2
E58A	La Victoria baz=177	65.88 358	P	P	01 13 46.1 +0.1
E61A	Lac Etchemin baz=180	65.89 0	P	P	01 13 46.9 +0.9
E63A	Oxbow baz=182	65.91 2	P	P	01 13 46.8 +0.7
E64A	Bridgewater baz=181	65.92 2	P	P	01 13 46.5 +0.2
F51A	Arnstein baz=170	65.94 353	P	P	01 13 46.0 -0.4
SDCO	Great Sand Dun baz=144	66.01 330	P	P	01 13 48.2 +0.8
SDCO	Great Sand Dun comp=Z,8.2nm,0.8s	66.01 330	Iamb	Iamb	01 13 49.1
W18A	Petrified Fore baz=142	66.08 325	P	P	01 13 48.6 +0.8
E56A	St. Veronique baz=175	66.13 357	P	P	01 13 47.2 -0.4
E53A	Dumoine, Ponti baz=173	66.15 355	P	P	01 13 47.9 +0.1
E54A	Lac Duplat, Po baz=173	66.17 355	P	P	01 13 47.7 -0.2
E51A	G1948 Merrick baz=171	66.49 353	P	P	01 13 50.0 +0.1
D63A	Stockholm baz=171	66.53 2	P	P	01 13 50.7 +0.6
D57A	Chemin Vers le baz=177	66.54 357	P	P	01 13 50.7 +0.4
D62A	Allapoint, All baz=182	66.55 1	P	P	01 13 50.7 +0.5
D62A	Allapoint, All baz=182	66.55 1	P	P	01 13 49.7 -0.6
D62A	Allapoint, All baz=182	66.55 1	Iamb	Iamb	01 13 51.6
F45A	comp=Z,8.1nm,0.7s CMU Biological	66.55 349	P	P	01 13 49.5 -0.8
D58A	Chemin du LacG baz=178,SNR=5.3	66.59 358	P	P	01 13 50.8 +0.2
D56A	ZEC Mazanza, M baz=178	66.61 357	P	P	01 13 50.9 +0.2
D55A	Sainte-Anne-du baz=175	66.63 356	P	P	01 13 50.7 -0.1
S22A	4UR Ranch, Cre baz=143	66.64 329	P	P	01 13 52.0 +0.5
D54A	Lac Fusel, La baz=174	66.84 355	P	P	01 13 51.6 -0.5
D53A	Lac Vache, Po baz=173	66.85 355	P	P	01 13 52.0 -0.2
D51A	Lot 18 Range I baz=171	67.03 353	P	P	01 13 53.1 -0.2
MVCO	Mesa Verde baz=141	67.04 328	P	P	01 13 54.5 +0.5
D50A	G1974 Best Tow baz=171	67.15 353	P	P	01 13 54.0 -0.1
WUAZ	Wupatki baz=138	67.26 325	P	P	01 13 56.7 +1.4
WUAZ	Wupatki comp=Z,1.6nm,1.5s	67.26 325	Iamb	Iamb	01 14 07.7
D48A	Pudash Townsh baz=169	67.41 352	P	P	01 13 54.8 -0.9
ECSD	EROS Data Cent baz=154	67.58 340	P	P	01 13 56.6 -0.3
ECSD	EROS Data Cent baz=154	67.58 340	P	P	01 13 56.1 -0.8
ECSD	EROS Data Cent baz=154	67.58 340	Iamb	Iamb	01 14 07.4
ISCO	Idaho Springs baz=144	67.72 331	P	P	01 13 59.1 +0.8
PV01	Paradox Valley comp=Z,5.2nm,0.8s	67.80 328	Iamb	Iamb	01 14 00.7
SPMN	Marine on St. comp=Z,8.8nm,1.1s	67.80 343	P	P	01 13 57.3 -1.0
SPMN	Marine on St. comp=Z,8.8nm,1.1s	67.80 343	Iamb	Iamb	01 14 08.0
SMCO	Snowmass comp=Z,4.7nm,0.8s	67.85 330	Iamb	Iamb	01 14 01.1
PV15	Paradox Valley comp=Z,9.9nm,0.8s	67.91 329	Iamb	Iamb	01 14 01.7
PV13	Radium Mtn., P comp=Z,5.0nm,0.7s	67.94 328	Iamb	Iamb	01 14 01.3
IRM	Iron Mountain baz=135	68.42 321	P	P	01 14 04.1 +1.6
U15A	North Rim comp=Z,9.3nm,1.3s	68.44 325	Iamb	Iamb	01 14 15.6
D41A	Chassel baz=144	68.48 347	P	P	01 14 01.4 -1.1
N23A	Red Feather La baz=135	68.75 332	P	P	01 14 05.3 +0.6
GMRC	Granite Mounta baz=135	69.17 321	P	P	01 14 08.7 +1.5
MATO	Matagami baz=173	69.51 355	P	P	01 14 08.4 -0.4
DBIC	Dimbokro comp=Z,5.0nm,0.9s,baz=192,slow=4.3,SNR=6.2	69.70 75	P	P	01 14 12.0 +1.2
DBIC	Dimbokro comp=Z,8.2nm,2.1s,baz=216,slow=3.4	69.70 75	LR	LR	01 14 12.5
DBIC	Dimbokro comp=Z,12nm,1.1s	69.70 75	Iamb	Iamb	01 14 09.6 -1.2
DBIC	Dimbokro comp=Z,12nm,1.1s	69.70 75	P	P	01 14 12.5
EYMN	Ely comp=Z,9.6nm,0.8s	69.99 345	P	P	01 14 11.1 -0.7
QSPA	South Pole Qui comp=Z,9.6nm,0.8s	70.41 180	P	P	01 14 13.9 -0.6
QSPA	South Pole Qui comp=Z,9.6nm,0.8s	70.41 180	Iamb	Iamb	01 14 16.3
RSSD	Black Hills baz=147	70.60 335	P	P	01 14 16.5 +0.5
LRMC	Laurel Mtn Rd baz=133	70.84 321	P	P	01 14 19.1 +1.6
TPNV	Topopah Spring baz=135	71.02 323	P	P	01 14 19.7 +1.1
TPNV	Topopah Spring comp=Z,4.8nm,1.0s	71.02 323	Iamb	Iamb	01 14 31.0
ISA	Isabella, Lake baz=133	71.44 320	P	P	01 14 21.9 +0.8
AGMN	Agassiz Nation baz=155	71.46 342	P	P	01 14 20.4 -0.4
DUG	Dugway, Toeole baz=133	71.50 327	P	P	01 14 22.6 +1.2
DUG	Dugway, Toeole comp=Z,6.3nm,0.8s	71.50 327	Iamb	Iamb	01 14 23.7
R11A	Troy Canyon, C baz=136	71.63 324	P	P	01 14 24.0 +1.7
R11A	Troy Canyon, C comp=Z,8.6nm,1.4s	71.63 324	Iamb	Iamb	01 14 34.5
CWC	Cottonwood Cre baz=133	71.73 321	P	P	01 14 24.0 +1.1
PKM	Mpcheron Peak baz=131	71.74 319	P	P	01 14 24.1 +1.1
BW06	Boulder Array baz=142	71.88 331	P	P	01 14 23.8 +0.1
PDAR	Pinedale Array comp=Z,0.8nm,0.6s,baz=133,slow=7.9,SNR=11	71.88 331	P	P	01 14 23.5 -0.3
PDAR	Pinedale Array comp=Z,3.4nm,2.1s,baz=153,slow=3.7	71.88 331	LR	LR	01 47 46.3
PDAR	Pinedale Array comp=Z,3.4nm,2.1s,baz=153,slow=3.7	71.88 331	P	P	01 14 22.9 -0.8
DHWUT	Hardwar Ranch comp=Z,6.3nm,0.9s	71.94 329	Iamb	Iamb	01 14 37.5
BGU	Big Grassy Mou baz=133	72.15 327	P	P	01 14 23.7 -1.6
MNDND	Maddock baz=133	72.20 340	P	P	01 14 24.5 -0.7
AH4D	Auburn Hatcher comp=Z,4.0nm,0.8s	72.59 330	Iamb	Iamb	01 14 29.4
REDW	Red Top Meadow comp=Z,1.2nm,1.5s	73.24 330	Iamb	Iamb	01 14 31.2
TPAW	Teton Pass comp=Z,1.1nm,1.5s	73.08 330	Iamb	Iamb	01 14 34.4
ELK	Elko baz=133	73.16 326	P	P	01 14 30.9 -0.5
NVAR	Mina Array Bea comp=Z,1.5nm,0.8s,baz=151,slow=7.5,SNR=12	73.22 323	P	P	01 14 33.3 +1.5
NVAR	Mina Array Bea comp=Z,1.5nm,0.8s,baz=151,slow=7.5,SNR=12	73.22 323	P	P	01 14 31.4 -0.4
NVAR	Mina Array Bea comp=Z,1.5nm,0.8s,baz=151,slow=7.5,SNR=12	73.23 343	P	P	01 14 30.8 -0.5
ULM	Lac du Bonnet comp=Z,2.9nm,0.7s,baz=145,slow=9.4,SNR=6.2	73.23 343	P	P	01 14 40.2 +0.3
ULM	Lac du Bonnet comp=Z,4.3nm,0.9s,baz=154,slow=3.3,SNR=5.8	73.23 343	pP	pP	01 14 40.2 +0.3
ULM	Lac du Bonnet comp=Z,1.9nm,1.8s,baz=42,slow=3.9	73.23 343	LR	LR	01 49 41.9
ULM	Lac du Bonnet comp=Z,1.9nm,1.8s,baz=42,slow=3.9	73.23 343	P	P	01 14 30.8 -0.5
ULM	Lac du Bonnet comp=Z,1.9nm,1.8s,baz=42,slow=3.9	73.23 343	Iamb	Iamb	01 14 40.7
FLWY	Flagg Ranch comp=Z,1.0nm,0.8s	73.42 331	Iamb	Iamb	01 14 35.1
KVN	Kaiserville baz=145	73.53 323	P	P	01 14 32.5 -1.1
LAO	LASA Array baz=145	73.59 335	P	P	01 14 34.2 +0.6
LAO	LASA Array comp=Z,8.4nm,1.1s	73.59 335	P	P	01 14 33.2 -0.4
LAO	LASA Array comp=Z,8.4nm,1.1s	73.59 335	Iamb	Iamb	01 14 45.7
RLMT	Red Lodge baz=142	73.59 332	P	P	01 14 34.7 +0.8
RLMT	Red Lodge comp=Z,4.3nm,0.7s	73.59 332	Iamb	Iamb	01 14 35.6
DGMT	Dagmar baz=142	74.31 337	P	P	01 14 38.8 +0.9

SCHO	Schefferville comp=Z,4.9nm,20.9s,baz=343,slow=36	74.36 2	LR	LR	01 47 53.1
PAHR	Pah Rah Range comp=Z,7.3nm,0.9s	74.70 323	Iamb	Iamb	01 14 43.0
MFID	Camas Ranch comp=Z,7.4nm,1.1s	75.39 328	Iamb	Iamb	01 14 46.6
EGMT	Eagleton baz=147	76.09 334	P	P	01 14 48.8 +0.7
EGMT	Eagleton comp=Z,6.5nm,0.8s	76.09 334	Iamb	Iamb	01 14 49.3
M50	Missoula baz=138	76.99 331	P	P	01 14 54.2 +1.0
M04C	Macedo baz=131	77.48 323	P	P	01 14 57.3 +1.2
VNDA	Vanda comp=Z,2.4nm,0.7s,baz=117,slow=4.1,SNR=13	78.28 190	P	P	01 15 01.9 +2.0
VNDA	Vanda comp=Z,2.4nm,0.7s,baz=117,slow=4.1,SNR=13	78.28 190	P	P	01 14 59.7 -0.2
Y04A	Yendick Farm, baz=131	79.11 325	P	P	01 15 05.1 +0.1
BOSA	Boshof comp=Z,2.9nm,0.9s,baz=232,slow=6.9,SNR=3.7	85.58 119	P	P	01 15 39.6 +0.2
BOSA	Boshof comp=Z,2.9nm,0.9s,baz=232,slow=6.9,SNR=3.7	85.58 119	P	P	01 15 07.4
MAW	Mawson comp=Z,1.07nm,19.5s,baz=240,slow=35	86.40 164	LR	LR	01 54 02.5
YKA	Yellowknife Arr comp=Z,5.5nm,0.9s,baz=137,slow=5.3,SNR=6.1	89.07 341	P	P	01 15 54.5 -0.6
YKA	Yellowknife Arr comp=Z,5.5nm,0.9s,baz=137,slow=5.3,SNR=6.1	89.07 341	pP	pP	01 16 03.6 -0.3
YKA	Yellowknife Arr comp=Z,3.5nm,0.8s,baz=138,slow=5.4,SNR=11	89.07 341	LR	LR	01 59 10.8
YKA	Yellowknife Arr comp=Z,3.5nm,0.8s,baz=138,slow=5.4,SNR=11	89.07 341	LR	LR	01 59 10.8
KEST	Kesra comp=Z,7.1nm,18.7s,baz=262,slow=36	93.47 53	LR	LR	01 59 48.9
H1S2	WAKE ISLAND Hyt26.16 279	93.47 53	T	T	03 41 29.3
H1S1	WAKE ISLAND Hyt26.20 279	93.47 53	T	T	03 41 27.8
H1S1	WAKE ISLAND Hyt26.18 279	93.47 53	T	T	03 41 29.1
H1N3	WAKE ISLAND Hyt26.20 280	93.47 53	T	T	03 41 31.4
H1N2	WAKE ISLAND Hyt26.22 280	93.47 53	T	T	03 41 35.8
H1N1	WAKE ISLAND Hyt26.22 280	93.47 53	T	T	03 41 32.6
ASAR	Alice Springs comp=Z,1.5nm,0.5s,baz=145,slow=2.2,SNR=11	130.70 210	PKP	PKPdf	01 22 12.1 -0.2
ASAR	Alice Springs comp=Z,1.5nm,0.5s,baz=145,slow=2.2,SNR=11	130.70 210	PKPdf	PKPdf	01 22 11.1 -1.2
ASAR	Alice Springs comp=Z,1.5nm,0.5s,baz=145,slow=2.2,SNR=11	130.70 210	PKP	PKPdf	01 22 11.1 -1.2
WRA	Warramunga Arr comp=Z,1.5nm,0.4s,baz=149,slow=1.8,SNR=7.9	133.63 213	PKP	PKPdf	01 22 18.1 +0.3
ZALV	Zalesovo Beam comp=Z,2.0nm,0.4s,baz=323,slow=2.2,SNR=8.0	140.99 23	PKP	PKPdf	01 22 31.0 +0.7
ZALV	Zalesovo Beam comp=Z,2.0nm,0.4s,baz=323,slow=2.2,SNR=8.0	140.99 23	PKP	PKPdf	01 22 39.8 +0.4
ZALV	Zalesovo Beam comp=Z,2.0nm,0.4s,baz=323,slow=2.2,SNR=8.0	140.99 23	PKPdf	PKPdf	01 22 30.3 -0.1
MKAR	Makanchi Arr comp=Z,7.7nm,0.8s,baz=325,slow=3.4,SNR=6.2	144.89 33	PKP	PKPab	01 22 36.6 -0.1
MKAR	Makanchi Arr comp=Z,7.7nm,0.8s,baz=325,slow=3.4,SNR=6.2	144.89 33	PKP	PKPab	01 22 37.5 +0.2
MKAR	Makanchi Arr comp=Z,7.7nm,0.8s,baz=325,slow=3.4,SNR=6.2	144.89 33	PKP	PKPab	01 22 46.1 0.0
MKAR	Makanchi Arr comp=Z,5.7nm,0.9s,baz=315,slow=2.6,SNR=11	145.06 33	PKP	PKPab	01 22 37.2 -0.1
MKAR	Makanchi Arr comp=Z,5.7nm,0.9s,baz=315,slow=2.6,SNR=11	145.06 33	PKP	PKPab	01 22 38.7 +0.4
MKAR	Makanchi Arr comp=Z,5.7nm,0.9s,baz=315,slow=2.6,SNR=11	145.06 33	PKP	PKPab	01 22 47.1 +0.1
MKAR	Makanchi Arr comp=Z,5.7nm,0.9s,baz=315,slow=2.6,SNR=11	145.06 33	PKP	PKPab	01 26 00.6 +3.6
KSH	Kashi comp=Z,7.6nm,4.0s	145.13 48	LR	LR	01 22 49.8 -0.5
KSH	Kashi comp=N,130nm,10.8s	145.13 48	LR	LR	01 22 49.8 -0.5
KSH	Kashi comp=N,130nm,10.8s	145.13 48	LR	LR	01 22 49.8 -0.5
USRK	Ussuriysk Ar. comp=Z,5.6nm,1.0s,baz=17,slow=2.6,SNR=8.9	149.25 327	PKP	PKIKP	01 22 49.8 -0.5
USRK	Ussuriysk Ar. comp=Z,5.6nm,1.0s,baz=17,slow=2.6,SNR=8.9	149.25 327	PKP	PKIKP	01 22 44.4 -0.5
USRK	Ussuriysk Ar. comp=Z,5.6nm,1.0s,baz=17,slow=2.6,SNR=8.9	149.25 327	PKP	PKIKP	01 22 49.0 -0.1
USRK	Ussuriysk Ar. comp=Z,5.6nm,1.0s,baz=17,slow=2.6,SNR=8.9	149.25 327	PKP	PKIKP	01 22 51.4 -0.4
MJAR	Matsushiro Arr comp=Z,4.3nm,0.7s,baz=97,slow=1.3,SNR=11	149.83 310	PKP	PKP	01 22 51.3 +0.5
MAT	Matsushiro comp=Z,4.3nm,0.7s,baz=97,slow=1.3,SNR=11	149.83 310	PKP	PKP	01 22 49.7 -0.4
WMQ	Urumqi comp=Z,4.3nm,0.7s,baz=97,slow=1.3,SNR=11	149.87 41	eP	PKP	01 22 49.7 -0.4
SJUI	Sorong comp=Z,4.3nm,0.7s,baz=97,slow=1.3,SNR=11	150.42 229	PKP	PKIKP	01 22 53.7 +0.1
HYB	Hyderabad comp=Z,4.3nm,0.7s,baz=97,slow=1.3,SNR=11	150.60 89	eP	PKP	01 22 53.0 -0.2
SOM	Songino Array comp=Z,2.6nm,0.7s,baz=294,slow=1.1,SNR=10	151.89 4	PKP	PKP	01 22 55.0 +0.2
SOM	Songino Array comp=Z,2.6nm,0.7s,baz=294,slow=1.1,SNR=10	151.89 4	PKP	PKP	01 22 55.3 -0.2
LZH	Lanzhou comp=Z,2.6nm,0.7s,baz=294,slow=1.1,SNR=10	163.00 16	ePKP	PKP	01 23 02.0 -1.3
LZH	Lanzhou comp=Z,2.6nm,0.7s,baz=294,slow=1.1,SNR=10	163.00 16	ePKP	PKP	01 23 10.8 -1.5
LZH	Lanzhou comp=Z,2.6nm,0.7s,baz=294,slow=1.1,SNR=10	163.00 16	ePKP	PKP	01 23 10.8 -1.5
LZH	Lanzhou comp=Z,2.6nm,0.7s,baz=294,slow=1.1,SNR=10	163.00 16	ePKP	PKP	01 23 54.2 +1.5
LZH	Lanzhou comp=N,54nm,18.2s	163.00 16	LR	LR	

NEIC 08 01:53:09.1,20:37S;69:91W,h61km,Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr:0.92; Mw:0.00; Ms:0.93; Mo:0.25; Mb:0.04; Mw:0.49; Fault plane solution: Mo:1.08000e+15 Np1:0.89900e+15; S31.82000e+10,lambda:31000.00. NP2:0.1654500e+16,36000.00,lambda:7784000.00. Principal axes: T 1.0992, P1g72.0000, Azm47.0000; N -0.0389, P1g11.0000, Azm172.0000; P -1.0603, P1g15.0000, Azm264.0000;

MKAR Makanchi Array 145.25 34 PKPbc 02 12 38.6 -0.8
NEIC 08 01:59:12.3;2.1,31:83N;0.04:116:21W;0.04,h16km,6km, Error ellipse: s-maj=7.5km s-min=1.1km az=219.0
ECX 08 01:59:13.5;0.6,31:85N;116:19W,h10km,MD3.0,ML3.2
SCEDC 08 01:59:14.1,31:90N;116:21W,h8km, Error ellipse: s-maj=6.7km s-min=3.2km az=9.0
PAS 08 01:59:14.2,2.2,31:90N;0.02:116:21W;0.02,h6km,6km, ML3.2/154,ML3.2(ECX), Error ellipse: s-maj=3.2km s-min=1.9km az=213.0

U15A North Rim 5.60 34 Pn 02 00 36.3 +1.3
X18A Snowflake 5.88 61 Pn 02 00 40.2 +1.5
VIE 08 02:50:28.6;1.1,51:35N;16:09E,h0km,mb2.1/4,ml2/6/7, Error ellipse: s-maj=7.5km s-min=6.4km az=10.0 70 km WNW of Wroclaw Suspected Mining induced.
ISC 08 02:50:24.2;0.9,51:61N;0.04:16:14E;0.03,h0km,n30, c=08759,Poland

VAO 08 01:53:12.1;0.7,20:42S;69:60W,h90km,6km,mb4.0
ISC 08 01:53:08.0;0.7,20:37S;69:91W,h61km,6km,mb4.0, n69,r150/84,mb4.2,8C-6D,Northern Chile

MEX 08 01:59:16.0;1.1,32:01N;116:17W,h10km,5km,MD3.8
ANF 08 01:59:16.0;1.1,32:01N;116:17W,h28km,5km,ML2.9/15, Error ellipse: s-maj=6.7km s-min=3.2km az=9.0
ISC 08 01:59:12.3;2.1,31:84N;0.02:116:19W;0.02,h18km,6km,n78,c=0656/116,6C-2D,Baja California

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
KSP Ksiaz 0.78 173 Op Pn 02 50 39.5 +0.0
KSP Ksiaz 0.78 173 Op Pn 02 50 40.9 -0.1
CHVC Chvalec 1.03 183 eP Sg 02 50 44.3 +0.4
CHVC Chvalec 1.03 183 eP Sg 02 50 47.0 -0.2

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include TA01 Diego Aracena, PATCX Punta Patache, PATCX Punta Patache.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, ESJX Sierra Juarez, CCX Cicese.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include OSTC Ostas, OSTC Ostas, UPC Upipe.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PATCX Punta Patache, PB11 IPOC Station P, PB11 IPOC Station P.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, CCX Cicese.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include DPC Dobruska-Polom, DPC Dobruska-Polom, PVCC Panska Ves.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PB11 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PVCC Panska Ves, PVCC Panska Ves, BRG Bergsiesshubel.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PB08 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include BRG Bergsiesshubel, BRG Bergsiesshubel, KRLC Kraiky.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PB01 IPOC Station P, PB01 IPOC Station P, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include KRLC Kraiky, KRLC Kraiky, PRU Pruhonice.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PRU Pruhonice, PRU Pruhonice, CLL Colim.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include CLL Colim, CLL Colim, CLL Colim.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include MOR Moravsky Berou, MOR Moravsky Berou, OKC Ostrava-Krasne.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include OKC Ostrava-Krasne, OKC Ostrava-Krasne, VRAC Vranov.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include VRAC Vranov, VRAC Vranov, TREK Trest.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include TREK Trest, TREK Trest, TREK Trest.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include MOR Moravsky Berou, MOR Moravsky Berou, OKC Ostrava-Krasne.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include OKC Ostrava-Krasne, OKC Ostrava-Krasne, VRAC Vranov.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include VRAC Vranov, VRAC Vranov, TREK Trest.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

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Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include MOR Moravsky Berou, MOR Moravsky Berou, OKC Ostrava-Krasne.

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Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include OKC Ostrava-Krasne, OKC Ostrava-Krasne, VRAC Vranov.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include VRAC Vranov, VRAC Vranov, TREK Trest.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include MOR Moravsky Berou, MOR Moravsky Berou, OKC Ostrava-Krasne.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include OKC Ostrava-Krasne, OKC Ostrava-Krasne, VRAC Vranov.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include ESJX Sierra Juarez, CCX Cicese, SVX San Vicente.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Rows include VRAC Vranov, VRAC Vranov, TREK Trest.

IDC 08 04:16:07.0.1.0.5:64S:153.24E:h0km,mb4.0/10, mb1.4/2.10,mb1mx3.9/46,mbtmp4.1/10,MS3.3/8, Ms1=3.3/8,ms1mx3.0/35,Error ellipse:s-maj=28.2km s-min=19.3km az=104.0

NEIC 08 04:16:10.9.1.2.5:57S:0.07:153.3E:0.1,h27km,9km, mb4.2/6,Error ellipse:s-maj=18.5km s-min=10.3km az=88.0

ISC 08 04:16:12.7.0.8.5:60S:0.07:153.3E:0.1,h43km,n29, #r10027,mb4.1/11,MS3.3/7,New Ireland region

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

PGC 08 04:25:49.5.1.0.5:126N:138.73W,h10km,MLSn4.0/3, Mw4.6/3,519km 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. Includes stations like Dawson Inlet, Moresby Island, Hot Springs, etc.

IDC 08 04:26:02.2.11.11N:91.32E,h0km,mb3.6/4, mb1.3/8.5,mb1mx3.4/53,mbtmp3.6/5,Error ellipse:s-maj=69.7km s-min=26.2km az=66.0,Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Diego Garcia H, etc.

NEIC 08 04:32:57.2.1.0.33:5S:0.1x179.3E:0.2,h21km,12km, mb4.1/5,Error ellipse:s-maj=23.2km s-min=19.0km az=51.0

IDC 08 04:33:02.8.6.3.33:70S:179.40E,h25km,56km,mb3.8/4, mb1.4/1.5,mb1mx3.7/30,mbtmp4.1/5,ML3.4/1,MS3.5/11, Ms1=3.5/11,ms1mx3.2/28,Error ellipse:s-maj=49.5km s-min=29.7km az=38.0

ISC 08 04:33:00.5.1.0.33:65S:10.179.2E:0.1,h35km,n23, #094/15,mb4.0/5,MS3.5/10,Source of Kermadec Islands

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

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

IDC 08 04:57:56.5.2.0.4:6N:126.41E,h0km,mb3.6/3, mb1.3/9.3,mb1mx3.6/42,mbtmp3.7/3,Error ellipse:s-maj=172.1km s-min=26.0km az=65.0

DJA 08 04:57:59.2.0.4.0:7N:6x12.6E:,h10km,M3.7/6,MLV3.7/6

ISC 08 04:57:58.1.4.0.3N:0.2:126.13E:0.10,h10km,n7, #r13077,mb3.7/3,Northern Molokai Sea

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

IDC 08 05:19:25.3.3.0.61:05N:168.56W,h0km,mb3.4/2, mb1.3/7.3,mb1mx3.3/28,mbtmp3.6/3,ML3.0/1,Error ellipse:s-maj=89.7km s-min=34.2km az=163.0

NEIC 08 05:19:27.1.4.6:1:10N:0:02:168.7W:0.1,h15km,6km, Error ellipse:s-maj=10.5km s-min=2.4km az=100.0

AEIC 08 05:19:28.2.3.1:09N:0:05:168.72W:0.09,h2km,7km, ML3.7/9,Error ellipse:s-maj=8.3km s-min=5.4km az=209.0

ISC 08 05:19:29.1.0.9.61:09N:0:05:168.69W:0.09,h35km,n18, #r10221,Bering Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Gambell, Nome, Saint Paul Isl, etc.

IDC 08 05:20:19.2.0.5.19:74S:70.62W,h0km,mb4.5/14, mb1.4/7.16,mb1mx4.6/21,mbtmp4.6/16,ML4.8/2,MS4.0/10, Ms1=4.0/10,ms1mx3.9/22,Error ellipse:s-maj=20.3km s-min=12.2km az=68.0

SJA 08 05:20:19.4.1.0.19:88S:70.95W,h20km,5km,ML4.9, Mw5.0

NEIC 08 05:20:21.7.1.7.19:90S:0:03:70.85W:0.02,h18km,3km, mb5.0/171,Mw4.8/45,Mw4.8,Error ellipse:s-maj=4.5km s-min=3.1km az=188.0

NEIC 08 05:20:21.7.19:90S:70.86W,h21km,Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr1:1.0; Mw:0.18; Mo:0.92; Mo0.31; Mw0.34; Mw:1.40; Fault plane solution: Mo:1.79000x10^16 NP1:165.332640000, 318.890000, 177.620000. NP2:165.700000, 81.570000, 194.200000. Principal axes: T 1.8250, Plg63.00000, Azm82.00000; N -0.0632, Plg4.00000, Azm344.00000; P -1.7618, Plg26.00000, Azm252.00000

GUC 08 05:20:23.0.0.0.19:90S:70.90W,h20km,MB5.49, Mw5.0

VAO 08 05:20:25.6.0.8.19:79S:70.59W,h49km,5km,mb4.9

NEIC 08 05:20:25.19:90S:70.86W,h20km,Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr1:6.4; Mw:0.03; Mw:1.61; Mw:0.49; Mw:0.66; Mw:1.12; Fault plane solution: Mo:2.14000x10^16 NP1:158.00000, 662.00000, 187.00000. NP2:343.00000, 628.00000, 195.00000. Principal axes: T 2.0275, Plg72.00000, Azm82.00000; N 0.2020, Plg2.00000, Azm159.00000; P 2.2295, Plg17.00000, Azm249.00000

GCMT 08 05:20:26.7.0.4.19:90S:0:03:71.14W:0.03,h28km,1km, Mw5.0/69,Moment Tensor Solution. s32:c34; s69:c39; Durations: 0 Moment tensor: Scale 10^16Nm; Mr2:89.19; Mw:0.33; Mw:2.56; Mw:0.53; Mw:0.70; Mw:0.88; Mw:1.86; Mw:1.7. Best double couple: Mo:3.42400x10^16 NP1:344.00000, 628.00000, 190.00000. NP2: 164.00000, 662.00000, 90.00000. Principal axes: T 3.4890, Plg73.00000, Azm74.00000; N -0.1280, Plg0.00000, Azm344.00000; P -3.3590, Plg17.00000, Azm254.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

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

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

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

ISC 08 05:20:27.1.2.19:89S:0:02:70.83W:0.05,h27km,8km, n633,1908/594,mb5.0/8,MS4.2/14,8C-4D,Near coast of northern Chile

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RUSC	La Rusia	25.71 355	eP	P	05 25 52.0 +0.4
JANB	Januaría	25.73 83	eP	P	05 25 49.3 -1.9
CBOC	Ciudad Bolívar	26.09 348	eP	P	05 25 55.2 +0.6
HELX	Santa Helena	26.32 349	eP	P	05 25 56.3 +0.6
PTBC	PUERTO BERRIO,	26.50 352	eP	P	05 25 56.3 -1.9
ELOV	Elorza	26.75 9	eP	P	05 26 00.9 +0.6
PAMC	Pamplona, Colo	27.12 356	eP	P	05 26 04.1 -0.1
DBBC	Dabeiba	27.25 348	eP	P	05 26 06.0 +1.0
ZARC	Zaragoza, Cauc	27.49 351	eP	P	05 26 05.8 -1.3
UREC	San Jos de Ur	27.85 350	eP	P	05 26 09.8 -0.5
SJMB	Sao João De Ma	27.99 93	eP	P	05 26 09.1 -2.4
SBFB	Barra de Sao F	28.29 9	eP	P	05 26 13.1 +1.1
SDV	Santo Domingo	28.59 0	P	P	05 26 15.7 -1.4
	comp=Z,6.9nm,0.7s,baz=181,slow=8.1,SNR=5.0				
SDV	Santo Domingo	28.59 0	eP	P	05 26 15.8 -1.2
SDV	Santo Domingo	28.59 0	eP	P	05 26 16.9 -0.1
SDV	Santo Domingo	28.59 0	eP	P	05 26 15.7 -1.4
SMLC	San Martín de	28.68 353	eP	P	05 26 15.1 -2.6
ARGC	Ariguaní, Magd	29.75 353	eP	P	05 26 23.3 -3.8
SJCC	San Jacinto, C	29.90 351	eP	P	05 26 27.7 -0.9
EFI	East Falkland	33.27 165	P	I Amb	05 26 57.5 -0.2
	comp=Z,3.7nm,1.5s				
NBLI	Livramento-PB	35.11 74	eP	P	05 27 13.1 -1.2
RCBR	Riachuelo	36.70 72	eP	P	05 27 27.4 -0.4
RCBR	Riachuelo	36.70 72	eP	P	05 27 26.6 -1.3
PDRP	Patillas Dam,	37.96 7	P	I Amb	05 27 35.9 -2.4
PDRP					05 27 37.2
GCPR	Guaynabo City	38.24 7	I Amb	I Amb	05 27 48.2
	comp=Z,2.8nm,0.8s				
TEIG	Tepeich	43.37 336	P	P	05 28 22.7 -0.3
Y51A	Loris	54.12 352	P	P	05 29 45.0 -0.4
GOGA	Godfrey	54.35 347	P	P	05 29 46.5 -0.7
	baz=165				
Y57A	Sumter	54.37 350	P	P	05 29 47.2 -0.1
	baz=169				
Y55A	Saluda	54.55 349	P	P	05 29 48.4 -0.1
	baz=167				
X60A	Albert Glenn T	54.59 353	P	P	05 29 48.7 -0.1
	baz=172				
X59A	McDuffie Farm,	54.66 352	P	P	05 29 49.4 +0.1
	baz=170				
X58A	Rowland	54.74 351	P	P	05 29 50.1 +0.2
	baz=170				
Z50A	Ashland	54.77 345	P	P	05 29 49.9 -0.3
	baz=163				
LRAL	Lakeview Retre	54.84 343	P	P	05 29 50.1 -0.6
	baz=161				
X56A	White Oak	54.90 350	P	P	05 29 51.3 -0.1
	baz=168				
BIRD	Birdtown, Kers	55.00 350	I Amb	I Amb	05 29 52.4
	comp=Z,1.9nm,0.9s				
X55A	Gracely & Aa	55.02 349	P	P	05 29 52.4 +0.5
	baz=168				
W58A	Raeoford	55.18 352	P	P	05 29 53.2 +0.1
	baz=170				
X54A	Belton	55.23 348	P	P	05 29 53.3 -0.2
	baz=167				
833A	Chaparral WMA,	55.31 329	P	P	05 29 54.2 0.0
	baz=147				
W57A	Gilead	55.42 351	P	P	05 29 54.9 +0.1
	baz=170				
W56A	Indian Trail	55.50 350	P	P	05 29 55.5 +0.2
	baz=169				
KM5C	Kings Mountain	55.63 350	P	P	05 29 56.4 +0.1
	baz=168				
W54A	Cherokee Point	55.72 349	P	P	05 29 57.0 0.0
	baz=167				
X51A	Calhoun	55.77 346	P	P	05 29 56.6 -0.7
	baz=164				
V59A	Middlesex	55.79 353	P	P	05 29 57.8 +0.3
	baz=172				
V58A	Windy Hill, Pi	55.93 352	P	P	05 29 58.6 +0.2
	baz=171				
V58A	Windy Hill, Pi	55.93 352	I Amb	I Amb	05 29 59.5
	comp=Z,2.7nm,1.1s				
V57A	Coltrane Farms	56.11 351	P	P	05 29 59.8 +0.1
	baz=170				
V56A	Mocksville	56.14 351	P	P	05 30 00.0 +0.1
	baz=168,SNR=5.2				
NATX	Nacogdoches	56.21 336	P	P	05 30 01.3 +0.8
	baz=153				
V55A	Taylorville	56.30 350	P	P	05 30 01.9 +0.8
	baz=168				
V59A	Littleton	56.32 353	P	P	05 30 01.6 +0.4
	baz=172				
V54A	Nebo	56.35 349	P	P	05 30 01.5 0.0
	baz=168				
U58A	Oxford	56.45 353	P	P	05 30 03.4 +1.2
	baz=171				
CPCT	Cooper Cave	56.54 347	I Amb	I Amb	05 30 03.3
	comp=Z,2.3nm,1.3s				
U7L	Blanch	56.59 352	P	P	05 30 03.7 +0.6
	baz=170				
TKLA	Tuckaleechee C	56.59 347	P	P	05 30 02.8 -0.4
	baz=170				
TKL					05 30 04.0
	comp=Z,3.2nm,1.4s				
V56A	King	56.65 351	P	P	05 30 03.9 +0.3
	baz=169				
V52A	Sevierville	56.73 348	P	P	05 30 03.8 -0.4
	baz=169				
V52A					05 30 04.5
Z41A	Richard Creek	56.86 338	P	P	05 30 05.6 +0.5
	baz=155				
T59A	Double "B" Far	56.91 354	P	P	05 30 05.7 +0.4
	baz=172				
U55A	T2, Sparta	56.91 350	P	P	05 30 05.7 +0.2
	baz=165				
OXF	Oxford	56.91 342	P	P	05 30 05.0 -0.5
	baz=159				
PLAL	Pickwick Lake	56.97 343	I Amb	I Amb	05 30 05.6
	comp=Z,1.0nm,1.1s				
T58A	Grand View Acr	56.99 353	P	P	05 30 06.3 +0.3
	baz=171				
T60A	Surry	56.99 354	P	P	05 30 06.3 +0.3
	baz=173				
U54A	Nelsons Funny	57.05 349	P	P	05 30 06.3 -0.3
	baz=168				
T57A	Hurt	57.13 352	P	P	05 30 07.2 +0.2
	baz=171				
T57A	Hurt	57.13 352	I Amb	I Amb	05 30 07.9
	comp=Z,1.4nm,1.0s				
T56A	Rocky Mt	57.27 351	P	P	05 30 08.6 +0.6
	baz=170				
JCT	Junction City	57.31 330	P	P	05 30 08.3 -0.2
	baz=147				
X43A	Marvell	57.37 340	P	P	05 30 08.6 -0.1
	baz=158				
T55A	Pulaski	57.47 351	P	P	05 30 09.7 +0.3
	baz=169				
T54A	Tazewell	57.54 350	P	P	05 30 09.8 -0.2
	baz=168				
S60A	Water View	57.54 355	P	P	05 30 10.2 +0.3
	baz=174				
WHTX	Lake Whitney,	57.55 333	P	P	05 30 09.9 -0.2
	baz=150				
CLTN	Cedars of Liba	57.57 345	I Amb	I Amb	05 30 11.8
	comp=Z,1.9nm,1.4s				
S58A	Poland Farm, P	57.59 353	P	P	05 30 10.5 +0.2
	baz=172				
T53A	Wise	57.63 349	P	P	05 30 10.3 -0.3
	baz=167				
S59A	Mechanicsville	57.66 354	P	P	05 30 10.8 +0.1
	baz=173				
S56A	Natural Bridge	57.84 352	P	P	05 30 11.9 -0.2
	baz=170				
U49A	Red Boiling Sp	57.85 346	P	I Amb	05 30 11.2 -0.9
	comp=Z,9.6nm,1.1s				05 30 12.9
T51A	Gray	57.88 348	P	P	05 30 11.6 -0.7
	baz=166				
R58B	Mineral	57.92 353	P	P	05 30 12.6 +0.1
	baz=172				
WVT	Waverly	57.99 344	P	P	05 30 11.8 -1.2
	baz=161				
WVT	Waverly	57.99 344	P	P	05 30 12.1 -0.9
	baz=161				
	comp=Z,1.0nm,0.9s				
S55A	Lewisburg	58.07 351	P	P	05 30 13.5 -0.1
	baz=169				
R59A	King George, V	58.08 354	P	P	05 30 13.9 +0.3
	baz=173				
T50A	Nancy	58.12 347	P	P	05 30 12.9 -1.1
	baz=164				
S54A	Dingess, Beckl	58.22 350	P	P	05 30 14.1 -0.6
	baz=168				
S53A	Williamson	58.24 349	P	P	05 30 14.1 -0.7
	baz=168				
R58A	Rapids	58.27 353	P	P	05 30 15.2 +0.3
	baz=172				
TXAR	Lajitas Array	58.29 326	P	P	05 30 15.5 +0.1
	comp=Z,1.8nm,0.6s,baz=150,slow=8.5,SNR=2.6				
TXAR					05 52 42.7
	comp=Z,6.2nm,20.2s,baz=0.0,slow=5.3				
TXAR	Lajitas Array	58.29 326	P	P	05 30 16.0 +0.5
	baz=172				
TX31	Lajitas Ar. Si	58.29 326	P	P	05 30 15.9 +0.5
	comp=Z,8.8nm,0.8s				
TX32	Lajitas Array	58.29 326	P	I Amb	05 30 16.7
	baz=155,SNR=9.0				
MIAR	Mount Ida	58.30 338	P	P	05 30 16.0 +0.6
	comp=Z,1.1nm,0.8s				
MIAR	Mount Ida	58.30 338	I Amb	I Amb	05 30 16.2
R57A	Standardsville	58.32 353	P	P	05 30 15.7 +0.4
	baz=172				
T49A	Edmonton	58.36 346	P	P	05 30 14.7 -0.9
	baz=164,SNR=10				
W41B	Gary Mavity, V	58.41 339	P	P	05 30 15.4 -0.6
	baz=171				
R55A	Marlinton	58.51 351	P	P	05 30 17.2 +0.4
	baz=170				
R55A	Marlinton	58.51 351	P	I Amb	05 30 17.7 +0.9
	comp=Z,1.7nm,1.1s				
R54A	Victor	58.54 351	P	P	05 30 16.6 -0.3
	baz=169				
S50A	Richmond	58.66 347	P	P	05 30 17.1 -0.7
	baz=170				
Q58A	Fox Den Farm,	58.87 354	P	P	05 30 19.5 +0.4
	baz=172				
S49A	Springfield	58.95 347	P	P	05 30 18.9 -0.9
	baz=165				
W39A	Magazine	58.96 338	P	P	05 30 20.1 +0.3
	baz=155,SNR=6.7				
W39A	Magazine	58.96 338	I Amb	I Amb	05 30 20.7
	comp=Z,1.1nm,0.9s				
FCAR	Ozzie				

Table with columns for station ID, name, frequency, and other details. Includes stations like ACSO Alum Creek Sta, N56A West Decatur, 050A Cable, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like SADO Sadova, G65A Princeton, I47A Gladwin, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like FURC Furnace Creek, DUGD Dugway, AGMN Agassiz Nation, etc.

MOS 08:05:43.54: 1.3, 20:66S:70:87W, h10km, mb5.2/17, Error ellipse: s-maj=15.2km s-min=10.3km az=114.5 SJA 08:05:43.54: 1.2, 20:52S:70:67W, h10km, gm, ML4.7, MW4. GUC 08:05:43.55: 0.9, 20:54S:70:70W, h26km, 6km, ML4.8 NEIC 08:05:43.56: 5.0, 20:53S:70:60W, h17km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr1:1.80; Mw:0.35; Mw:1.44; Mw:0.09; Mw:0.60; Mw:0.20; Fault plane solution: Mo:1.77000x10^16 NP:1.9336, 400000; 641.370000, 190.240000; NP2:156.080000, 648.630000, 189.790000; Principal axes: T:1.8138, Plg86.0000; Azm64.0000; N: -0.0930, Plg0.0000; Azm156.0000; P: -1.7208, Plg4.0000; Azm246.0000; NEIC 08:05:43.56: 8.7, 20:58S:70:03W, h20km, 3km, mb5.0/89, Mw:8.4/5, ML4.8(GUC) Error ellipse: s-maj=7.6km s-min=4.2km az=67.0 BUJ 08:05:43.57: 0.0, 20:60S:70:60W, h19km, mb5.3/10, Ms5.4/8, Ms7.5/15

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVAR, FWXY, ULM, PPT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KBZ, BILL, H11S2, H11S1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MDH, ASHO, WEL, STKA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BLASJO, NORARS Array S, NORARS Subarra, etc.

VAO 08 07:01:15.3z-7.1, 20.54S:72.31W, h266km, 19km, mb3.8
NEIC 08 07:01:29.3z-1.9, 20.06S:0.03z-70.58W, 0.05, h209km, 6km, mb4.0/2, Mwr3.7/38, Error ellipse: s-maj=6.3km

NEIC 08 07:01:29.1z, 20.06S:70.57W, h28km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; M2:5.5; Mw=0.62; Mw-3.17; Mw-2.4; Mw-0.29; Mw-2.02; Fault plane solution: M3.76000*10^14 NP1:az=27.59N; b3.62, 92000*, 3.32, 72000*, 1.130, 39000*, NP2:az=161.78000*, b6.5, 92000*, 1.67, 18000*, Principal axes: T 3.7137, Plg62.0000*, Azm36.0000*, N 0.0991, Plg21.0000*, Azm172.0000*, P -3.8128, Plg18.0000*, Azm269.0000*

GUC 08 07:01:29.9z-0.7, 20.08S:70.52W, h34km, 8km, ML3.9
ISC 08 07:01:28.4z-1.3, 20.08S:0.03z-70.60W, 0.06, h29km, 12km, n34, c111/43, 1C-7D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DIEGO ARACENA, PISAGUA, PUNTA PATACHE, etc.

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

ROM 08 07:21:02.3z-0.3, 41.91N:0.010:16.08E, 0.01, h11km, ML2.5, Error ellipse: s-maj=1.1km s-min=0.5km az=210.0
ISC 08 07:21:02.6z-0.9, 41.90N:0.02:16.08E, 0.03, h18km, 7km, n32, c067/42, 1C-1D, Southern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MONTE S. ANGEL, SAN GIOVANNI R, MELANICO ??? S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PIEIA, ATVO, NARO, ATPI, BADI, etc.

NEIC 08 07:32:30.9z-2.0, 19.96S:0.03z-71.01W, 0.04, h13km, 3km, mb4.4/8, Mwr4.3/44, ML4.4(GUC), Error ellipse: s-maj=6.1km s-min=4.1, km az=113.0
GUC 08 07:32:30.2z-0.7, 19.93S:71.11W, h36km, 2km, ML4.4
NEIC 08 07:32:31.1z, 19.96S:71.10W, h16km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M1:1.96; Mw=0.47; Mw-2.43; Mw=0.72; Mw=0.72; Mw=1.83; Fault plane solution: M3.60000*10^15 NP1:az=159.97000*, b6.5, 61000*, 1.82, 97000*. NP2:az=356.60000*, b2.5, 32000*, 1.65, 11000*. Principal axes: T 2.7084, Plg69.0000*, Azm56.0000*, N 0.6111, Plg6.0000*, Azm163.0000*, P -3.3195, Plg20.0000*, Azm255.0000*

IDC 08 07:32:34.1z-1.1, 19.77S:70.76W, h26km, 4km, mb3.6/5, mb1 3.9/7, mb1mx3.7/23, mbtmt3.8/7, ML3.6/2, MS3.3/5, MS1 3.3/5, mb1mx3.0/22 Error ellipse: s-maj=35.7km s-min=24.7km az=28.0

VAO 08 07:32:36.0z-1.2, 20.01S:70.97W, h75km, 7km, mb4.3
ISC 08 07:32:31.9z-1.1, 19.96S:0.03z-70.96W, 0.05, h18km, 4km, n85, c138/86, 6C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PISAGUA, PUNTA PATACHE, DIEGO ARACENA, etc.

BP14	POC Station P	4.02 176	Pn	07 56 22.1	-2.6
GO02	Mina Guano	4.66 167	Pn	07 56 32.4	-1.0
LPZA	La Paz	4.94 30	Pn	07 56 43.7	+6.1
comp=E,5.1nm,0.3s,baz=217,slow=6.5,SNR=59					
GO04	Tololo Observa	9.53 180	Pn	07 57 40.2	-0.2
SIV	San Ignacio	10.24 65	Pn	07 57 50.1	+0.3
comp=E,4.5nm,0.3s,baz=270,slow=9.9,SNR=52					
SIV	LR			08 02 35.0	
comp=E,159nm,19.4s,baz=286,slow=42					
NNA	Nana	12.33 181	Pn	07 57 50.9	-1.0
ROC1	El Roble	12.33 181	Pn	07 58 18.7	+0.1
CPUP	Villa Florida	13.54 117	LR	08 04 31.1	
comp=E,5.7nm,19.6s,baz=302,slow=40					
CPUP	Villa Florida	13.54 117	Pn	07 58 35.0	+0.1
SAM1	Samuel	10.39 325	Pn	07 58 37.0	+0.2
SAM1	Samuel	13.67 67	Pn	07 58 36.3	+0.6
TRCB	Terra Rica	16.94 101	eP	07 59 20.5	+0.6
CLDB	Colider	17.29 58	eP	07 59 22.4	-1.9
CPBS	Cacapava Do Su	18.18 126	eP	07 59 38.3	+0.8
ARAG	Araguiana, MT	18.60 78	eP	07 59 39.4	-0.6
GO06	Curarehue	18.93 182	P	07 59 42.8	-0.8
FRTB	Fatura	19.80 102	eP	07 59 53.7	+0.6
PLCA	Paso Flores	20.07 180	P	07 59 57.0	+1.0
comp=E,3.9nm,0.8s,baz=353,slow=15,SNR=7.0					
PLCA	Paso Flores	20.07 180	P	07 59 56.0	0.0
PLCA	Paso Flores	20.07 180	P	07 59 57.0	+1.0
BB19B	Bebedou	20.74 95	eP	08 00 05.2	-0.6
IPMB	Ipermeri, GO	21.39 87	eP	08 00 11.5	+0.1
RCLB	Rio Claro- Sao	21.64 99	eP	08 00 11.9	-1.2
BDFB	Brasilia	22.12 81	LR	08 10 24.3	
comp=E,241nm,18.9s,baz=283,slow=41					
BDFB	Brasilia	22.12 81	P	08 00 17.6	-0.7
BDFB			IAMB	08 02 23.4	
comp=Z,14nm,1.4s					
VAO	Vaiinhos	22.17 101	eP	08 00 20.1	+1.2
PTGA	Pitinga	22.37 29	P	08 00 19.3	-1.5
comp=Z,8.4nm,0.5s,baz=203,slow=16,SNR=15					
PTGA	Pitinga	22.37 29	P	08 00 19.0	-1.8
PTGA			IAMB	08 00 29.2	
comp=Z,21nm,1.1s					
PTGA	Pitinga	22.37 29	eP	08 00 21.0	+0.2
FLOC	Florencia	22.57 347	eP	08 00 33.3	-1.0
SOTA	Rioblanco	23.32 345	eP	08 00 39.8	+8.5
BSCB	Bom Sucesso	24.24 96	eP	08 00 39.8	+0.2
PRAC	Prado	24.51 350	eP	08 00 33.7	-8.2
ORTC	Ortega, Tolima	24.76 349	eP	08 00 45.4	+1.2
YOTC	Yotoco, Valle	25.05 347	eP	08 00 57.4	+5.4
VAS01	Vassouras-RJ	25.43 99	eP	08 00 51.0	+0.7
ROSC	El Rosal	25.53 352	LR	08 11 24.5	
comp=Z,114nm,19.6s,baz=78,slow=38					
ROSC	El Rosal	25.53 352	P	08 00 50.5	-1.1
ROSC			IAMB	08 01 01.7	
comp=Z,16nm,1.4s					
JANB	Januaría	25.71 82	eP	08 00 53.5	+0.6
RREF	El Recreo	25.75 349	eP	08 00 54.1	+2.2
GUVC	Guyana, Caidas	26.07 349	eP	08 00 57.7	+1.2
SPBC	San Pablo de B	26.30 352	eP	08 01 00.8	+1.0
RUSC	La Rusia	26.43 355	eP	08 01 00.8	+1.0
CBCC	Ciudad Bolívar	26.81 348	eP	08 01 07.3	+4.4
RCBR	Riachuelo	36.82 71	P	08 02 30.2	-0.5
RCBR			IAMB	08 02 32.2	
comp=Z,7.3nm,0.8s					
W57A	Gilead	56.14 351	P	08 05 01.0	-0.7
WLAR	White Oak Lake	58.06 338	P	08 05 15.3	-0.0
TXAR	Lajitas Array	58.54 326	P	08 05 22.2	+0.4
comp=Z,0.2nm,0.8s,baz=162,slow=6.6,SNR=3.2					
TXAR			P	08 05 30.5	+1.2
comp=Z,0.4nm,0.7s,baz=145,slow=6.5,SNR=5.1					
TXAR	Lajitas Array	58.54 326	P	08 05 21.7	-0.1
VNA3	Neumayer Olymp	61.47 161	P	08 05 39.6	+1.2
S39A	Bolivar	61.76 340	P	08 05 40.3	-0.5
S39A			IAMB	08 05 49.4	
comp=Z,3.5nm,0.8s					
VNA2	Neumayer-Watz	62.05 161	P	08 05 43.6	+1.2
SNA4	Sanae	63.68 161	P	08 05 54.1	+0.8
SNA4	Sanae	63.68 161	P	08 05 53.5	+0.3
SNA4			IAMB	08 05 54.5	
comp=Z,2.3nm,0.8s					
NVAR	Mina Array Bay	73.76 323	P	08 06 58.5	+1.8
comp=Z,0.3nm,0.7s,baz=37,slow=23,SNR=3.8					
NVAR	Mina Array Bay	73.76 323	P	08 06 56.7	0.0
YKA	Yellowknife Ar	89.79 341	P	08 07 20.2	0.0
comp=Z,10.3nm,0.6s,baz=133,slow=5.3,SNR=11					
YKA			P	08 08 29.6	+1.4
comp=Z,0.7nm,0.7s,baz=137,slow=5.0,SNR=4.8					
H11S2	WAKE ISLAND Hy26.09	278	T	10 33 51.8	
H11S1	WAKE ISLAND Hy26.0	278	T	10 33 51.8	
comp=Z,102,slow=74,SNR=61					
H11S3	WAKE ISLAND Hy26.11	278	T	10 33 21.7	
comp=Z,102,slow=74,SNR=61					
H11N3	WAKE ISLAND Hy26.15	280	T	10 33 41.0	
comp=Z,102,slow=75,SNR=26					
H11N2	WAKE ISLAND Hy26.19	280	T	10 33 25.3	
comp=Z,102,slow=75,SNR=26					
H11N1	WAKE ISLAND Hy26.17	280	T	10 33 31.0	
comp=Z,102,slow=75,SNR=24					
ASAR	Alice Springs	129.89 210	PKP	08 14 32.5	-0.1
comp=Z,0.2nm,0.6s,baz=113,slow=2.0,SNR=4.1					
MKAR	Makanchi Array	145.86 34	PKP	08 15 01.8	-0.2
comp=Z,2.6nm,0.8s,baz=317,slow=3.3,SNR=19					
MKAR			PKP	08 15 10.4	+1.3
comp=Z,1.0nm,0.6s,baz=337,slow=2.7,SNR=6.4					
MKAR	Makanchi Array	145.86 34	PKP	08 15 01.6	-0.3
LZH	Lanzhou	165.85 16	ePKP	08 15 24.3	+1.3
LZH			PKP	08 15 29.4	-4.6
LZH			SPKP	08 15 31.2	
LZH			PKP	08 16 18.6	+0.4
comp=N,49nm,18.1s					
LZH			LR	08 16 18.6	+0.4
comp=E,52nm,17.9s					
LZH			LR		
comp=Z,68nm,20.2s					

ISK 08 08:01:13.3, 37.97N, 42.74E, h1km, ML3.5/13
 DDA 08 08:01:14.1, 37.98N, 42.73E, h9km, 2km, MW3.5
 ISC 08 08:01:14.1, 1.1, 37.98N, 0.02, 42.74E, 0.02, h7km, 10km,
 n40, 0.095/56, Turkey

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
AKDM	Akadmar-Van	0.40 28	Op	08 01 23.3	+0.3
AKDM			SG	08 01 28.9	-1.1
GEVA	Gevas	0.42 37	iP	08 01 22.1	-0.2
GEVA			iS	08 01 28.6	+0.7
GEVA			IAML	08 01 32.0	
SIRT	Sirnak	0.53 207	PG	08 01 24.6	+0.2
SIRT			SG	08 01 32.8	-0.9
SIRN	Sirnak	0.54 209	iP	08 01 25.6	-0.4
SIRN			iS	08 01 33.1	-1.0
SIRN			IAML	08 01 36.0	
SRTM	Siirt_Merkez	0.65 272	iP	08 01 26.7	+0.1
SRTM			IAML	08 01 49.0	
comp=Z,809nm,0.6s					
BLIS	Bitlis-Merkez	0.66 312	iP	08 01 26.4	-0.5
BLIS			iS	08 01 36.6	-0.9
BLIS			IAML	08 01 38.0	
comp=Z,11m,0.7s					
TVAN	Van	0.76 43	iP	08 01 28.7	-0.1
TVAN			IAML	08 01 54.0	
comp=Z,396nm,0.6s					
GURO	Guroymak-BITLI	0.80 316	PG	08 01 29.4	-0.1
GURO			SG	08 01 41.8	+0.3
VANU	Van	0.80 39	PG	08 01 28.9	-0.7
HAKT	HAKKARI	0.87 118	iP	08 01 31.6	-0.2
HAKT			iS	08 01 45.9	-0.3
HAKT			IAML	08 01 49.0	
comp=Z,313nm,0.4s					
CUKT	Cukurca	1.00 136	PG	08 01 33.2	-0.1
CUKT	Cukurca	1.00 136	iP	08 01 32.7	-0.6
CUKT			IAML	08 01 59.0	
comp=Z,461nm,0.6s					
BTMN	Batman	1.17 266	iP	08 01 37.4	+0.5
BTMN			iS	08 01 54.2	+1.1
BTMN			IAML	08 01 59.0	
comp=Z,646nm,0.6s					
VMUR	Van-Muradiye	1.20 33	iP	08 01 37.5	-0.1
VMUR			IAML	08 02 05.0	
comp=Z,222nm,0.8s					
MUSM	Mu-Merkez	1.22 308	iP	08 01 36.8	-0.8

MUSM			iS	Sb	08 01 53.8	+0.2
MUSM			IAML		08 02 00.0	
comp=Z,193nm,0.4s						
SVAN	Silvan-Diyarba	1.23 279	PN	08 01 37.8	0.0	
SVAN			SN	08 01 55.8	+1.2	
SVAN	Silvan-Diyarba	1.23 279	iP	08 01 37.8	0.0	
SVAN			iS	08 01 55.4	+0.8	
SVAN			IAML	08 02 02.0		
comp=Z,265nm,0.4s						
YOVA	Hakkari_Ykse	1.29 107	iP	08 01 38.7	-0.1	
EKAR	Karacaban	1.38 338	iP	08 01 40.4	-0.2	
EKAR			IAML	08 02 12.0		
comp=Z,303nm,0.7s						
CLDR	Caldiran	1.49 38	PN	08 01 42.3	-0.3	
CLDR	Caldiran	1.49 38	iP	08 01 44.1	+1.4	
VRTB	Varto-Mus	1.55 320	PN	08 01 42.2	-0.1	
VRTB	Varto-Mus	1.55 320	iP	08 01 42.2	-0.1	
VRTB			IAML	08 02 32.0		
comp=Z,254nm,0.9s						
BNGL	BINGOL	1.58 308	iP	08 01 45.4	+0.9	
BNGL			iS	08 02 07.1	+2.0	
AGRB	Hanur-Agry	1.61 7	PN	08 01 43.9	-0.4	
MARD	Mardin	1.69 248	iP	08 01 45.0	-0.6	
MARD			iS	08 02 07.9	-0.6	
MARD			IAML	08 02 11.0		
comp=Z,790nm,0.6s						
KARO	Karlowa-Bingo	1.88 316	PN	08 01 47.7	-1.1	
MAZI	Mazidag	1.89 255	PN	08 01 47.8	-1.2	
EATA	Elesikir	1.89 354	iP	08 01 49.2	-0.9	
EATA			iS	08 01 59.9	+0.9	
HANI	Diyarbakir_Han	1.90 284	iP	08 01 47.4	+0.4	
HANI			iS	08 01 42.8	-0.4	
HANI			Sb	08 02 27.0		
comp=Z,185nm,0.5s						
BNGB	Bingl	1.91 303	PN	08 01 48.2	-1.1	
DIVA	Diyarbakir	2.07 269	iP	08 01 49.4	+0.1	
DIVA			iS	08 01 47.7	-0.8	
DIVA			IAML	08 02 31.0		
comp=Z,150nm,0.6s						
KOPR	Koprucuk-ERZUR	2.13 341	PN	08 01 51.3	+1.1	
VEDI	Yedisu-Bingol	2.25 311	PN	08 01 53.1	+1.1	
KOPT	Kop Dagl	2.69 320	iP	08 02 05.4	-0.2	
TNCL	Tuncel-Merkez	2.75 295	iP	08 02 01.9	-1.9	
TNCL			IAML	08 02 52.0		
comp=Z,42nm,0.6s						
ELZG	Elazig	3.00 281	iP	08 02 03.0	+0.7	
ELZG			IAML	08 03 08.0		
comp=Z,32nm,0.5s						
DBAD	Bademkaya	3.14 345	iP	08 02 07.5	-2.9	
DAGI	Agillar	3.16 349	iP	08 02 08.5	-2.2	
SURC	SANLIURFA_SURC	3.46 253	iP	08 02 10.1	+1.7	

NCC 08 09:03:52.5, 6.6, 38.09N, 72.37E, h0km, mb3.9, mpv3.5,
 4C-2D, Error ellipse: s-maj=50.7km s-min=40.0km

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
AML	Almayashu	4.17 14	Op	08 53 39.1	+1.4
UCH	Uchter	4.45 21	P	08 53 42.8	+1.1
KZA	Kyzart	4.56 28	P	08 53 43.9	+0.8
EKSZ	Ekriz-Say	4.70 13	P	08 53 46.6	+1.8
AAK	Ala-Archa	4.83 19	P	08 53 47.9	+1.3
AAK	Ala-Archa	5.0m,0.5s	PN	08 53 47.5	+0.9
AAK			iS	08 54 46.2	+2.9
KK31	Karant Array	5.21 345	iP	08 53 51.0	-0.7
KK31			iS	08 54 53.6	+1.2
TKM2	Tokmak 2	5.42 26	iP	08 53 54.8	0.0
TKM2			iS	08 54 56.5	-1.5
TKM2			iS	08 54 56.5	-1.5

ISC 08 09:03:15.8, 3.5, 6.7S: 153.27E, h0km, mb3.8/4,
 mb1 4/1.4, mb1mx3/7.35, mbmp3.9/4, MS3.0/1, Ms1 3.0/1,
 ms1mx4.4/2, Error ellipse: s-maj=63.0km s-min=24.3km
 az=94.0

NEIC 08 09:03:22.7, 1.0, 5.66S: 0.10, 153.03E, 0.07, h35km, 2km,
 mb4, 1/7, Error ellipse: s-maj=19.7km s-min=5.2km
 az=145.0

ISC 08 09:03:22.1, 1.7, 5.75S: 0.1, 153.1E, 0.03, h37km, n15,
 0.64/16, mb3.8/8, New Ireland region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
KRVT	Keravat (AS076)	1.73 322	Op	09 03 49.5	-0.6
KRVT					

TUL1	Leonard	18.08	358	P	Pn	09 12 24.9	+1.0
TUL1	comp-Z,43nm,0.8s			I	Amb	09 12 39.5	
W45A	Hickory Valley	18.09	16	P	Pn	09 12 25.9	+1.9
W45A	comp-Z,37nm,1.1s			I	Amb	09 12 26.8	
X48A	Hartselle	18.09	22	P	Pn	09 12 25.8	+1.8
255A	Hazlehurst	18.11	37	P	Pn	09 12 24.9	+0.6
FCAR	Ozark Folk Cen	18.24	8	P	Pn	09 12 27.1	+1.3
PLAL	Pickwick Lake	18.24	19	P	Pn	09 12 27.1	+1.4
154A	Montrose	18.29	34	P	Pn	09 12 28.2	+1.8
HHAR	Hobbs	18.47	3	P	Pn	09 12 29.4	+0.8
HHAR	comp-Z,14nm,0.6s			I	Amb	09 12 35.9	
LCAR	Lake Charles	18.55	10	P	Pn	09 12 30.1	+0.5
U38A	Gravette	18.61	2	P	Pn	09 12 31.4	+1.1
U38A	comp-Z,17nm,0.6s			I	Amb	09 12 47.0	
U40A	Yellville	18.62	6	P	Pn	09 12 30.3	-0.1
U40A	Yellville	18.62	6	P	Pn	09 12 30.6	+0.3
121A	Cookes Peak, D	18.66	324	P	Pn	09 12 31.3	+0.3
121A	Cookes Peak, D	18.66	324	P	Pn	09 12 32.3	+1.3
121A	comp-Z,24nm,1.0s			I	Amb	09 12 33.2	
319A	Douglas	18.71	319	P	Pn	09 12 31.3	-0.3
319A	comp-Z,21nm,0.7s			I	Amb	09 12 33.5	
GOGA	Godfrey	18.73	32	P	P	09 12 30.7	-0.1
GOGA	Godfrey	18.73	32	I	Amb	09 12 35.3	
Y52A	Liburn	18.81	29	P	P	09 12 31.4	-0.4
Y52A	Liburn	18.81	29	I	Amb	09 12 36.8	
U32A	Winter Ranch,	18.87	350	I	Amb	09 12 51.5	
U32A	comp-Z,26nm,0.9s			I	Amb		
SWET	Swanew	19.18	23	P	Pn	09 12 36.2	+0.3
V48A	Smith Brothers	19.23	21	P	Pn	09 12 40.1	+1.2
WVT	Waverly	19.38	18	P	Pn	09 12 39.2	-0.2
WVT	Waverly	19.38	18	P	Pn	09 12 38.1	+0.2
W50A	Signal Mountai	19.41	25	P	P	09 12 37.9	-0.4
W50A	comp-Z,22nm,0.8s			I	Amb	09 12 43.3	
Y22D	IRIS PASSCAL I	19.41	329	P	Pn	09 12 39.8	-0.2
Y22D	IRIS PASSCAL I	19.41	329	I	Amb	09 12 43.3	
X53A	Estanolee	19.70	30	P	P	09 12 42.1	+0.7
X53A	Albuquerque	19.70	30	P	Pn	09 12 45.2	-0.7
ANMO	Albuquerque	19.90	331	P	Pn	09 12 45.4	-0.5
ANMO	Albuquerque	19.90	331	P	Pn	09 12 44.7	+1.0
ANMO	Albuquerque	19.91	4	I	Amb	09 12 55.7	
ANMO	Bolivar	19.91	4	I	Amb	09 12 55.7	
CPCT	Cooper Cave	19.94	26	P	Pn	09 12 46.6	+0.4
Y55A	Saluda	19.97	34	P	Pn	09 12 46.0	-0.5
HODGE	Hodges	19.99	32	P	Pn	09 12 46.8	+0.1
HODGE	comp-Z,23nm,1.0s			I	Amb	09 12 50.0	
X54A	Beltov	20.18	32	P	P	09 12 47.0	+0.3
BG3	Lake Jocassee	20.27	30	P	Pn	09 12 48.9	-1.1
TUC	Tucson	20.28	319	P	Pn	09 12 49.2	-1.1
TUC	Tucson	20.28	319	P	Pn	09 12 49.5	-0.8
TUC	comp-Z,18nm,1.0s			I	Amb	09 12 53.3	
V51A	Loudon	20.32	26	I	Amb	09 12 53.3	
T47A	Sharon Grove	20.39	19	I	Amb	09 12 54.0	
U49A	Red Boiling Sp	20.39	22	P	Pn	09 12 51.0	+0.1
U49A	comp-Z,18nm,0.9s			I	Amb	09 12 53.6	
TKL	Tuckaleehee C	20.44	27	P	Pn	09 12 51.7	-0.4
TKL	Tuckaleehee C	20.44	27	P	Pn	09 12 50.9	-1.1
TKL	comp-Z,13nm,0.8s			I	Amb	09 12 55.7	
CCM	Cathedral Cave	20.49	9	P	P	09 12 49.8	-0.2
CCM	Cathedral Cave	20.49	9	P	P	09 12 51.0	+1.0
S44A	Carbondale	20.49	13	P	P	09 12 50.0	0.0
S44A	comp-Z,37nm,1.4s			I	Amb	09 12 56.8	
X55A	Gracelyn & Ava	20.50	33	P	P	09 12 49.4	-0.8
SIUC	Southern Illin	20.52	13	P	P	09 12 51.6	+1.2
SIUC	comp-Z,58nm,1.5s			I	Amb	09 12 56.5	
W54A	Cherokee Point	20.70	31	P	P	09 12 52.0	-0.4
R32A	Long Quarter,	20.83	352	P	Pn	09 12 55.8	-0.9
R32A	comp-Z,14nm,0.6s			I	Amb	09 13 07.3	
X56A	White Oak	20.84	34	P	P	09 12 53.9	+0.1
T25A	Trinidad	20.98	339	P	P	09 12 56.4	+0.8
T49A	Edmonton	21.01	22	P	P	09 12 55.1	-0.6
KMSC	Kings Mountain	21.18	33	P	P	09 12 57.2	-0.3
T50A	Nancy	21.19	23	P	P	09 12 58.0	+0.4
TZTN	Tazewell	21.29	26	P	P	09 13 00.4	+1.8
KSU1	Kansas State U	21.30	357	P	P	09 12 59.7	+0.9
X18A	Snowlflake	21.35	324	I	Amb	09 13 02.2	
214A	Organ Pipe Nat	21.39	315	P	P	09 13 01.0	+1.2
T51A	Gray	21.48	25	P	P	09 13 01.7	+1.0
S49A	Springfield	21.70	21	P	P	09 13 03.3	+0.2
Q44A	Meyer Farm, Va	21.71	13	I	Amb	09 13 21.5	
OLIL	Olney	21.75	15	P	P	09 13 06.3	+2.7
OLIL	comp-Z,21nm,0.8s			I	Amb	09 13 10.5	
WCI	Wyandotte Cave	21.78	19	P	P	09 13 04.3	+0.5
V55A	Taylorville	21.79	32	P	P	09 13 04.1	+0.1
V55A	Taylorville	21.79	32	P	P	09 13 07.2	+3.2
P40A	Paris	21.84	6	P	P	09 13 05.7	+1.2
W57A	Gilead	21.89	35	P	P	09 13 05.1	0.0
SDCO	Great Sand Dun	21.92	337	P	P	09 13 06.5	+0.8
SDCO	Richmond	21.93	23	P	P	09 13 06.1	+0.6
T52A	Hallie	22.00	26	P	P	09 13 06.4	+0.1
U54A	Nelsons Funny	22.04	29	P	P	09 13 06.9	+0.2
U54A	Nelsons Funny	22.04	29	I	Amb	09 13 26.8	
X16A	Lo Mia Camp, P	22.12	322	P	P	09 13 09.4	+1.6
X16A	comp-Z,10.0nm,0.8s			I	Amb	09 13 12.8	
V56A	Mocksville	22.13	33	P	P	09 13 07.4	-0.2
K5C0	Kaye Shedlock	22.17	344	P	P	09 13 08.3	+0.1
K5C0	Kaye Shedlock	22.17	344	P	P	09 13 10.4	+2.1
K5C0	comp-Z,14nm,0.8s			I	Amb	09 13 08.3	-0.1
R49A	Beattyville	22.20	21	P	P	09 13 08.4	+0.9
S51A	Beattyville	22.21	25	P	P	09 13 10.2	+0.6
P43A	Skaggs, Pawnee	22.32	11	P	P	09 13 10.2	+0.6
U55A	TAZ, Sparta	22.39	31	P	P	09 13 10.3	-0.3

S22A	4UR Ranch, Cre	22.43	335	P	P	09 13 11.6	+0.4
R50A	Paris	22.49	23	P	I	09 13 10.4	-1.1
R50A	comp-Z,21nm,0.9s			I	Amb	09 13 18.9	
113A	Mohawk Valley,	22.52	315	P	P	09 13 13.7	+1.8
V57A	Coltrane Farms	22.56	34	P	P	09 13 11.9	-0.4
Q48A	Northern Vern	22.60	19	P	P	09 13 13.1	+0.5
U56A	King	22.60	32	P	P	09 13 12.5	-0.3
X60A	Albert Glenn T	22.64	39	P	P	09 13 12.3	-0.8
MVCO	Mesa Verde	22.70	331	P	P	09 13 15.1	+1.1
MVCO	Mesa Verde	22.70	331	P	P	09 13 15.5	+1.4
MVCO	comp-Z,10nm,0.7s			I	Amb	09 13 17.8	
Y14A	Wickenburg	22.75	318	P	P	09 13 16.2	+1.8
Y14A	comp-Z,14nm,1.0s			I	Amb	09 13 16.6	
R51A	Hillsboro	22.78	24	P	P	09 13 14.1	-0.5
P46A	Rosedale	22.81	16	P	P	09 13 15.5	+0.7
P46A	comp-Z,22nm,1.1s			I	Amb	09 13 21.4	
WUJZ	Wupatki	22.86	324	P	P	09 13 16.9	+1.3
WUJZ	Wupatki	22.86	324	P	P	09 13 17.1	+1.5
N38A	Joess South For	23.00	4	P	P	09 13 17.1	+0.3
P48A	Milroy	23.18	19	P	P	09 13 18.7	+0.2
BLA	Blacksburg	23.26	31	P	P	09 13 19.6	+0.2
T56A	Rocky Mt	23.31	32	P	P	09 13 19.9	0.0
GLA	Glamis	23.41	314	P	P	09 13 21.2	+0.3
GLA	Glamis	23.41	314	P	P	09 13 22.2	+1.3
GLA	comp-Z,14nm,0.8s			I	Amb	09 13 23.8	
R53A	Hurricane	23.47	27	P	P	09 13 21.6	+0.2
PV01	Paradox Valley	23.49	332	P	P	09 13 23.9	+2.0
PV01	comp-Z,20nm,1.1s			I	Amb	09 13 25.3	
PV13	Radium Mtn., P	23.62	332	I	Amb	09 13 25.8	
PV02	Paradox Valley	23.63	332	I	Amb	09 13 25.9	
PV15	Paradox Valley	23.63	333	I	Amb	09 13 28.8	
PV05	Paradox Valley	23.68	332	I	Amb	09 13 27.6	
PDMC3	Parker Dam, Lak	23.71	318	P	P	09 13 25.0	+1.3
PV03	Paradox Valley	23.71	332	I	Amb	09 13 27.1	
SMCO	Snowmass	23.72	336	I	Amb	09 13 27.6	
PV18	Skein Mesa, Pa	23.73	332	I	Amb	09 13 27.4	
PV11	David Mesa, Pa	23.76	332	I	Amb	09 13 27.0	
R54A	Victor	23.77	28	P	P	09 13 24.6	+0.4
PV07	Paradox Valley	23.78	333	P	P	09 13 26.9	+2.4
PV07	comp-Z,25nm,1.1s			I	Amb	09 13 28.0	
PV17	East Wray Mesa	23.79	332	I	Amb	09 13 27.1	
ISCO	Idaho Springs	23.79	340	P	P	09 13 25.3	+0.6
ISCO	Idaho Springs	23.79	340	P	P	09 13 25.9	+1.2
PV16	Nyswonger Mesa	23.79	332	I	Amb	09 13 26.4	
PV19	Morning Glory	23.82	332	I	Amb	09 13 28.0	
PV20	West Nyswonger	23.84	332	I	Amb	09 13 27.6	
P50A	Jamesstown	23.86	22	P	P	09 13 25.1	+0.2
OGNE	Ogallala	23.87	347	P	P	09 13 25.6	+0.5
V60A	Jim Taylor Roa	23.88	38	P	P	09 13 24.4	-0.8
PV14	Lion Creek, Pa	23.89	332	I	Amb	09 13 28.7	
PV22	Blue Mesa, Par	23.92	333	I	Amb	09 13 29.7	
PV23	Carpenter Ridg	23.95	332	I	Amb	09 13 29.3	
O48A	Farmland	23.99	19	P	P	09 13 25.5	-0.7
PV21	Cone Mtn., Par	24.02	332	I	Amb	09 13 29.4	
U15A	North Rim	24.04	324	P	P	09 13 28.8	+1.8
PV09	Paradox Valley	24.04	332	P	P	09 13 29.3	+2.3
W13A	Hualapai Mount	24.06	320	P	P	09 13 28.3	+1.1
IKP	In-N-Pah, Jac	24.07	312	P	P	09 13 28.1	+0.9
BC3	Big Chuckawall	24.18	315	P	P	09 13 29.3	+1.2
O49A	Covington	24.19	20	P	P	09 13 26.9	-1.1
O49A	Covington	24.19	20	P	P	09 13 31.8	+3.7
IRM	Iron Mountain	24.27	316	P	P	09 13 29.8	+0.8
O50A	Cable	24.40	22	P	P	09 13 29.3	-0.6
N47A	Urbana	24.40	17	P	P	09 13 28.2	-1.7
MONP2	Monument Peak	24.42	312	P	P	09 13 31.4	+1.0
L40A	Anamosa	24.44	7	P	P	09 13 30.6	+0.4
BAR	Barrett	24.49	311	P	P	09 13 33.3	+2.4
BAR	comp-Z,13nm,1.4s			I	Amb	09 13 33.5	
N48A	Decatur	24.58	19	P	P	09 13 31.6	+0.1
ACSO	Alum Creek Sta	24.70	23	P	P	09 13 32.4	-0.3
BELC	Belle Mtn. Jos	24.75	315	P	P	09 13 34.4	+1.0
KNB	Knab	24.75	324	P	P	09 13 34.6	+1.2
XPFO	Pion Flat	24.84	314	P	P	09 13 36.9	

Table with columns: FFC, Flin Flon, 37.27 353, Iamb, Iamb, 09 15 23.4, etc. Includes stations like Eldon, B05A, NLWA, A04D, etc.

IDC 08 09:11:31.9.5.8, 17:71S:168.36E, h90km, 61km, mb4.0/7, mb1.4/2.8, mb13x3.6/40, mbtrp3.4/3, ML4.5/1, Error ellipse: s-maj=55.7km s-min=25.0km az=154.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC, h m s, ISC, etc. Includes stations like DZM, HNR, THZ, etc.

NIED 08 09:19:30.33.40N, 134.00E, h32km, Mw3.5, Best double couple: M2:16000.1014 NP1:3327.00000, A8:0.00000, A1:69.00000, NP2:58.00000, A7:89.00000, A6:0.00000, JMA 08 09:19:14.7, 33.38N, 133.98E, h27km, 1km, M3.7, 4C-3D

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC, h m s, ISC, etc. Includes stations like MRT2, JMR2, JMN, etc.

IDC 08 09:20:45.3.1.2, 6:83N-73:03W, h153km, 40km, mb3.0/3, mb1.3/5.5, mb1m3.1/35, mbtrp3.6/5, Error ellipse: s-maj=102.5km s-min=9.0km az=133.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC, h m s, ISC, etc. Includes stations like PAMC, RUSC, TAMC, etc.

PTGC 08 09:11:32.6.0.9, 17.72S:07:168.4E:0.1, h93km, n24, a1528/27, mb4.4/11, Vanuatu Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC, h m s, ISC, etc. Includes stations like RREF, CBOC, DDBB, etc.

GCG 08 09:27:49.9.0.3, 15:62N:92:40W, h35km, 99km, MD3.9, MEX 08 09:27:50.5.1.3, 14:53N:92:76W, h71km, 30km, MD3.7

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC, h m s, ISC, etc. Includes stations like THIG, STIG, PCIG, etc.

GCG 08 09:40:27.9.0.5, 13:25N:89:80W, h35km, 215km, MD3.9, UCR 08 09:40:27.2.1.5, 13:26N:89:79W, h34km, 3km, ML3.6

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC, h m s, ISC, etc. Includes stations like LALI, SBL, SNJE, etc.

GEN 08 09:46:54.8, 44:47N:6:69E, h7km, 2km, M10.8, LDG 08 09:46:54.9, 0.0, 44:47N:6:67E, h2km, M11.8/4, Error ellipse: s-maj=0.8km s-min=0.6km az=56.0, France

8d 10h

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Table with columns: WCI, comp=Z, 37nm, 1.1s, pmax, pmax, WCI, comp=Z, 2um, 19.0s, Wyandotte Cave, 60.23 346, P, P, 10 24 40.2 -0.6, WCI, Wyandotte Cave, 60.23 346, P, P, 10 24 41.0 +0.2, WCI, Wyandotte Cave, 60.23 346, IAMS_20, IAMS_20, 10 52 28.0, U40A, Yellville, 60.29 340, P, P, 10 24 41.0 -0.3, U40A, Yellville, 60.29 340, P, P, 10 24 40.4 -0.9, U40A, comp=Z, 34nm, 0.8s, IAMS_20, IAMS_20, 10 53 09.6, U40A, comp=Z, 1um, 20.0s, IAMS_20, IAMS_20, 10 53 55.0, USIN, University of comp=Z, 43nm, 1.1s, IAMS_20, IAMS_20, 10 24 46.2, USIN, comp=Z, 1um, 20.0s, IAMS_20, IAMS_20, 10 53 55.0, P55A, Reedsville, 60.33 352, P, P, 10 24 41.8 +0.4, T42A, Van Buren, 60.36 341, IAMS_20, IAMS_20, 10 53 06.5, Q51A, Peebles, 60.40 349, P, P, 10 24 42.9 +0.9, Q51A, Peebles, 60.40 349, IAMS_20, IAMS_20, 10 50 38.5, MVL, Millersville, 60.45 355, IAMB, IAMB, 10 24 48.8, MVL, comp=Z, 32nm, 1.0s, IAMS_20, IAMS_20, 10 54 57.7, S44A, Carbondale, 60.46 343, IAMS_20, IAMS_20, 10 50 16.1, SIUC, Southern Illin, 60.47 343, P, P, 10 24 40.5 -2.0, MCWV, Mont Chateau, 60.48 352, P, P, 10 24 43.7 +1.2, P54A, Burton, 60.51 351, P, P, 10 24 43.5 +0.8, P53A, Whipple, 60.52 351, P, P, 10 24 44.4 +1.6, P53A, Whipple, 60.52 351, IAMS_20, IAMS_20, 10 51 50.7, X34A, Smith Ranch, M, 60.54 335, P, P, 10 24 42.0 -1.0, HHAR, Hobbs, 60.59 339, P, P, 10 24 42.3 -1.0, HHAR, comp=Z, 44nm, 1.1s, 60.62 355, P, P, 10 24 44.8 +1.4, Q49A, Aurora, 60.68 347, P, P, 10 24 44.5 +0.6, Q60A, Telford, 60.70 356, P, P, 10 24 45.2 +1.3, PAGS, Pennsylvania G, 60.70 355, IAMS_20, IAMS_20, 10 55 06.5, O59A, Robesonia, 60.74 355, P, P, 10 24 45.0 +0.7, O57A, Ambersong, 60.77 354, P, P, 10 24 44.3 -0.2, Q48A, North Vernon, 60.78 347, P, P, 10 24 45.0 +0.4, P52A, Corning, 60.78 350, P, P, 10 24 45.1 +0.5, P51A, Williamsport, 60.79 349, P, P, 10 24 45.8 +1.2, P51A, Williamsport, 60.79 349, IAMS_20, IAMS_20, 10 50 59.9, U38A, Gravette, 60.88 338, IAMB, IAMB, 10 25 04.7, U38A, comp=Z, 28nm, 1.1s, IAMS_20, IAMS_20, 10 55 40.3, TUL1, Leonard, 60.91 337, P, P, 10 24 45.2 -0.3, TUL1, Leonard, 60.91 337, P, P, 10 24 43.8 -1.7, O56A, Blue Knob Stat, 60.92 353, P, P, 10 24 46.6 +1.0, O56A, Blue Knob Stat, 60.92 353, P, P, 10 24 45.5 -0.1, FNO, Franklin, 60.94 335, P, P, 10 24 44.8 -1.0, O55A, Ligonier, 60.95 353, P, P, 10 24 46.7 +0.9, BRNJ, Basking Ridge, 61.01 357, IAMS_20, IAMS_20, 10 54 03.6, WMOK, Wichita Mounta, 61.05 344, P, P, 10 24 47.1 +0.6, P50A, Jamestown, 61.05 349, P, P, 10 24 47.7 +1.3, O54A, Avella, 61.06 352, P, P, 10 24 47.9 +1.5, N61A, South Mountain, 61.07 357, P, P, 10 24 47.6 +1.2, OLIL, Olney, 61.14 345, P, P, 10 24 46.0 -1.0, OLIL, comp=Z, 2um, 18.0s, IAMS_20, IAMS_20, 10 53 25.1, P49A, Miami Univ. Ec, 61.15 348, P, P, 10 24 47.7 +0.6, BLO, Bloomington, 61.19 346, IAMS_20, IAMS_20, 10 50 54.3, O52A, Adamsville, 61.21 350, P, P, 10 24 48.4 +0.9, O52A, Adamsville, 61.21 350, IAMS_20, IAMS_20, 10 52 22.9, SSPA, Standing Stone, 61.22 354, P, P, 10 24 49.2 +1.7, SSPA, Standing Stone, 61.22 354, P, P, 10 24 44.6 -2.9, SSPA, comp=Z, 46nm, 1.1s, 61.23 356, P, P, 10 24 48.9 +1.3, P48A, Milroy, 61.23 347, P, P, 10 24 48.2 +0.6, P48A, Milroy, 61.23 347, IAMS_20, IAMS_20, 10 52 48.3, N63A, Mattituck, 61.24 359, P, P, 10 24 49.3 +1.8, O53A, New Philadelph, 61.24 351, P, P, 10 24 48.9 +1.2, PAL, Palisades, 61.30 357, P, P, 10 24 49.0 +1.0, PAL, Palisades, 61.30 357, IAMS_20, IAMS_20, 10 51 32.3, N57A, Milroy, 61.30 354, P, P, 10 24 49.3 +1.3, N58A, Sunbury, 61.31 355, P, P, 10 24 48.7 +0.6, N58A, Sunbury, 61.31 355, P, P, 10 24 46.9 -1.2, N58A, comp=Z, 48nm, 1.0s, IAMS_20, IAMS_20, 10 48 28.4, N59A, State Game Lan, 61.32 356, P, P, 10 24 49.1 +0.9, CCM, Cathedral Cave, 61.36 342, P, P, 10 24 47.7 -0.8, CCM, comp=Z, 44nm, 1.1s, MLR, MLR, CCM, Cathedral Cave, 61.36 342, P, P, 10 24 48.8 +0.3, CCM, Cathedral Cave, 61.36 342, IAMB, IAMB, 10 24 47.7 -0.8, CCM, Cathedral Cave, 61.36 342, IAMS_20, IAMS_20, 10 53 09.8, CCM, Cathedral Cave, 61.36 350, P, P, 10 24 49.2 +0.6, ODNJ, Ogdensburg, 61.41 357, IAMB, IAMB, 10 24 54.4, ODNJ, comp=Z, 1um, 18.0s, IAMS_20, IAMS_20, 10 55 20.2, N55A, Marion Center, 61.48 353, P, P, 10 24 50.2 +0.9, AC50, Alum Creek Sta, 61.51 349, P, P, 10 24 50.5 +1.0, AC50, Alum Creek Sta, 61.51 349, IAMB, IAMB, 10 24 58.2, AC50, comp=Z, 48nm, 1.1s, IAMS_20, IAMS_20, 10 54 58.8, Q44A, Meyer Farm, Va, 61.53 344, IAMB, IAMB, 10 25 06.3, Q44A, IAMS_20, IAMS_20, 10 52 43.5

Table with columns: N56A, comp=Z, 1um, 19.0s, West Decatur, 61.54 354, P, P, 10 24 50.6 +1.0, O50A, Cable, 61.54 349, P, P, 10 24 50.7 +1.0, Y0E, Yale, 61.57 358, IAMS_20, IAMS_20, 10 56 33.6, MNXX, Cornudas Mount, 61.59 327, P, P, 10 24 50.3 0.0, MNXX, Cornudas Mount, 61.59 327, IAMB, IAMB, 10 24 52.1, M61A, Granite Spring, 61.60 358, P, P, 10 24 50.8 +0.8, M63A, Gales Ferry, 61.64 359, P, P, 10 24 50.9 +0.6, M60A, Port Jervis, 61.66 357, P, P, 10 24 51.1 +0.6, S39A, Bolivar, 61.66 340, IAMS_20, IAMS_20, 10 53 52.9, O49A, Covington, 61.71 348, P, P, 10 24 51.4 +0.6, O49A, Covington, 61.71 348, IAMB, IAMB, 10 25 21.3, N53A, Lisbon, 61.74 351, P, P, 10 24 51.6 +0.6, N53A, Lisbon, 61.74 351, IAMS_20, IAMS_20, 10 52 38.9, P46A, Rosedale, 61.77 346, IAMB, IAMB, 10 24 55.8, N54A, Moraine State, 61.78 352, P, P, 10 24 51.8 +0.5, N54A, Moraine State, 61.78 352, IAMS_20, IAMS_20, 10 54 39.4, VN1A, Neumayer-Stat, 61.79 160, P, P, 10 24 52.3 +1.3, M65A, Busby, Falmost, 61.79 0, IAMS_20, IAMS_20, 10 53 41.4, M58A, Price's Panora, 61.82 355, P, P, 10 24 51.4 -0.1, M57A, Sunshine Farm, 61.84 355, P, P, 10 24 52.4 +0.8, M57A, Sunshine Farm, 61.84 355, IAMS_20, IAMS_20, 10 49 21.6, M59A, Waymart, 61.92 356, P, P, 10 24 52.4 +0.2, O48A, Farmland, 61.94 348, P, P, 10 24 53.1 +0.8, KSPA, Keystone Colle, 61.95 356, P, P, 10 24 51.9 -0.6, KSPA, comp=Z, 1um, 19.0s, 62.06 349, P, P, 10 24 53.7 +0.5, N50A, Nevada, 62.07 337, P, P, 10 24 51.9 -1.4, T35A, Sooner Cattle, 62.07 337, IAMB, IAMB, 10 25 14.0, N51A, Ashland, 62.08 350, P, P, 10 24 53.4 +0.1, M56A, Emporium, 62.09 354, P, P, 10 24 53.8 +0.4, L63A, North Scituate, 62.10 359, P, P, 10 24 54.2 +0.8, M55A, Ridgway, 62.13 353, P, P, 10 24 54.0 +0.3, VN2A, Neumayer-Watz, 62.15 160, P, P, 10 24 54.3 +0.8, M57A, Muleshoe, 62.15 331, P, P, 10 24 53.7 -0.4, L64A, Middleborough, 62.16 0, P, P, 10 24 54.7 +0.9, EPT, El Paso, 62.23 326, IAMS_20, IAMS_20, 10 51 29.1, M54A, Oil Creek Stat, 62.27 353, P, P, 10 24 55.1 +0.5, L62A, Suffield, 62.28 358, P, P, 10 24 55.3 +0.6, L60A, Shokan, 62.30 357, P, P, 10 24 54.5 -0.3, M53A, WI Miller and, 62.34 352, P, P, 10 24 55.2 +0.2, P43A, Skaggs, Pawnee, 62.36 344, IAMS_20, IAMS_20, 10 55 48.3, N49A, Columbus Grove, 62.39 349, P, P, 10 24 55.4 0.0, N49A, Columbus Grove, 62.39 349, IAMS_20, IAMS_20, 10 53 14.2, AMTX, Amarillo, 62.42 332, P, P, 10 24 56.0 +0.1, AMTX, Amarillo, 62.42 332, IAMB, IAMB, 10 25 02.6, L58A, Harry Jones Me, 62.44 356, P, P, 10 24 56.5 +0.8, M51A, Elyria, 62.45 350, P, P, 10 24 56.0 +0.2, SFIN, Lafayette, 62.47 346, P, P, 10 24 56.7 +0.8, SFIN, Lafayette, 62.47 346, IAMB, IAMB, 10 25 03.1, SFIN, comp=Z, 27nm, 0.8s, IAMS_20, IAMS_20, 10 52 44.2, L61A, Hillsdale 1, H, 62.47 358, P, P, 10 24 56.7 +0.8, ALLY, Alegheny Colle, 62.47 352, IAMS_20, IAMS_20, 10 55 02.3, L57A, Andrews Acres, 62.48 355, P, P, 10 24 56.7 +0.7, N48A, Decatur, 62.49 348, P, P, 10 24 56.3 +0.2, M52A, Chesterland, 62.53 351, P, P, 10 24 56.5 +0.2, M52A, Chesterland, 62.53 351, IAMS_20, IAMS_20, 10 52 05.9, L59A, Walton, 62.54 357, P, P, 10 24 56.8 +0.4, L59A, Walton, 62.54 357, IAMS_20, IAMS_20, 10 56 04.1, U32A, Winter Ranch, 62.56 335, IAMB, IAMB, 10 25 15.2, BC3A, Boston College, 62.56 360, IAMS_20, IAMS_20, 10 55 16.8, BINY, Binghamton, 62.61 356, P, P, 10 24 57.4 +0.6, BINY, Binghamton, 62.61 356, IAMS_20, IAMS_20, 10 55 08.9, H51G, comp=Z, 1um, 19.0s, 62.64 321, IAMB, IAMB, 10 25 05.4, N47A, Urbana, 62.65 347, P, P, 10 24 57.3 +0.2, N47A, Urbana, 62.65 347, IAMB, IAMB, 10 25 13.7, N40A, Fremont, 62.66 350, P, P, 10 24 57.3 +0.2, M50A, Fremont, 62.66 350, IAMS_20, IAMS_20, 10 53 29.3, L56A, Greenwood, 62.67 354, P, P, 10 24 57.6 +0.3, L56A, Greenwood, 62.67 354, IAMB, IAMB, 10 25 03.6, L56A, comp=Z, 42nm, 1.0s, IAMS_20, IAMS_20, 10 56 29.6, L61B, Northampton, 62.70 358, P, P, 10 24 57.7 +0.3, HRV, Adam Dziewonsk, 62.74 359, P, P, 10 24 57.6 -0.1, HRV, comp=Z, 70nm, 1.0s, MLR, MLR, HRV, comp=Z, 90nm, 20.0s, 62.74 359, P, P, 10 24 58.2 +0.6, HRV, Adam Dziewonsk, 62.74 359, P, P, 10 24 57.6 -0.1, L53A, Girard, 62.79 352, P, P, 10 24 58.6 +0.5, L55A, Hinsdale, 62.80 354, P, P, 10 24 58.1 -0.1, M49A, Liberty Center, 62.89 349, P, P, 10 24 58.4 -0.3, K62A, Royalston, 62.91 359, P, P, 10 24 59.7 +1.0, ERPA, Erie, 62.92 352, P, P, 10 24 59.2 +0.3, K63A, Dunstable, 62.92 359, P, P, 10 24 59.4 +0.6, K61A, Williamstown, 62.94 358, P, P, 10 24 59.7 +0.7, L54A, Sincinville, 62.95 353, P, P, 10 24 59.5 +0.4

Table with columns: P40A, baz=171, SNR=6.5, Paris, 62.96 342, IAMB, IAMB, 10 25 04.5, P40A, comp=Z, 48nm, 1.2s, IAMS_20, IAMS_20, 10 53 46.2, TRY, Troy, 63.01 358, IAMS_20, IAMS_20, 10 54 20.6, M48A, Edgerton, 63.04 348, P, P, 10 24 60.0 +0.3, M48A, Edgerton, 63.04 348, IAMS_20, IAMS_20, 10 53 24.3, WVNY, West Valley, N, 63.04 354, P, P, 10 24 59.6 -0.2, M47A, Cromwell, 63.09 348, P, P, 10 25 00.3 +0.2, K59A, Cooperstown, 63.11 357, P, P, 10 25 00.8 +0.6, K58A, Earlville, 63.15 356, P, P, 10 25 01.2 +0.8, K58A, Earlville, 63.15 356, IAMS_20, IAMS_20, 10 55 23.2, HDIL, Hopedale, 63.16 344, P, P, 10 25 01.0 +0.4, HDIL, Hopedale, 63.16 344, P, P, 10 24 59.2 -1.3, K57A, Scipio Center, 63.17 355, P, P, 10 25 01.8 +1.2, K56A, Middlesex, 63.21 355, P, P, 10 25 01.8 +1.0, L50A, Kingsville, 63.25 350, P, P, 10 25 02.0 +1.0, K54A, Basiliko Farm, 63.25 354, P, P, 10 25 01.8 +0.7, K45A, Price Perry, 63.31 354, P, P, 10 25 01.8 +0.3, L48A, N Adams, 63.43 349, P, P, 10 25 02.3 0.0, 319A, Douglas, 63.43 324, IAMB, IAMB, 10 25 06.1, 319A, comp=Z, 28nm, 0.8s, IAMS_20, IAMS_20, 10 51 12.9, J62A, Henniker, 63.46 359, P, P, 10 25 04.3 +1.8, L49A, Milan, 63.47 349, P, P, 10 25 03.9 +1.3, P38A, Dawn, 63.50 341, P, P, 10 25 01.7 -1.0, P12A, comp=Z, 26nm, 0.9s, 63.50 325, P, P, 10 25 02.8 -0.4, 121A, Cookes Peak, D, 63.50 325, P, P, 10 25 03.5 +0.3, 121A, Cookes Peak, D, 63.50 325, IAMB, IAMB, 10 25 11.6, J60A, Lant Hill Farm, 63.52 358, P, P, 10 25 04.2 +1.4, J61A, Chester, 63.59 359, P, P, 10 25 05.5 +2.2, AAM, Ann Arbor, 63.64 349, IAMS_20, IAMS_20, 10 55 17.2, M44A, Midewin, Midew, 63.65 346, IAMS_20, IAMS_20, 10 52 54.4, K52A, Tilsburg, 63.66 352, P, P, 10 25 05.5 +1.7, K51A, Iona Station, 63.71 351, P, P, 10 25 05.7 +1.5, J58A, Remsen, 63.72 356, P, P, 10 25 05.2 +1.1, J58A, Remsen, 63.72 356, IAMB, IAMB, 10 25 33.2, J58A, comp=Z, 51nm, 1.6s, IAMS_20, IAMS_20, 10 54 09.3, J56A, Wolcott, 63.74 355, P, P, 10 25 05.4 +1.1, SNA, Sanae, 63.77 161, P, P, 10 25 05.0 +0.6, SNA, Sanae, 63.77 161, P, P, 10 25 04.9 +0.5, SNA, comp=Z, 110nm, 1.0s, 63.77 161, P, P, 10 25 04.9 +0.5, J59A, Plesco, 63.78 357, IAMS_20, IAMS_20, 10 55 45.0, J59A, Plesco, 63.78 357, IAMS_20, IAMS_20, 10 55 45.0, J57A, Williamstown, 63.81 356, P, P, 10 25 06.0 +1.2, J57A, Williamstown, 63.81 356, IAMB, IAMB, 10 25 10.8, J57A, Williamstown, 63.81 356, IAMS_20, IAMS_20, 10 56 47.8, J55A, comp=Z, 1um, 19.0s, 63.82 354, P, P, 10 25 06.0 +1.2, L46A, Eue Claire, 63.86 347, P, P, 10 25 06.8 +1.7, L46A, Eue Claire, 63.86 347, IAMS_20, IAMS_20, 10 54 06.6, J54A, Appleton, 63.90 354, P, P, 10 25 07.0 +1.6, K50A, Casco, 63.93 350, P, P, 10 25 06.6 +1.0, K50A, Casco, 63.93 350, IAMS_20, IAMS_20, 10 53 56.9, HNH, Hanover, 63.95 355, P, P, 10 25 06.5 +0.9, I58A, Old Forge, 64.03 357, P, P, 10 25 06.3 +0.1, KSU1, Kansas State U, 64.05 338, P, P, 10 25 06.5 +0.1, KSU1, Kansas State U, 64.05 338, IAMS_20, IAMS_20, 10 55 43.0, K49A, Clarkston, 64.07 350, P, P, 10 25 07.1 +0.6, I59A, Olmsteadville, 64.08 358, P, P, 10 25 07.6 +1.1, J52A, Paris, 64.08 352, P, P, 10 25 06.8 +0.2, I62A, Tamworth, 64.10 360, IAMS_20, IAMS_20, 10 56 10.5, I60A, Shoreham, 64.11 358, P, P, 10 25 07.8 +1.1, I64A, Boothbay, 64.16 1, P, P, 10 25 08.2 +1.2, I61A, Ororobo, Fair, 64.17 359, P, P, 10 25 08.1 +1.0, K48A, Perry, 64.21 349, P, P, 10 25 08.5 +1.1, R32A, Long Quarter, 64.22 336, IAMB, IAMB, 10 25 37.4, K47A, Vermontville, 64.24 348, P, P, 10 25 08.4 +0.8, Y22D, IRIS PASSCAL I, 64.26 327, IAMB, IAMB, 10 26 23.9, NCB, Newcomb, 64.27 357, IAMB, IAMB, 10 25 14.2, NCB, comp=Z, 45nm, 1.4s, IAMS_20, IAMS_20, 10 55 38.1, I63A, Otisfield, 64.28 0, P, P, 10 25 08.6 +0.8, I57A, Carthage, 64.32 356, P, P, 10 25 09.6 +1.5, L44A, Lake County Fo, 64.37 346, IAMS_20, IAMS_20, 10 54 02.5, K46A, Dorr, 64.40 348, P, P, 10 25 09.9 +1.2, PECO, Prince Edward, 64.41 355, P, IAMB, IAMB, 10 25 07.7 -1.0, PECO, comp=Z, 51nm, 1.2s, IAMB, IAMB, 10 25 14.7, LBNH, Lisbon, 64.47 359, P, P, 10 25 10.5 +1.4, J49A, Marlette, 64.58 350, P, P, 10 25 10.7 +0.9, L42A, Oliver, Polo, 64.62 345, IAMS_20, IAMS_20, 10 55 31.2, J48A, Bridge Port, 64.63 350, P, P, 10 25 11.1 +1.0, J48A, Bridge Port, 64.63 350, IAMB, IAMB, 10 25 15.1, I51A, Listowel, 64.71 352, P, P, 10 25 11.5 +0.9, ANMO, Albuquerque, 64.72 328, P, P, 10 25 12.4 +1.2, ANMO, comp=Z, 44nm, 2.0s, 64.72 328, P, P, 10 25 11.7 +0.6, ANMO, Albuquerque, 64.72 328, P, P, 10 25 11.7 +0.6, H58A, Gabriels, 64.72 357, P, P, 10 25 11.5 +0.8, I55A, Frankford, 64.75 355, P, P, 10 25 11.5 +0.6, J47A, Sumner, 64.75 349, P, P, 10 25 11.6 +0.6, J47A, Sumner, 64.75 349, P, P, 10 25 11.6 +0.6, H61A, Lyndonville, 64.77 359, P, P, 10 25 12.2 +1.1

Table with columns: Call ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like H60A Morristown, H57A Richville, H63A New Sharon, etc.

Table with columns: Call ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like H43A Windswept, W18A Petrified Fore, W18A Petrified Fore, etc.

Table with columns: Call ID, Name, Frequency, Power, Mode, and other parameters. Includes entries like PV01 comp=Z,995nm,1.8s, IKP In-Ko-Pah, JAC, PDMCI Parker Dam, Lak, etc.

Mt 1.0, 4.0, 2.0, 1.0, 3.0, 3.0, Error ellipse: s-maj=29.4km s-min=17.2km az=119.0 NEIC 08 11:18:06.8-1.5, 5.5, 0.03:153.22E:0.09, h36km, 7km, mb4.5/24, Error ellipse: s-maj=12.8km s-min=3.2km az=81.0

1579/116, 29C-20D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Rabaul, Keravat, Port Moresby, Pohnpei, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kajisay, Ulahol, Kyzart, Przheval'sk, etc.

Table with columns: CHMS, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chumysh, Almayashu, Karabastau, etc.

NNC 08 11:23:04.8-4.8, 38.20N:72.08E, h0km, mb3.9, mpv3.4, 4C-1D, Error ellipse: s-maj=36.4km s-min=28.8km az=175.0, Tajikistan

IDC 08 12:39:21.4-5.0, 14.58S:167.24E, h126km, 42km, mb3.5/5, mb1.3/76, mb1mx3.3/43, mbtrmp3.9/6, Error ellipse: s-maj=33.5km s-min=30.7km az=29.0

NEIC 08 12:39:24.2-0.9, 14.66S:167.3E:0.2, h146km, 14km, mb4.2/9, Error ellipse: s-maj=28.1km s-min=6.4km az=76.0

ISC 08 12:39:24.3-1.1, 14.7S:167.3E:0.2, h150km, n17, 1913/19, mb3.9/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Ala-Archa, Karatay Array, etc.

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

SOME 08 12:18:45.1, 40.45N:77.30E, h10km KRNET 08 12:18:46.7, 40.1, 40.53N:77.30E, mb3.7 NNC 08 12:18:48.0, 0.7, 40.56N:77.30E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=4.8km s-min=3.9km az=171.0

ISC 08 12:18:48.2, 1.6, 40.56N:07.772E:0.03, h10km, n77, 6289 181 P, 6289 181 P, Iamb Iamb

8d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for Casey, QSPA, ILAR, NIED, JMA, MOS, IDC, SKHL, NEIC, ISC.

Main table for station 8d 12h, listing station codes (KUR, SKR, PAU, etc.), station names, and various parameters like Az, Phase ID, Time, Res, ISC.

2014 APR

Main table for station 2014 APR, listing station codes (JMP, MARUSEPPU, etc.), station names, and various parameters like Time, Res, ISC.

612

Main table for station 612, listing station codes (IMAR, BPAW, etc.), station names, and various parameters like Time, Res, ISC.

Table with columns: ARCES, ARCESS Array B, 57.74 341, P, P, 12 51 01.8 -0.7, etc. Includes sub-headers like ARCES, ARCESS Array B, ARCESS Array C, etc.

Table with columns: NEIC 08 12:46:14.4z-1.3, 18.29N, 0.08:145.6E, 0.1, h156km, 13km, etc. Includes sub-headers like NEIC, GUC, etc.

Table with columns: SQTA Sankt Quirin, 102.97 330, ePKKPdf, PKKPdf, 13 15 55.1 -5.0, etc. Includes sub-headers like SQTA, RETA, NIED, NEIC, JMA, etc.

Table with columns: GUC 08 12:49:37.0z-0.8, 19.65S, 70.97W, h36km, 2km, ML3.8, etc. Includes sub-headers like GUC, NEIC, etc.

Table with columns: G001 IPOC Station P, 1.84 106, i, S, Sn, 12 50 30.7 +0.6, etc. Includes sub-headers like G001, PB08, etc.

Table with columns: Code Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Includes sub-headers like Code, Station Name, etc.

Table with columns: PTGA, Pitinga, 21.63 30 P, P, 13 16 11.2 -1.4. Includes rows for YNE, YKA, H1S12, H1S11, H1S13, ASAR, MKAR.

SJA 08 13:19:24.9 0.4, 34.199S, 73.97W, h10km, ML4.3, MW4.3
IDC 08 13:19:41.8 0.7, 34.405S, 72.64W, h0km, mb4.2/8,
mb1.4/3.1, mb1mx4.1/2.4, Error ellipse: s-maj=31.5km
s-min=16.0km az=86.0

GUC 08 13:19:43.9 0.6, 34.345S, 72.77W, h30km, 3km, ML4.3
NEIC 08 13:19:45.9 1.5, 34.405S, 0.04, 72.5W, 0.1, h23km, 2km,
mb4.6/3.0, ML4.2(GUC), Error ellipse: s-maj=13.5km
s-min=6.1km az=82.0

ISC 08 13:19:42.5 0.9, 34.325S, 0.03, 72.73W, 0.05, h3km, 5km,
n95, r180/113, mb4.5/1.9, MS3.8/3.2, C-2D, Near coast of
central Chile

Main table for station data with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GO05 Huala, GO05 Huala, GO05 Huala, etc.

Table with columns: GSPA, South Pole Qui, 55.91 180 P, P, 13 29 22.3 +0.8. Includes rows for JCT, JCT Junction City, 237A, TXAR, TXAR, TXAR, TXAR, etc.

SKO 08 13:24:53.6, 41.400N, 22.35E, h17km, Northwestern Balkan Peninsula

Table for SKO station data with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VAY, VAY, VAY, VAY, etc.

BEO 08 13:25:10.9, 0.6, 42.47N, 21.07E, h7km, 9km, ML1.6/1.1, Northwestern Balkan Peninsula

Table for BEO station data with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BARS, BARS, SELS, SELS, etc.

Main table for station data with columns: MBDF, Montbardon, 0.17 15 ePg, Pg, 13 34 40.8 -0.4. Includes rows for MBDF, MBDF, PZZ, Stroppo, PZZ, Stroppo, PZZ, Stroppo, etc.

SOME 08 13:43:33.0, 40.48N, 77.47E, h10km
NIC 08 13:43:34.3, 1.6, 40.50N, 77.31E, h0km, mb3.5, mpv3.2,
Error ellipse: s-maj=11.1km s-min=7.9km az=173.0
KRNET 08 13:43:34.3, 0.1, 40.53N, 77.33E, mb3.0
ISC 08 13:43:37.1, 1.6, 40.57N, 0.08, 77.29E, 0.04, h10km, n53,

8d 15h

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=35, etc.).

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Table with columns for station call letters, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=35, etc.).

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Table with columns for station call letters, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=35, etc.).

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KIV, WALA, SHME, MOD, BMO, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ELL, GRF, PPT, PPT2, EKA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Suanglung, YULB, YUS, FULB.

IDC 08 15:57:20.5:1.7,36:26N:142:12E, h0km, mb3.5/5, mb1 3.5/8, mb1mx3.4/40, mbtmp3.5/8, ML2.9/3, MS3.0/1, Ms1 3.0/1, ms1mx2.1/32, Error ellipse: s-maj=37.3km s-min=22.2km az=71.0

JMA 08 15:57:24.6:0.2,36:31N:141:86E, h56km, M2.9

ISC 08 15:57:24.4:1.3,36:25N:0:06:141:82E,0.09, h19km, n16, a=111/19, mb3.5/5, Near east coast of eastern Honshu

Main table for station data with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like CHJO, JHYU, BSO1, JAG, JRY, MJAR, MAT, JHJ, ASAJ, USRK, SONM, MKAR, KURBB, WRA, ASAR.

JMA 08 16:17:30.4:0.2,24:80N:121:98E, h100km, 2km, M2.9

TAP 08 16:17:30.4:0.2,24:84N:122:01E, h103km, ML3.6, B

ISC 08 16:17:30.2:1.2,24:84N:0:03:122:00E,0.02, h106km, 5km, n130, a=69/244, 30C-3D, Taiwan

Main table for station data with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like NTC, TWB1, TIPB, ILA, TWC, WFSB, EOS1, TWE, SLBB, TWA, ENT, NHTD, NWLT, ENA, TATO, TAP, YMO1, NDT, YM11, YM10, YMO5, YMO4, ANP, TWY, TWS1, YHNB, YHNB, NSK.

Main table for station data with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like WLBT, WLTB, NNSB, NNSH, NNS, NCUH, NACB, NACB, ET LH, ET LH, PCYT, TWD, LIOB, SBCB, NNST, NNST, HWA, HWA, HSN, HSN, JYNG, JYNG, WHF, WHF, TDCB, TDCB, YOJ, YOJ, YOJ, ENLB, ENLB, CHGB, CHGB, WHP, WHP, NMLH, NMLH, ESL, ESL, OWD, OWD, NSY, NSY, TWQ1, TWQ1, PTSB, PTSB, DPDB, DPDB, EGFH, EGFH, WDJ, WDJ, WVDT, WVDT, SMLT, SMLT, TYC, TYC, SSSLB, SSSLB, HGSD, HGSD, EHY, EHY, WCHH, WCHH, WNT, WNT, WJS, WJS, WJS, WHTY, WHTY, YULB, YULB, YULB, YULB, YULB, YULB, YUS, YUS.

Main table for station data with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like IRIF, IRIF, ALS, ALS, CHNS, CHNS, WGK, WGK, FULB, FULB, WDLH, WDLH, RLNB, RLNB, RLNB, HATJ, HATJ, CHKT, CHKT, CHKT, WTCT, WTCT, ELDTW, ELDTW, ELDTW, JKRS, JKRS, CHN4, CHN4, CHN4, CHY, CHY, TPUB, TPUB, TPUB, JIJ, JIJ, WSF, WSF, WSF, STYT, STYT, STYT, WTP, WTP, WTP, WLGB, WLGB, WLGB, TWK, TWK, TWK, TWK, SNST, SNST, SNST, JISG, JISG, JISG, PTTC, PTTC, CHN1, CHN1, CHN1, TWH, TWH, TWH, SGST, SGST, SGST, TWG, TWG, TWG, TWGBT, TWGBT, TWGBT, CHN8, CHN8, CHN8, SLGT, SLGT, SLGT, TTN, TTN, MATB, MATB, CHN3, CHN3, CHN3, VWUC, VWUC, SCLT, SCLT, ECL, ECL, ECL, SSD, SSD, SSD, JTJ, JTJ, MASBT, MASBT, MASBT, PNG, PNG, PNG, PHUB, PHUB, PHUB, PTMZ, PTMZ, LYJJ, LYJJ, XPSS, XPSS, WDGJ, WDGJ, WDGJ, EAST, EAST, EAST, SCZT, SCZT, SCZT, LAY, LAY, LAY.

8d 17h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station data.

IDC 08 16:23:39.7.2.3.7,14S:128.99E,h0km,mb3.1/1, mb1 3.3/3,mb1mx3.1/3z,mbtmp3.1/3,ML3.3/2, Error ellipse: s-maj=146.6km s-min=33.6km az=67.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station data.

IDC 08 16:32:34.3.3.0,36.16N:142.48E,h0km,mb3.4/3, mb1 3.6/5,mb1mx3.3/39,mbtmp3.5/5,ML3.1/2, Error ellipse: s-maj=83.4km s-min=30.8km az=69.0

JMA 08 16:32:41.4.0.2,36.31N:141.81E,h27km,mb3.2 ISC 08 16:32:38.8.1.4,36.20N:142.12E,0.1,h23km,n19, r135/19,mb3.3/3,Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station data.

IDC 08 16:41:26.9.1.4,61.24N:140.42W,h0km,mb3.3/2, mb1 3.3/6,mb1mx3.2/36,mbtmp3.1/6,ML2.8/4, Error ellipse: s-maj=31.7km s-min=12.5km az=37.0

PGC 08 16:41:27.8.0.0,61.38N:139.88W,h5km,ML2.7/11, 144km Wnw of Haines Jct., Yt Southern Yukon Territory, Canada

ISC 08 16:41:26.0.1.2,61.43N:0.02:140.00W:0.02,h2km±10km, n26, r193/46, Southern Yukon Territory

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station data.

JMA 08 17:10:14.0.0.2,25.40N:123.45E,h192km,5km,ML2.8, Northeast of Taiwan

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station data.

TAP 08 17:10:33.0.24:46N:121.63E,h1km,ML0.8,1C,C, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station data.

IDC 08 17:17:35.2.5.6,8.43S:155.93E,h0km,mb3.7/3, mb1 3.9/3,mb1mx3.3/40,mbtmp3.7/3,MS3.0/3,MS1 3.0/3, ms1mx2.5/37, Error ellipse: s-maj=56.7km s-min=7.9km az=5.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station data.

NIED 08 17:33:00.23:60N:121.90E,h35km,Mw3.8 Best double couple: M=5.62000x10^14 NP1:224.00000,887.00000, lambda162.00000, NP2:315.00000,872.00000, lambda3.00000

TAP 08 17:33:24.9.23:61N:121.88E,h29km,ML4.1,B JMA 08 17:33:24.0.1.2,23.63N:121.90E,h24km,ML4.0, ISC 08 17:33:24.0.1.0,23.60N:0.02:121.91E:0.02,h24km±10km, n150,r075/268,21C-35D, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station data.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station data.

Table with columns: Station Name, Frequency, Modulation, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CHN2, SGST, NSTT, YOJ, etc.

Table with columns: Station Name, Frequency, Modulation, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like YM05, YM11, NTST, ANP, etc.

Table with columns: Station Name, Frequency, Modulation, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like GHVR, GHOM, KRSH, etc.

Table with columns: ZALV, KVAR, FINES, ARCES, NOA, YKA. Includes station names, coordinates, and time/res data.

IDC 08 18:02:11.2:1.7,3:11N-126:48E, h0km, mb3.6/5, mb 1.3/6, mb1mx3.5/3m, mbtmp3.6/ML3.4/1, Error ellipse: s-maj=75.8km s-min=25.0km az=63.0, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sorong, Filtro, Warramunga, Alice Springs, Stephens Creek, Makanchi Array.

IDC 08 18:28:09.2:0.9, 18:35S:71:61W, h0km, mb4.1/7, mb1 4.2/9, mb1mx4.0/31, mbtmp4.1/9, ML3.8/2, Error ellipse: s-maj=29.1km s-min=19.3km az=65.0

NEIC 08 18:28:13.4:1.9, 18:53S:0:07:71.77W:0.07, 1.25km, 5km, mb4.3/8, Mwr4.1/37, Error ellipse: s-maj=10.1km s-min=9.3km az=53.0

NEIC 08 18:28:13.18:55S:71:77W, h20km, Moment Tensor Solution. Includes M0, Mw, M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42, M43, M44, M45, M46, M47, M48, M49, M50, M51, M52, M53, M54, M55, M56, M57, M58, M59, M60, M61, M62, M63, M64, M65, M66, M67, M68, M69, M70, M71, M72, M73, M74, M75, M76, M77, M78, M79, M80, M81, M82, M83, M84, M85, M86, M87, M88, M89, M90, M91, M92, M93, M94, M95, M96, M97, M98, M99, M100, M101, M102, M103, M104, M105, M106, M107, M108, M109, M110, M111, M112, M113, M114, M115, M116, M117, M118, M119, M120, M121, M122, M123, M124, M125, M126, M127, M128, M129, M130, M131, M132, M133, M134, M135, M136, M137, M138, M139, M140, M141, M142, M143, M144, M145, M146, M147, M148, M149, M150, M151, M152, M153, M154, M155, M156, M157, M158, M159, M160, M161, M162, M163, M164, M165, M166, M167, M168, M169, M170, M171, M172, M173, M174, M175, M176, M177, M178, M179, M180, M181, M182, M183, M184, M185, M186, M187, M188, M189, M190, M191, M192, M193, M194, M195, M196, M197, M198, M199, M200, M201, M202, M203, M204, M205, M206, M207, M208, M209, M210, M211, M212, M213, M214, M215, M216, M217, M218, M219, M220, M221, M222, M223, M224, M225, M226, M227, M228, M229, M230, M231, M232, M233, M234, M235, M236, M237, M238, M239, M240, M241, M242, M243, M244, M245, M246, M247, M248, M249, M250, M251, M252, M253, M254, M255, M256, M257, M258, M259, M260, M261, M262, M263, M264, M265, M266, M267, M268, M269, M270, M271, M272, M273, M274, M275, M276, M277, M278, M279, M280, M281, M282, M283, M284, M285, M286, M287, M288, M289, M290, M291, M292, M293, M294, M295, M296, M297, M298, M299, M300, M301, M302, M303, M304, M305, M306, M307, M308, M309, M310, M311, M312, M313, M314, M315, M316, M317, M318, M319, M320, M321, M322, M323, M324, M325, M326, M327, M328, M329, M330, M331, M332, M333, M334, M335, M336, M337, M338, M339, M340, M341, M342, M343, M344, M345, M346, M347, M348, M349, M350, M351, M352, M353, M354, M355, M356, M357, M358, M359, M360, M361, M362, M363, M364, M365, M366, M367, M368, M369, M370, M371, M372, M373, M374, M375, M376, M377, M378, M379, M380, M381, M382, M383, M384, M385, M386, M387, M388, M389, M390, M391, M392, M393, M394, M395, M396, M397, M398, M399, M400, M401, M402, M403, M404, M405, M406, M407, M408, M409, M410, M411, M412, M413, M414, M415, M416, M417, M418, M419, M420, M421, M422, M423, M424, M425, M426, M427, M428, M429, M430, M431, M432, M433, M434, M435, M436, M437, M438, M439, M440, M441, M442, M443, M444, M445, M446, M447, M448, M449, M450, M451, M452, M453, M454, M455, M456, M457, M458, M459, M460, M461, M462, M463, M464, M465, M466, M467, M468, M469, M470, M471, M472, M473, M474, M475, M476, M477, M478, M479, M480, M481, M482, M483, M484, M485, M486, M487, M488, M489, M490, M491, M492, M493, M494, M495, M496, M497, M498, M499, M500, M501, M502, M503, M504, M505, M506, M507, M508, M509, M510, M511, M512, M513, M514, M515, M516, M517, M518, M519, M520, M521, M522, M523, M524, M525, M526, M527, M528, M529, M530, M531, M532, M533, M534, M535, M536, M537, M538, M539, M540, M541, M542, M543, M544, M545, M546, M547, M548, M549, M550, M551, M552, M553, M554, M555, M556, M557, M558, M559, M560, M561, M562, M563, M564, M565, M566, M567, M568, M569, M570, M571, M572, M573, M574, M575, M576, M577, M578, M579, M580, M581, M582, M583, M584, M585, M586, M587, M588, M589, M590, M591, M592, M593, M594, M595, M596, M597, M598, M599, M600, M601, M602, M603, M604, M605, M606, M607, M608, M609, M610, M611, M612, M613, M614, M615, M616, M617, M618, M619, M620, M621, M622, M623, M624, M625, M626, M627, M628, M629, M630, M631, M632, M633, M634, M635, M636, M637, M638, M639, M640, M641, M642, M643, M644, M645, M646, M647, M648, M649, M650, M651, M652, M653, M654, M655, M656, M657, M658, M659, M660, M661, M662, M663, M664, M665, M666, M667, M668, M669, M670, M671, M672, M673, M674, M675, M676, M677, M678, M679, M680, 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M847, M848, M849, M850, M851, M852, M853, M854, M855, M856, M857, M858, M859, M860, M861, M862, M863, M864, M865, M866, M867, M868, M869, M870, M871, M872, M873, M874, M875, M876, M877, M878, M879, M880, M881, M882, M883, M884, M885, M886, M887, M888, M889, M890, M891, M892, M893, M894, M895, M896, M897, M898, M899, M900, M901, M902, M903, M904, M905, M906, M907, M908, M909, M910, M911, M912, M913, M914, M915, M916, M917, M918, M919, M920, M921, M922, M923, M924, M925, M926, M927, M928, M929, M930, M931, M932, M933, M934, M935, M936, M937, M938, M939, M940, M941, M942, M943, M944, M945, M946, M947, M948, M949, M950, M951, M952, M953, M954, M955, M956, M957, M958, M959, M960, M961, M962, M963, M964, M965, M966, M967, M968, M969, M970, M971, M972, M973, M974, M975, M976, M977, M978, M979, M980, M981, M982, M983, M984, M985, M986, M987, M988, M989, M990, M991, M992, M993, M994, M995, M996, M997, M998, M999, M1000, M1001, M1002, M1003, M1004, M1005, M1006, M1007, M1008, M1009, M1010, 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KEF3				Sg	18 50 44.3	+0.6
LXR1	Lixouri, Cepha	0.12 151	P	Pg	18 50 42.0	+0.3
LXR1			P	Sg	18 50 44.4	+0.4
LXR1	Lixouri, Kepha	0.12 152	P	Pg	18 50 42.1	+0.3
LXR1			P	Sg	18 50 44.2	+0.2
CHV1	Chavriata, Kef	0.12 174	P	Pg	18 50 42.2	+0.4
CHV1			P	Sg	18 50 44.7	+0.6
ARGA	Argostoli. Kep	0.16 145	P	Pg	18 50 42.3	+0.1
ARGA			P	Sg	18 50 44.6	+0.2
ARG2	Argostoli	0.16 143	P	Pg	18 50 42.5	+0.3
ARG2			P	Sg	18 50 44.8	+0.1
KEF2	Argostoli. Kep	0.17 146	P	Pg	18 50 45.1	+0.2
KEF2			P	Sg	18 50 45.1	+0.2
VSK1	VASILIKIADES	0.19 56	P	Pg	18 50 42.7	0.0
VSK1			P	Sg	18 50 45.5	+0.2
VLS	Valsamata	0.22 126	P	Pg	18 50 43.0	-0.1
VLS			P	Sg	18 50 46.0	+0.4
VLS	4µm,0.1s		P	AML	18 50 46.8	
VLS	Valsamata	0.22 126	P	Pg	18 50 43.1	-0.1
VLS			P	Sg	18 50 46.0	+0.4
VLS	comp=N,7242µm,0.1s		P	AML	18 50 46.8	
VLS			P	AML	18 50 47.5	
FSK	Fiskardo	0.22 45	P	Pg	18 50 43.2	0.0
FSK			P	Sg	18 50 46.4	+0.1
FSK	comp=E,8663µm,0.1s		P	AML	18 50 46.4	
FSK	Fiskardo	0.22 45	P	Pg	18 50 43.2	0.0
FSK			P	Sg	18 50 45.8	-0.7
FSK	comp=N,4441µm,0.2s		P	AML	18 50 46.8	
FSK			P	AML	18 50 46.9	
KFL	Anninata	0.39 120	P	Pg	18 50 46.0	0.0
KFL			P	Sg	18 50 51.8	+0.4
KFL	comp=E,5µm,0.5s		P	AML	18 50 51.1	-0.3
KFL	Anninata	0.39 120	P	Pg	18 50 46.0	0.0
KFL			P	Sg	18 50 51.1	-0.3
KFL	comp=E,13299µm,0.4s		P	AML	18 50 52.3	
KFL			P	AML	18 50 52.7	
EVGI	Lefkada island	0.39 36	P	Pg	18 50 46.4	+0.3
EVGI			P	Sg	18 50 52.0	+0.5
EVGI	Lefkada island	0.39 36	P	Pg	18 50 46.4	+0.3
EVGI			P	Sg	18 50 52.1	+0.5
MGN1	Meganis	0.48 43	P	Pg	18 50 47.3	+0.1
MGN1			P	AML	18 50 55.4	
MGN1	comp=E,1576µm,0.2s		P	AML	18 50 55.6	
MGN1			P	AML	18 50 55.6	
LKD2	Lefkada island	0.53 25	P	Pg	18 50 48.9	+0.1
LKD2			P	Sg	18 50 56.7	+0.7
LKD2	comp=N,312nm,0.3s		P	AML	18 50 49.0	+0.1
LKD2	Lefkada island	0.53 25	P	Pg	18 51 03.9	
LKD2	comp=N,684µm,0.3s		P	AML	18 51 04.8	
LKD2			P	AML	18 51 04.8	
TSLK	Tsoukalades, L	0.57 24	P	Pg	18 50 48.7	+0.3
TSLK			P	Sg	18 50 49.6	+0.4
TSLK	Tsoukalades, L	0.57 24	P	Pg	18 50 57.7	+0.7
TSLK			P	Sg	18 51 06.8	
TSLK	comp=N,791µm,0.4s		P	AML	18 51 07.3	
TSLK			P	AML	18 51 07.3	
AST1	Astakos	0.61 67	P	Pg	18 50 50.2	-0.1
AST1			P	Sb	18 50 59.1	+0.1
RLS	Riolos of Patr	0.90 106	P	Pg	18 50 55.4	-0.3
RLS			P	Sg	18 50 55.0	-0.7
RLS	comp=N,322µm,0.6s		P	AML	18 51 14.4	
RLS			P	AML	18 51 15.1	
PVO	Paravola	0.96 71	P	Pg	18 50 56.8	0.0
PVO			P	Sg	18 50 59.9	+0.1
PVO	comp=N,1403µm,0.2s		P	AML	18 51 13.2	
PVO			P	AML	18 51 13.4	
DRO	Drossia	1.12 108	P	Pb	18 50 59.0	-0.2
DRO			P	AML	18 51 24.1	
DRO	comp=N,739µm,0.5s		P	AML	18 51 25.6	
DRO			P	AML	18 51 25.6	
EFP	Efpalio	1.22 84	P	Pb	18 51 00.6	-0.2
EFP			P	Sb	18 51 00.7	-0.2
EFP	Efpalio	1.22 84	P	Pb	18 51 16.6	+0.3
EFP			P	AML	18 51 25.4	
EFP	comp=E,480µm,0.4s		P	AML	18 51 29.1	
IGT	Igoumenitsa	1.23 359	P	Pn	18 51 02.0	+1.3
IGT			P	AML	18 51 22.7	
IGT	comp=E,270µm,0.4s		P	AML	18 51 23.4	
IGT			P	AML	18 51 23.7	
ANX	Ano Chora	1.25 76	P	Pn	18 51 02.0	+0.8
ANX			P	Pn	18 51 02.0	+0.8
ANX	Ano Chora	1.25 76	P	Pn	18 51 26.0	+1.3
ANX			P	AML	18 51 26.5	
ANX	comp=N,549µm,0.5s		P	AML	18 51 28.9	
ANX			P	AML	18 51 28.9	
EVR	Evyrtania	1.28 61	P	Pg	18 51 03.0	0.0
EVR			P	AML	18 51 29.8	
EVR	comp=N,172µm,0.7s		P	AML	18 51 33.8	
EVR			P	AML	18 51 33.8	
AMT	Artemida-Makis	1.31 126	P	Pn	18 51 03.0	+1.1
AMT			P	AML	18 51 33.0	
AMT	comp=N,528µm,0.6s		P	AML	18 51 33.5	
AMT			P	AML	18 51 33.5	
SERG	Sergoula	1.33 85	P	Pn	18 51 02.8	+0.6
SERG			P	AML	18 51 27.0	
SERG	comp=E,282µm,0.6s		P	AML	18 51 28.3	
SERG			P	AML	18 51 28.3	
TRIZ	Trizonia	1.34 87	P	Pn	18 51 02.8	+0.5
KALE	Kalitheia	1.40 86	P	Pn	18 51 03.7	+0.6
KALE			P	AML	18 51 36.1	
KALE	comp=N,233µm,0.3s		P	AML	18 51 39.5	
KALE			P	AML	18 51 39.5	
KL	Kalavryta, Acs	1.43 100	P	Pn	18 51 04.1	+0.6
DBRK	Dubrovnik	4.68 339	ePn	Pn	18 51 49.3	+1.2
DBRK			Pn	Sn	18 52 41.0	-1.1
STON	Ston	4.99 337	ePn	Pn	18 51 52.9	+0.4
STON			Pn	Sn	18 52 48.5	-1.3
LSTV	Lastovo	5.18 330	ePn	Pn	18 51 55.5	+0.4
LSTV			Pn	Sn	18 52 52.1	-2.4
MAKA	Makarska	5.59 334	ePn	Pn	18 52 01.9	+1.3
MAKA			Pn	Sn	18 52 02.9	+0.2
RIKI	Ricice	5.73 336	ePn	Pn	18 53 06.3	-1.2
RIKI			Pn	Sn	18 53 06.3	-1.2
ZIRJ	Zirje	6.43 328	ePn	Pn	18 52 12.8	+0.7
ZIRJ			Pn	Sn	18 53 22.6	-2.5
KLJV	Kijevo	6.43 334	ePn	Pn	18 52 13.6	+1.4
KLJV			Pn	Sn	18 53 23.7	-1.6
MORI	Moric	6.58 329	ePn	Pn	18 52 15.1	+1.7
UDBI	Udbina	7.11 332	ePn	Pn	18 52 21.9	+0.3
NVLJ	Novaljia	7.49 328	ePn	Pn	18 52 27.9	+1.2

PAS 08 18:54:16.3,1.4,33.919N:0.010:117.946W:0.005, 14km,5km,ML2,1/99, Error ellipse: s-maj=1.5km s-min=0.6km az=187.0

NEIC 08 18:54:15.7,1.2,33.92N:0.011:117.96W:0.01, h18km,2km, Error ellipse: s-maj=2.1km s-min=0.7km az=216.0

Southern California

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
RHC	Rose Hills Cem	0.09 328	Op	Pg	18 54 18.7	-0.6
BREC	Barre Substati	0.12 191		Pg	18 54 19.1	-0.4
GVRC	Garvey Reservo	0.19 313		Pg	18 54 22.7	+0.3
PSRC	Puddingstone R	0.21 36		Pg	18 54 20.0	0.0
PEM	Pine Mountain	0.25 16		Pg	18 54 21.9	-0.1
MWC	Mount Wilson	0.31 344		Pg	18 54 22.2	-0.4
MWC	Mount Wilson	0.31 344		Pg	18 54 27.3	+0.1
PASC	Pasadena Art C	0.31 322		Pg	18 54 22.1	-0.4
SSK	Sunset Peak	0.36 97		Pg	18 54 23.2	-0.1
XTL	Crystal Lake,	0.38 12		Pg	18 54 23.4	-0.3

BFSO	Mount Baldy Ra	0.40 38	Pg	18 54 23.8	-0.3
BFSO			Sb	18 54 30.0	-0.2
CHFC	Chialo Flat St	0.41 352	Pg	18 54 23.9	-0.5
CHFC			Pg	18 54 30.0	-0.2
SS2	San Sevaine	0.47 53	Pg	18 54 30.3	+0.1
RVR	Riverside	0.49 82	Pg	18 54 25.2	-0.3
RVR			Pg	18 54 31.7	-0.4
SME	Santa Rosa Min	0.51 101	Pg	18 54 25.5	-0.5
JNH	Juniper Hills	0.52 0	Pg	18 54 25.9	-0.4
JNH			Sb	18 54 33.5	-0.1
HOLC	Holcomb Ridge	0.54 10	Pg	18 54 26.2	-0.4
RRC	Red Canyon	0.59 322	Pg	18 54 27.1	-0.3
LRRC	Littlerock Res	0.60 354	Pb	18 54 27.5	-0.1
CSP	Cedar Springs	0.62 53	Pb	18 54 27.8	-0.2
CIAC	Catalina I. Ai	0.65 216	Pb	18 54 28.5	-0.1
PEC	Perris	0.66 92	Pb	18 54 28.2	-0.4
MURC	Murrieta	0.71 117	Pb	18 54 39.2	+0.1
LEOC	Leona Valley	0.76 338	Pg	18 54 30.0	-0.5
SBB	Saddle Back Bu	0.77 8	Pg	18 54 31.1	+0.3
HMTC	Hemet	0.82 105	Pg	18 54 30.9	-0.4
HMTC			Sb	18 54 42.5	-0.1
BACC	Bachelor Mtn.	0.82 112	Pg	18 54 30.9	-0.5
DGR	Domenigoni Val	0.83 109	Pb	18 54 31.1	-0.5
BTL	Butler Peak	0.86 67	Pb	18 54 32.1	-0.1
STTC	Scott Ranch	0.96 334	Pg	18 54 34.6	+0.3
PLM	Palomar	1.07 122	Pg	18 54 34.2	-1.6
CRF	Cary Ranch	1.08 109	Pn	18 54 50.2	-0.2
BZNA	Buzz No.'s Pla	1.16 111	Sn	18 54 29.1	-0.3
BZNA			Sn	18 54 52.4	0.0
DNR	Dunn Ranch,Anz	1.16 107	Pg	18 54 37.7	-0.4
DNR			Pg	18 54 53.2	-0.2
SND	J Saunders Pla	1.18 108	Pb	18 54 37.8	+0.2
RMR	Rimrock	1.18 75	Pg	18 54 38.2	-0.4
FRD	Ford Ranch, An	1.21 110	Pb	18 54 38.8	0.0
FRD	Ford Ranch, An	1.21 110	Pb	18 54 38.0	0.0
FRD			Sb	18 54 54.1	+0.5
109C	Camp Elliot, M	1.25 145	Pn	18 54 37.2	-1.0
PFO	Pinyon Flats O	1.28 104	Pb	18 54 39.4	+0.1
PFO			Pb	18 54 41.9	+0.3
EW2	E Wide Canyon	1.29 89	Pg	18 54 40.0	-0.5
EW2			Sg	18 54 57.1	-0.3
XPFO	Pion Flat	1.29 104	Pg	18 54 39.4	0.0
BLAC	Blackrock camp	1.31 83	Pb	18 54 40.8	-0.1
DTT	Desert Tortois	1.34 4	Pb	18 54 40.8	+0.1
GTM	Great Mountain	1.38 74	Pb	18 54 41.9	+0.3
TPC	Twentynine Pal	1.59 83	Pb	18 54 45.1	+0.5
GSC	Goldstone, Bar	1.67 34	Pb	18 54 45.8	-0.1
ISA	Isabella, Lake	1.79 346	Pb	18 54 47.0	-0.9
ESJZ	Sierra Juarez	2.55 338	Pb	18 54 57.7	+1.5
RJCT	Rector, Farmer	2.60 336	Pb	18 54 59.9	-1.8

JMA 08 18:59:19.9,0.3,22.82N:122.41E, h41km, M2.5

MURC 08 18:59:20.6,22.78N:122.39E, h48km, 1km, ML2.7, D

ISAP 08 18:59:17.0,1.2,22.77N:122.42E:0.03, h15km, 9km, n69, c0870/17, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
TWH	Lutao	0.88 266	Op	Pn	18 59 35.9	+1.1
TWH			S	Sg	18 59 46.0	+0.5
CHY	Chengkung	1.03 289	S	Sb	18 59 50.1	+0.3
LAY	Lan-yu	1.09 228	iP	Pg	18 59 38.9	+0.8
LAY			S	Sn	18 59 52.1	-0.5
FULB	Fuli	1.12 292	P	Pg	18 59 38.9	+0.1
FULB			S	Sb	18 59 52.7	+0.1
HGSD	Ruisui	1.17 308	eP	Pg	18 59 39.4	-0.1
HGSD			eS	Sb	18 59 53.9	+0.2
TWF1	Yuli	1.19 299	iP	Pg	18 59 40.2	+0.3
TWF1			S	Sn	18 59 55.0	0.0
YULB	Yu-i	1.21 301	eP	Pg	18 59 40.6	+0.3
YULB			eS	Sb	18 59 54.8	-0.2
TWGBT	Beinan</					

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PSAA0 Pilbara Seismi, AS31 Alice Springs, ASAR Alice Springs, ASAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAW Lawson, MAW Lawson.

ANF 08 19:06:18.3:0.2,35:68N;118:46W,h8km,1km,ML3,1/29, Error ellipse: s-maj=1.5km s-min=1.3km az=98.0
SCEDC 08 19:06:19.3:35:67N;118:47W,h10km
PAS 08 19:06:19.3:35:67N;118:47W;0.0,3,h10km,6km, ML3,0/172,Error ellipse: s-maj=5.7km s-min=4.9km az=72.0
NEIC 08 19:06:18.9:1.9,35:65N;0:03:118:45W;0:05,h8km,6km, Error ellipse: s-maj=5.9km s-min=4.7km az=84.0,

Main table of station data for the 8d 19h period, listing station names, coordinates, and operational status.

Table of station data for the 2014 APR period, listing station names, coordinates, and operational status.

KEA 08 19:09:06.7:0.0,40:46N;122:72E,h0km,ML2,4/1, Northeastern China

Table of station data for the KEA 08 19:09:06.7:0.0,40:46N;122:72E,h0km,ML2,4/1, Northeastern China event.

IDC 08 19:13:03.8:13.0,13:02S;166:90E,h215km,143km, mb3.0/2,mb1 3.3/3,mb1mx2.8/40,mbtmp3.6/3, Error ellipse: s-maj=147.8km s-min=35.3km az=156.0, Vanuatu Islands

Table of station data for the IDC 08 19:13:03.8:13.0,13:02S;166:90E,h215km,143km, mb3.0/2,mb1 3.3/3,mb1mx2.8/40,mbtmp3.6/3, Error ellipse: s-maj=147.8km s-min=35.3km az=156.0, Vanuatu Islands event.

IDC 08 19:16:04.7:0.0,1:05S;100:68E,h0km,mb3.4/4, mb1 3.6/4,mb1mx3.3/43,mbtmp3.4/4, Error ellipse: s-maj=388.6km s-min=24.6km az=53.0, DJA 08 19:16:04.1:0.4,2:3;3x10^0E^,h12km,4km,ML3,7/8, MLv3,7/8

ISC 08 19:16:06.2:1.2,1:93S;0:05:99:57E;0:06,h40km,16km, n16,1:927/19,mb3.4/4,Southern Sumatara

Table of station data for the ISC 08 19:16:06.2:1.2,1:93S;0:05:99:57E;0:06,h40km,16km, n16,1:927/19,mb3.4/4,Southern Sumatara event.

IDC 08 19:23:20.4:2.0,49:99N;88:10E,h0km,mb1 2.7/4, mb1mx2.7/3,mbtmp2.7/4,ML2,4/4, Error ellipse: s-maj=19.0km s-min=15.0km az=98.0

NNC 08 19:23:24.5:2.4,49:98N;87:79E,h0km,mb3.1,mpv2.7, Error ellipse: s-maj=16.8km s-min=9.4km az=65.0

ISC 08 19:23:22.9:1.2,50:01N;0:06:88:13E;0:08,h11km,n8, 0:095/16,7C-5D,Southwestern Siberia

Table of station data for the ISC 08 19:23:22.9:1.2,50:01N;0:06:88:13E;0:08,h11km,n8, 0:095/16,7C-5D,Southwestern Siberia event.

Table of station data for the MKAR Makanchi Array event, listing station names, coordinates, and operational status.

ATH 08 19:54:29.8,37:83N;23:25E,h14km,5km,ML1,0/2, Error ellipse: s-maj=5.6km s-min=1.0km az=236.0,Southern Greece

Table of station data for the ATH 08 19:54:29.8,37:83N;23:25E,h14km,5km,ML1,0/2, Error ellipse: s-maj=5.6km s-min=1.0km az=236.0,Southern Greece event.

ATH 08 19:54:38.0,40:04N;24:43E,h18km,2km,ML1,2/5, Error ellipse: s-maj=2.8km s-min=0.8km az=315.0,Aegean

Table of station data for the ATH 08 19:54:38.0,40:04N;24:43E,h18km,2km,ML1,2/5, Error ellipse: s-maj=2.8km s-min=0.8km az=315.0,Aegean event.

NEIC 08 19:55:41.6:2.0,31:58N;0:02:116:47W;0:03,h8km,5km, Error ellipse: s-maj=4.4km s-min=2.4km az=49.0

PAS 08 19:55:43.2:2.4,31:64N;0:04:116:41W;0:04,h13km,3km, Error ellipse: s-maj=6.0km s-min=3.8km az=223.0

ISC 08 19:55:43.6:0.6,31:61N;116:39W,h5km,3km,ML2,8, ML3,1

EXC 08 19:55:42.1:0.9,31:58N;0:03:116:45W;0:03,h17km,7km, n47,1:930/71,6C-4D,Baja California

Table of station data for the EXC 08 19:55:42.1:0.9,31:58N;0:03:116:45W;0:03,h17km,7km, n47,1:930/71,6C-4D,Baja California event.

Table with columns: TYC, Yuchr, baz, P, Pn, 00 03 15.4 +1.1, etc. Lists various astronomical objects and their coordinates.

Table with columns: MATH, Ma-tsu, baz=304, 3.00 305 eP, Pn, 00 03 31.5 +0.5, etc. Lists astronomical objects with specific identifiers.

GCG 09 00:52:18.6:0.4, 12.96N:89.85W, h50km, 117km, MD3.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for GCG and other sources.

ICD 09 01:01:29.1±7.8, 30.605±179.09W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.5/41, mbtmp3.6/2, Error ellipse: s-maj=328.4km s-min=60.3km az=156.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for ICD and other sources.

ICD 09 01:11:50.8±1.9, 0.37S:132.48E, h0km, mb3.3/2, mb1 3.5/3, mb1mx3.3/35, mbtmp3.3/3, ML3.5/1, Error ellipse: s-maj=29.4km s-min=19.6km az=167.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for ICD and other sources.

ROM 09 01:26:26.8±0.0, 43.289N±0.002, 12.854E±0.003, h12km, ML1.5/16, 8C-4D, Error ellipse: s-maj=0.2km s-min=0.0km az=24.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for ROM and other sources.

Table with columns: SNTG, comp=E, 347um, 0.1s, AML, AML, 01 26 30.2 +0.4, etc. Lists astronomical objects with various parameters.

PRU 09 01:27:26.9±0.0, 51.43N:16.16E, h0km, mb1 1.3/5/6, mb1mx3.2/53, mbtmp3.4/6, ML2.9/6, Error ellipse: s-maj=16.3km s-min=6.8km az=102.0

VIE 09 01:27:26.9±0.0, 51.20N:16.25E, h0km, mb2.5/8, ml2.8/9, Error ellipse: s-maj=8.7km s-min=7.7km az=11.0 54 km WNW of Wroclaw Suspected Mining induced.

ISC 09 01:27:24.2±0.7, 51.51N:0.03E:16.20E±0.02, h0km, n44, e1528/84, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for various sources including IPEC, PRU, VIE, ISC, and others.

ICD 09 01:27:25.1±0.3, 51.49N:16.40E, h0km, ML2.3/3, Error ellipse: s-maj=3.2km s-min=1.8km az=58.0

ICD 09 01:27:26.9±0.0, 51.43N:16.16E, h0km, mb1 1.3/5/6, mb1mx3.2/53, mbtmp3.4/6, ML2.9/6, Error ellipse: s-maj=16.3km s-min=6.8km az=102.0

ICD 09 01:27:26.9±0.0, 51.20N:16.25E, h0km, mb2.5/8, ml2.8/9, Error ellipse: s-maj=8.7km s-min=7.7km az=11.0 54 km WNW of Wroclaw Suspected Mining induced.

ICD 09 01:27:24.2±0.7, 51.51N:0.03E:16.20E±0.02, h0km, n44, e1528/84, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for various sources including IPEC, PRU, VIE, ISC, and others.

TNSS	baz=72 Tian-Shan 33m,0.5s	3.90	59	Pb	Pb	03 10 37.1	+2.4
TNSS	61nm,0.5s Tian-Shan 33m,0.5s	3.90	59	Pg	Pg	03 11 29.8	-1.1
TNSS	61nm,0.5s Tian-Shan 33m,0.5s	3.90	59	Pg	Pg	03 10 37.2	+2.4
TNSS	61nm,0.5s			Lg	Lg	03 11 29.8	
KNDC	Almaty 41m,0.7s	4.00	57	Pg	Pb	03 10 39.1	+2.8
KNDC	118nm,0.6s			↑Lg	Lg	03 11 33.1	
MDOK	Medeo 27m,0.6s	4.03	58	eP	Pb	03 10 37.6	+0.8
MDOK	56nm,0.6s Medeo 7.8m,0.5s	4.03	58	↑Pn	Pn	03 10 30.8	+3.3
MDOK	31nm,0.7s			↑Pg	Pg	03 10 40.1	-2.7
MDOK	39m,0.6s Medeo 27m,0.6s	4.03	58	Pg	Lg	03 11 33.1	
MDOK	56nm,0.6s			Lg	Lg	03 11 31.3	
KUU	Kurty 34m,0.7s	4.03	45	eP	Pb	03 10 39.0	+2.2
KUU	89nm,0.3s Kurty 34m,0.7s	4.03	45	Pg	Pg	03 11 32.9	-2.2
KUU	89nm,0.3s Kurty 34m,0.7s	4.03	45	Pg	Lg	03 11 32.9	
KOTS	89nm,0.3s Kotrybulak 103m,0.5s	4.10	57	eP	Pg	03 10 41.2	-3.1
KOTS	88nm,0.7s			eS	Sg	03 11 37.2	-0.1
KOTS	88nm,0.7s Kotrybulak 103m,0.5s	4.10	57	Pg	Pg	03 10 41.2	-3.1
KOTS	141nm,0.8s			Lg	Lg	03 11 37.2	
KTBS	88nm,0.7s Karatebo 18m,0.6s	4.11	49	eP	Pb	03 10 39.7	+1.6
KTBS	141nm,0.8s			eS	Sg	03 11 34.3	-3.2
KTBS	88nm,0.7s Karatebo 18m,0.6s	4.11	49	Pg	Pb	03 10 39.7	+1.6
KTBS	141nm,0.8s			Lg	Lg	03 11 34.3	
BTLS	Baital 5.8m,0.4s	4.11	17	eP	Pb	03 10 39.1	+1.1
BTLS	5.8m,0.4s			eS	Sg	03 11 33.6	-4.0
BTLS	5.8m,0.4s	4.11	17	Pg	Pb	03 10 39.1	+1.1
BTLS	5.8m,0.4s			Lg	Lg	03 11 33.6	
ANVS	Ananyevoy baz=65	4.28	65	↑P	Pn	03 10 33.6	+2.6
ANVS	baz=65			↑S	Sn	03 11 24.5	+3.4
CHKK	Chushkaly 4.1nm,0.1s	4.37	50	eP	Pb	03 10 45.2	+2.6
CHKK	48nm,0.3s Chushkaly 4.1nm,0.1s	4.37	50	Pg	Pg	03 11 43.2	-2.6
CHKK	48nm,0.3s Chushkaly 4.1nm,0.1s	4.37	50	Pg	Lg	03 11 43.2	
CHKK	48nm,0.3s Saty 14m,0.5s	4.88	65	eP	Pb	03 10 54.5	+3.2
SATY	51nm,0.9s			eS	Sg	03 11 60.0	-2.5
SATY	51nm,0.9s Saty 14m,0.5s	4.88	65	Pg	Pb	03 10 54.5	+3.2
SATY	14m,0.5s			Lg	Lg	03 11 60.0	
KURS	51nm,0.9s Kuram 11m,0.8s	4.90	59	↑P	Pg	03 10 55.5	-4.0
KURS	24nm,0.8s Kuram 11m,0.8s	4.90	59	Pg	Pg	03 10 55.5	-4.0
KURS	24nm,0.8s Kuram 11m,0.8s	4.90	59	Pg	Lg	03 12 02.2	-0.8
KURS	22nm,0.7s Arhary 18m,0.6s	5.07	51	eP	Pb	03 10 56.2	+1.7
ARXS	59nm,0.6s Arhary 18m,0.6s	5.07	51	Pg	Pb	03 12 03.2	-5.2
ARXS	59nm,0.6s Arhary 18m,0.6s	5.07	51	Pg	Pb	03 10 56.2	+1.7
ARXS	59nm,0.6s			Lg	Lg	03 12 03.2	
KPKS	Kokpek 21m,0.5s	5.23	61	eP	Pg	03 11 02.2	-3.6
KPKS	52nm,0.5s			eS	Sg	03 12 13.7	+0.2
UZB	Uzbynluk 9.9nm,0.8s	5.34	65	eP	Pg	03 11 04.1	-3.7
UZB	26nm,0.7s Uzbynluk 9.9nm,0.8s	5.34	65	Pg	Pg	03 12 16.8	-0.2
UZB	26nm,0.7s Uzbynluk 9.9nm,0.8s	5.34	65	Pg	Lg	03 12 16.8	
SHLS	26nm,0.7s Shalkode 10m,0.5s	5.64	66	Pg	Pg	03 11 14.7	+0.9
SHLS	43nm,0.8s			Lg	Lg	03 12 34.8	
PDGK	Podgomoye 4.1nm,0.6s	5.72	65	Pg	Pg	03 11 10.8	-4.4
PDGK	16nm,0.7s Podgomoye 6.8m,0.6s	5.72	65	↑Pg	Pg	03 11 10.3	-4.9
PDGK	43nm,0.9s			↑Lg	Lg	03 12 27.7	
TDK	Taldyqorghan 60m,0.3s	5.88	47	Pg	Pb	03 11 12.9	+4.7
TDK	130nm,1.0s Jarkent 6.4m,0.6s	6.33	57	Pg	Pg	03 11 24.2	-2.7
DJR	19nm,0.7s			Lg	Lg	03 12 50.6	
KTMS	Ketmen 0.3nm,0.1s	6.35	66	Pg	Pg	03 11 22.3	-4.9
KTMS	13nm,0.7s			Lg	Lg	03 12 48.0	
KAPS	Kapalarasan 3.7m,0.7s	6.58	48	Pb	Pb	03 11 25.3	+5.1
KAPS	21nm,0.8s			Lg	Lg	03 12 52.8	
MAKZ	Makanchi 8.9m,1.1s	8.95	47	↑Lg	Lg	03 14 09.9	
MK31	Makanchi Array 2.1nm,0.6s,baz=234,slow=14,SNR=3.3	9.12	48	↑Pn	Pn	03 11 39.1	+1.7
MK31	3.4nm,0.7s,baz=239,slow=27,SNR=4.8	10.43	22	↑Lg	Lg	03 14 15.3	
KURBB	Kurchatov Arra 20m,0.7s	10.43	22	↑Lg	Lg	03 14 53.7	

RSUS3	Pocri, Los San	0.73	66	↑P	Pb	03 25 43.6	-0.3
PCRI3	STIA3	0.75	347	↑P	Pb	03 25 33.1	+0.3
PCRI3	STIA3			↑P	Pb	03 25 43.8	-0.7
STIA3	Puerto Vidal,	1.05	310	↑P	Pb	03 25 33.3	+0.1
PVID3	Penonome	1.21	23	eP	Pb	03 25 44.5	-0.5
PNME	Penonome	1.21	23	eP	Pb	03 25 44.2	-0.9
PNME	Penonome	1.21	23	eP	Pb	03 25 53.1	+0.5
PNME	Penonome	1.21	23	eP	Pb	03 25 40.9	-1.0
PNME	Penonome	1.21	23	eP	Pb	03 25 57.7	-0.4
PNME	Penonome	1.21	23	eP	Pb	03 25 40.7	-1.2
PNME	Penonome	1.21	23	eP	Pb	03 25 58.0	-0.1
NANC3	Nancito, Chiri	1.27	313	eP	Pb	03 25 51.2	-0.9
NANC3	Remedios, Chir	1.34	310	eP	Pb	03 26 09.5	+1.0
REME3	Remedios, Chir	1.34	310	eP	Pb	03 25 42.8	-1.6
REME3	El Valle, Coci	1.41	29	eP	Pb	03 26 02.5	+0.7
VTON	El Valle, Coci	1.41	29	eP	Pb	03 25 46.9	+1.2
VTON	Zangueanga, Cho	1.83	30	eP	Pb	03 26 03.9	+0.5
ZANG	Zangueanga, Cho	1.83	30	eP	Pb	03 25 51.4	+0.5
ZANG	David	1.95	303	eP	Pb	03 26 18.7	+1.2
DVD	David	1.95	303	eP	Pb	03 25 53.6	+0.9
DVD	Isla Barro Col	2.03	28	eP	Pb	03 26 20.8	+1.2
BCIP	Isla Barro Col	2.03	28	eP	Pb	03 25 54.6	+1.0
BCIP	Isla Barro Col	2.03	28	eP	Pb	03 25 45.6	+0.8
UPA	Univ. de Panam	2.03	38	eP	Pb	03 26 20.7	-1.0
UPA	Univ. de Panam	2.03	38	eP	Pb	03 25 54.4	+0.7
UPA	Univ. de Panam	2.03	38	eP	Pb	03 26 21.4	-0.5
UPA	Univ. de Panam	2.03	38	eP	Pb	03 26 31.5	
UPA	Univ. de Panam	2.03	38	eP	Pb	03 25 54.5	+0.7
UPA	Univ. de Panam	2.03	38	eP	Pb	03 26 19.1	-0.5
CHGR2	Aguaate	2.05	320	eP	Pb	03 25 54.3	+0.3
CHGR2	Aguaate	2.05	320	eP	Pb	03 26 22.9	+0.4
BCO2	Palmar	2.18	308	eP	Pb	03 25 56.8	+0.8
BRU2	Volcan	2.35	307	eP	Pb	03 25 59.5	+1.2
BRU2	Volcan	2.35	307	eP	Pb	03 26 28.2	+0.5
CN12	El Empalme, Bo	2.63	321	eP	Pb	03 26 06.1	-0.4
CN12	El Empalme, Bo	2.63	321	eP	Pb	03 26 41.9	-1.5
PIRO	Carate, Puerto	2.72	292	eP	Pb	03 25 56.7	+0.5
UPD2	Meteti	4.07	67	eP	Pb	03 25 59.7	+2.5
CBOC	Ciudad Bolivar	4.98	107	eP	Pb	03 26 33.4	-1.1

IDD 09 03:38:15.9; 1.0, 67.66N; 142.89E, h0km, mb3.77, mb1 3.9/9, mb1mx3.6/42, mbtmp3.6/9, ML3.0/1, MS3.0/1, Ms1 3.2/1, ms1mx2.3/38, Error ellipse: s-maj=24.4km s-min=16.5km az=8.0

YARS 09 03:38:16.5; 0.0, 67.61N; 142.96E, h12km, mb5.0/1, ML2.1/5

ISC 09 03:38:16.9; 0.6, 67.62N; 0.0; 142.93E; 0.0; 5, h10km, n15, i173/30, mb3.5/7, Eastern Siberia

MOMR	Moma	1.16	174	eP	Pb	03 38 37.2	-1.8
MOMR	Moma	1.16	174	eP	Pb	03 38 52.5	-1.5
YBGR	Belaya Gora	1.53	52	iPg	Pg	03 38 44.0	-0.3
YBGR	Belaya Gora	1.53	52	iPg	Pg	03 39 04.3	-0.4
DEPR	Deputatskiy	2.10	329	ePn	Pn	03 38 52.1	-0.1
DEPR	Deputatskiy	2.10	329	ePn	Pn	03 38 54.8	-0.4
DEPR	Deputatskiy	2.10	329	ePn	Pn	03 39 19.0	+0.6
DEPR	Deputatskiy	2.10	329	ePn	Pn	03 39 19.0	+0.6
DEPR	Deputatskiy	2.10	329	ePn	Pn	03 39 22.6	-1.9
UNR	Ust-Nera	3.06	178	ePn	Pn	03 39 22.6	-1.9
UNR	Ust-Nera	3.06	178	ePn	Pn	03 39 11.7	+0.3
UNR	Ust-Nera	3.06	178	ePn	Pn	03 39 41.8	-0.2
UNR	Ust-Nera	3.06	178	ePn	Pn	03 39 41.8	-0.2
UNR	Ust-Nera	3.06	178	ePn	Pn	03 39 52.1	+3.3
SEY	Seycham	6.14	135	Pn	Pn	03 39 48.6	+1.0
SEY	Seycham	6.14	135	Pn	Pn	03 41 30.2	
TIXI	Tiksi	6.35	316	Pn	Pn	03 39 51.0	+0.5
TIXI	Tiksi	6.35	316	Pn	Pn	03 40 59.8	-3.1
TIXI	Tiksi	6.35	316	Pn	Pn	03 41 30.7	
TIXI	Tiksi	6.35	316	Pn	Pn	03 39 51.2	+0.8
TIXI	Tiksi	6.35	316	Pn	Pn	03 40 11.2	+3.9
TIXI	Tiksi	6.35	316	Pn	Pn	03 41 02.7	-0.2
TIXI	Tiksi	6.35	316	Pn	Pn	03 41 02.7	-0.2
TIXI	Tiksi	6.35	316	Pn	Pn	03 41 35.4	-5.1
ILAR	Eielson Array	27.09	62	P	P	03 43 59.5	+0.2
SONM	Songino Array	27.13	242	P	P	03 44 01.6	+1.6
MKAR	Makanchi Array	36.85	267	P	P	03 45 24.5	-0.4
YKA	Yellowknife Arr	38.76	46	P	P	03 45 41.2	+0.4
AKASG	Main Array Be	52.05	312	P	P	03 47 25.8	-0.4
CMAR	Chiang Mai Arr	56.48	232	LR	LR	04 16 00.3	
PDAR	Pinedale Array	57.31	57	P	P	03 48 05.0	+0.3
NVAR	Mina Array Bea	58.27	66	P	P	03 48 12.5	+0.9

NNC 09 03:54:46.4; 3.3, 37.63N; 71.83E, h165km, mb2.7, mpv3.6, Error ellipse: s-maj=37.7km s-min=18.8km az=27.0

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
AML	Almayashu	5.				

Table with columns: Code, Station Name, Az, El, Phase ID, h, m, s, Res. Rows include PV22 Blue Mesa, PV07 Paradox Valley, PV02 Paradox Valley, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, h, m, s, Res. Rows include AP01 Chusmia, GO01 Chusmia, GO01 IROC Station P, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, h, m, s, Res. Rows include TX31 Lajitas Array, TX32 Lajitas Array, MIAR Mount Ida, etc.

NEIC 09 04:32:55.4+1.8, 19.93S:0.01x17.03W:0.04, h9km, 1km, mb4.9/50, Mw4.9/48, Mww4.9, ML4.7, Error ellipse: s-maj=7.1km s-min=2.7km az=99.0

Table with columns: Code, Station Name, Az, El, Phase ID, h, m, s, Res. Rows include PSGC Pisagua, PSGC Pisagua, TA01 Diego Aracena, etc.

GUC 09 04:32:58.0 0.7, 19.88S:71.10W, h37km, ML4.8, NEIC 09 04:32:58.9, 19.94S:70.84W, h9km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr0.25; Mw0.45; Mw-0.71; Mw0.79; Mw0.39; Mw-2.54; Fault plane solution: Me2.76000x10^16 NP1:ps162.69000, s84.25000, i89.86000. NP2:ps344.09000, s75.76000, i91.40000. Principal axes: T 2.4230, P1g51.0000, Azm73.0000; N 0.5739, P1g0.0000, Azm163.0000; P -2.9970, P1g39.0000, Azm253.0000.

Table with columns: Code, Station Name, Az, El, Phase ID, h, m, s, Res. Rows include TXAR Lajitas Array, TXAR Lajitas Array, VNAZ Lemayer-Watz, etc.

BUI 09 04:32:59.2+0.0, 20.21S:70.68W, h30km, mB5.2/6, Ms5.2/7, Ms7.4, IDC 09 04:32:59.7 0.8, 19.78S:70.71W, h29km, 4km, mb4.1/9, mb1.4/311, mb1mx4.2/24, mbtmp4.3/11, ML4.62, MS4.2/16, Ms1.4/216, ms1mx4.0/27, Error ellipse: s-maj=23.8km s-min=17.1km az=46.0

Table with columns: Code, Station Name, Az, El, Phase ID, h, m, s, Res. Rows include TX31 Lajitas Array, TX32 Lajitas Array, MIAR Mount Ida, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV Zalesovo Beam, MK31 Makanchi Array, and various other amateur radio stations.

MOS 09 05:32:31.1±1.3, 45°36'N, 150°15'E, h123km, mb4.0/10, Error ellipse: s-maj=11.1km s-min=8.7km az=84.6
SKHL 09 05:32:34.1±0.5, 45°21'N, 149°38'E, h126km, 4km, mb4.6/2, msh5.5/2
JMA 09 05:32:36.5±0.6, 44°64'N, 150°09'E, h128km, M3.5
NEIC 09 05:32:36.4±1.2, 45°0'N, 0.2±150°0'E, h120km, 11km, mb4.2/24, Error ellipse: s-maj=31.2km s-min=15.4km az=153.0
IDC 09 05:32:39.0±0.6, 45°89'N, 149°33'E, h134km, 46km, mb3.7/19, mb1.3/9.20, mb1mx3.7/39, mbtmp.4/20, MS3.4/2, M51.3/4.2, ms1mx2.7/41, Error ellipse: s-maj=51.5km s-min=12.9km az=178.0
ISC 09 05:32:31.7±0.6, 45°19'N, 0°08'15'E, 0°06, h100km, n117, e214/117, mb4.2/36, 2C-2D, Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KUR Kuril'sk, GRPR Tuman, and various other amateur radio stations.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JANG Tenhabayashi, JTH Tenhabayashi, and various other amateur radio stations.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ULM Lac du Bonnet, KIV Kislodovsk, and various other amateur radio stations.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GLKZ Green Lake, MWZ Matawai, and various other amateur radio stations.

SOME 09 05:37:35.9±0.4, 67°N, 78°40'E, h15km
KRNET 09 05:37:36.5±0.1, 40°68'N, 78°45'E, mb2.9
NNC 09 05:37:37.1±0.4, 40°73'N, 78°40'E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=5.8km s-min=3.8km az=165.0
ISC 09 05:37:41.0±1.8, 40°75'N, 0°08'78"E, 0.04, h10km, n66, e197/103, 30C-19D, Southern Xinjiang

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KDJ Kajisay, PRZ Przhnev'sk, and various other amateur radio stations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KURS Kuram, MTBS Matube, KST KasteK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUC 09 05:39:29.6, GUC 09 05:39:30.7, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SRIG Santa Rosalia, MIRA MIRA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Pn, S, Sn. Includes stations like MIJAS, BRAGANCA, ADAMUZ, etc.

SOME 09 07:23:22.9, 40.88N, 70.43E, h20km
NINC 09 07:23:23.8, 3.7, 40.92N, 70.70E, h0km, mb3.1, mpv2.9, Error ellipse: s-maj=29.7km s-min=15.3km az=23.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Pn, S, Sn. Includes stations like IUG, BTk, ARK, BRLS, etc.

DJA 09 07:25:34.7, 1.9, 3.5S, 13.9E, h18km, M4.1/5, mb4.2/1, MLv4.0/5, Irian Jaya

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Pn, S, Sn. Includes stations like FAKI, PATCX, GUC, ISC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Pn, S, Sn. Includes stations like PBDV, PVAQ, PVAF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB16, IPOC Station P, SONGIO SONGIO, KOREA ARR, LANZHOU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM SONGIO ARR, KRSR KOREA ARR, LZHZ LANZHOU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDFB BRASILIA, VAO VALINHOS, BSCB BOM SUCESSO, etc.

GUMO	Guam	25.42 336	LR	LR	08 46 44.5
CAN	Camberra	25.89 191	P	P	08 38 10.5 +2.2
CAN	Camberra	25.89 191	P	P	08 38 10.5 +2.2
CAN	Namlea	28.49 282	P	P	08 38 32.3 +0.5
BBOO	Buckleboo	28.73 215	P	P	08 38 34.3 +0.6
BBOO	Buckleboo	28.73 215	P	P	08 38 39.9
FITZ	Fitzroy Crossi	29.61 251	P	P	08 38 40.5 -1.2
FITZ	Sanana	29.68 283	P	P	08 38 44.4 +0.3
OZU	Omahuta	30.38 149	P	P	08 38 45.7 -2.5
OZU	Omahuta	30.38 149	P	P	08 38 56.2
AFI	Afiatalu	32.72 100	P	P	08 39 09.6 +0.3
AFI	Afiatalu	32.72 100	P	P	08 39 09.6 +0.3
AFI	Afiatalu	32.72 100	P	P	08 39 13.8
TAU	Tasmania Unive	33.56 190	P	P	08 39 18.5 +2.4
TAU	Tasmania Unive	33.56 190	P	P	08 39 18.5 +2.4
URZ	Urewera	34.51 148	P	P	08 39 26.3 +1.9
URZ	Urewera	34.51 148	P	P	08 39 32.0
YHNB	Yeheng	47.51 317	P	P	08 41 11.9 +0.2
YHNB	Inuyama	48.11 340	P	P	08 41 15.6 -0.4
JNU	Nakatsue	48.57 333	I	I	08 41 21.1
MJAR	Matsushiro	48.83 342	P	P	08 41 19.5 -2.0
MJAR	Matsushiro	48.83 342	P	P	08 42 46.1 +0.2
MJAR	Matsushiro	48.83 342	P	P	08 41 19.4 -2.2
MJAR	Matsushiro	48.83 342	P	P	08 41 19.1 -2.4
MAJO	Matsushiro	48.83 342	P	P	08 41 21.0 -0.6
MAJO	Matsushiro	48.83 342	P	P	08 41 29.5
MAT	Matsushiro	48.83 342	P	P	08 41 20.1 -1.4
MAT	Matsushiro	48.83 342	P	P	08 48 24.2 +1.6
MJB9	Matsu-Tunnel	48.83 342	I	I	08 41 29.5
DLV	T Lat	51.07 294	P	P	08 41 38.8 -0.4
DLV	Taeyon	52.88 332	eP	eP	08 41 50.8 -1.2
TJN	Qiongzhong	53.00 303	P	P	08 41 53.3 +0.1
QIZ	Qiongzhong	53.00 303	P	P	08 49 22.4 +1.5
QIZ	Qiongzhong	53.00 303	P	P	08 41 39.8
QIZ	Qiongzhong	53.00 303	P	P	08 41 39.8
QIZ	Qiongzhong	53.00 303	P	P	08 41 39.8
KSRS	Korea Array	53.51 333	P	P	08 41 55.8 -0.9
KSRS	Korea Array	53.51 333	P	P	09 02 06.5
KSAR	Wonju Array Be	53.52 333	P	P	08 41 56.5 -0.2
KSAR	Wonju Array Be	53.52 333	P	P	08 41 56.5 -0.2
NJ2	Nanjing	54.17 322	eP	eP	08 42 02.5 +0.9
IPM	Ipooh	55.64 282	P	P	08 42 11.6 -1.0
IPM	Ipooh	55.64 282	P	P	08 42 12.8
WHN	Wuhan	56.05 317	P	P	08 42 15.7 +0.5
WHN	Wuhan	56.05 317	P	P	08 50 00.7 -0.9
WHN	Wuhan	56.05 317	P	P	08 42 15.7 +0.5
WHN	Wuhan	56.05 317	P	P	08 50 00.7 -0.9
YSS	Yuzh-Sakhalins	57.65 350	eP	eP	08 42 26.4 +0.2
YSS	Yuzh-Sakhalins	57.65 350	eP	eP	08 42 26.4 +0.2
USA0B	Ussuriysk Arra	57.76 341	eP	eP	08 42 26.4 -0.6
USA0B	Ussuriysk Arra	57.76 341	eP	eP	08 42 26.6 -0.4
USRK	Ussuriysk Arra	57.76 341	P	P	09 02 44.7
USRK	Ussuriysk Arra	57.76 341	P	P	08 42 27.8 +0.8
USRK	Ussuriysk Arra	57.76 341	P	P	08 42 27.8 +0.8
USRK	Ussuriysk Arra	57.76 341	P	P	08 42 29.3 -1.8
MDJ	Mudanjiang	58.94 339	P	P	08 42 35.7 +0.5
MDJ	Mudanjiang	58.94 339	P	P	08 42 35.7 +0.5
MDJ	Mudanjiang	58.94 339	P	P	08 42 40.7 +0.6
MDJ	Mudanjiang	58.94 339	P	P	08 42 50.4 -1.3
PBKT	Sadao Ping	59.57 296	P	P	08 42 40.7 +0.6
EJI	Beijing	61.33 327	eP	eP	08 42 50.4 -1.3
EJI	Beijing	61.33 327	eP	eP	08 42 50.4 -1.3
BJI	Beijing	61.33 327	eP	eP	08 42 50.4 -1.3
BJI	Beijing	61.33 327	eP	eP	08 42 50.4 -1.3
TYV	Tymovskoe	61.46 351	eP	eP	08 42 56.7 +4.2
TYV	Tymovskoe	61.46 351	eP	eP	08 42 56.7 +4.2
KMI	Kunming	61.68 305	P	P	08 42 57.5 +2.8
KMI	Kunming	61.68 305	P	P	08 42 57.5 +2.8
KMI	Kunming	61.68 305	P	P	08 42 57.5 +2.8
KMI	Kunming	61.68 305	P	P	08 42 57.5 +2.8
XAN	Xi'an	61.82 317	P	P	08 42 53.7 -1.6
XAN	Xi'an	61.82 317	P	P	08 42 58.4 -6.5
XAN	Xi'an	61.82 317	P	P	08 42 58.4 -6.5
XAN	Xi'an	61.82 317	P	P	08 42 58.4 -6.5
XAN	Xi'an	61.82 317	P	P	08 42 58.4 -6.5
CMAR	Chiang Mai Arr	62.08 297	P	P	08 42 56.7 -0.5
CMAR	Chiang Mai Arr	62.08 297	P	P	08 42 58.4 +1.2
CMAR	Chiang Mai Arr	62.08 297	P	P	08 42 56.7 -0.5
CMAR	Chiang Mai Arr	62.08 297	P	P	08 42 58.4 +1.2
CMAR	Chiang Mai Arr	62.08 297	P	P	08 42 56.7 -0.5
CMAR	Chiang Mai Arr	62.08 297	P	P	08 42 58.4 +1.2
CHTO	Chiang Mai	62.21 297	P	P	08 42 58.5 +0.4
CHTO	Chiang Mai	62.21 297	P	P	08 42 58.5 +0.4
CHTO	Chiang Mai	62.21 297	P	P	08 42 58.5 +0.4
CHTO	Chiang Mai	62.21 297	P	P	08 42 58.5 +0.4
KLR	Kul'dur	62.33 343	I	I	09 09 38.6
KLR	Kul'dur	62.33 343	I	I	08 42 59.1 +0.8
KLR	Kul'dur	62.33 343	I	I	08 42 59.1 +0.8
KLR	Kul'dur	62.33 343	I	I	08 42 59.1 +0.8
GRNR	Gornyy	62.55 347	iP	iP	08 42 59.4 -0.3
GRNR	Gornyy	62.55 347	iP	iP	08 42 59.4 -0.3
PET	Petropavlovsk	62.75	eP	eP	08 43 02.5 +1.5
PET	Petropavlovsk	62.75	eP	eP	08 51 28.3 +1.0
PET	Petropavlovsk	62.75	eP	eP	08 43 02.5 +1.5
PET	Petropavlovsk	62.75	eP	eP	08 51 28.3 +1.0
PETK	Petropavlovsk	62.80	P	P	08 43 01.1 -0.3
PETK	Petropavlovsk	62.80	P	P	08 43 01.1 -0.3

PETK	Petropavlovsk	62.80	P	P	08 43 01.5 +0.1
PETK	Petropavlovsk	62.80	P	P	08 43 01.5 +0.1
CD2	Chengdu	63.72 312	P	P	08 43 08.1 +0.1
CD2	Chengdu	63.72 312	P	P	08 51 43.4 +2.9
CD2	Chengdu	63.72 312	P	P	08 43 08.1 +0.1
CD2	Chengdu	63.72 312	P	P	08 51 43.4 +2.9
CD2	Chengdu	63.72 312	P	P	08 43 08.1 +0.1
CD2	Chengdu	63.72 312	P	P	08 51 43.4 +2.9
HHC	Hu-ho-hao-te	64.45 325	eP	eP	08 43 14.2 +1.6
HHC	Hu-ho-hao-te	64.45 325	eP	eP	08 43 14.2 +1.6
HHC	Hu-ho-hao-te	64.45 325	eP	eP	08 43 14.2 +1.6
HHC	Hu-ho-hao-te	64.45 325	eP	eP	08 43 14.2 +1.6
HHC	Hu-ho-hao-te	64.45 325	eP	eP	08 43 14.2 +1.6
HHC	Hu-ho-hao-te	64.45 325	eP	eP	08 43 14.2 +1.6
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5
LZH	Lanzhou	66.41 316	iP	iP	08 58 31.3 +0.4
LZH	Lanzhou	66.41 316	iP	iP	08 43 26.4 +0.9
LZH	Lanzhou	66.41 316	iP	iP	08 43 33.9 -1.3
LZH	Lanzhou	66.41 316	iP	iP	08 43 37.4 -1.5

TA01	Diego Aracena	1.18 142	iP	Pb	09 46 55.0 +0.1						
TA01			iS	Sn	09 47 10.2 -1.2						
TA01			IAML		09 47 15.5						
PB11	IPOC Station P	1.23 96	iP	Pg	09 46 56.2 +0.3						
PB11			iS	Sn	09 47 13.2 +0.4						
PB11			IAML		09 47 14.9						
MMNC	Minye Minye	1.38 69	iP	Pg	09 46 59.0 +0.3						
MMNC			iS	Sg	09 47 17.8 +1.2						
MMNC			IAML		09 47 20.1						
AP01	Chacalluta	1.38 25	iP	Pg	09 46 58.8 +0.1						
AP01			iS	Sg	09 47 16.4 -0.2						
AP01			IAML		09 47 24.1						
PATCX	Punta Patache	1.41 148	iP	Pn	09 46 58.1 -0.1						
PATCX			iS	Sg	09 47 23.5						
GO01	Chusmiza	1.66 92	iP	Pg	09 47 03.4 -0.8						
GO01			iS	Sg	09 47 26.4 +0.7						
PB08	IPOC Station P	1.77 107	iP	Pg	09 47 04.6 -1.6						
PB08			iS	Sg	09 47 28.6 -0.7						
PB08			IAML		09 47 32.3						
PB16	IPOC Station P	1.88 47	iP	Pb	09 47 06.9 -0.2						
PB16			iS	Sg	09 47 32.8 0.0						
PB16			IAML		09 47 34.9						
PB02	IPOC Station P	1.95 150	iP	Pn	09 47 06.0 +0.2						
PB02			iS	Sg	09 47 40.6						
PB01	IPOC Station P	1.97 136	iP	Pn	09 47 06.7 +0.7						
PB01			iS	Sg	09 47 39.7						
PB07	IPOC Station P	2.31 155	eP	Pn	09 47 11.0 +0.1						
PB07			iS	Sg	09 47 36.5 -3.1						
PB07			IAML		09 48 04.1						
PB03	IPOC Station P	2.66 155	eP	Pn	09 47 15.6 0.0						
PB03			iS	Sg	09 47 45.5 -2.5						
PB03			IAML		09 48 09.8						
PB09	IPOC Station P	2.69 144	eP	Pn	09 47 17.7 +1.7						
PB09			iS	Sg	09 47 47.5 -1.3						
PB09			IAML		09 48 06.4						
PB04	IPOC Station P	2.79 165	iP	Pn	09 47 16.6 -0.8						
PB04			iS	Sg	09 47 47.2 -4.2						
PB04			IAML		09 48 06.5						
PB05	IPOC Station P	3.28 168	eP	Pn	09 47 22.9 -1.3						
PB05			iS	Sg	09 48 28.4						
PB06	IPOC Station P	3.32 157	eP	Pn	09 47 25.2 +0.6						
PB06			iS	Sg	09 48 23.3						
LVC	Limon Verde	3.53 148	Pn	Pn	09 47 29.3 +1.7						
LVC			Pb	Pb	09 47 36.8 +1.6						
LVC			Sn	Sn	09 48 09.3 -0.5						
LVC			Lg	Lg	09 48 21.4						
LVC			LR	LR	09 48 48.3						
LPAZ	La Paz	4.27 39	Pn	Pn	09 47 45.1 -2.9						
SIV	San Ignacio	10.08 71	Pn	Pn	09 48 58.6 +1.1						
SIV			LR	LR	09 53 02.6						
PTGA	Pitinga	21.65 31	Pn	Pn	09 51 21.2 -2.0						
YKA	Yellowknife Arr	88.80 341	P	P	09 59 35.6 +9.3						
MKAR	Makanchi Array	145.18 33	PKPbc	PKPbc	10 06 19.4 +5.0						

MW4.3
NEIC 09 09:54:00.8±2.1, 19.933±0.03; 71.09W, 0.04, h10km, 4km, mb4.2/5, Mwr4.2/44, ML4.0(GUC), Error ellipse: s-maj=6.3km s-min=4.1km az=123.0, IDC 09 09:54:01.0±1.0, 19.705±0.07; 70.81W, h0km, mb3.9/7, mb1.4/1.9, mb1mx3.9/32, mbtmp3.9/9, ML4.0/2, Error ellipse: s-maj=26.3km s-min=18.8km az=59.0

NEIC 09 09:54:01.6, 19.975±0.07; 71.07W, h10km, Moment Tensor Solution. Moment tensor: Scale 10¹⁹Nm; Mrr1.65; Mss-0.04; Mss-1.61; Mss0.16; Mss0.97; Mrr-1.02; Fault plane solution: M2 16000x10¹⁵ NP1=164.45000°, 3.59 85000°, λ101.60000°, NP2=322.12000°, 3.32 13000°, λ70.82000°. Principal axes: T 1.9499, P1g73.0000°, Azm103.00000°; N 0.3703, P1g10.0000°, Azm339.00000°; -2.3202, P1g14.00000°, Azm246.00000°;

GUC 09 09:54:02.7±0.6, 19.885±0.13; 71.13W, h38km, ML4.0
VAO 09 09:54:07.4±1.4, 19.933±0.07; 70.87W, h57km, 7km, mb4.2
ISC 09 09:54:00.4±1.1, 19.945±0.02; 71.13W, 0.05, h9km, 6km, n90, ±f53/129, mb4.1/7, 18C-1D, Off coast of northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
PSGC	Pisagua	1.00	71	iP	09 54 19.1 -0.9			
PSGC				iS	09 54 32.4 -1.0			
PSGC				Sb	09 54 19.4 -0.6			
PSGC				Sg	09 54 32.4 -1.0			
PSGC				iP	09 54 19.1 -0.9			
PSGC				Sb	09 54 32.4 -1.0			
TA01	Diego Aracena	1.09	125	iP	09 54 21.5 +0.1			
TA01				iS	09 54 35.1 -0.3			
TA01				Sb	09 54 36.1			
PATCX	Punta Patache	1.27	134	iP	09 54 24.2 -0.2			
PATCX				iS	09 54 39.5 -1.5			
PATCX				Sb	09 54 55.5			
PATCX	Punta Patache	1.27	134	Pn	09 54 24.2 -0.2			
PATCX			Sn	Sb	09 54 39.5 -1.5			
PATCX	Punta Patache	1.27	134	iP	09 54 24.2 -0.2			
PATCX			iS	Sb	09 54 47.0 +5.4			
PB11	IPOC Station P	1.40	83	iP	09 54 25.6 -0.5			
PB11			iS	Sb	09 54 43.6 -1.2			
PB11			IAML		09 54 45.9			
PB11	IPOC Station P	1.40	83	Pn	09 54 25.6 -0.5			
PB11			iP	Sb	09 54 25.7 -0.5			
PB11			iS	Sb	09 54 43.6 -1.2			
PB11			IAML		09 54 48.0			
PB12	IPOC Station P	1.52	30	iP	09 54 27.1 -0.7			
PB12			iS	Sb	09 54 45.6 -2.2			
PB12			IAML		09 54 54.4			
PB12	IPOC Station P	1.52	30	Pn	09 54 26.9 -0.9			
PB12			Sn	Sb	09 54 46.4 -1.4			
PB12			iP	Sb	09 54 27.1 -0.7			
PB12			iS	Sb	09 54 45.6 -2.2			
MMNC	Minye Minye	1.65	61	iP	09 54 29.5 -0.3			
MMNC			iS	Sb	09 54 50.7 -1.5			
MMNC			IAML		09 55 01.5			
MMNC	Minye Minye	1.65	61	Pb	09 54 30.0 -1.1			
MMNC			iP	Sb	09 54 30.1 -1.1			
MMNC			iS	Sb	09 54 51.2 -1.0			
MMNC			IAML		09 54 57.9			
AP01	Chacalluta	1.73	26	iP	09 54 30.0 -0.6			
AP01			iS	Sb	09 54 50.5 -2.2			
PB02	IPOC Station P	1.80	140	iP	09 54 31.8 +0.1			
PB02			iS	Sb	09 55 03.2 -1.4			
PB02			IAML		09 55 05.6			
PB02	IPOC Station P	1.80	140	Pn	09 54 31.8 +0.1			
PB02			iS	Sb	09 54 53.2 -1.4			
PB02			IAML		09 55 05.6			
GO01	Chusmiza	1.84	82	iP	09 54 32.5 -0.1			
GO01			iS	Sb	09 54 56.0 -0.3			
GO01			Sn	Sb	09 54 32.8 +0.2			
GO01			Sg	Sb	09 54 57.3 -0.5			
PB08	IPOC Station P	1.87	97	iP	09 54 32.5 -0.1			
PB08			iS	Sb	09 54 57.2 -1.3			
PB08			IAML		09 55 04.2			
PB08	IPOC Station P	1.87	97	Pb	09 54 33.5 -1.4			
PB08			Sg	Sb	09 54 57.9 -0.7			
PB08			iS	Sb	09 54 32.8 -0.1			
PB08			iS	Sb	09 54 57.7 -0.8			
PB08			IAML		09 55 07.3			
PB01	IPOC Station P	1.89	126	iP	09 54 33.3 +0.3			
PB01			iS	Sb	09 55 06.9			
PB01	IPOC Station P	1.89	126	Pn	09 54 33.3 +0.3			
PB01			iP	Sb	09 54 36.3 +0.6			
PB01			iS	Sb	09 54 56.3 0.0			
PB01			IAML		09 55 05.2 -2.4			
PB07	IPOC Station P	2.13	147	Pn	09 54 37.5 +0.2			
PB07			iP	Sb	09 54 36.8 0.0			
PB07			iS	Sb	09 54 51.2 -2.4			
PB07			IAML		09 55 14.0			
PB16	IPOC Station P	2.21	44	iP	09 54 37.7 0.0			
PB16			iS	Sb	09 54 37.8 0.0			
PB16			IAML		09 55 07.2 -1.3			
PB16			Sb	Sb	09 55 11.2 0.1			
PB03	IPOC Station P	2.46	149	iP	09 54 41.0 +0.1			
PB03			iS	Sb	09 55 09.1 -2.2			
PB03			IAML		09 55 30.6			
PB03	IPOC Station P	2.46	149	Pn	09 54 41.0 +0.1			
PB03			iP	Sb	09 55 28.9			
PB04	IPOC Station P	2.55	159	iP	09 54 42.0 -1.0			
PB04			eS	Sb	09 55 10.6 -2.9			
PB04			IAML		09 55 36.6			
PB04	IPOC Station P	2.55	159	Pn	09 54 41.9 -0.3			
PB04			iP	Sb	09 54 42.0 -1.0			
PB04			iS	Sb	09 55 10.6 -2.9			
PB04			IAML		09 55 34.7			
PB04	IPOC Station P	2.56	13					

GUC 09 10:04:06.2.0.3,24'48S:67.00W,h235km,14km,ML5.1, MW5.1

ISC 09 10:04:04.0.6,24.545S:0.04,66.65W,0.04,h193km,6km, n139,r1963/175,mb4.4/28,13C-2D,Salta Province

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

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

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

Table with columns: H10N2, H10N1, H10S3, H10S2, LPAZ, LPAZ, LPBZ, DBIC, KEST, BORG, TXAR, NOA, AKASA, YKA, YKA, ILAR. Includes station names, codes, and coordinates.

UPA 09 10:29:21.3 1.5 5:00N:77:64W, h43km, 42km, MW4.4
RSCN 09 10:29:22.6 1.0 5:23N:77:58W, h24km, 9km, ML2.9, Mw3.4

ISC 09 10:29:18.2-1.7 5:27N:073:57W, 0.03, h2km, 13km, n32, e188/52, 9C-3D, Near west coast of Colombia

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pizarro, Bahia Solano, Santa Helena, etc.

ISC 09 10:42:53.0 3.1 24:72N:95:13E, h134km, 34km, mb3.4/3, mb1 3.7/5, mb1mx3.1/59, mbtmp3.9/5, MS2.9/1, Ms1 2.9/1, ms1mx2.5/32, Error ellipse: s-maj=31.8km s-min=19.2km az=48.0

ISC 09 10:42:50.8 1.1 24.9N:01:95:19E:0.10, h112km, n16, e1541/22, mb3.7/3, Myanmar

Table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Shillong, Bariaadhala, etc.

Table listing seismic stations WRA, ASAR with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ISC 09 10:57:19.2-4.0 5:77S:152:21E, h43km, 31km, mb3.7/5, mb1 4.0/6, mb1mx3.5/38, mbtmp4.0/6, ML2.1/1, Error ellipse: s-maj=52.1km s-min=10.1km az=112.0

ISC 09 10:57:18.2-1.6 5:85S:01:152:3E:0.2, h36km, n7, e0873/9, mb4.0/5, New Britain region

Table listing seismic stations KRVT, PMG, WRA, ASAR, FITZ, SONM, ILAR with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

PGC 09 11:02:32.8 0.4 50:53N:130:35W, h10km, MLSn3.3/33, Mw3.9/33, 207km west of Pt. Hardy, Bc Vancouver Island, Canada Ridge

ISC 09 11:02:36.6 1.3 50:74N:129:62W, h0km, mb3.5/2, mb1 4.0/7, mb1mx3.6/43, mbtmp3.6/7, ML3.6/5, MS3.2/1, Ms1 3.2/1, ms1mx2.5/36, Error ellipse: s-maj=17.2km s-min=9.9km az=96.0

ISC 09 11:02:33.1 0.9 50:56N:01:06:130:26W:0.05, h10km, n79, e1860/87, Vancouver Island region

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOLB, BROOKS, MAYB, etc.

SOME 09 11:03:54.1 40:80N:69:70E, h15km, KRNET 09 11:03:54.1 0.1, 41:09N:69:46E, mb2.7, NNC 09 11:03:56.5 2.7, 40:88N:69:83E, h0km, mb3.3, mpv3.1, Error ellipse: s-maj=19.9km s-min=13.2km az=46.0

ISC 09 11:03:52.8 2.2 40:85N:00:09:69:2E:0.1, h19km, 5km, n14, e1938/23, 10C-5D, Tajikistan

Table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IUG, BTK, BRLS, ARK, etc.

SJA 09 11:06:09.7 1.1 20:80S:70:95W, h7km, 9km, ML4.4, MW4.4

ISC 09 11:06:12.5 0.6 20:57S:70:72W, h0km, mb4.3/14, mb1 4.5/16, mb1mx4.4/30, mbtmp4.4/16, ML4.6/2, MS3.9/2, Ms1 4.0/2, ms1mx3.2/26, Error ellipse: s-maj=19.2km s-min=15.5km az=51.0

NEIC 09 11:06:14.1 1.6 20:84S:70:03:76W:0.04, h14km, 3km, mb4.6/62, Mw4.6/51, ML4.9(GUC), Error ellipse: s-maj=5.6km s-min=4.4km az=95.0

GUC 09 11:06:14.6 0.7 20:78S:70:81W, h15km, 4km, ML4.9

NEIC 09 11:06:15.5 20:84S:70:74W, h10km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=38; Mw=2.42; Mw=5.96; Mw=0.17; Mw=4.96; Mw=1.54; Fault plane solution: Ms=10000x10^15 Np1=316.960000, d41.820000, 1.78.380000, NP2=152.390000, d49.220000, 1.700.00000, Principal axes: T=8.5926, Plg81.00000, Azm120.00000, N=0.9423, Plg90.00000, Azm326.00000, P=9.5348, Plg4.00000, Azm235.00000

VAO 09 11:06:18.2 0.9 20:69S:70:65W, h54km, 6km, mb4.5

ISC 09 11:06:13.7 0.8 20:78S:02:70:79W:0.04, h14km, 5km, n209, e1927/234, mb4.5/38, 5C-13D, Near coast of northern Chile

Table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PATCX, TA01, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, S, I, A, M, L, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like IPOC Station P, Chacalluta, Limon Verde, etc.

Table with columns: ID, Name, RA, Dec, Az, El, P, S, I, A, M, L, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like Mesa Verde, Lac Vacive, WUAZ Wupatki, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries like Diego Aracena, Punta Patache, Pisagua, etc.

SJA 09 11:14:42.81.1.20:62Sx71:01W, h35km, 22km, ML5.1, MWV5.1
IDC 09 11:14:42.0.8.2.0:48S:70:61W, h0km, mb4.9/25, mb1.4/8.30, mb1mx4.8/39, mbmp4.7/30, ML4.25, MS4.5/16, Ms1.4/5.16, ms1mx3.2/25, Error ellipse: s-maj=17.9km s-min=9.5km az=62.0
NEIC 09 11:14:43.9.1.9.20:60S:0:04:70:80W, h10km, mb5.2/2km, mb5.3/361, Mwr5.1/48, Mww5.2, Mwr5.5(GUC), Error ellipse: s-maj=6.2km s-min=4.5km az=216.0
VAO 09 11:14:43.9.1.0.20:66S:70:78W, h16km, 7km, mb5.2
MOS 09 11:14:44.1.1.20:46S:70:67W, h17km, mb5.4/59, Error ellipse: s-maj=12.1km s-min=5.9km az=112.3
GUC 09 11:14:44.7.0.8.20:62S:70:92W, h23km, 3km, ML5.0, MWV5.5
NEIC 09 11:14:45.1.20:61S:70:77W, h13km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; M2:39; Mw0.85; Mw0.3; Mw1.41; Mw0.19; Mw0.506; Fault

LVC	comp=Z,177nm,0.3s,baz=301,slow=10,SNR=728	LR	LR	11 15 58.3	
LVC	comp=Z,3um,19.0s,baz=306,slow=29	Sn	Sn	11 16 02.2 +2.7	
LVC	comp=Z,252nm,0.3s,baz=45,slow=23,SNR=6.3	Lg	Lg	11 16 07.5	
LVC	comp=Z,357nm,0.3s,baz=237,slow=20,SNR=9.4	Pn	Pn	11 15 28.3 +0.5	
LVC	Limón Verde	2.66 140	iP	11 16 01.6 +2.2	
LVC	Limón Verde	2.66 140	iP	11 15 28.5 +0.7	
LVC	Limón Verde	2.66 140	iP	11 15 28.3 +0.5	
LVC	Limón Verde	2.66 140	iP	11 16 07.9 +2.4	
LVC			IAML	11 16 19.7	
GP15	comp=Z,6um,1.4s				
IPOC Station P	2.88 156	eP	Pn	11 15 28.9 -1.8	
PB15		iS	Sn	11 16 02.9 -1.9	
PB15	IPOC Station P	2.88 156	iP	11 15 29.1 -1.6	
PB15	IPOC Station P	2.88 156	iP	11 15 28.9 -1.8	
PB15		iS	Sb	11 16 17.2 +5.4	
PB15			IAML	11 16 24.8	
PB10	comp=Z,11um,0.7s				
IPOC Station P	2.93 176	iP	Pn	11 15 28.1 -3.1	
PB10		iP	Sb	11 15 27.8 -3.4	
PB10		iS	Sb	11 16 20.1 +7.0	
PB10			IAML	11 16 29.5	
PB14	comp=Z,4um,1.3s				
IPOC Station P	4.05 175	iP	Pn	11 15 43.3 -3.5	
PB14		iP	Sb	11 15 43.4 -3.5	
PB14		iS	Sb	11 16 52.2 +6.7	
PB14			IAML	11 17 06.5	
GO02	Mina Guanaco	4.69 167	Pn	11 15 53.4 -2.3	
LPAZ	La Paz	4.94 31	Pn	11 16 04.4 +5.0	
LPAZ	comp=Z,4.6nm,0.3s,baz=241,slow=42,SNR=83	LR	LR	11 17 59.1	
LPAZ	comp=Z,2um,20.1s,baz=223,slow=41	LA	LA	11 16 02.0 +2.6	
LPAZ	La Paz	4.94 31	Pn	11 16 03.0 +3.5	
YJA	Yavi	5.14 109	iP	11 16 05.7 +3.7	
YJA		iS	Sb	11 17 00.6 +3.6	
YJA			IAML	11 17 22.7	
HJA	comp=Z,260nm,2.2s				
HJA	Humahuaca	5.61 119	iP	Pn	11 16 11.3 +2.8
HJA			IAML	11 17 45.8	
AZAP	comp=Z,176nm,1.9s				
AZAP	Zapla	6.39 126	iP	Pn	11 16 20.2 +1.1
AZAP			IAML	11 19 01.5	
GO03	comp=Z,136nm,2.7s				
GO04	Copiap	7.00 176	Pn	11 16 24.5 -2.8	
SIV	Tolío Observatorio	9.56 180	Pn	11 17 01.0 -1.5	
SIV	San Ignacio	10.26 65	Pn	11 17 10.6 -1.4	
NNA	comp=Z,8.8nm,0.3s,baz=266,slow=9.1,SNR=66	Pn	Pn	11 17 14.1 +0.9	
NNA	Nana	10.34 325	Pn	11 17 14.1 +0.9	
NNA	comp=Z,1.2nm,0.3s,baz=110,slow=15,SNR=4.6	Sn	Sn	11 19 00.8 -7.6	
NNA		LR	LR	11 21 16.0	
NNA	comp=Z,3.4nm,0.3s,baz=161,slow=6.1,SNR=3.7	LR	LR	11 21 16.0	
NNA	Nana	10.34 325	iP	Pn	11 17 15.5 +2.3
NNA			pmax		
NNA	comp=Z,40nm,1.0s				
NNA	Nana	10.34 325	Pn	11 17 10.9 -2.3	
ROCI	El Roble	12.36 181	Pn	11 17 40.2 -0.6	
CPUP	Villa Florida	13.58 117	Pn	11 17 55.7 -1.7	
CPUP	comp=Z,0.2nm,0.3s,baz=291,slow=13,SNR=5.7	LR	LR	11 23 53.3	
CPUP	comp=Z,3um,18.0s,baz=296,slow=41	Pn	Pn	11 17 57.2 -0.2	
CPUP	Villa Florida	13.58 117	Pn	11 17 57.2 -0.2	
SAML	Samuel	13.68 33	Pn	11 17 56.9 -1.8	
SAML	Samuel	13.68 33	Pn	11 17 56.9 -1.8	
GO05	Huala	14.42 184	Pn	11 18 08.4 -0.3	
SALV	Santo Antonio	15.04 174	eP	11 18 16.7 -0.6	
ATAH	Atahualpa	15.27 330	Pn	11 18 21.6 +0.9	
ATAH	comp=Z,0.3nm,0.3s,baz=157,slow=10.0,SNR=5.3	Pn	Pn	11 18 41.4 -0.9	
TRCB	Terra Rica	16.99 101	eP	11 18 50.7 -0.9	
PTGB	Pitanga	17.73 107	eP	11 18 55.8 -1.7	
PCMB	Pacamabu	18.22 97	eP	11 18 57.9 -0.7	
ITAB	Concordia	18.26 115	eP	11 18 57.9 -0.7	
CP5B	Cacapaova Do Su	18.42 126	eP	11 18 57.0 -2.8	
ARAG	Araguaiana, MT	18.64 78	eP	11 19 01.5 -0.8	
GO06	Curarahue	18.96 182	eP	11 19 05.1 -0.7	
PLTB	Pedras Altas	18.98 129	eP	11 19 04.0 -1.9	
CNLE	Camela	20.01 194	eP	11 19 16.6 -0.7	
PLCA	Paso Flores	20.10 180	Pn	11 19 18.5 +0.4	
PLCA	comp=Z,29nm,0.9s,baz=359,slow=12,SNR=32	Pn	Pn	11 19 18.5 +0.4	
PLCA			pmax		
PLCA	comp=Z,93nm,0.9s				
PLCA	Paso Flores	20.10 180	Pn	11 19 17.9 -0.2	
PLCA			IAMB	11 19 27.0	
PLCA	comp=Z,93nm,0.9s				
PLCA	Paso Flores	20.10 180	eP	11 19 16.7 -1.4	
TIJ01	Guaruvá-PR	20.57 107	eP	11 19 17.0 -0.8	
IPMB	Ipameri, GO	21.43 87	eS	11 19 32.0 -0.7	
IPMB			S	11 23 30.5 +0.8	
SPB	Sao Paulo	21.81 102	Pn	11 19 37.0 +0.2	
SPB			IAMB	11 19 39.9	
SPB	comp=Z,124nm,1.1s				
SPB	Sao Paulo	21.81 102	eP	11 19 35.4 -1.3	
SPB			S	11 23 37.8 +0.9	
BDFB	Brasilia	22.16 81	Pn	11 19 38.3 -2.3	
BDFB	comp=Z,31nm,1.0s,baz=264,slow=12,SNR=19	LR	LR	11 29 47.8	
BDFB	comp=Z,7um,18.3s,baz=261,slow=41	LR	LR	11 29 47.8	
BDFB	Brasilia	22.16 81	Pn	11 19 39.5 -1.1	
BDFB			pmax		
BDFB	comp=Z,79nm,1.1s				
BDFB	Brasilia	22.16 81	Pn	11 19 39.5 -1.1	
BDFB			IAMB	11 19 45.9	
VAO	Valinhos	24.22 101	eP	11 19 39.5 -1.7	
PTGA	Pitinga	24.26 29	Pn	11 19 40.6 -2.0	
PTGA	comp=Z,130nm,0.8s,baz=209,slow=11,SNR=44	LR	LR	11 28 20.8	
PTGA	comp=Z,841nm,19.9s,baz=208,slow=37	Pn	Pn	11 19 41.2 -1.5	
PTGA	Pitinga	24.26 29	Pn	11 19 44.8	
PTGA			IAMB		
PTGA	comp=Z,145nm,0.9s				
PTGA	Pitinga	24.26 29	eP	11 19 42.5 -0.2	
CMBC	Cumbal	24.48 341	eP	11 19 57.4 +1.3	
FLOC	Florencia	24.54 347	eP	11 19 45.0 +0.4	
MACC	Macarena, Meta	24.78 352	eP	11 19 47.2 +0.1	
CRUC	La Cruz	24.92 344	eP	11 19 47.0 +0.0	
GARC	Garcara, Huila	25.09 348	eP	11 19 50.6 0.0	
SOTA	Rioblanco	25.29 345	eP	11 19 53.9 +1.1	
PCON	Cinco Dias	25.42 346	eP	11 19 56.9 +2.6	
PARB	Parabuna	25.46 101	eP	11 19 51.9 -2.2	
BETC	Betania	25.56 348	eP	11 19 56.3 +1.3	
BSCC	Bom Sucesso	26.29 366	eP	11 20 01.6 -0.3	
PRAC	Prado	26.48 350	eP	11 20 05.0 +1.5	
PTC3	Puerto Gaitan,	26.65 357	eP	11 20 05.2 0.0	
VILC	Vilavencio,	26.70 353	eP	11 20 00.5 -5.2	
ORTC	Ortega, Tolima	26.73 349	eP	11 20 07.0 +1.2	
MANR1	Angra dos Reis	27.14 349	eP	11 20 06.2 -1.9	
YOTO	Yotoco, Valle	25.01 347	eP	11 20 11.5 +2.9	
CHIC	Chingaza	25.22 353	eP	11 20 10.2 -0.5	
ANIL	Santa Ana	25.32 349	eP	11 20 12.4 +0.9	
TOLC	Tolima	25.40 349	eP	11 20 13.6 +1.3	
VAS01	Vassouras-RJ	25.47 349	eP	11 20 12.5 -0.1	
R050	El Rosal	25.50 352	Pn	11 20 14.6 +1.3	
R050	comp=Z,30nm,0.7s,baz=211,slow=3.4,SNR=10	Pn	Pn	11 20 15.0 +1.8	
R050	El Rosal	25.50 352	Pn	11 20 15.5 +2.3	
R050	El Rosal	25.50 352	Pn	11 20 15.0 +1.8	
R050			IAMB	11 20 34.1	
RREF	El Recreo	25.71 349	eP	11 20 17.4 +1.9	
JANB	Januaria	25.75 82	eP	11 20 14.6 -0.6	
GUY2C	Guyana, Caldas	26.03 349	eP	11 20 19.5 +1.3	
NORC	Norcasia	26.29 351	eP	11 20 20.9 +0.9	
RUSC	La Rusia	26.40 355	eP	11 20 22.4 +0.9	
CBCC	Ciudad Bolívar	26.70 349	eP	11 20 23.3 +1.2	
HELK	Santa Helena	27.01 349	eP	11 20 26.4 -0.5	
PTBC	PUERTO BERRIO,	27.19 352	eP	11 20 26.7 -1.4	
PAMC	Pampolona, Colo	27.80 356	eP	11 20 34.4 +0.2	
SJMB	Sao Joao De Ma	27.89 349	eP	11 20 33.9 -0.6	
DBBC	Dabeiba	27.94 348	eP	11 20 36.2 +1.3	
BSFB	Barra de Sao F	28.19 349	eP	11 20 36.4 -0.8	
SDV	Santo Domingo	29.27 0	Pn	11 20 46.0 -0.9	
SDV	comp=Z,23nm,0.9s,baz=209,slow=3.4,SNR=16	Pn	Pn	11 20 46.1 -0.8	
SDV	Santo Domingo	29.27 0	Pn	11 20 46.0 -0.9	

SDV	Santo Domingo	29.27 0	eP	P	11 20 46.1 -0.8
SMLC	San Martín de	29.37 353	eP	P	11 20 45.8 -1.7
BAUV	El Baul	29.45 5	eP	P	11 20 45.9 -2.4
SJCC	San Jacinto, C	30.59 351	eP	P	11 20 58.4 0.0
GO09	Cerro Castillo	30.66 182	eP	P	11 20 59.2 +0.6
GIUV	Gutierrez	32.14 16	eP	P	11 21 06.9 5.2
EFI	East Falkland	32.59 165	Pn	P	11 21 15.1 -0.5
EFI			pmax		
EFI	comp=Z,339nm,1.0s				
EFI	East Falkland	32.59 165	Pn	IAMB	11 21 15.1 -0.5
EFI				IAMB	11 21 25.4
TO5P	Speyside	33.23 19	Pn	P	11 21 21.5 0.0
GRGR	Grenville	33.71 16	eP	P	11 20 15.9
GMCP	Grenada, Carri	34.11 16	eP	P	11 21 24.7 -4.4
USHA	Ushuaia	34.25 178	Pn	P	11 21 30.2 +0.3
GM07	comp=Z,1.0nm,0.8s,baz=265,slow=3.6,SNR=8.7				
BBGH	Gun Hill	35.27 19	eP	P	11 21 45.6 +6.5
SLBI	Saint Lucia, B	35.70 16	eP	P	11 21 39.7 -3.2
PDF	Fort de France	36.33 16	eP	P	11 21 39.7 -8.7
RCBR	Riachuelo	36.85 71	Pn	P	11 21 53.1 +0.2
RCBR			pmax		
RCBR	comp=Z,160nm,1.1s				
RCBR	Riachuelo	36.85 71	eP	P	11 21 53.1 +0.2
RCBR	Riachuelo	36.85 71	eP	P	11 21 53.0 +0.1
TGHU	Tegucigalpa,Un	36.05 333	IAMB	IAMB	11 22 02.8 -0.3
TGHU				IAMB	11 22 09.6
ICMP	Isla Caja de M	38.45 6	Pn	P	11 22 04.3 -1.9
ICMP			IAMB	IAMB	11 22 08.1
MLPR	Maguayes Islan	38.48 6	Pn	P	11 22 05.6 -0.8
CRPR	Cabo Rojo, PR	38.51 6	Pn	P	11 22 05.3 -1.3
OBIP	Obispado Ponce	38.59 6	Pn	P	11 22 04.5 -2.9
OBIP			IAMB	IAMB	11 22 07.9
PDPDR	Patillas Dam,	38.63 7	Pn	P	11 22 05.6 -2.2
PDPDR			IAMB	IAMB	11 22 06.9
MPR	comp=Z,53nm,0.8s				
MPR	Mayaguez	38.71 5	Pn	IAMB	11 22 06.6 -1.7
MPR			IAMB	IAMB	11 22 13.3
SJG	comp=Z,99nm,1.2s				
SJG	San Juan	38.71 7	Pn	P	11 22 06.9 -1.5
SJG			pmax		
SJG	comp=Z,86nm,1.1s				
SJG	San Juan	38.71 7	Pn	IAMB	11 22 06.9 -1.5
SJG			IAMB	IAMB	11 22 07.6
BANI	BANI	38.73 1	Pn	P	11 22 08.0 -0.6
MTP	Monte Pirata	38.77 8	Pn	IAMB	11 22 07.2 -1.7
MTP			IAMB	IAMB	11 22 07.9
HUMP	comp=Z,96nm,1.2s				
HUMP	Col San Antoni	38.77 7	Pn	IAMB	11 22 07.7 -1.2
HUMP			IAMB	IAMB	11 22 08.2
AOPR	comp=Z,52nm,1.2s				
AOPR	Arecibo Observ	38.88 6	Pn	IAMB	11 22 07.9 -1.9
AOPR			IAMB	IAMB	11 22 09.2
SC01	comp=Z,49nm,1.1s				
SC01	Santiago de lo	39.75 0	Pn	IAMB	11 22 16.4 -0.7
SC01			IAMB	IAMB	11 22 17.9
CCIG	Comitan	42.22 329	Pn	P	11 22 36.9 -0.8
HOPE	Hope Point	42.52 151	Pn	P	11 22 39.5 0.0
HOPE			pmax		
HOPE	comp=Z,54nm,1.0s				
HOPE	Hope Point	42.52 151	Pn	IAMB	11 22 39.5 0.0
HOPE			IAMB	IAMB	11 22 41.6
HOPE	comp=Z,54nm,1.0s				
ZAIG	Zacatecas	53.09 323	Pn	P	11 24 01.8 -0.4
255A	Zacatehurst	53.40 348	Pn	P	11 24 04.3 +0.4
154A	Montrose	54.19 347	Pn	P	11 24 09.9 +0.3
250A	Grady	54.33 344	Pn	P	11 24 10.5 -0.2
Z57A	Bowman	54.42 350	Pn	P	11 24 12.7 +1.4
Z56A	Williston	54.55 349	Pn	P	11 24 11.9 -0.4
KVXT	Kingsville	54.57 330	IAMB	IAMB	11 24 11.2 -1.4
KVXT			IAMB	IAMB	11 24 18.1
152A	Waverly Hill	54.60 346	Pn	IAMB	11 24 12.7 0.0
152A			IAMB	IAMB	11 24 21.0
Y60A	Bolivia	54.74 352	Pn	P</	

WWT	Waverly	58.66	344	P	P	11 24 40.6	-0.9
WWT	comp=Z,20nm,0.8s			I	Amb	11 24 49.5	
UALR	University of	58.74	339	P	P	11 24 41.1	-1.0
UALR	comp=Z,37nm,1.2s			I	Amb	11 24 42.8	
SS5A	Lewisburg	58.76	351	P	P	11 24 42.7	+0.5
R59A	King George, V	58.77	354	P	P	11 24 42.5	+0.3
R60A	Leonardtown, M	58.78	355	P	P	11 24 42.6	+0.3
CBN	Corbin Frederi	58.80	354	P	P	11 24 42.7	+0.3
T50A	Nancy	58.81	347	P	P	11 24 42.2	-0.3
TXAR	Lajitas Array	58.81	326	P	P	11 24 43.6	+0.2
TXAR	comp=Z,1.6nm,0.7s,baz=150,slow=9.0,SNR=20			LR	LR	11 49 20.2	
TXAR	comp=Z,1.75nm,18.4s,baz=0.0,slow=35			LR	LR	11 49 20.2	
TXAR	Lajitas Array	58.90	326	P	P	11 24 43.1	-0.3
TXAR	Lajitas Array	58.90	326	P	P	11 24 43.1	-0.3
TX31	Lajitas Ar. Si	58.90	326	I	Amb	11 24 43.0	-0.4
TX31	TX31			I	Amb	11 24 48.7	
TX32	Lajitas Array	58.90	326	P	P	11 24 43.1	-0.3
SS4A	Dingess, Beckl	58.91	350	P	P	11 24 42.5	-0.7
SS4A	Dingess, Beckl	58.91	350	P	P	11 24 42.5	-0.7
SS4A	comp=Z,33nm,0.9s			I	Amb	11 24 44.2	
SS5A	Williamson	58.92	349	P	P	11 24 43.3	-0.1
R58A	Rapidan	58.95	353	P	P	11 24 44.1	+0.6
MIAR	Mount Ida	58.96	338	P	P	11 24 43.6	0.0
MIAR	comp=Z,73nm,1.4s			pmx	pmx		
MIAR	Mount Ida	58.96	338	P	P	11 24 43.1	-0.5
MIAR	Mount Ida	58.96	338	P	P	11 24 43.6	0.0
R57A	Stanardsville	59.01	353	P	P	11 24 44.4	+0.5
T49A	Edmontown	59.04	346	P	P	11 24 43.2	-1.0
W41B	Gary Mavity, V	59.08	340	P	P	11 24 43.9	-0.5
SS1A	Beattyville	59.15	348	P	P	11 24 44.6	-0.3
WHAR	Wooley Hollow	59.20	340	P	P	11 24 45.2	-0.1
WHAR	comp=Z,38nm,1.3s			I	Amb	11 24 54.2	
R55A	Marlinton	59.20	351	P	P	11 24 45.1	-0.2
R55A	Marlinton	59.20	351	P	P	11 24 45.8	+0.5
R54A	Victor	59.23	351	P	P	11 24 45.3	-0.1
Z35A	Perchaven, San	59.27	334	P	P	11 24 46.1	+0.3
T47A	Sharon Grove	59.30	345	P	P	11 24 44.7	-1.2
SS0A	Richmond	59.35	347	P	P	11 24 45.4	-0.8
PENM	Penman	59.46	342	P	P	11 24 47.1	+0.1
R53A	Hurricane	59.53	350	P	P	11 24 47.3	-0.1
LCAR	Lake Charles	59.55	341	P	P	11 24 46.7	-1.0
LCAR	comp=Z,31nm,1.3s			I	Amb	11 24 48.0	
Q58A	Fox Den Farm,	59.56	354	P	P	11 24 47.7	0.0
W39A	Magazine	59.62	338	P	P	11 24 48.5	+0.3
W39A	Magazine	59.62	338	P	P	11 24 48.2	+0.1
W39A	comp=Z,30nm,0.9s			I	Amb	11 24 58.5	
S49A	Springfield	59.64	347	P	P	11 24 47.5	-0.7
R52A	Cattlettsburg	59.65	349	P	P	11 24 47.7	-0.7
ABTX	Ahliene, Hawle	59.68	332	P	P	11 24 48.5	-0.1
ABTX	Ahliene, Hawle	59.68	332	P	P	11 24 48.9	+0.2
ABTX	comp=Z,25nm,0.9s			I	Amb	11 24 59.7	
PARMO	Parma	59.69	342	P	P	11 24 48.3	-0.3
FCAR	Ozark Folk Cen	59.69	340	P	P	11 24 47.5	-1.1
FCAR	comp=Z,21nm,1.1s			I	Amb	11 24 57.1	
T45A	Paducah	59.72	343	P	P	11 24 48.2	-0.5
Q57A	Strasburg	59.73	353	P	P	11 24 49.7	+0.9
R51A	Hillsboro	59.79	348	P	P	11 24 48.6	-0.7
Q56A	Snyder Ridge,	59.83	352	P	P	11 24 50.4	+0.8
Q56A	Snyder Ridge,	59.83	352	P	P	11 24 49.9	+0.4
Q55A	Buckhannon	59.90	352	P	P	11 24 50.4	+0.3
R50A	Paris	59.92	348	P	P	11 24 49.4	-0.7
SDMD	Soldier's Deli	59.94	355	P	P	11 24 50.7	+0.4
SDMD	comp=Z,23nm,1.1s			I	Amb	11 24 51.8	
Q53A	Leroy	59.98	350	P	P	11 24 50.7	+0.1
Q54A	Coxs Mills	59.99	351	P	P	11 24 50.3	-0.4
Q54A	Coxs Mills	59.99	351	P	P	11 24 50.1	-0.6
Q54A	comp=Z,21nm,0.8s			I	Amb	11 24 59.7	
PBMO	Poplar Bluff	59.99	342	P	P	11 24 50.0	-0.7
PBMO	comp=Z,30nm,1.0s			I	Amb	11 24 59.7	
P58A	Pank, Jacketsv	60.06	354	P	P	11 24 51.3	+0.2
R49A	Shelbyville	60.10	347	P	P	11 24 50.7	-0.7
P59A	Jarrettsville	60.10	355	P	P	11 24 51.6	+0.2
P57A	Homestead Farm	60.13	354	P	P	11 24 52.7	+1.1
P57A	Homestead Farm	60.13	354	P	P	11 24 52.6	+1.1
Q52A	Bidwell	60.20	350	P	P	11 24 51.9	-0.1
P56A	Dayton Farm, R	60.24	353	P	P	11 24 53.1	+0.8
P60A	Greenville	60.24	356	P	P	11 24 52.8	+0.5
P60A	Greenville	60.24	356	P	P	11 24 52.4	0.0
P60A	comp=Z,23nm,0.9s			I	Amb	11 24 51.9	-0.8
WCI	Wyandotte Cave	60.29	346	P	P	11 24 52.6	-0.1
WCI	comp=Z,37nm,1.2s			pmx	pmx		
WCI	Wyandotte Cave	60.29	346	P	P	11 24 52.6	-0.1
WCI	Wyandotte Cave	60.29	346	P	P	11 24 51.9	-0.8
WCI	comp=Z,37nm,1.2s			I	Amb	11 24 57.0	
PSUB	Penn St. - Bra	60.34	356	P	P	11 24 53.7	+0.7
PSUB	comp=Z,27nm,1.2s			I	Amb	11 24 54.3	
U40A	Yellville	60.36	340	P	P	11 24 52.6	-0.6
U40A	Yellville	60.36	340	P	P	11 24 52.8	-0.4
U40A	comp=Z,26nm,0.8s			I	Amb	11 25 02.6	
USIN	University of	60.36	345	P	P	11 24 52.5	-0.6
P55A	Reedsville	60.37	352	P	P	11 24 53.4	+0.2
Q50A	Georgetown	60.39	348	P	P	11 24 53.2	-0.2
T42A	Van Buren	60.42	341	P	P	11 24 52.8	-0.9
T42A	comp=Z,18nm,1.0s			I	Amb	11 25 01.8	
Q51A	Peebles	60.45	349	P	P	11 24 53.6	-0.2
Q51A	Peebles	60.45	349	P	P	11 24 53.2	-0.6
Q51A	comp=Z,22nm,0.8s			I	Amb	11 25 03.2	
MVL	Millersville	60.48	355	P	P	11 24 54.4	+0.4
MVL	comp=Z,40nm,1.0s			I	Amb	11 24 55.7	
MCWV	Mont Chateau	60.52	352	P	P	11 24 54.4	+0.1
MCWV	Mont Chateau	60.52	352	P	P	11 24 54.8	+0.5
MCWV	comp=Z,17nm			I	Amb	11 24 55.7	

S44A	Carbondale	60.52	343	P	P	11 24 53.6	-0.7
SIUC	Southern Illin	60.53	343	P	P	11 24 53.5	-0.8
SIUC	comp=Z,33nm,0.8s			I	Amb	11 25 03.5	
P54A	Burton	60.55	351	P	P	11 24 54.4	0.0
P53A	Whipple	60.57	351	P	P	11 24 54.2	-0.4
P53A	Whipple	60.57	351	P	P	11 24 54.7	+0.1
P53A	comp=Z,36nm,1.0s			I	Amb	11 24 56.7	
X34A	Smith Ranch, M	60.61	334	P	P	11 24 54.6	-0.4
X34A	comp=Z,37nm,1.3s			I	Amb	11 25 11.6	
HHAR	Hobbs	60.65	339	P	P	11 24 54.6	-0.6
HHAR	comp=Z,49nm,1.4s			I	Amb	11 24 56.1	
O58A	Lewisberry	60.66	355	P	P	11 24 55.6	+0.4
O49A	Aurora	60.73	347	P	P	11 24 55.4	-0.3
O60A	Telford	60.73	356	P	P	11 24 56.1	+0.5
PAGS	Pennsylvania G	60.74	355	P	P	11 24 56.6	+0.8
PAGS	comp=Z,28nm,1.1s			I	Amb	11 24 57.3	
O59A	Robesonia	60.78	355	P	P	11 24 56.4	+0.4
O57A	Amberson	60.81	354	P	P	11 24 56.8	+0.6
Q52A	Corning	60.83	350	P	P	11 24 55.7	-0.6
P48A	North Vernon	60.83	347	P	P	11 24 55.6	-0.8
P51A	Williamsport	60.84	349	P	P	11 24 55.7	-0.8
P51A	Williamsport	60.84	349	P	P	11 24 56.0	-0.4
U38A	Gravette	60.95	338	P	P	11 24 56.7	-0.5
U38A	comp=Z,30nm,1.1s			I	Amb	11 24 58.0	
O56A	Blue Knob Stat	60.96	353	P	P	11 24 58.0	+0.6
O56A	Blue Knob Stat	60.96	353	P	P	11 24 57.7	+0.4
TUL1	Leonard	60.98	337	P	P	11 24 56.7	-0.8
TUL1	Leonard	60.98	337	P	P	11 24 57.6	+0.2
TUL1	comp=Z,38nm,1.1s			I	Amb	11 24 58.2	
O55A	Ligon	60.99	353	P	P	11 24 57.9	+0.5
BRNJ	Basking Ridge	61.04	357	P	P	11 24 58.2	+0.5
BRNJ	comp=Z,32nm,0.8s			I	Amb	11 25 00.4	
P50A	Jamestown	61.10	349	P	P	11 24 57.2	-1.0
N61A	South Mountain	61.10	357	P	P	11 24 58.4	+0.2
O54A	Avella	61.10	352	P	P	11 24 57.9	-0.4
FVM	French Village	61.11	342	P	P	11 24 58.1	-0.3
FVM	comp=Z,49nm,1.1s			pmx	pmx		
FVM	French Village	61.11	342	P	P	11 24 58.0	-0.3
P49A	Miami Univ. Ec	61.20	348	P	P	11 24 57.4	-1.5
O52A	Adamsville	61.25	350	P	P	11 24 58.7	-0.5
O52A	Adamsville	61.25	350	P	P	11 25 08.6	-0.5
SSPA	Standing Stone	61.26	354	P	P	11 24 59.5	+0.3
SSPA	Standing Stone	61.26	354	P	P	11 25 00.1	+0.8
N60A	Cedar Hill Far	61.26	356	P	P	11 24 59.3	+0.1
P48A	Milroy	61.28	347	P	P	11 24 58.4	-1.0
O53A	New Philadelph	61.29	351	P	P	11 24 59.0	-0.5
PAL	Palisades	61.33	357	P	P	11 24 59.9	+0.2
N57A	Milroy	61.34	354	P	P	11 25 00.1	+0.3
N58A	Sunbury	61.35	355	P	P	11 25 00.2	+0.3
N58A	Sunbury	61.35	355	P	P	11 25 00.4	+0.6
N59A	State Game Lan	61.35	356	P	P	11 25 00.7	+0.8
N59A	State Game Lan	61.35	356	P	P	11 25 00.0	+0.1
N59A	comp=Z,41nm,1.3s			I	Amb	11 25 01.8	
O51A	Pataskala	61.41	350	P	P	11 24 59.3	-1.0
CCM	Cathedral Cave	61.42	342	P	P	11 24 59.7	-0.7
CCM	comp=Z,31nm,1.2s			pmx	pmx		
CCM	Cathedral Cave	61.42	342	P	P	11 24 59.6	-0.7
CCM	Cathedral Cave	61.42	342	P	P	11 24 59.7	-0.7
CCM	comp=Z,31nm,1.2s			I	Amb	11 25 00.8	
ODNJ	Ogdensburg	61.44	357	P	P	11 25 00.9	+0.5
ODNJ	comp=Z,49nm,1.5s			I	Amb	11 25 01.8	
VNA3	Neuway Olymp	61.50	161	P	P	11 25 01.3	+0.7
N55A	Marion Center	61.52	353	P	P	11 25 01.5	+0.5
ACSO	Alum Creek Sta	61.56	349	P	P	11 25 00.6	-0.7
ACSO	Alum Creek Sta	61.56	349	P	P	11 25 00.8	-0.4
N56A	West Decatur	61.58	354	P	P	11 25 01.7	+0.3
O50A	Cable	61.59	349	P	P	11 25 00.8	-0.7
Q44A	Meyer Farm, Va	61.59	344	P	P	11 25 00.3	-1.2
M61A	Granite Spring	61.63	357	P	P	11 25 00.6	-1.2
SLM	Saint Louis	61.67	343	P	P	11 25 01.7	-0.4
SLM	comp=Z,58nm,1.5s			pm			

J52A	Paris	64.12 352	P	P	11 25 17.9	-0.4
I62A	Tamworth	64.13 360	P	P	11 25 18.6	+0.2
I60A	Shoreham	64.14 358	P	P	11 25 19.4	+1.0
I61A	Oroboro, Fairl	64.20 359	P	P	11 25 19.7	+0.9
K48A	Perry	64.25 349	P	P	11 25 18.2	-0.9
K47A	Vermontville	64.28 348	P	P	11 25 18.0	-1.4
R32A	Long Quarter,	64.29 336	P	I Amb	11 25 19.2	-0.4
R32A	Carriage	64.29 336	P	I Amb	11 25 24.6	
NCB	Newcomb	64.31 357	P	P	11 25 19.1	-0.4
NCB	Carriage	64.31 357	P	I Amb	11 25 21.3	
I57A	Carriage	64.35 356	P	P	11 25 19.8	0.0
L44A	Lake County Fo	64.42 346	P	P	11 25 19.9	-0.4
PECO	Prince Edward	64.44 355	P	P	11 25 20.6	+0.3
LBNH	Lisbon	64.50 359	P	P	11 25 20.3	-0.5
J49A	Marlette	64.63 350	P	P	11 25 20.3	-1.3
J48A	Bridge Port	64.68 350	P	P	11 25 21.3	-0.6
H58A	Gabriels	64.75 357	P	P	11 25 22.6	+0.1
I51A	Listowel	64.75 352	P	P	11 25 21.9	-0.5
I55A	Frankford	64.78 354	P	P	11 25 22.4	-0.2
ANMO	Albuquerque	64.80 328	P	P	11 25 23.1	0.0
ANMO	Albuquerque	64.80 328	P	P	11 25 23.0	+0.6
ANMO	Albuquerque	64.80 328	P	P	11 25 23.5	+0.3
ANMO	Albuquerque	64.80 328	P	P	11 25 23.2	0.0
H61A	Lyndonville	64.80 359	P	P	11 25 22.9	+0.2
J47A	Summer	64.80 349	P	P	11 25 21.6	-1.1
J47A	Summer	64.80 349	P	P	11 25 22.0	-0.7
H57A	Richville	64.86 356	P	P	11 25 23.1	0.0
H64A	Troy	64.91 1 P	P	P	11 25 24.0	+0.6
H63A	New Sharon	64.92 1 P	P	P	11 25 24.7	+1.3
H59A	Cadyville	64.96 358	P	P	11 25 24.4	+0.7
LONY	Lake Ozonia	64.97 357	P	P	11 25 24.2	+0.4
LONY	Lake Ozonia	64.97 357	P	I Amb	11 25 24.3	+0.4
H65A	Eastbrook	64.99 2 P	P	P	11 25 23.8	-0.1
K43A	Burlington	65.02 346	P	P	11 25 23.6	-0.6
CBKS	Cedar Bluff	65.02 335	P	P	11 25 24.7	+0.3
CBKS	Cedar Bluff	65.02 335	P	P	11 25 24.0	-0.4
CBKS	Cedar Bluff	65.02 335	P	I Amb	11 25 24.7	+0.3
CBKS	Cedar Bluff	65.02 335	P	I Amb	11 25 25.6	
H56A	Elgin	65.04 356	P	P	11 25 24.4	+0.1
TUC	Tucson	65.06 323	P	P	11 25 26.0	+1.2
TUC	Tucson	65.06 323	P	P	11 25 26.0	+1.2
TUC	Tucson	65.06 323	P	P	11 25 26.0	+1.2
H55A	Tweed	65.07 355	P	P	11 25 24.3	-0.1
DELO	Deloro Mine	65.08 355	P	P	11 25 24.1	-0.4
DELO	Deloro Mine	65.08 355	P	I Amb	11 25 25.6	
H66A	Whiting	65.12 3 P	P	P	11 25 24.2	-0.5
L40A	Anamosa	65.13 343	P	P	11 25 23.9	-1.0
FRNY	Flat Rock	65.14 358	P	P	11 25 25.1	+0.1
I49A	Point Hope	65.14 350	P	P	11 25 24.0	-0.9
H53A	Bobcaygeon	65.22 354	P	P	11 25 25.1	-0.3
N35A	Tabor	65.36 339	P	I Amb	11 25 25.7	-0.7
N35A	Tabor	65.36 339	P	I Amb	11 25 35.6	
G60A	Masonville	65.37 359	P	P	11 25 27.8	+1.3
H52A	Wyevale	65.43 353	P	P	11 25 27.1	+0.3
G57A	Newington	65.47 357	P	P	11 25 27.2	+0.1
G58A	Ormskirk	65.47 357	P	P	11 25 27.5	+0.5
G62A	West of Eustis	65.47 0 P	P	P	11 25 27.7	+0.6
G62A	West of Eustis	65.47 0 P	P	P	11 25 28.0	+1.5
SADO	Sadowa	65.47 353	P	P	11 25 26.6	-0.5
SADO	Sadowa	65.47 353	P	I Amb	11 25 27.8	
I47A	Gladwin	65.50 349	P	P	11 25 26.8	-0.5
I47A	Gladwin	65.50 349	P	I Amb	11 25 26.1	-1.1
I47A	Gladwin	65.50 349	P	I Amb	11 25 27.2	
I48A	Sherman Twp	65.53 350	P	P	11 25 26.4	-1.0
G64A	Maxfield	65.53 2 P	P	P	11 25 28.3	+0.9
PKME	Peaks-Kenny Pk	65.53 1 P	P	P	11 25 27.9	+0.5
G61A	St-Isidore-de-	65.54 359	P	P	11 25 28.5	+0.9
T25A	Trinidad	65.59 331	P	P	11 25 28.2	-0.1
I46A	Reed City	65.60 348	P	P	11 25 27.0	-0.9
JFWS	Jewell Farm	65.68 344	P	P	11 25 28.2	-0.3
JFWS	Jewell Farm	65.68 344	P	P	11 25 28.2	-0.3
JFWS	Jewell Farm	65.68 344	P	P	11 25 27.6	-0.8
JFWS	Jewell Farm	65.68 344	P	I Amb	11 25 28.2	-0.3
JFWS	Jewell Farm	65.68 344	P	I Amb	11 25 38.6	
G55A	Catobogie	65.73 355	P	P	11 25 28.7	0.0
G53A	Haliburton	65.77 354	P	P	11 25 28.6	-0.4
N33A	J Bar K, Exete	65.86 338	P	I Amb	11 25 29.5	-0.2
N33A	J Bar K, Exete	65.86 338	P	I Amb	11 25 38.7	
214A	Organ Pipe Nat	65.96 321	P	P	11 25 31.7	+1.1
G54A	Lake Saint Pet	65.99 354	P	P	11 25 30.2	-0.2
K38A	Parkersburg	66.10 342	P	I Amb	11 25 30.4	-0.8
K38A	Parkersburg	66.10 342	P	I Amb	11 25 39.7	
F64A	Sherman	66.16 2 P	P	P	11 25 31.9	+0.5
F61A	St Evariste	66.23 360	P	P	11 25 32.3	+0.4
F60A	Warwick	66.23 359	P	P	11 25 32.6	+0.6
X18A	Snowflake	66.27 325	P	P	11 25 32.2	-0.5
I42A	Dräger Farm,	66.28 346	P	I Amb	11 25 31.9	-0.3
I42A	Dräger Farm,	66.28 346	P	I Amb	11 25 41.0	
GLMI	Grayling	66.30 349	P	P	11 25 32.1	-0.4
GLMI	Grayling	66.30 349	P	I Amb	11 25 32.0	-0.4
GLMI	Grayling	66.30 349	P	I Amb	11 25 32.6	-0.4
KSC0	Kaye Shedlock	66.36 333	P	P	11 25 33.2	+0.1
KSC0	Kaye Shedlock	66.36 333	P	P	11 25 33.3	+0.2

KSC0	comp=Z,37nm,1.1s	66.51 353	P	P	11 25 50.3	
F52A	Sundridge	66.51 353	P	P	11 25 33.5	-0.2
G47A	Hill	66.51 350	P	P	11 25 33.3	-0.4
ALGO	Algonquin Park	66.54 354	P	P	11 25 33.5	-0.4
TRQ	Mont Tremblant	66.57 357	P	P	11 25 34.2	0.0
H43A	Windswept, Lux	66.57 347	P	I Amb	11 25 33.2	-1.0
H43A	Windswept, Lux	66.57 347	P	I Amb	11 25 42.5	
SDCO	Great Sand Dun	66.59 331	P	P	11 25 35.0	+0.2
SDCO	Great Sand Dun	66.59 331	P	I Amb	11 25 35.4	+0.7
SDCO	Great Sand Dun	66.59 331	P	I Amb	11 25 40.9	
E60A	Ste Agathe de	66.63 359	P	P	11 25 34.9	+0.5
E58A	La Victoria	66.67 358	P	P	11 25 34.8	+0.1
G45A	Suttons Bay	66.70 349	P	P	11 25 34.5	-0.5
G45A	Suttons Bay	66.70 349	P	I Amb	11 25 43.0	
F51A	Arnstein	66.70 353	P	P	11 25 34.5	-0.5
E63A	Oxbow	66.71 2 P	P	P	11 25 35.3	+0.4
E64A	Bridgewater	66.73 2 P	P	P	11 25 35.3	+0.2
E57A	Chemin Saint G	66.74 357	P	P	11 25 35.1	-0.1
F49A	Sandfield	66.81 351	P	P	11 25 35.2	-0.4
G46A	Potosky	66.82 349	P	P	11 25 34.6	-1.1
E55A	Montclair-Lyto	66.88 356	P	P	11 25 35.9	-0.1
E56A	St. Veronique	66.91 357	P	P	11 25 36.3	0.0
E52A	Mattawa	66.92 354	P	P	11 25 35.9	-0.4
E53A	Dumoine, Ponti	66.93 355	P	P	11 25 36.1	-0.1
E54A	Chemin Vers le	66.94 356	P	P	11 25 36.4	-0.1
F48A	Evansville	66.96 351	P	P	11 25 36.5	-0.1
X16A	Lo Mia Camp, P	67.00 324	P	P	11 25 38.8	+1.5
X16A	Lo Mia Camp, P	67.00 324	P	I Amb	11 25 44.1	
113A	Mohawk Valley,	67.11 321	P	I Amb	11 25 37.8	0.0
113A	Mohawk Valley,	67.11 321	P	I Amb	11 25 54.8	
D60A	Saint Jean D'O	67.17 360	P	P	11 25 38.4	+0.5
S22A	4UR Ranch, Cre	67.21 330	P	P	11 25 39.3	+0.6
E51A	G1948 Merrick	67.26 353	P	P	11 25 38.4	0.0
F45A	CMU Biological	67.29 349	P	P	11 25 37.6	-1.1
D57A	Allapoint, All	67.33 358	P	P	11 25 39.0	+0.1
D63A	Stockholm	67.33 2 P	P	P	11 25 39.6	+0.6
D62A	Allapoint, All	67.36 1 P	P	P	11 25 39.6	+0.5
D62A	Allapoint, All	67.36 1 P	P	P	11 25 39.5	+0.5
D56A	ZEC Manazas, M	67.40 357	P	P	11 25 39.4	0.0
D55A	Sainte-Anne-du	67.41 357	P	P	11 25 39.2	-0.2
E48A	Loockeyer	67.53 351	P	P	11 25 39.6	-0.6
I37A	Lemond, Waseca	67.54 343	P	I Amb	11 25 39.6	-0.7
I37A	Lemond, Waseca	67.54 343	P	I Amb	11 25 57.5	
MVCO	Mesa Verde	67.59 328	P	P	11 25 41.7	+0.6
MVCO	Mesa Verde	67.59 328	P	P	11 25 42.0	+0.8
D54A	Lac Fusel, La	67.62 356	P	P	11 25 40.2	-0.5
D53A	Lac Vavie, Po	67.63 355	P	P	11 25 40.3	-0.5
D53A	Lac Vavie, Po	67.63 355	P	I Amb	11 25 40.5	-0.2
D53A	Lac Vavie, Po	67.63 355	P	I Amb	11 25 41.7	
LATO	La Tuque	67.66 359	P	P	11 25 41.0	0.0
LATO	La Tuque	67.66 359	P	P	11 25 42.0	+1.0
E47A	Iron Bridge	67.67 351	P	P	11 25 40.2	-0.9
TAOE	Nuku Hiva Isla	67.71 269	eS	S	11 34 37.5	-1.4
TAOE	Nuku Hiva Isla	67.71 269	eLR	LR	11 45 53.0	
E46A	Sault Ste Mari	67.75 350	P	I Amb	11 25 40.8	-0.8
E46A	Sault Ste Mari	67.75 350	P	I Amb	11 25 42.2	
WUAZ	Wupatki	67.78 325	P	P	11 25 43.6	+1.3
WUAZ	Wupatki	67.78 325	P	I Amb	11 25 44.1	+1.9
WUAZ	Wupatki	67.78 325	P	I Amb	11 25 49.0	
D51A	Lot 18 Range I	67.79 354	P	P	11 25 41.3	-0.5
G40A	Rib Lake	67.88 345	P	P	11 25 41.6	-0.9
D50A	G1974 Best Tow	67.92 353	P	P	11 25 42.1	-0.5
GLA	Glamis	67.93 321	P	P	11 25 42.5	-0.6
GLA	Glamis	67.93 321	P	P	11 25 42.5	-0.6
GLA	Glamis	67.93 321	P	P	11 25 44.1	+1.0
GLA	Glamis	67.93 321	P	I Amb	11 25 42.5	-0.6
GLA	Glamis	67.93 321	P	I Amb	11 25 49.7	
K31A	O'Neill	67.98 338	P	P	11 25 42.	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like DUG, TCUT, R11A, AGMN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like BMO, SYO, I07A, YBH, F10A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like RES, A36M, INK, INK, INK, etc.

Table with columns: YULB, ELDTW, TWGBT, TWG, TWG, TWH, HGSD, EHY, EHY, EHY, YUS, STYT, ECL, ECL, SLGT, SLGT, VVWD, VVWD, WTP, WTP, TPUB, TPUB, SGST, ESL, ESL, SSS, SSS, CHN4, CHN4, CHN1, CHN1, SSSL, SSSL, MASBT, MASBT, CHN5, CHN5, TWK, TWK, TWK, EAST, EAST. Includes station names, codes, and coordinates.

JMA 09 12:44:55.7-0.1, 24.00N-122.41E, h24km, 4km, M2.0
TAP 09 12:44:55.9, 24.04N, 122.43E, h34km, ML2.7, D
ISC 09 12:44:55.5, 1.1, 23.99N, 122.42E, h27km, 12km, m56, c058/104, Taiwan region

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

Table with columns: NNS, NNS, WHF, WHF, EHY, EHY, TIPB, TIPB, OWD, OWD, CHGB, CHGB, NWLT, NWLT, YHNB, YHNB, YHNB, YHNB, NSK, NSK, NSK, YULB, YULB, VVWD, VVWD, VVWD, VVWD, TWF1, TWF1, TWF1, NWF, NWF, WFSB, WFSB, IRIF, IRIF, IRIF, TAI, TAI, TAI, FULB, FULB, FULB, CHKT, CHKT, CHKT, SSSL, SSSL, SSSL, WHP, WHP, WHP, YM10, YM10, YUS, YUS, YUS, LIOB, LIOB, LIOB, NSST, NSST, JKRS, JKRS, JKRS, ELDTW, ELDTW, TWH, TWH, TWH, ALS, ALS, ALS, JJJ, JJJ, CHN5, CHN5, CHN5, STYT, STYT, TPUB, TPUB, TPUB, CHN4, CHN4, CHN4, WTP, WTP, WTP, JISG, JISG, SLGT, SLGT, CHN1, CHN1, CHN1, JTT, JTT, JTT, NAM 09 13:11:42.0, 2.1, 26.51S, 109.28E, 0.1, h10km, MD.0

NAM 09 13:11:42.0, 2.1, 26.51S, 109.28E, 0.1, h10km, MD.0
ISC 09 13:11:42.0, 2.1, 26.51S, 109.28E, 0.1, h10km, MD.0

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

Table with columns: HIN, HIN, FID, FID, FID, GLL, GLL, PWL, PWL, PWL, EYAK, EYAK, EYAK, MID, MID, JPK, JPK, VMT, VMT, VMT, VMT, GOAT, GOAT, GOAT, KMK, KMK, SLKM, SLKM, RC01, RC01, RC01, SCM, SCM, PS12, PS12, SML, SML, BRSE, BRSE, GHO, GHO, WALK, WALK, CAPN, CAPN, CNPM, CNPM, SUA, SUA, PS11, PS11, GLB, GLB, CROM, CROM, VRDI, VRDI, HOM, HOM, TGL, TGL, WAT6, WAT6, MCARA, MCARA, KIAG, KIAG, STLK, STLK, PTPK, PTPK, BALM, BALM, KKL, KKL, DFR, DFR, SPBG, SPBG, RSO, RSO, RED, RED, WAT6, WAT6, RDJH, RDJH, RDWB, RDWB, SPWE, SPWE, GRNC, GRNC, WAT6, WAT6, DHIY, DHIY, BARN, BARN, PAX, PAX, MENT, MENT, RFD, RFD, TRF, TRF, PPLA, PPLA, KDAK, KDAK, MCK, MCK, YUK3, YUK3, KKL, KKL, KTH, KTH, BC03, BC03, BCAR, BCAR, PNL, PNL, SCRK, SCRK, SPWZ, SPWZ, HDA, HDA, OHAK, OHAK, BPAW, BPAW, WHW, WHW, NKA, NKA, CCB, CCB, IL3, IL3, ILAR, ILAR, COLA, COLA, DHAK, DHAK, MAM, MAM, TT01, TT01, MLY, MLY, DAWY, DAWY, EGAK, EGAK, WHY, WHY, IMAR, IMAR. Includes station names, codes, and coordinates.

PGC 09 13:30:29.5-0.5, 50.58N-130.35W, h10km, MLN2.9/15, Mw3.6/15, 207km west of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

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

IDC 09 13:34:12.0-1.8, 4.57N-122.25E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/4, mbtmp3.5/4, Error ellipse: s-min=22.8km s-min=22.8km az=30, Celebes Sea
WRA Warramunga Arr 27.10 154 P 13 39 56.6 -0.1
ASAR Alice Springs 30.26 158 P 13 40 25.2 +0.2
MKAR Makanchi Array 54.37 327 P 13 43 41.4 +0.7
KURBB Kurchatov Arr 58.67 329 P 13 44 10.3 -0.8
IDC 09 13:43:33.9-1.2, 55.40N-110.51E, h0km, mb3.6/4, mb1 3.8/10, mb1mx3.5/4, mbtmp3.7/10, ML3.3/6, MS2.7/4, Ms1 2.7/4, ms1mx2.3/4, Error ellipse: s-maj=27.6km s-min=12.6km az=132.0
MOS 09 13:43:33.3-1.3, 55.45N-110.56E, h12km, mb4.2/5, Error

9d 13h

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, BGT, GBT, Pmax, Smax, and various station identifiers like KMO, YLYR, NIZ, etc.

Table with columns: HRMR, HRMR, HRMR, comp=N, 135nm, 0.5s, and various station identifiers like Bolshoye Golou, Irkutsk, Listvyanka, etc.

Table with columns: SONM, SONM, SONM, comp=N, 2.5nm, 0.3s, and various station identifiers like Chul'man, Hailar, Kul'dur, etc.

IDC 09 13:57:15.3z:1.0, 59:86N:152:75W, h74km, 11km, mb3.8/16, mb1.4/0.21, mb1mx3.7/49, mbtmp4.1/21, Error ellipse: s-maj=11.8km s-min=8.7km az=100.0

NEIC 09 13:57:16.8z:1.0, 59:81N:152:151W:0.06, h97km, 2km, Error ellipse: s-maj=4.9km s-min=4.5km az=148.0

AEIC 09 13:57:18.1z:1.0, 59:80N:152:151W:0.06, h90km, 3km, ML3.3/1.30, mb4.2/20(NEIC), Error ellipse: s-maj=4.5km s-min=4.4km az=88.0

ISC 09 13:57:17.0z:0.6, 59:81N:152:152W:0.04, h98km, 5km, n178, o084/197, mb4.0/23, Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like ILS, IVE, ILW, etc.

PAX	Paxson	4.64 44	Pn	Pn	13 58 24.4 -0.4
VRDI	Verde Repeater	4.70 69	Pn	Pn	13 58 24.7 -1.0
CHGN	Chignik	4.71 224	Pn	Pn	13 58 25.4 -0.3
CRQM	Crigue	4.76 74	Pn	Pn	13 58 25.7 -0.9
PS10	TAPS Pump St10	4.85 39	Pn	Pn	13 58 28.2 +0.7
TGL	Tana Glacier	4.91 75	Pn	Pn	13 58 27.7 +0.8
MCARA	McCarthy VSAT	4.94 67	Pn	Pn	13 58 28.6 -0.1
VNHG	Veniaminof 1	5.04 227	Pn	Pn	13 58 31.4 +1.1
NEA	Nenana	5.05 17	Pn	Pn	13 58 29.9 -0.3
WRH	Wood River Hill	5.12 22	Pn	Pn	13 58 30.6 -0.6
PTPK	Patty Peak	5.16 70	Pn	Pn	13 58 31.7 -0.2
KIAG	Kiagna River	5.19 73	Pn	Pn	13 58 32.1 -0.1
BALM	Baldy	5.19 72	Pn	Pn	13 58 32.1 -0.1
MENT	Mentasta	5.26 50	Pn	Pn	13 58 32.7 -0.6
HDA	Harding Lake	5.30 27	Pn	Pn	13 58 33.3 -0.7
MLY	Manley	5.30 8	Pn	Pn	13 58 32.9 -0.9
CCB	Clear Creek Bu	5.30 19	Pn	Pn	13 58 33.4 -0.8
RIDG	Independent Ri	5.36 39	Pn	Pn	13 58 34.6 +0.1
GRNC	Granite Creek	5.44 76	Pn	Pn	13 58 35.1 -0.6
PS08	TAPS Pump Str8	5.44 27	Pn	Pn	13 58 35.1 -0.5
BARN	Barnard Glacier	5.52 72	Pn	Pn	13 58 37.2 +0.3
TCOL	CIGO, UAF Yank	5.52 21	Pn	Pn	13 58 37.4 -0.3
GOLA	College	5.52 20	Pn	Pn	13 58 36.3 -0.4
MDM	Murphy Dome	5.54 19	Pn	Pn	13 58 37.6 -0.2
IL31		5.63 25	Pn	Pn	13 58 37.8 -0.2
ILAR	Eielson Array	5.63 25	P	P	13 58 37.1 -1.0
ILAR	9.2nm,0.3s,baz=210,slo=23,SNR=9.8		Sn	Sn	13 59 39.1 +2.1
CTGM	Chitina Glacie	5.67 73	Pn	Pn	13 58 39.0 +0.3
SCRK	Sand Creek	5.80 40	Pn	Pn	13 58 39.7 -0.9
POKR	Poker Plat Res	5.82 22	Pn	Pn	13 58 40.5 -0.3
YUK2	TAPS Pump Str7	6.05 66	Pn	Pn	13 58 43.9 0.0
YUK2	White River	6.05 66	Pn	Pn	13 58 43.9 0.0
BC03		6.09 53	Pn	Pn	13 58 44.2 -0.2
BCAR	Beaver Creek A	6.09 53	Pn	Pn	13 58 43.9 -0.6
SDPT	Sand Point	6.19 227	Pn	Pn	13 58 45.0 -0.8
IM03		6.22 355	Pn	Pn	13 58 46.0 -0.1
IMAR	Indian Mountai	6.22 355	Pn	Pn	13 58 46.0 -0.2
YUK3	Moose Creek	6.22 66	Pn	Pn	13 58 46.5 +0.1
CNBA	Chernabura Isl	6.30 220	Pn	Pn	13 58 45.8 -1.4
PRP	Porcupine Dome	6.56 26	Pn	Pn	13 58 50.8 -0.2
PNL	Peninsula	6.63 86	Pn	Pn	13 58 51.7 -0.1
DT1	Dawson	6.70 302	Pn	Pn	13 58 50.7 -0.1
PS05	TAPS Pump Str5	7.09 6	Pn	Pn	13 58 58.2 +0.5
YUK6	Outpost Mounta	7.11 75	Pn	Pn	13 58 58.8 +0.3
EGAK	Eagle	7.26 42	Pn	Pn	13 58 59.7 -0.6
DHAK	Deception Hill	7.33 69	Pn	Pn	13 59 01.0 -0.2
YUK5	Granite Creek	7.36 73	Pn	Pn	13 59 02.2 +0.4
DAWY	Dawson	7.51 50	Pn	Pn	13 59 04.0 -0.3
COLD	Coldfoot	7.51 7	Pn	Pn	13 59 03.8 +0.1
HYT	Haines Junctio	7.52 76	Pn	Pn	13 59 04.3 +0.3
FYU	Fort Yukon	7.53 23	Pn	Pn	13 59 03.1 -0.8
ANM	Nome	7.67 314	Pn	Pn	13 59 05.9 +0.1
FALLS	False Pass	7.71 235	Pn	Pn	13 59 06.3 -0.1
EM03	Burnt Mountain	8.00 20	Pn	Pn	13 59 14.4 -1.3
BMAR	Burnt Mountain	8.41 21	Pn	Pn	13 59 14.2 -1.8
SKAG	Skagway	8.71 85	Pn	Pn	13 59 20.6 +0.6
WHY	Whitehorse	8.81 77	Pn	Pn	13 59 21.4 -0.1
TOOLK	Toolik Lake Re	8.86 70	Pn	Pn	13 59 24.0 +0.7
BESE	Beise Lake	9.19 302	Pn	Pn	13 59 26.6 +0.6
AKUTAN	Akutana	9.29 238	Pn	Pn	13 59 26.9 +0.1
SITK	Sitka	9.43 100	Pn	Pn	13 59 28.4 -1.3
JIS	Juneau Island	9.47 91	Pn	Pn	13 59 30.4 +0.1
EPYK	Eagle Plains	9.70 41	Pn	Pn	13 59 32.9 -0.5
UNV	Unalaska Valle	9.71 238	Pn	Pn	13 59 32.9 -0.8
GAMB	Gambell	9.90 302	Pn	Pn	13 59 30.2 -0.2
WRAK	Wrangell Islan	11.18 99	Pn	Pn	13 59 53.5 0.0
CRAG	Crang	11.25 104	Pn	Pn	13 59 54.2 -0.3
NKIH	Nikolski High	11.33 240	Pn	Pn	13 59 55.6 0.0
DLBC	Dease Lake	11.62 87	Pn	Pn	14 00 01.1 +1.5
DLBC	2.6nm,0.3s,baz=287,slo=11,SNR=46		Sn	Sn	14 02 06.5 -0.6
DLBC	1.1nm,0.3s,baz=122,slo=25,SNR=6.2		Sn	Sn	14 00 03.3 +0.7
DLBC	Dease Lake	11.62 87	Pn	Pn	14 00 03.3 +0.7
INK	Inuvik	11.84 36	P	P	14 00 01.4 -0.9
INK	0.4nm,0.3s,baz=225,slo=16,SNR=15		P	P	14 00 01.7 -0.6
INK	Inuvik	11.84 36	P	P	14 00 01.7 -0.6
DIB	Dawson Inlet	12.86 112	Pn	Pn	14 00 15.1 -0.8
MOBC	Moresby Island	13.14 112	Pn	Pn	14 00 19.5 -0.1
ADK	Adak	15.65 260	Pn	Pn	14 00 53.3 -0.5
YKA	Yellowknife Ar	16.31 65	Pn	Pn	14 01 24.4 +0.3
YKA	0.2nm,0.3s,baz=278,slo=10,SNR=23		PcP	PcP	14 05 50.5 +0.6
YKA	0.0nm,0.3s,baz=249,slo=9,SNR=4.0		ScP	ScP	14 09 16.8 +0.6
YKA	0.0nm,0.3s,baz=285,slo=2.0,SNR=6.6		ScP	ScP	14 01 36.5 +0.4
BILL	Bilibino	19.52 312	P	P	14 01 41.9 +3.3
YBH	Yreka Blue Hor	25.78 121	P	P	14 02 41.9 +3.3
YBH	2.6nm,0.8s,baz=343,slo=2.8,SNR=9.9		P	P	14 02 40.4 +1.8
YBH	Yreka Blue Hor	25.78 121	P	P	14 03 14.4
SEY	Seymchan	25.90 301	P	P	14 02 38.7 -0.6
PETK	Petropavlovsk	27.73 278	P	P	14 02 55.4 -0.5
BEKR	Beckworth	28.33 120	P	P	14 03 03.2 +1.7
PNTR	Pine Nut	29.30 120	P	P	14 03 11.9 +1.7
PNTR	comp=Z,4.6nm,0.9s		Iamb	Iamb	14 03 19.7
NVAR	Mina Array Bea	30.42 119	P	P	14 03 23.2 +3.2
NV11	Mina Array ST	30.48 119	P	P	14 03 23.0 +2.5
NV11	comp=Z,7.1nm,1.6s		Iamb	Iamb	14 04 21.3
OMMB	Old Mammoth M	30.79 121	P	P	14 03 25.0 +1.5
OMMB	comp=Z,2.5nm,0.7s		Iamb	Iamb	14 03 27.6
PDAR	Pinedale Array	31.11 104	P	P	14 03 29.0 +2.9
PDAR	comp=Z,0.8nm,0.4s,baz=184,slo=12,SNR=6.6		P	P	14 03 28.0 +1.9
TIXI	Tiksi	31.78 324	P	P	14 03 30.8 -0.6
TIXI	comp=Z,1.6nm,0.6s,baz=91,slo=7.1,SNR=7.1		P	P	14 03 31.2 -0.2
TIXI	Tiksi	31.78 324	P	P	14 03 31.6
PV13	Radium Mtn., P	35.02 108	P	P	14 04 01.9 +1.7
SUMG	Summit	40.47 25	P	P	14 04 45.6 -0.2
NR1K	Noril'sk	44.17 334	P	P	14 05 15.7 +0.4
MJAR	Matsushiro Arr	49.04 274	P	P	14 05 54.6 +0.9
KSR5	Korea Array	53.46 283	P	P	14 06 27.2 +0.6
SOMN	Songino Array	55.10 306	P	P	14 06 39.2 +0.6
ZAO	Zalesovo Array	57.67 324	P	P	14 06 39.4 +0.8
ZAO	comp=Z,2.7nm,0.7s		Iamb	Iamb	14 06 56.4 -0.2
ZALV	Zalesovo Beam	57.67 324	P	P	14 06 56.4 -0.2
FINES	FINES Array B	59.07 1	P	P	14 07 05.7 -0.4
KURK	Kurchatov	62.32 326	P	P	14 07 28.0 -0.4
KURK	comp=Z,2.6nm,0.8s		Iamb	Iamb	14 07 29.0
BRVK	Borovoy	62.34 332	P	P	14 07 28.4 -0.1
MKAR	Makanchi Array	64.73 322	P	P	14 07 43.8 -0.6
MKAR	comp=Z,1.1nm,0.5s,baz=39,slo=6.5,SNR=19		P	P	14 07 44.0 -0.4
MKAR	Makanchi Array	64.73 322	P	P	14 07 43.8 -0.6
MAKZ	Makanchi	64.82 322	P	P	14 07 44.0 -0.6
MAKZ	comp=Z,2.5nm,1.1s		Iamb	Iamb	14 07 45.7
ABKAR	Abkabaluk array	68.13 338	P	P	14 08 04.3 -1.6
AKASG	Malin Array Be	69.83 359	P	P	14 08 15.8 -0.6
AAK	Ala-Archa	70.85 325	P	P	14 08 23.1 +0.2
GERES	GERES Array B	71.12 10	P	P	14 08 24.5 0.0
KKAR	Karatay Array	71.52 328	P	P	14 08 26.6 -0.2
SLVN	Son La	78.38 292	P	P	14 09 07.1 +0.5
SLVN	comp=Z,2.6nm,0.8s		Iamb	Iamb	14 09 08.3
CMAR	Chiang Mai Arr	83.16 295	P	P	14 09 32.6 +0.5
BOSA	Boshof	148.71 4	PKPbc	PKPbc	14 16 51.0 -1.5

mb1 3.6/4, mb1mx3.4/32, mbtmp3.5/4, Error ellipse: s-maj=171.1km s-min=22.6km az=65.0
DJA 09 14:17:19.70.5, 1°N,5°E,12°3E',h54km,15km,M3.9/6, MLV3.9/6
ISC 09 14:17:18.9±1.0,0.96N:0.09:122.74E:0.05,h51km,n9, ±1999/12,mb3.7/4,Minahassa Peninsula, Sulawesi

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
MRSI	Marisa	0.93 239	Op	ISC	h m s ISC
MRSI			S	Pn	14 17 36.8 +1.1
MRSI			S	Pn	14 17 49.6 +1.6
KMSI	Cibinong	1.30 107	P	Sn	14 17 42.4 +1.6
KMSI			S	Pn	14 17 59.4 +2.3
LUWI	Luwuk	1.99 179	P	Pn	14 17 50.2 +0.1
APSI	Ampana	1.25 210	P	Pn	14 17 54.1 +1.8
APSI			S	Sn	14 18 19.1 +1.3
MPSI	Mapaga	2.90 258	P	Pn	14 18 03.7 +1.1
WRA	Warramunga Arr	23.68 152	P	P	14 22 23.0 -3.2
ASAR	Alise Springs	26.78 157	P	P	14 22 51.5 -2.8
ASAR	1.6nm,0.3s,baz=328,slo=10,SNR=6.8		P	P	14 22 51.5 -2.8
SOMN	Songino Array	48.80 345	P	P	14 25 58.8 -0.2
MKAR	Makanchi Array	57.66 328	P	P	14 27 03.8 -0.3
MKAR	0.4nm,0.4s,baz=114,slo=6.5,SNR=3.5		P	P	14 27 03.8 -0.3

IDC 09 14:39:55.5±1.2, 11°54'N:145°47'E,h0km,mb3.6/7, mb1 3.8/8,mb1mx3.5/47,mbtmp3.6/8,ML2.2/1,MS2.4/4, Ms1 2.4/4,ms1mx2.3/41, Error ellipse: s-maj=48.7km s-min=19.7km az=93.0
NEIC 09 14:39:58.4±0.8, 11°58'N:0°07'145°4E:0.2,h19km,5km, mb4.6/8, Error ellipse: s-maj=22.9km s-min=10.2km az=81.0

ISC 09 14:40:00.6±0.7, 11°57'N:0°08'145°4E:0.1,h35km,n27, ±6972/10,mb3.8/11,MS2.5/3,South of Mariana Islands

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
GUMO	Guam	2.06 347	Op	ISC	h m s ISC
GUMO	82nm,0.3s,baz=154,slo=8.3,SNR=2.8		Sn	Sn	14 40 32.0 -0.8
GUMO	122nm,0.3s,baz=131,slo=23,SNR=8.4		LR	LR	14 40 56.1 -1.1
GUMO	comp=Z,1.9nm,18.4s,baz=214,slo=6.1		LR	LR	14 42 05.3
FATS	Fak Fak	13.63 109	Pn	Pn	14 43 10.7 -0.8
FATS	Pohnpei	14.92 223	P	Iamb	14 45 22.6
TNTI	Ternate	20.83 240	P	P	14 44 39.1 -0.4
H1S3	WAKE ISLAND Hy	21.71 69	T	T	15 07 51.1
H1S1	WAKE ISLAND Hy	21.73 69	T	T	15 07 52.4
H1S2	WAKE ISLAND Hy	21.73 69	T	T	15 07 58.4
H1N1	WAKE ISLAND Hy	22.25 66	T	T	15 08 53.5
H1N2	WAKE ISLAND Hy	22.25 66	T	T	15 09 06.9
H1N3	WAKE ISLAND Hy	22.26 66	T	T	15 09 29.4
JNU	Nakatsue	25.23 331	P	P	14 45 22.9 -0.4
JNU	comp=Z,1.5nm,1.3s		Iamb	Iamb	14 45 29.0
MJAR	Matsushiro Arr	25.68 347	P	P	14 45 26.8 -0.6
MJAR	comp=Z,1.5nm,0.7s,baz=152,slo=8.0,SNR=4.7		LR	LR	14 45 42.4
MJAR	comp=Z,10.0nm,19.4s,baz=100,slo=37		P	P	14 45 26.9 -0.6
MMRI	Maumere	30.52 320	P	P	14 46 10.9 0.0
MMRI	comp=Z,2.7nm,0.9s		Iamb	Iamb	14 47 16.9
ASAJ	Asahikawa	32.51 356	LR	LR	15 01 04.7
ASAJ	comp=Z,3.8nm,18.6s,baz=198,slo=5.9,SNR=6.2		P	P	14 46 32.8 -1.1
WRA	Warramunga Arr	33.14 199	P	P	14 46 32.8 -1.1
AS31	Alice Springs	36.77 198	P	P	14 47 05.1 0.0
ASAR	Alice Springs	36.77 198	P	P	14 47 05.7 +0.6
ASAR	comp=Z,0.7nm,1.1s,baz=21,slo=7.8,SNR=4.8		P	P	14 47 05.0 -0.1
ASAR	Alice Springs	36.77 198	P	P	14 47 05.0 -0.1
KLR	Kul'dur	39.21 346	LR	LR	15 02 46.4
MKAR	Makanchi Array	63.27 317	P	P	14 50 28.8 +1.0
MKAR	comp=Z,0.4nm,0.5s,baz=97,slo=8.7,SNR=6.1		P	P	14 50 28.8 +1.0
ZALV	Zalesovo Beam	65.53 325	P	P	14 05 26.9 +1.5
KURK	Kurchatov	66.43 320	P	P	14 50 46.8 +0.5
KURK	comp=Z,2.8nm,1.9s		Iamb	Iamb	14 51 01.1
IL31		70.18 25	P	P	14 51 09.7 +0.2
IL31	comp=Z,14nm,1.9s		Iamb	Iamb	14 53 17.3
ILAR		70.18 25	P	P	14 51 09.7 +0.1
ILAR	comp=Z,0.3nm,0.7s,baz=254,slo=5.				

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Alice Springs, Forrest, Narrogin (SRO), Coen, Chiang Mai Arr, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like San Juan, Guaynabo City, InterUniversit, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Water View, Taylorsville, Pitinga, etc.

ISC 09 17:47:09.6:2.6,9.06S;118.45E,h0km,mb3.3/3, mb1 3.3/5,mb1mx3.2/33,mbtmp3.2/5,ML3.2/2,Error ellipse: s-maj=205.3km s-min=23.1km az=53.0

DJA 09 17:47:17.6:0.6,10.54S*11.8Ei,h13km,4km,M3.9/13, mb4.0/3,ML3.9/13

ISC 09 17:47:17.1:0.9,9.61S;107.7*118.40E;0.05,h35km,n17, c#351/24,Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Waikabubak, Blampang, Baing, Sumba, Denpasar, Ende, Singaraja, etc.

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

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Tackleechee, Tackleechee, Lakeview Retre, etc.

RSPR 09 17:53:17.2,18.51N;68.81W,h127km,MD4.1/18

ISC 09 17:53:18.4:0.6,18.34N;68.66W,h112km,5km,mb3.9/19, mb1 4.1/21,mb1mx3.9/37,mbtmp4.3/21,MS3.2/2,Error ellipse: s-maj=9.8km az=39.0

NEIC 09 17:53:19.0:1.8,18.34N;0.07:68.72W;0.05,h119km,3km, MD4.1/35(RSPR),Error ellipse: s-maj=9.8km s-min=6.9km az=194.0

OSPL 09 17:53:21.4:3.5,18.04N;68.73W,h103km,31km,ML4.5

ISC 09 17:53:19.2:0.5,18.33N;0.04:68.64W;0.04,h119km,4km, n445,c156/467,mb4.3/21,9C-9D,Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Punta Cana, Loma Pena Alta, Isla Desecheo, Santo Domingo, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Grenada, Grenada, Speyside, Santo Domingo, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Edmonton, Pickwick Lake, Avella, Boston College, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Williamstown, Olmsteadville, Wolcott, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Scheferville, T25A, IROC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like ARSB, Arslanbob, Merke, etc.

KRNET 09 17:57:26.9, 0.1, 41.08N; 72:39E, h14km, mb2.4
NCC 09 17:57:29.7, 1.5, 41.18N; 72:34E, h6km, mb3.0, mpv2.6,
SOME 09 17:57:29.3, 4.1, 15N; 72:42E, h15km

IDC 09 17:59:25.0, 0.6, 54.03S; 134:16W, h0km, mb4.4/12,
mb1.4, 5.12, mb1mx3.3/39, mbtmp4.4/12, MS4.0/2,
MS1=4.0/2, ms1mx3.3/29, Error ellipse: s-maj=25.1km
s-min=18.7km, Error ellipse: s-maj=25.1km s-min=15.0km

NEIC 09 17:59:26.3, 1.6, 54.2S; 0.1:134:1W; 0.2, h10km, 1km,
mb4.9/34, Error ellipse: s-maj=21.5km s-min=16.3km
az=38.0

ISC 09 17:59:26.5, 0.5, 54.1S; 0.1:134:1W; 0.1, h12km, n90,
o5947/0, mb4.8/23, MS4.0/5, 1.3k, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like RPN, TBI, TBU, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WAKE ISLAND Hy 20.73 75 T, WAKE ISLAND Hy 20.75 75 T, WAKE ISLAND Hy 20.75 75 T, WAKE ISLAND Hy 20.75 75 T, WAKE ISLAND Hy 20.75 75 T, WAKE ISLAND Hy 20.75 75 T, WAKE ISLAND Hy 20.75 75 T, WAKE ISLAND Hy 20.75 75 T, WAKE ISLAND Hy 20.75 75 T, WAKE ISLAND Hy 20.75 75 T.

DJA 09 18:22:41.6:0.4, 8'S:3'x10'7E', h10km, M4.0/12, ML4.0/12

ISC 09 18:22:45.1:4.1, 7.60S:107.23E, h85km, 28km, mb3.2/6, mb1 3.3/6, mb1mx3.1/43, mbtmp3.5/6, Error ellipse: s-maj=80.1km s-min=19.0km az=54.0

ISC 09 18:22:43.8:0.9, 7.81S:108.00E:107.31E:0.06, h62km, n26, o156/23, mb3.2/5, JAWA

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CNUI Cibinong, CISO Cispomet, CISO Cispomet, CISO Cispomet, CISO Cispomet, CISO Cispomet, CISO Cispomet, CISO Cispomet, CISO Cispomet, CISO Cispomet, CISO Cispomet.

ISC 09 18:22:43.8:0.9, 7.81S:108.00E:107.31E:0.06, h62km, n26, o156/23, mb3.2/5, JAWA

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

KRNET 09 18:34:43.1:0.1, 41.08N:72.39E, h14km, mb2.0

NNC 09 18:34:45.2:4.1, 114N:72.40E, h0km, mb2.6, mpv2.2, Error ellipse: s-maj=20.0km s-min=7.6km az=171.0

SOME 09 18:34:45.2, 41.05N:72.50E, h20km

ISC 09 18:34:43.1:1.3, 41.08N:72.38E:0.03, h5km, 14km, n19, o90/34, 22C-4D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ARSB Arslanbob, ARSB Arslanbob, ARSB Arslanbob, ARSB Arslanbob, ARSB Arslanbob, ARSB Arslanbob, ARSB Arslanbob, ARSB Arslanbob, ARSB Arslanbob, ARSB Arslanbob, ARSB Arslanbob.

NIED 09 18:58:00, 28.80N:128.40E, h5km, Mw3.9 Best double couple: Mo:7.64000x10^14 NP1:368.00000°, 554.00000°, 1-114.00000°. NP2:285.00000°, 542.00000°

λ-61.00000° JMA 09 18:58:32.1:0.3, 28.76N:128.41E, h9km, 4km, M3.5, Error ellipse: s-maj=37.4km s-min=11.0km az=91.0

ISC 09 18:58:32.6:1.5, 28.86N:128.40E:0.05, h3km, 11km, n22, o87/24, mb3.4/5, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JAMN Amaminishikomi, JAMN Amaminishikomi, JAMN Amaminishikomi, JAMN Amaminishikomi, JAMN Amaminishikomi, JAMN Amaminishikomi, JAMN Amaminishikomi, JAMN Amaminishikomi, JAMN Amaminishikomi, JAMN Amaminishikomi, JAMN Amaminishikomi.

ISC 09 19:19:11.9:0.9, 6.25S:149.83E:149.83E:0.1, h52km, n13, o193/11, mb3.7/4, MS2.9/7, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat.

BUI 09 19:33:42.5:0.0, 10.30N:57.00E, h5km, mb4.8/4.5, mb4.9/57, Ms4.5/17, Ms7.4/27

ISC 09 19:33:44.0:0.5, 10.34N:57.05E, h0km, mb4.5/26, mb1 4.6/27, mb1mx4.3/38, mbtmp4.5/27, ML3.6/1, MS3.5/17, Ms1 5.1/37, ms1mx3.3/39, Error ellipse: s-maj=14.1km s-min=1.9km az=122.0

NEIC 09 19:33:45.7:1.9, 10.36N:0.09:56.95E:0.08, h10km, 1km, mb4.8/26, Error ellipse: s-maj=15.1km s-min=13.6km

OMAN 09 19:33:48.1:0.7, 10.23N:57.01E, h15km, 2km, ms3.5/5, Error ellipse: s-maj=26.3km s-min=17.5km az=74.0

ISC 09 19:33:45.3:0.9, 10.27N:0.06:56.97E:0.05, h10km, 5km, n26, o193/280, mb4.8/102, MS3.5/18, 12C-18D, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn.

ISC 09 19:33:45.3:0.9, 10.27N:0.06:56.97E:0.05, h10km, 5km, n26, o193/280, mb4.8/102, MS3.5/18, 12C-18D, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat, KRVT Keravat.

BUI 09 19:33:42.5:0.0, 10.30N:57.00E, h5km, mb4.8/4.5, mb4.9/57, Ms4.5/17, Ms7.4/27

ISC 09 19:33:44.0:0.5, 10.34N:57.05E, h0km, mb4.5/26, mb1 4.6/27, mb1mx4.3/38, mbtmp4.5/27, ML3.6/1, MS3.5/17, Ms1 5.1/37, ms1mx3.3/39, Error ellipse: s-maj=14.1km s-min=1.9km az=122.0

NEIC 09 19:33:45.7:1.9, 10.36N:0.09:56.95E:0.08, h10km, 1km, mb4.8/26, Error ellipse: s-maj=15.1km s-min=13.6km

OMAN 09 19:33:48.1:0.7, 10.23N:57.01E, h15km, 2km, ms3.5/5, Error ellipse: s-maj=26.3km s-min=17.5km az=74.0

ISC 09 19:33:45.3:0.9, 10.27N:0.06:56.97E:0.05, h10km, 5km, n26, o193/280, mb4.8/102, MS3.5/18, 12C-18D, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra, SOCY Socotra.

NIED 09 18:58:00, 28.80N:128.40E, h5km, Mw3.9 Best double couple: Mo:7.64000x10^14 NP1:368.00000°, 554.00000°, 1-114.00000°. NP2:285.00000°, 542.00000°

9d 20h

Table of station data for the 9d 20h period, including station names, coordinates, and various performance metrics.

2014 APR

Main table of station data for April 2014, listing stations like CONA, MORC, SUW, MYKA, etc., with their respective coordinates and metrics.

664

Table of station data for the 664 period, including stations like FITZ, TIXI, DAG, MJB9, MAJO, etc.

Table of station data for the IDC 09 19:42:15.6-2.2, 36°40'S-53°18'E, h0km, mb3.4/3, ms1mx2.7/12, Error ellipse: s-maj=97.9km s-min=40.8km az=35.0, South Indian Ocean.

Table of station data for the DJA 09 19:43:31.0-0.5, 1°N-4.1°E, h11km, 2km, M3.8/6, mb3.9/2, MLV3/0.6, Minahasa Peninsula, Sulawesi.

IDC 09 20:07:50.4-3.1, 7°60'S-127°62'E, h125km, 42km, mb3.2/2, mb1.3/9.6, mb1mx3.4/35, mbmtmp.4/1.6, Error ellipse: s-maj=49.2km s-min=17.5km az=95.0

DJA 09 20:07:54.1-1.0, 0.8°S-2°12'E, h29km, 9km, M4.3/12, mb5.6/3, mb4.3/6, MLV4.2/12, Mw(m)5.1/3, Mw(p)6.1/1

Table of station data for the IDC 09 20:07:51.3-0.7, 7°76'S-128°05'E, h0.05, h150km, n23, e190/31, Banda Sea.

9d 20h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like KAPPANG, VANDA, MORAWA, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like PASC, ARVC, KHHM, etc.

666

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like YERR, GLA, USA0B, etc.

Table with columns for race number, name, distance, time, and status. Includes entries like J08A Circle Bar Ran, LON Longmire, LON Longmire, etc.

Table with columns for race number, name, distance, time, and status. Includes entries like BGU Big Grassy Mtn, BARN Barnard, CTGM Chitina, etc.

Table with columns for race number, name, distance, time, and status. Includes entries like PV02 Paradox Valley, PV12 Saucer Basin, PV01 Paradox Valley, etc.

9d 20h

YHH	Holmes Hill	83.55	41	P	P	20 40 55.7 +1.0
YNM	Yellowstone No	83.62	41	P	P	20 40 53.6 -1.4
YNR	Norris Junction	83.63	41	P	P	20 40 56.8 +1.7
YMC	Snowmass	83.67	47	P	P	20 40 56.1 +0.5
YUF	Upper Falls	83.73	41	P	P	20 40 56.1 +1.2
LKWY	Lake	83.73	41	P	P	20 40 56.2 +0.6
LKWY	comp-Z,22nm,0.9s					
LKWY	Lake	83.73	41	P	P	20 40 56.2 +0.6
WALA	Waterton Lakes	83.81	36	P	P	20 40 56.2 +0.5
COLD	Coldfoot	83.86	10	I	Amb	20 40 56.4 +1.1
COLD	comp-Z,35nm,1.1s					
YMP	Mirror Lake Pl	83.97	41	P	P	20 40 55.9 -0.9
SDCO	Great Sand Dun	84.14	49	P	P	20 40 58.2 +0.3
SDCO	Great Sand Dun	84.14	49	P	P	20 42 13.3 +0.6
SDCO	Great Sand Dun	84.14	49	P	P	20 40 58.2 +0.3
FYU	Fort Yukon	84.17	12	P	P	20 40 56.8 +0.3
COCO	West Island	84.25	259	P	P	20 40 58.8 +0.3
COCO	comp-Z,100nm,1.2s					
COCO	West Island	84.25	259	P	P	20 40 58.8 +0.3
IPM	Iphoh	84.31	276	P	P	20 40 59.8 +0.9
IPM	comp-Z,24nm,0.8s					
IPM	Iphoh	84.31	276	P	P	20 41 00.0 +1.1
ENH	Enshi	84.39	303	P	P	20 40 58.4 -0.5
RLMT	Red Lodge	84.70	41	P	P	20 41 01.3 +0.9
RLMT	Red Lodge	84.70	41	P	P	20 41 01.6 +1.2
RLMT	comp-Z,33nm,1.3s					
T25A	Trinidad	84.70	50	P	P	20 41 00.9 +0.4
MSTX	Muleshoe	84.75	53	P	P	20 41 01.1 +0.3
MSTX	Muleshoe	84.75	53	P	P	20 41 01.2 +0.5
MSTX	Muleshoe	84.75	53	P	P	20 42 16.3 +0.6
TIV	Taiyuan	84.85	311	eP	S	20 41 03.2 +2.1
TIV	comp-Z,29nm,0.8s					
ISCO	Idaho Springs	84.89	47	P	P	20 41 01.8 +0.3
ISCO	comp-Z,10.0nm,1.5s					
ISCO	Idaho Springs	84.89	47	P	P	20 41 02.1 +0.6
ISCO	Idaho Springs	84.89	47	P	P	20 41 01.8 +0.3
BMAR	Burnt Mountain	85.05	12	P	P	20 41 01.6 +0.2
N25A	Red Feather La	85.10	46	P	P	20 41 02.4 -0.1
TOLK	Toolik Lake Re	85.24	9	P	P	20 41 02.6 +0.3
TOLK	Toolik Lake Re	85.24	9	P	P	20 41 03.0 +0.8
TOLK	comp-Z,48nm,1.2s					
K22A	Casper	85.42	44	P	P	20 41 04.0 0.0
K22A	Casper	85.42	44	P	P	20 41 01.6 -2.3
GYA	Guiyang	85.46	299	iP	P	20 41 06.3 +1.9
GYA						20 42 22.9 +0.2
GYA						20 44 28.6 +0.4
GYA						20 50 58.6 +0.4
GYA						20 56 52.2 +0.4
GYA	comp-Z,10.0nm,1.2s					
833A	Chaparral WMA,	85.52	59	P	P	20 41 05.4 +0.9
EGMT	Eagleton	85.72	38	P	P	20 41 05.5 +0.4
EGMT	Eagleton	85.72	38	P	P	20 41 06.0 +0.8
EGMT	Eagleton	85.72	38	P	P	20 41 07.0
PMSA	Palmer Station	85.85	157	P	P	20 41 06.3 +0.9
PMSA	Palmer Station	85.85	157	I	Amb	20 41 10.6
RPSI	Rantau Prapat	85.88	274	P	P	20 41 06.7 +0.7
RPSI	Rantau Prapat	85.88	274	P	P	20 41 06.6 +0.1
RPSI	Rantau Prapat	85.88	274	P	P	20 41 06.4 0.0
PSI	Prapat	85.91	274	P	P	20 41 06.6 -0.2
PSI	Prapat	85.91	274	P	P	20 41 06.7 -0.2
EPYK	Eagle Plains	85.92	15	P	P	20 41 05.6 -0.1
EPYK	Eagle Plains	85.92	15	P	P	20 41 05.9 +0.3
XAN	Xi'an	86.16	306	P	P	20 41 09.0 +1.5
XAN	comp-Z,26nm,1.3s					
XAN	Xi'an	86.16	306	P	P	20 41 08.5 +0.9
XAN	comp-Z,44nm,1.3s					
XAN	Xi'an	86.16	306	P	P	20 41 08.5 +0.9
SLVN	Son La	86.29	293	P	P	20 41 10.7 +2.3
HHC	Hu-ho-hao-te	86.68	314	eP	P	20 41 11.3 +1.3
HHC	comp-Z,23nm,1.4s					
HHC	Hu-ho-hao-te	86.68	314	eP	P	20 41 11.3 +1.3
HHC	comp-Z,54nm,5.2s					
HHC	Hu-ho-hao-te	86.68	314	eP	P	20 41 11.3 +1.3
ABTX	Abilene, Hawle	86.74	55	P	P	20 41 10.7 +0.4
ABTX	Abilene, Hawle	86.74	55	P	P	20 41 10.8 +0.5
GSI	Gunungstoli	86.83	272	P	P	20 41 13.1 +1.9
GSI	Gunungstoli	86.83	272	P	P	20 41 12.3 +1.1
GSI	Gunungstoli	86.83	272	P	P	20 41 13.8
PEL	Cerro Castillo	87.02	142	P	P	20 41 12.7 +1.3
GO10	Punta Arenas	87.11	144	P	P	20 41 14.5 +2.7
LAO	LASA Array	87.30	40	P	P	20 41 12.9 +0.2
YAK	Yakutsk	87.47	337	P	P	20 41 10.0 -3.0
YAK	Yakutsk	87.47	337	P	P	20 41 11.2 -1.8
YAK	comp-Z,36nm,0.9s					
YAK	Yakutsk	87.47	337	P	P	20 41 10.4 -2.6
MAW	Mawson	87.64	199	P	P	20 41 14.6 +0.8
MAW	Mawson	87.64	199	P	P	20 41 14.2 +0.3
MAW	comp-Z,42nm,1.0s					
MAW	Mawson	87.64	199	P	P	20 41 14.2 +0.3
USHA	Ushuaia	87.93	147	P	P	20 41 17.0 +1.5
INK	Inuvik	88.20	15	P	P	20 41 15.4 -1.0
INK	Inuvik	88.20	15	P	P	20 44 47.3 -1.7
INK	Inuvik	88.20	15	P	P	20 41 15.8 -0.6
INK	comp-Z,19nm,1.4s					
INK	Inuvik	88.20	15	P	P	20 41 15.8 -0.6
KMI	Kunming	88.42	296	P	P	20 41 21.3 +2.6
KMI						20 42 37.2 -0.5
KMI						20 43 09.3 +0.1
KMI						20 51 36.4 0.0
KMI						20 57 35.0 -1.6
KMI	comp-Z,16nm,1.5s					
KMI	Kunming	88.42	296	P	P	20 41 21.3 +2.6

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CD2	Chengdu	89.27	302	eP	P	20 41 22.0 -0.3
CD2	comp-Z,110nm,3.8s					
CD2	Chengdu	89.27	302	eP	P	20 41 22.0 -0.3
DGMT	Dagmar	89.28	39	P	P	20 41 23.0 +1.1
DGMT	Dagmar	89.28	39	P	P	20 41 23.0 +1.1
DGMT	Dagmar	89.28	39	P	P	20 41 24.1 +1.1
CMAR	Chiang Mai Arr	89.97	289	P	P	20 41 27.4 +1.6
CMAR	Chiang Mai Arr	89.97	289	P	P	20 41 27.1 +1.3
CMAR	comp-Z,5.0nm,0.9s,baz=91,slow=2.5,SNR=37					20 45 04.8 +0.7
CMAR	Chiang Mai Arr	89.97	289	P	P	20 41 27.8 +2.0
CMAR	comp-Z,0.2nm,0.3s,baz=96,slow=5.5,SNR=2.0					20 58 56.8 +1.2
CMAR	Chiang Mai Arr	89.97	289	P	P	20 41 27.8 +2.0
CMAR	comp-Z,6.0nm,0.9s					20 41 27.8 +2.0
CHTO	Chiang Mai	90.07	289	P	P	20 41 27.5 +1.3
CHTO	Chiang Mai	90.07	289	P	P	20 42 46.1 +1.1
YKA	Yellowknife Ar	90.47	24	P	P	20 41 27.2 +0.2
YKA	comp-Z,8.4nm,0.7s,baz=236,slow=4.6,SNR=11.3					20 45 06.0 -1.0
YKA	Yellowknife Ar	90.47	24	P	P	20 41 27.2 +0.2
YKA	comp-Z,0.5nm,0.8s,baz=236,slow=7.2,SNR=5.3					20 58 50.3 -1.7
YKA	Yellowknife Ar	90.47	24	P	P	20 41 27.2 +0.2
YKA	comp-Z,0.5nm,0.6s,baz=48,slow=2.0,SNR=4.9					21 07 02.0 -2.4
LZH	Lanzhou	90.76	307	iP	P	20 41 31.0 +1.7
LZH	Lanzhou	90.76	307	iP	P	20 42 49.7 +1.1
LZH	Lanzhou	90.76	307	iP	P	20 51 28.7 -0.7
LZH	Lanzhou	90.76	307	iP	P	20 51 55.3 -1.9
LZH	Lanzhou	90.76	307	iP	P	20 54 14.8 +1.9
LZH	comp-Z,29nm,1.4s					20 41 30.9 -0.2
LZH	Lanzhou	90.76	307	iP	P	20 41 30.9 -0.2
C36M	Paulatuk	91.38	16	P	P	20 41 31.1 0.0
C36M	Paulatuk	91.38	16	P	P	20 41 32.0
C36M	Paulatuk	91.38	16	P	P	20 41 35.0 +1.3
PLCA	Paso Flores	91.87	133	P	P	20 41 35.8 +1.5
PLCA	Paso Flores	91.87	133	P	P	20 41 35.8 +1.5
PLCA	comp-Z,22nm,1.0s					20 41 35.8 +1.5
PLCA	Paso Flores	91.87	133	P	P	20 41 35.8 +1.5
PLCA	Paso Flores	91.87	133	P	P	20 41 36.6
MDND	Madlock	91.91	41	P	P	20 41 35.0 +0.9
BOD	Bodaibo	92.03	330	eP	P	20 41 32.9 -1.5
BOD	Bodaibo	92.03	330	eP	P	20 41 35.3 +0.3
MIAR	Mount Ida	92.14	55	P	P	20 41 35.8 +0.3
W39A	Magazine	92.16	54	P	P	20 41 35.2 -0.4
ULN	Ulanbaatar	92.22	319	P	P	20 41 36.4 +0.7
ULN	Ulanbaatar	92.22	319	P	P	20 42 53.5 +1.3
ULN	Ulanbaatar	92.22	319	P	P	20 41 36.4 +0.7
ULN	Ulanbaatar	92.22	319	P	P	20 42 53.5 +1.3
ULN	Ulanbaatar	92.22	319	P	P	20 41 37.3 +0.8
N35A	Tabor	92.39	48	P	P	20 41 38.6
N35A	Tabor	92.39	48	P	P	20 41 37.3 +0.1
ECSO	EROS Data Cent	92.57	46	P	P	20 41 37.6 +0.3
ECSO	EROS Data Cent	92.57	46	P	P	20 41 38.0
SONM	Songino Array	92.62	319	P	P	20 41 38.0 +0.4
SONM	comp-Z,2.5nm,0.6s,baz=133,slow=4.5,SNR=19					20 42 54.8 +0.7
SONM	Songino Array	92.62	319	P	P	20 45 22.7 -1.7
SONM	comp-Z,2.2nm,1.1s,baz=116,slow=3.3,SNR=4.3					20 58 48.5 +0.6
SONM	Songino Array	92.62	319	P	P	20 41 37.9 +0.3
SONM	Songino Array	92.62	319	P	P	20 42 53.7 -0.3
SONM	Songino Array	92.62	319	P	P	20 41 37.9 +0.2
GO05	Huala	92.85	127	P	P	20 41 40.1 +1.2
U04A	Yellville	93.21	53	P	P	20 41 40.9 +0.5
U04A	Yellville	93.21	53	P	P	20 41 40.7 +0.3
S39A	Bolivar	93.21	52	P	P	20 41 40.5 +0.2
W41B	Gary Mavity, V	93.37	55	P	P	20 41 41.7 +0.6
F33A	5 Mile Ranch,	93.42	44	P	P	20 41 41.0 -0.1
F33A	5 Mile Ranch,	93.42	44	P	P	20 41 41.8
TIXI	Tiksi	93.64	345	P	P	20 41 40.6 -0.9
TIXI	comp-Z,8.1nm,0.9s,baz=122,slow=4.8,SNR=35					20 42 55.9 -1.9
TIXI	Tiksi	93.64	345	P	P	20 45 29.1 -2.5
TIXI	comp-Z,2.7nm,0.8s,baz=13,slow=1.1,SNR=1.3					20 41 40.6 -0.9
TIXI	Tiksi	93.64	345	P	P	20 41 40.7 -0.8
TIXI	Tiksi	93.64	345	P	P	20 42 56.3 -1.5
TIXI	Tiksi	93.64	345	P	P	20 41 42.2 0.0
TIXI	Tiksi	93.64	345	P	P	20 41 41.9 -0.2
SNA4	Sanae	93.73	178	P	P	20 41 42.0 -0.2
SNA4	Sanae	93.73	178	P	P	20 41 41.9 -0.2
SNA4	Sanae	93.73	178	P	P	20 41 42.6 +0.2
WNA3	Neumayer Olymp	93.78	176	P	P	20 41 43.6 -0.8
N36A	Joos South For	94.12	49	P	P	20 41 45.6
N36A	Joos South For	94.12	49	P	P	20 41 44.7 -0.1
R40A	Maddies Statio	94.18	52	P	P	20 41 44.9 +0.4
WNA2	Neumayer-Watz	94.24	176	P	P	20 41 47.4 +1.7
ROCI	El Roble	94.26	126	P	P	20 41 45.2 -0.5
AGMN	Agassiz Station	94.43	41	P	P	20 41 46.2 +0.8
VNA1	Neumayer-Stat	94.46	176	P	P	20 41 45.8 -0.6
PEL	Peldehue	94.47	126	P	P	20 41 45.8 -0.6
PEL	Peldehue	94.47	126	P	P	20 41 44.3 -1.7
NVL	N'laarezskaya	94.59	183	eP	P	20 41 48.0 +0.2
NVL	N'laarezskaya	94.59	183	eP	P	20 41 48.7
GTA	Gaotai	94.75	309	iP		

Table with columns: Ppd, 20h, Call Sign, Frequency, Mode, Power, and other technical details for stations like Papeete2, Raoul Island, PLCA, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations like CMAR, CHTO, MDJ, GYA, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations like PB16, IPOC Station P, EIDS, etc.

IDD 09 20:30:39.3:0.4.53:94S:134:09W,h0km,mb4.7/19, mb1.4.8/19,mb1mxa.6/47,mbtmp4.7/19, Error ellipse: s-maj=19.9km s-min=14.4km az=151.0 NEIC 09 20:30:41.2:1.7.54:1S:0:1:133:9W:0.2:h10km,1km, mb5.4/82, Error ellipse: s-maj=22.6km s-min=16.2km az=335.0 GCMT 09 20:30:44.2:0.2.54:11S:0:0:1:133:81W:0.03:h23km, MW5.3/127, Moment Tensor Solution. s51,c61; s127,c176, Duration: 191 Moment tensor: Scale 10^17 Mw=1.20;04; Mw0.975;03; Mw0.23;02; Mw0.16;04; Mw0.04;01; Mw0.06;03; Best double couple: M1.099000-1017, NP1=91.000000, 841.000000, 1-87.000000, Principal axes: T. 0.9850, Plq4.000000, Azm3.000000; N. 0.2320, Plq2.000000, Azm93.000000; P -1.2140, Plg85.000000, Azm208.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function ISC 09 20:30:41.4:0.3.54:0S:0:1:133:95W:0.09,h12km,n168, e1914/150,mb5.3/54,Pacific-Antarctic Ridge

9d 23h

Table with columns: ARU, Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Arti, Delisi, Tsey, Akhalkakali, Naichik, Khabaz, Kislovodsk, etc.

2014 APR

Table with columns: INK, Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Inuvik, Elieson Array, Yellowknife Arr, Warramunga Arr, etc.

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Sorong, Fitzeroy Crossi, Songoing Array, Erkin-348, Kurchatov Arra, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 675 MHz band.

Main table listing station call signs, frequencies, and technical parameters for various stations across the spectrum.

Table listing station call signs, frequencies, and technical parameters for stations in the 9d 23h band.

MONP2	Monument Peak	30.01 312	P	P	00 01 31.6 -1.5
J52A	Paris	30.02 15	P	P	00 01 32.7 -0.1
M59A	Waymart	30.05 23	P	P	00 01 33.5 +0.4
M60A	Port Jervis	30.18 24	P	P	00 01 33.9 -0.2
I49A	Point Hope	30.19 11	P	P	00 01 34.1 -0.1
PAL	Palisades	30.19 25	P	P	00 01 34.5 +0.2
K55A	Perry	30.21 18	P	P	00 01 34.4 0.0
MMNVY	Mt. Morris Dam	30.26 18	Iamb	Iamb	00 01 36.5
I48A	Sherman Twp	30.28 10	P	P	00 01 35.0 0.0
L58A	Harry Jones Me	30.33 22	P	P	00 01 35.8 +0.2
K56A	Middlesex	30.41 19	P	P	00 01 36.8 +0.5
BINY	Binghamton	30.42 21	P	P	00 01 36.6 +0.4
BINY	Binghamton	30.42 21	Iamb	Iamb	00 01 38.0
I51A	Listowel	30.43 13	P	P	00 01 36.2 -0.1
MEDO	Medina	30.49 17	Iamb	Iamb	00 01 38.4
M61A	Granite Spring	30.51 25	P	P	00 01 36.8 -0.2
J54A	Appleton	30.54 17	P	P	00 01 37.2 -0.1
K57A	Scipio Center	30.71 20	P	P	00 01 39.3 +0.5
L59A	Walton	30.75 23	P	P	00 01 39.9 +0.6
GLMI	Graying	30.77 8	P	P	00 01 39.4 +0.1
GLMI	Graying	30.77 8	Iamb	Iamb	00 01 41.0
J55A	Hilton	30.77 18	P	P	00 01 39.5 +0.2
SPMN	Marine on St.	30.84 357	P	P	00 01 39.7 -0.2
SPMN	Marine on St.	30.84 357	P	Iamb	00 01 40.0 +0.2
H48A	Harrisville	30.84 10	P	P	00 01 39.9 0.0
G45A	Suttons Bay	30.85 7	P	P	00 01 40.0 0.0
I52A	Shelburne	30.88 14	P	P	00 01 41.0 +0.7
L60A	Shokan	30.90 24	P	P	00 01 40.9 +0.4
K58A	Earlville	31.04 21	P	P	00 01 42.0 +0.3
J56A	Wolcott	31.08 19	P	P	00 01 42.1 +0.1
M63A	Gales Ferry	31.32 27	P	P	00 01 44.7 +0.5
K59A	Cooperstown	31.33 22	P	P	00 01 44.7 +0.4
J57A	Williamstown	31.48 20	P	P	00 01 45.7 +0.1
J57A	Williamstown	31.48 20	Iamb	Iamb	00 01 46.8
H52A	Wyeale	31.49 14	P	P	00 01 45.8 +0.2
F45A	CMU Biological	31.50 7	P	P	00 01 45.0 -0.7
SC12	San Clemente I	31.59 311	P	P	00 01 45.4 -1.3
COWI	Conover	31.66 2	Iamb	Iamb	00 01 48.1
I55A	Frankford	31.68 18	P	P	00 01 47.6 +0.3
J58A	Remsen	31.69 21	P	P	00 01 47.8 +0.5
H53A	Bocbaygeon	31.76 16	P	P	00 01 48.3 +0.3
SADO	Sadowna	31.79 15	Iamb	Iamb	00 01 50.4
K61A	Williamstown	31.85 24	P	P	00 01 49.6 +0.7
L61B	Norhampton	31.91 25	P	P	00 01 50.4 +1.1
DE40	Deloro Mine	31.98 17	Iamb	Iamb	00 01 51.2
F48A	Evansville	32.05 10	P	P	00 01 50.1 -0.4
J59A	Piesco	32.06 22	P	P	00 01 50.8 +0.1
J59A	Piesco	32.06 22	Iamb	Iamb	00 01 51.7
I57A	Carthage	32.06 20	P	P	00 01 50.9 +0.2
I58A	Old Forge	32.08 21	P	P	00 01 51.1 +0.2
F49A	Sandfield	32.09 11	P	P	00 01 50.5 -0.4
H55A	Tweed	32.13 18	P	P	00 01 51.2 0.0
E38A	The Farm, Brul	32.17 359	Iamb	Iamb	00 01 52.5
G53A	Haliburton	32.25 16	P	P	00 01 52.2 -0.1
J60A	Lant Hill Farm	32.27 24	P	P	00 01 52.6 +0.1
H56A	Elgin	32.45 19	P	P	00 01 54.4 +0.0
E47A	Iron Bridge	32.56 9	P	P	00 01 54.9 +0.1
I59A	Olmsteadville	32.57 23	P	P	00 01 55.3 +0.2
K63A	Dunstable	32.59 26	P	P	00 01 55.4 +0.2
PLVO	Plevna	32.61 18	Iamb	Iamb	00 01 56.7
H57A	Richville	32.62 20	P	P	00 01 55.8 +0.3
A41A	Chassel	32.64 2	Iamb	Iamb	00 01 56.5
G54A	Lake Saint Pet	32.65 16	P	P	00 01 56.0 +0.2
F51A	Arnstein	32.69 14	P	P	00 01 56.2 +0.1
F52A	Sundridge	32.71 14	P	P	00 01 56.0 -0.2
E48A	Lockeys	32.77 11	P	P	00 01 56.6 -0.1
PDAR	Pinedale Array	32.77 333	P	P	00 01 57.6 +0.5
PDAR	Pinedale Array	32.77 333	P	P	00 04 37.2 -0.9
PDAR	Pinedale Array	32.77 333	P	P	00 08 04.5 -0.8
I60A	Shoreham	32.83 23	P	P	00 01 56.9 -0.5
A46A	Sault St. Mari	32.87 8	P	P	00 01 57.6 -0.1
J62A	Henniker	32.91 25	P	P	00 01 58.0 0.0
G55A	Calabie	32.91 18	P	P	00 01 58.2 +0.2
H58A	Gabriels	33.00 22	P	P	00 01 59.0 +0.2
LONY	Lake Ozonia	33.03 21	P	P	00 01 59.3 +0.2
LONY	Lake Ozonia	33.03 21	Iamb	Iamb	00 02 00.5
D47A	Chapleau	33.17 9	P	P	00 02 00.2 -0.1
ALGO	Algonquin Park	33.18 16	P	P	00 02 00.7 +0.4
J63A	Stratford	33.26 26	P	P	00 02 01.7 +0.7
G57A	Newington	33.32 20	P	P	00 02 01.7 +0.2
E52A	Mattawa	33.33 15	P	P	00 02 01.6 0.0
E51A	C1948 Merrick	33.36 14	P	P	00 02 02.0 +0.1

H59A	Cadyville	33.37 22	P	P	00 02 02.3 +0.3
D48A	Paudash Townsh	33.50 11	P	P	00 02 02.8 -0.3
EYMN	Ely	33.51 359	P	P	00 02 02.5 -0.7
F55A	Otter Lake	33.54 18	P	P	00 02 04.2 +0.7
I62A	Tamworth	33.63 25	P	P	00 02 05.0 +0.7
PTGA	Pitinga	33.65 114	P	P	00 02 03.4 -1.5
PTGA	Pitinga	33.65 114	P	P	00 02 03.2 -1.6
PTGA	Pitinga	33.65 114	Iamb	Iamb	00 02 04.7 +0.1
PTGA	Pitinga	33.65 114	P	P	00 02 03.5 -1.3
H60A	Morristown	33.67 23	P	P	00 02 04.7 +0.1
E53A	Dumoine	33.67 16	P	P	00 02 05.1 +0.5
D49A	Beulah Townsh	33.68 11	P	P	00 02 04.3 -0.3
G58A	Ormsstown	33.68 21	P	P	00 02 04.4 -0.2
E54A	Lac Duplat, Po	33.85 16	P	P	00 02 06.5 +0.4
D50A	G1974 Best Tow	33.88 13	P	P	00 02 06.3 -0.1
D51A	L18 Range I	33.91 14	P	P	00 02 06.7 0.0
G59A	Clarenceville	33.93 22	P	P	00 02 06.8 0.0
F57A	Harrington	34.04 20	P	P	00 02 08.2 +0.4
I63A	Otisfield	34.09 26	P	P	00 02 08.6 +0.4
AGMN	Agassiz Nation	34.15 354	P	P	00 02 08.5 -0.1
AGMN	Agassiz Nation	34.15 354	Iamb	Iamb	00 02 09.8
E55A	Montcerf-Lyt	34.19 18	P	P	00 02 09.3 +0.2
MDND	Maddock	34.26 349	P	P	00 02 10.1 +0.4
NV11	Mina Array Sit	34.30 320	P	P	00 02 11.3 +1.0
D53A	Lac Vavie, Po	34.31 15	Iamb	Iamb	00 02 10.6 +0.6
D53A	Lac Vavie, Po	34.31 15	Iamb	Iamb	00 02 12.0
NVAR	Mina Array Bea	34.39 319	P	P	00 02 13.0 +1.8
NVAR	Mina Array Bea	34.39 319	P	P	00 02 50.6 +1.0
NVAR	Mina Array Bea	34.39 319	P	P	00 04 44.2 +1.5
NVAR	Mina Array Bea	34.39 319	P	P	00 02 14.3 +3.2
NVAR	Mina Array Bea	34.39 319	P	P	00 02 51.3 +1.7
E56A	St. Veronique	34.58 19	P	P	00 02 13.1 +0.6
D54A	Lac Fusel, La	34.66 17	P	P	00 02 13.2 +0.2
E57A	Chemin Saint G	34.75 20	P	P	00 02 13.9 0.0
D55A	Sainte-Anne-du	34.88 18	P	P	00 02 15.1 +0.2
E58A	La Victoria	35.01 21	P	P	00 02 16.5 +0.4
G62A	West of Eustis	35.05 25	P	P	00 02 17.4 +0.8
D56A	ZEC Mazanza, M	35.12 19	P	P	00 02 17.1 +0.1
F60A	Warwick	35.14 23	P	P	00 02 17.5 +0.3
VLDQ	Val d'Or	35.33 15	Iamb	Iamb	00 02 20.2
G63A	Kingsbury	35.36 26	P	P	00 02 19.8 +0.7
D57A	Chemin Vers le	35.37 20	P	P	00 02 19.2 0.0
SAML	Samuel	35.57 129	P	P	00 02 19.9 -1.3
E60A	Ste Agathe de	35.66 23	P	P	00 02 21.7 +0.1
D58A	Chemin du LacG	35.77 21	P	P	00 02 22.9 +0.3
F63A	Nelmakanta, Br	36.05 26	P	P	00 02 25.0 0.0
LATQ	La Tuque	36.06 20	P	P	00 02 25.0 0.0
ULM	Lac du Bonnet	36.08 354	P	P	00 02 24.6 -0.5
ULM	Lac du Bonnet	36.08 354	Iamb	Iamb	00 19 42.5
ULM	Lac du Bonnet	36.08 354	Iamb	Iamb	00 02 25.6
H66A	Whiting	36.12 28	P	P	00 02 26.0 +0.5
G65A	Princeton	36.32 28	P	P	00 02 27.8 +0.5
MATQ	Mattawa	36.82 14	P	P	00 02 31.5 +0.1
D61A	St Aubert, Com	36.84 23	P	P	00 02 31.8 +0.2
E63A	Oxbow	36.91 26	P	P	00 02 32.7 +0.5
D62A	Allapoint, All	37.18 24	P	P	00 02 34.8 +0.3
D63A	Stockholm	37.53 25	P	P	00 02 37.6 +0.2
LPAZ	La Paz	37.57 143	P	P	00 02 39.8 +1.0
LPAZ	La Paz	37.57 143	P	P	00 02 40.2 +1.4
LPAZ	La Paz	37.57 143	P	P	00 02 41.1 +1.4
GOO1	Chumizua	39.73 148	P	P	00 02 59.3 +2.7
FFC	Flin Flin	41.28 350	P	P	00 03 09.1 +0.7
SIV	San Ignacio	41.83 135	P	P	00 03 13.4 +0.1
CLDB	Colider	42.49 124	eP	eP	00 03 15.9 -2.8
CLDB	Colider	42.49 124	P	P	00 04 17.1 -1.0
SCHO	Schefferville	44.37 19	P	P	00 03 34.4 +0.2
SCHO	Schefferville	44.37 19	P	P	00 03 33.2 0.0
SCHO	Schefferville	44.37 19	P	P	00 03 42.2 -1.3
SALV	Santo Antonio	45.61 127	P	P	00 05 04.2 -1.7
AGDB	Araguana, MT	48.45 135	P	P	00 04 06.5 0.0
YKA	Yellowknife Ar	51.05 346	P	P	00 04 24.7 +0.3
YKA	Yellowknife Ar	51.05 346	P	P	00 05 05.2 +0.2
BDFB	Brasilia	51.42 124	P	P	00 04 26.5 -1.4
BDFB	Brasilia	51.42 124	Iamb	Iamb	00 04 29.3
FRB	Frrobisher Bay	51.63 12	LR	LR	00 26 27.7
CPUP	Villa Florida	51.67 141	P	P	00 04 28.5 -1.0
CPUP	Villa Florida	51.67 141	P	P	00 05 41.0 +0.4
CPUP	Villa Florida	51.67 141	Iamb	Iamb	00 04 29.7
DLBC	Dease Lake	52.97 335	P	P	00 04 40.0 +1.2
DLBC	Dease Lake	52.97 335	P	P	00 04 37.8 -0.9
VAO	Vainhos	56.45 131	eP	eP	00 05 04.2 -0.1
BSCB	Bom Sucesso	56.94 127	eP	eP	00 05 07.9 +0.1
PLCA	Pao Flores	57.82 162	P	P	00 05 14.4 +0.9
PLCA	Pao Flores	57.82 162	P	P	00 05 12.7 -0.8
SJMB	Sao Joao De Ma	58.12 123	eP	eP	00 05 18.8 -0.3
SJMB	Sao Joao De Ma	58.12 123	LR	LR	00 01 56.2
BSFB	Barr de Sao F	58.91 123	eP	eP	00 05 21.3 -0.2
RES	Resolute Bay	60.38 359	P	P	00 05 30.1 -0.4
RES	Resolute Bay	60.38 359	P	P	00 06 11.8 -0.6
RES	Resolute Bay	60.38 359	P	P	00 05 30.2 -0.3
INIK	Inuvik	60.55 343	P	P	00 05 32.5 -0.7
A36M	Sachs Harbour	61.21 348	P	P	00 05 35.9 +0.3
ILAR	Elieison Array	63.13 336	P	P	00 05 49.0 -0.1
ILAR	Elieison Array	63.13 336	P	P	00 06 32.1 +0.5
ILAR	Elieison Array	63.13 336	P	P	00 05 49.7 +0.6

BMAR	Burnt Mountain	63.50 340	P	P	00 05 52.0 +0.5
TOLK	Toolik Lake Re	65.72 340	P	P	00 06 05.7 -0.2
NOA	NORSAR Array B	83.10 29	P	P	00 07 45.6 -0.7
NOA	NORSAR Array B	83.10 29	P	P	00 08 29.5 -1.2
DBIC	Dimbokro	84.08 85	P	P	00 07 49.8 -2.3
GERES	Gerres Array	85.34 240	P	P	00 08 11.0 -1.4
GERES	Gerres Array	85.34 240	P	P	00 08 57.6 -0.7
HHC	hao-te	121.42 341	eP	eP	00 14 14.4 +1.0
WMQ	Urumqi	122.08 2	eP	eP	00 14 16.0 +1.4
WMQ	Urumqi	122.08 2	P	P	00 14 16.0 +1.4
WMQ	Urumqi	122.08 2	eP	eP	00 14 17.4 +0.3
MAW	Mawson	124.01 168	PKP	PKP	00 14 18.1 +0.6
MAW	Mawson	124.01 168	PKP	PKP	00 14 21.9 +1.5
KSH	Kashi	124.92 13	PKP	PKP	00 14 27.2 +0.4
LZH	Lanzhou	128.06 345	PKP	PKP	00 15 30.0
LZH	Lanzhou	128.06 345	PKP	PKP	00 14 30.2 +0.6
CD2	Chengdu	132.98 343	PKP	PKP	00 14 35.4 -0.1

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like TNSJ, IVRN, TKDS, ALIB, ASTR, LKRN, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KSH, KASHI, KSH, KSH, KSH, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like CFR, HARR, ICON, IOR, AKASG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and data rows for stations like SONGINGO Array, SONGINGO ULN, LANZHOU, etc.

Technical notes and coordinates for stations: IDC 10:00:10.31.4.0.5, 20.24Sx70.69W, h0km, mb4.4/15, mb1.4/6/18, mb1mx4.4/37, mbtmp4.4/18, ML4.5/3, MS3.4/5, Ms1.3/4.5, ms1mx3.2/18, Error ellipse: s-maj=20.3km s-min=12.7km az=79.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and data rows for stations like TA01, PATCX, PSGC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and data rows for stations like PB09, PB16, PB05, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and data rows for stations like PTPNV, ISA, DUG, R11A, etc.

ROM 10:00:12:32.2.0.1, 43.431N, 0.0022, -12.527E, h9km, ML0.3/2, 1C, Error ellipse: s-maj=0.2km s-min=0.1km az=335.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and data rows for stations like SKO, BEO, ATH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MGNA Meganis, LK2D Lefkada island, etc.

TEH 10 02:33:39.6, 38°58'N, 55°61'E, h12km, ML3.4
IDC 10 02:33:41.7, 2.0, 38°46'N, 55°50'E, h0km, mb3.1/2.
mb1 3.4/5, mb1mx3.2/52, mbtrp3.4/5, ML3.3/3, MS2.8/1,
Ms1 2.8/1, ms1mx2.2/19, Error ellipse: s-maj=25.0km
s-min=19.7km az=60.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IMND Minoodasht, GEYT Alikebeck, etc.

BUI 10 02:37:59.3, 0.0, 23°59'N, 123°33'E, h16km, mb4.6/48,
mb4.6/59, ML4.6/7, Ms4.4/64, Ms7.4/157
NIED 10 02:38:00, 23°70'N, 123°00'E, h23km, Mw4.7 Best double
couple: M1:20000, 23°70'N, 123°00'E, h23km, Mw4.7

λ-174.00000°, NP2:303.00000°, δ84.00000°, λ0.00000°.
IDC 10 02:38:00.8, 0.5, 23°81'N, 123°08'E, h0km, mb4.4/32,
mb1 4.6/34, mb1mx4.5/50, mbtrp4.4/34, ML3.5/2, MS3.7/23,
Ms1 3.7/23, ms1mx3.6/48, Error ellipse: s-maj=14.2km
s-min=12.1km az=75.0
JMA 10 02:38:04.9, 0.1, 23°73'N, 123°03'E, h48km, Mw4.8
JMA Felt I J1.
NEIC 10 02:38:05.4, 1.5, 23°74'N, 123°04'E, h38km, Mw4.8
mb4.7/87, Error ellipse: s-maj=7.8km s-min=5.3km
az=119.0
GCMZ 10 02:38:05.4, 0.4, 23°55'N, 122°12'E, h28km, Mw4.7
Mw4.9/76, Moment Tensor Solution
Duration: 0 Moment tensor: Scale 10^16Nm; Mrr: 10.14;
Mss: 1.42; L1: 10.1; Mtt: 1.52; 11: Mtt-0.25; 16: Mtt-1.00; 09:
Mtt-0.61; 19: Best double couple: M1:89600x10^16
NP1:298.00000°, δ70.00000°, λ0.00000°. NP2:
δ28.00000°, δ90.00000°, λ-160.00000°. Principal axes:
T: 1.8340, Plg14.00000°, Azm161.00000°; N: 0.1270,
Plg70.00000°, Azm28.00000°; P: -1.9570, Plg14.00000°,
Azm255.00000°; nstai refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function
BGR 10 02:38:10.9, 0.9, 24°57'N, 122°06'E, h33km, mb4.7
ISC 10 02:38:05.3, 0.7, 23°76'N, 123°06'E, 0.03, h29km, Mw4.8,
h207, 1972/194, mb4.7/92, MS3.9/25, 7C-9D,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YJNG Yonagunijimaku, YJOG Yonaguni jima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAV Davao City (W), BJI Beijing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MTN Kununurra, FITZ Fitzroy Crossi, WRAP Warramunga Arr, etc.

IDC 10 04:14:0.6:1.7, 2.50S, 128.49E, h0km, mb4.0/4, mb1.4/3.5, mb1mx3.7/4.3, mbtmp4.2/5, ML4.4/1, MS3.1/1, Ms1.3/1.1, ms1mx2.6/2.7, Error ellipse: s-maj=170.4km s-min=20.5km az=67.0

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

IDC 10 04:14:10.9:0.7, 3.04AS, 0.06:127.51E:0.05, h35km, n40, c2535/39, mb4.1/6, Seram

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

NIED 10 04:17:00.35:80N:140:20E, h2km, Mw4.2, Best double couple: M1.970000, 1.015 NP1.36800000, 865.000000, 1.100.000000, NP2.171.000000, 836.000000, 1.76.000000

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JMA Felt II J1, JMA Felt II J2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JCN Nagara, JSMT Sammumatsuo, TOK Tokyo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MAJO Matsushiro, MAT Matsushiro, MJB9 Matsu-Tunnel, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H1N1 WAKE ISLAND Hy 28.39 117 T, H1N2 WAKE ISLAND Hy 28.40 117 T, etc.

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, KSRS Korea Array, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H1N1 WAKE ISLAND Hy 28.39 117 T, H1N2 WAKE ISLAND Hy 28.40 117 T, etc.

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for various stations.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

10d 5h

10d 04:48:20.8±2.6, 36.96N±97.59W, h0km, mb3.2/1, mb1 3.4/4, mb1mx3.3/42, mbtmp3.0/4, ML3.5, Error ellipse: s-maj=36.3km s-min=18.9km az=91.0

ISC 10 04:48:13.6±0.8, 36.47N±0.04, 97.16W±0.04, h10km, n55, c1655/57, Oklahoma

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC h m s, Res h m s, ISC. Lists various seismic stations and their recorded data for the event.

JMA 10 04:58:43.7±0.1, 24.03N±122.29E, h16km±3km, M2.2 TAP 10 04:58:43.7, 24.10N±122.27E, h23km, ML2.9, D ISC 10 04:58:43.7±1.1, 24.07N±0.02, 122.28E±0.02, h24km±12km, n64, c0547/113, 1D, Taiwan region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC h m s, Res h m s, ISC. Lists various seismic stations and their recorded data for the event.

2014 APR

Table with columns: HGSD, Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC h m s, Res h m s, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC h m s, Res h m s, ISC. Lists various seismic stations and their recorded data for the event.

IASPEI 10 05:55:02.4±0.8, 44.51N±0.02±6.73E±0.02, h14km±5km, Error ellipse: s-maj=2.7km s-min=2.3km az=67.6, 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, <i>Seism. Res. Let.</i>, 80, 465-472, 2009 ROM 10 05:55:02.5±0.1, 44.595N±0.006±6.705E±0.009, h13km±2km, ML1.6/8, Error ellipse: s-maj=0.8km s-min=0.1km az=222.0 GEN 10 05:55:02.8, 44.49N±6.68E, h4km±1km, M1.6 STR 10 05:55:03.0±0.2, 45.1N±1.3E, h9km±2km, MLV1.6/6, smi:scs/0.6/LOCSAT earthModelID smi:scs/0.6/alpes_tap-2.1 preliminary LDG 10 05:55:03.0±0.1, 44.51N±6.73E, h2km, Md2.5/1, M12.3/7, Error ellipse: s-maj=1.3km s-min=0.9km az=59.0 ISC 10 05:55:02.7±0.9, 44.51N±0.02±6.73E±0.02, h19km±2km, n53, c071/93, France

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pioggiola, Kfar-mosalman, Kamar-syah, Badra, etc.

TEH 10 06:01:14.1, 32.35N, 47.56E, h10km, ML2.5
ISN 10 06:01:15.2, 1.9, 32.36N, 47.52E, h15km, ML2.0
ISC 10 06:01:13.4, 2.8, 32.32N, 02.475E, h10km, n7,
0653.9, Iran-Iraq border region

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kfar-mosalman, Kamar-syah, Badra, etc.

IDC 10 06:35:58.0, 7.4, 6.02S, 147.29E, h91km, 52km, mb3.8/3,
mb4.1, 4.0S, mb1mx3.4/4.3, mbtmp4.1/5, ML4.5/1, Error
ellipse: s-maj=12.0km s-min=41.0km az=12.0

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, Alice Springs, Fitz Crossi, etc.

NEIC 10 06:41:07.2, 1.3, 6.45S, 0.1, 150.0E, 0.2, h41km, 7km,
mb4.2/12, Error ellipse: s-maj=28.6km s-min=9.9km
az=129.0

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Keravat, Port Moresby, Rabaul, etc.

IDC 10 06:41:09.1, 1.9, 6.34S, 149.90E, h59km, 16km, mb3.8/5,
mb4.1, 4.7, mb1mx3.6/4.0, mbtmp4.2/7, MS3.2/13,
Ms1.3.2/13, ms1mx3.1/3.5, Error ellipse: s-maj=52.0km
s-min=12.4km az=132.0

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Keravat, Port Moresby, Rabaul, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Keravat, Port Moresby, Rabaul, etc.

NEIC 10 06:51:37.0, 1.4, 31.68S, 0.02, 69.60W, 0.06, h114km, 7km,
mb4.4/4, Error ellipse: s-maj=8.0km s-min=2.3km
az=106.0

GUC 10 06:51:37.0, 3.0, 5.31, 64S, 69.90W, h113km, 13km, ML4.0

IDC 10 06:51:38.4, 1.6, 31.60S, 69.42W, h122km, 12km, mb3.5/6,
mb1.3.7/7, mb1mx3.5/2.1, mbtmp3.8/7, Error ellipse:
s-maj=32.2km s-min=21.3km az=79.0

ISC 10 06:51:36.9, 0.7, 1.64S, 0.04, 69.62W, 0.04, h113km, 6km,
n47, 0.9156/67, mb4.1/8, 4C-4D, San Juan Province

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Leoncito, Cerro Valdivia, Cerro Villicu, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Renca, Penalolen, Universidad Ad, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Las Melosas, Las Malvinas, San Martin, etc.

GUC 10 06:53:02.4, 0.6, 20.63S, 70.91W, h36km, 2km, ML4.0,

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Diego Aracena, Punta Patache, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, IPOC Station P, etc.

SNET 10 07:08:03.7, 1.1, 14.49N, 89.16W, h3km, 5km, ML2.8

GCG 10 07:08:06.7, 0.8, 14.78N, 89.22W, h54km, 14km, MD3.2

ISC 10 07:08:01.5, 1.9, 14.66N, 0.07, 89.07W, 0.04, h3km, 13km,
n17, 0.977/27, Guatemala

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Montecristo, La Laguna, Marmol, etc.

KEA 10 07:18:46.9, 0.0, 41.82N, 121.32E, h0km, ML3.2/2,

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Suji, Sujiu, Pyongsong, etc.

NEIC 10 07:24:35.2, 1.4, 20.13S, 0.09, 178.4W, 0.1, h59km, 7km,
mb4.4/39, Error ellipse: s-maj=19.0km s-min=11.9km
az=107.0

IDC 10 07:24:35.1, 2.0, 19.99S, 178.53W, h50km, 24km,
mb3.2/11, mb1.3.5/12, mb1mx3.2/4.1, mbtmp4.2/12, Error
ellipse: s-maj=21.2km s-min=12.5km az=146.0

ISC 10 07:24:35.7, 0.5, 20.13S, 0.08, 178.28W, 0.08, h602km,
n84, 0.9146/89, mb4.2/28, FJ Islands region

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nonsavu, Afiamalu, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Khatara, Lake Taylor, etc.

SJA 10 06:51:35.7, 0.7, 31.65S, 69.62W, h121km, 3km, ML4.0,
MW4.1

R55A	baz=254	14.00	75	P	Pn	07 37 13.9	-1.2
MCWV	baz=265	14.39	69	P	Pn	07 37 20.2	-0.1
S56A	Mont Chateau	14.40	77	P	Pn	07 37 19.3	-1.2
ULM	Lac du Bonnet	14.48	4	Pn	Pn	07 37 18.1	-3.4
ULM	0.5nm,0.3s,ba=181,slow=12,SNR=6.2			Sn	Sn	07 39 49.9	-1.2
ULM	0.8nm,0.3s,ba=176,slow=17,SNR=3.0			Lg	Lg	07 41 22.6	
ULM	0.6nm,0.3s,ba=269,slow=12,SNR=4.7			Lg	Lg	07 43 06.8	
ULM	comp=Z,172nm,18.5s,ba=360,slow=38			Lg	Lg	07 40 19.0	-2.4
N54A	Lac du Bonnet	14.48	4	Pn	Pn	07 37 20.9	-1.9
N54A	Moraine State	14.57	64	P	Pn	07 37 20.9	-1.9
T57A	Hurt	14.64	80	P	Pn	07 37 23.2	-0.6
L53A	Girard	14.66	60	P	Pn	07 37 22.3	-1.8
ELK	Elko	14.87	295	LR	LR	07 44 07.9	
I51A	Listowel	14.87	53	P	Pn	07 37 24.2	-2.6
S57A	Dark Hollow, R	14.89	77	P	Pn	07 37 25.6	-1.6
D46A	Sault St. Mari	14.91	38	P	Pn	07 37 24.0	-3.3
F48A	Evansville	14.98	44	P	Pn	07 37 26.0	-2.2
J52A	Paris	14.99	55	P	Pn	07 37 26.4	-2.0
E47A	Iron Bridge	15.01	41	P	Pn	07 37 26.4	-2.2
F49A	Sandfield	15.27	45	P	Pn	07 37 29.5	-2.5
D47A	Chapleau	15.49	39	P	Pn	07 37 30.3	-4.7
E48A	Lookeyer	15.62	42	P	Pn	07 37 33.9	-2.9
PFO	Pinyon Flats O	15.85	268	LR	LR	07 43 43.0	
M56A	Emporium	16.02	64	P	Pn	07 37 39.7	-2.3
SSPA	Standing Stone	16.05	67	P	Pn	07 37 39.9	-2.4
SSPA	Standing Stone	16.05	67	Pn	Iamb	07 37 42.2	-0.1
LP1A	Laz Paz	16.16	227	LR	LR	07 44 12.7	
D48A	Paudash Townsh	16.25	41	P	Pn	07 37 42.5	-2.2
N57A	Milroy	16.32	66	P	Pn	07 37 43.7	-2.1
SADO	Sadowa	16.51	52	Pn	Pn	07 37 46.9	-1.3
SADO	comp=Z,0.4nm,0.3s,ba=260,slow=8.9,SNR=3.3			Lg	Lg	07 42 27.8	
SADO	comp=Z,0.5nm,0.3s,ba=323,slow=20,SNR=2.8			LR	LR	07 44 13.4	
F51A	Armstein	16.60	47	P	Pn	07 37 46.2	-3.1
L56A	Greenwood	16.64	62	P	Pn	07 37 48.1	-1.8
L56A	Greenwood	16.64	62	Pn	Pn	07 37 47.8	-2.0
O58A	Lewisberry	16.69	69	P	Pn	07 37 48.3	-2.1
NVAR	Minna Array Bea	16.90	285	Pn	Pn	07 37 54.4	+1.1
D50A	C1974 Best Tow	17.32	44	P	Pn	07 38 05.1	-3.2
TEIG	Tepich	17.46	150	P	P	07 38 03.6	+2.3
TEIG	baz=249,slow=0.0						
E52A	Mattawa	17.46	150	P	Pn	07 38 01.4	+0.1
D51A	Lot 18 Range I	17.54	44	P	Pn	07 37 58.6	-2.5
N58A	State Game Lan	17.68	67	Pn	Pn	07 38 03.2	+0.4
ALGO	Algonquin Park	17.74	49	Pn	Pn	07 38 00.0	-3.5
BINY	Binghamton	17.79	63	Pn	Iamb	07 38 03.4	-0.8
BINY	comp=Z,26nm,1.2s			Iamb	Iamb	07 38 09.7	
PLVO	Plevna	17.96	53	Pn	Pn	07 38 06.9	+0.0
K58A	Earlville	18.17	61	Pn	Pn	07 38 08.1	+0.1
K58A	comp=Z,32nm,1.4s			Iamb	Iamb	07 38 13.9	
L59A	Walton	18.46	63	P	Pn	07 38 13.5	+0.0
L59A	comp=Z,28nm,1.4s			Iamb	Iamb	07 38 27.2	
E54A	Lac Dupat, Po	18.50	49	P	P	07 38 10.4	-2.3
D53A	Lac Vieve, Po	18.50	46	P	Pn	07 38 10.9	-1.9
D53A	Lac Vieve, Po	18.50	46	P	P	07 38 12.7	0.0
D53A	comp=Z,7.4nm,0.8s			Iamb	Iamb	07 38 27.1	
CMIG	Matias Romero	18.77	173	P	Pn	07 38 18.1	+1.8
NEW	Newport	19.17	317	LR	LR	07 46 12.8	
VLD0	Vai d'Or	19.18	44	P	Pn	07 38 19.7	-0.5
VLD0	comp=Z,10nm,1.1s			Iamb	Iamb	07 38 35.1	
NCB	Newcomb	19.50	58	P	P	07 38 24.1	+0.4
NCB	comp=Z,12nm,1.4s			Iamb	Iamb	07 38 35.8	
YBH	Yreka Blue Hor	20.59	294	P	Pn	07 38 36.3	+0.6
APG	El Apazote	21.62	162	LR	LR	07 48 22.7	
BBB	Bella Bella	21.74	317	LR	LR	07 51 17.8	
YKA	Yellowknife Ar	28.80	343	P	P	07 39 54.8	+0.5
YKA	comp=Z,0.3nm,0.6s,ba=146,slow=9.2,SNR=6.9			Lg	Lg	07 49 09.7	
YKA	comp=Z,2.1nm,1.1s,ba=145,slow=26,SNR=2.7			LR	LR	07 51 55.4	
FRB	Frobisher Bay	33.03	23	LR	LR	07 52 45.2	
ILAR	Eielson Array	41.20	330	P	P	07 41 42.5	+1.6
ILAR	comp=Z,1.2nm,0.7s,ba=112,slow=7.1,SNR=18			LR	LR	08 00 06.9	
ARCES	ARCESS Array B	67.04	19	LR	LR	08 13 40.0	
KSR5	Korea Array	95.88	325	LR	LR	08 34 19.2	
KSR5	comp=Z,6.8nm,18.3s,ba=115,slow=38						

TUL 10 07:35:40.5±2.5, 35.78N±0.07, 97.48W±0.09, h7km, 7km, ML3.2, Error ellipse: s-maj=11.8km s-min=6.8km az=46.0
 NEIC 10 07:35:40.2±2.9, 35.79N±0.06, 97.47W±0.09, h11km, 7km, Error ellipse: s-maj=12.0km s-min=7.3km az=52.0,

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
ADOK	Arcadia Dam	0.16	150	Pg	Op	07 35 44.0	+0.3
OK009	Oakdale Elemen	0.21	170	Pg	Pg	07 35 44.7	+0.1
OK005	Luther M Schoo	0.25	120	Pg	Pg	07 35 45.4	-0.2
OKKFA	Oklahoma City	0.37	178	Pg	Pg	07 35 47.8	+0.2
OKCSW	OKLAHOMA CITY	0.38	176	Pg	Pg	07 35 47.5	-0.3
FNO	Franklin	0.52	174	Pg	Pg	07 35 50.0	+0.5
PEBM	Pemiscot Bayo	6.18	85	Pn	Pn	07 37 12.2	+0.9
MET	Memphis-Engin	6.18	94	Pn	Pn	07 37 08.8	-2.7
L340A	Svensden Farm,	6.23	8	Pn	Pn	07 37 11.5	-0.6
PARMO	Parma	6.30	80	Pn	Pn	07 37 12.0	-1.0
PVMO	Portageville	6.32	82	Pn	Pn	07 37 14.4	+1.1
PEBM	Pemiscot Bayo	6.38	82	Pn	Pn	07 37 15.0	+0.8
SLM	Saint Louis	6.43	62	Pn	Pn	07 37 14.5	-0.4
LNXT	Lenox	6.43	80	Pn	Pn	07 37 16.1	+0.6
HENM	Henderson Moun	6.58	80	Pn	Pn	07 37 18.5	+2.3
HALT	Halls	6.60	87	Pn	Pn	07 37 20.0	+2.8
GLAT	Glass	6.65	83	Pn	Pn	07 37 18.9	+1.0
HICK	Hickman	6.71	81	Pn	Pn	07 37 19.5	+0.9
OXF	Oxford	6.72	99	Pn	Pn	07 37 18.2	-0.1
SDCO	Great Sand Dun	6.74	289	Pn	Pn	07 37 18.2	-1.1
VBMS	Vicksburg	6.78	120	Pn	Pn	07 37 18.5	-1.2
W45A	Hickory Valley	6.79	93	Pn	Pn	07 37 19.8	0.0
Y45A	Yeager Farm, C	6.79	104	Pn	Pn	07 37 21.4	+1.6

S44A	Carbondale	6.86	71	Pn	Pn	07 37 22.6	+1.8
SIUC	Southern Illin	6.90	71	Pn	Pn	07 37 19.8	-1.4
K31A	O'Neill	6.90	352	Pn	Pn	07 37 21.0	-0.3
USIN	University of	8.15	72	Pn	Pn	07 37 36.9	-1.5
Z47A	Carrollton	8.18	106	Pn	Pn	07 37 37.6	-1.2
KVXT	Kingsville	8.22	183	Pn	Pn	07 37 40.4	+0.9
SMCO	Snowmass	8.28	297	Pn	Pn	07 37 39.2	-1.4
X48A	Hartselle	8.64	96	Pn	Pn	07 37 43.8	-1.4
M44A	Midewin, Midew	9.26	50	Pn	Pn	07 37 51.8	-1.8
WCI	Wyandotte Cave	9.26	71	S	Pn	07 37 52.1	-1.7
WCI	Wyandotte Cave	9.26	71	S	Pn	07 37 52.5	-1.3
O20A	White River Ci	9.55	300	Pn	Pn	07 37 59.6	+1.8
PV14	Lion Creek, Pa	9.59	289	Pn	Pn	07 37 59.4	+1.0
I40A	Norwalk	9.65	31	Pn	Pn	07 38 00.3	+1.3

NEIC 10 08:10:44.8±1.6, 19.31S±0.04, 71.46W±0.08, h10km, 2km, mb4.2/2, Error ellipse: s-maj=12.6km s-min=6.8km az=286.0

GUC 10 08:10:46.5±0.5, 19.30S±0.05, 71.40W, h39km, 2km, ML3.2
 ISC 10 08:10:44.0±3.2, 19.33S±0.05, 71.51W±0.08, h17km, 2km, n33, c140/44, 10C-2D, Off coast of northern Chile

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
PB12	IPOC Station P	1.33	58	Op	ISC	08 11 08.2	+0.3
PB12				Pb	ISC	08 11 08.2	+0.3
PB12				Sb	ISC	08 11 08.2	+1.1
PB12				IAML		08 11 28.7	
PB12	comp=E,663nm,0.6s			Pb		08 11 08.0	-0.6
PB12				Sb		08 11 24.6	-0.8
PSGC	Pisagua	1.34	102	Op	ISC	08 11 25.0	+0.6
PSGC				Pb	ISC	08 11 25.0	+0.6
PSGC				Sb	ISC	08 11 25.0	+0.6
PSGC				IAML		08 11 32.9	
PSGC	comp=N,508nm,0.7s			Pb		08 11 08.5	-0.2
PSGC				Sb		08 11 25.1	+0.5
TA01	Diego Aracena	1.75	135	Op	ISC	08 11 15.2	-0.7
TA01				Pb	ISC	08 11 35.0	-0.8
TA01				Sb	ISC	08 11 35.8	
PB11	comp=N,618nm,0.3s			Op	ISC	08 11 15.7	-1.0
PB11	IPOC Station P	1.80	104	Op	ISC	08 11 14.6	
PB11				Pb	ISC	08 11 15.7	-1.0
PB11				Sb	ISC	08 11 14.6	
PB11				IAML		08 11 37.1	0.0
MMNC	Minye Minye	1.82	84	Op	ISC	08 11 31.1	+1.1
MMNC				Pb	ISC	08 11 50.5	
MMNC				Sb	ISC	08 11 16.1	-1.1
PATCX	Punta Patache	1.96	140	Op	ISC	08 11 18.1	+1.5
PATCX				Pb	ISC	08 11 39.8	-1.1
PATCX				Sb	ISC	08 11 40.7	
PATCX	comp=E,314nm,0.3s			Pb		08 11 18.2	+1.5
PATCX				Sb		08 11 40.1	-0.8
PB16	IPOC Station P	2.14	63	Op	ISC	08 11 20.9	+1.3
PB16				Pb	ISC	08 11 47.2	+1.1
PB16				Sb	ISC	08 11 55.7	
PB16				IAML		08 11 20.8	+1.3
PB16	comp=N,183nm,0.7s			Pb		08 11 46.8	+0.9
GO01	Chusmiza	2.21	99	Op	ISC	08 11 30.4	+1.7
GO01				Pb	ISC	08 11 21.9	+1.4
GO01				Sb	ISC	08 11 24.1	+1.6
PB08	IPOC Station P	2.36	110	Op	ISC	08 12 02.1	
PB08				Pb	ISC	08 11 23.9	+1.5
PB08				Sb	ISC	08 11 25.9	+1.8
PB08				IAML		08 11 54.9	
PB01	comp=E,329nm,0.3s			Op	ISC	08 11 26.7	+1.8
PB01	IPOC Station P	2.55	132	Op	ISC	08 11 54.3	+0.4
PB01				Pb	ISC	08 11 56.5	
PB01				Sb	ISC	08 11 26.6	+1.8
PB01				IAML		08 11 30.4	+1.7
PB07	IPOC Station P	2.83	148	Op	ISC	08 11 30.4	+1.7
PB07				Pb	ISC	08 11 37.4	+2.9
PB07				Sb	ISC	08 11 36.0	+1.5
PB04	IPOC Station P	3.25	157	Op	ISC	08 11 43.8	+1.5
PB06	IPOC Station P	3.82	152	Op	ISC	08 11 49.2	+3.2
LVC	Limon Verde	4.07	144	Op	ISC	08 11 49.5	+1.3
PB10	IPOC Station P	4.24	168	Op	ISC	08 11 49.4	+0.3
PB15	IPOC Station P	4.30	154	Op	ISC	08 12 00.3	-1.3
LPAZ	Laz Paz	4.42	47	Op	ISC	08 12 04.3	+0.5
PB14	IPOC Station P	5.37	169	Op	ISC	08 12 15.8	

10d 9h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like K48A Perry, I47A Gladwin, K49A Clarkson, ULM Lac du Bonnet, SADO Sadowa, YKA Yellowknife Ar, ILAR Eilson Array.

NEIC 10 08:21:41.1, 0.3579N, 102.9746W, 0.05, h10km, 6km, Error ellipse: s-maj=5.9km s-min=2.4km az=112.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ADOK Arcadia Dam, OK009 Oakdale Elemen, YKA Yellowknife Ar, ILAR Eilson Array.

PRU 10 08:32:50.9, 0.0126N, 19.06E, h0km, Belchatow, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OJC Ojcow, MORC Moravsky Berou, OSTC Ostas, DPC Dobruska-Polom, CHVC Chvalec, LANS Liptovska Anna.

BU 10 08:34:20.5, 0.4639N, 22.29E, h2km, m11.97, 26E-10D, Error ellipse: s-maj=2.8km s-min=1.3km az=138.0, Romania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DRGR Dragra, SIRR Siria, CJR Cluj-Napoca, BMR Baia Mare, BZS Buzias, GZR Gura Zlata, LOT Lotru, BURAR Bucovina Array.

TAP 10 08:38:28.0, 24.92N, 121.59E, h86km, ML2.2, A, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TWA Mucha, NHDH Xindian Distri, TATO Taipei, ILA Ilan, TWE Neicheng, TIPB Shuangxi, NTC Toucheng, NWF Wu-fen Shan, WFSB Wu-fen Shan.

2014 APR

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ENTT Nioudou, YHNB Yeheng, NDT Datong Townshi, TWB1 Santiao Chiao, NNSB Datong, NNSH Datong, ESSI ESSI, ETLH Xiulin Townshi, ETLL Nanganchiao, NACB Tachien, TWT Tachien, TDCB Tech, TDCB Hehuan Shan, CHGB Renai, CHGB Hwaiien, HWA Renai, OWD Shilin, ESLL Shilin, VWDT VWDT, SSSL Saunglung.

JMA 10 08:38:38.8, 0.2, 23.97N, 123.32E, h33km, 2km, M1.5, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HATJ Hateruma jima, YOJ Yonaguni jima, YJNG Yonagunijimaku, JKRS Kuro-shima, IJJI Ishigaki jima, JISG Ishigakijimahi.

IDC 10 08:56:16.8, 1.3, 5.27S, 80.92W, h0km, mb3.4/6, mb1 3.8/10, mb1mx3.7/29, mbtmp3.6/10, ML3.5/4, MS3.3/6, Ms1 3.3/6, ms1mx2.9/19, Error ellipse: s-maj=43.4km s-min=17.5km az=44.0

ISC 10 08:56:22.0, 0.9518N, 1.803W, 0.2, h35km, n13, <2504/12, mb3.3/6, MS3.4/3, Near coast of northern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ATAH Atahualpa, NNA Nana, ROSC El Rosal, LPAZ La Paz, SDV Santo Domingo, PTGA Pitanga, PTGA Pitinga, SIV San Ignacio, MDP Montages des, TXAR Lajitas Array, PDAR Pinedale Array, NYAR Mina Array Bea, VKAR Yellowknife Ar, WRA Warramunga Arr.

ATH 10 09:20:14.0, 38.23N, 20.39E, h16km, 1km, ML2.4/4, Error ellipse: s-maj=1.9km s-min=0.9km az=240.0

THE 10 09:20:14.6, 38.24N, 20.38E, h13km, 1km, ML2.6/7, Error ellipse: s-maj=1.8km s-min=0.7km az=243.0

ISC 10 09:20:14.2, 1.1, 38.24N, 0.03, 20.38E, 0.06, h15km, 5km, n30, <037/52, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AGT1 Agia Thekli, KEF4 Livadi, Keph, KEF3 Kipouria, Keph, CHV1 Chavriata, LXR1 Lixouri, Ceph, LXR1 Lixouri, KEF1 Kardakata, ARG1 Argostoli, ARG2 Argostoli, KEF2 Argostoli, VLS Valsamata.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VLS Valsamata, VLS Lefkada island, MGNA Meganis, LK22 Lefkada island, PDO Psoudromos, RLS Riolos of Patr, PVO Paravola, DRO Drossia, EFP Efpalio, ANX Ano Chora, SERG Sergoula.

IDC 10 09:33:10.2, 1.6, 20.12S, 70.89W, h0km, mb3.7/3, mb1 4.0/5, mb1mx3.7/19, mbtmp3.9/5, ML3.9/2, MS2.0/1, Ms1 2.0/1, ms1mx2.0/29, Error ellipse: s-maj=38.1km s-min=17.5km az=69.0

GUC 10 09:33:12.3, 3.0, 20.06S, 70.88W, h34km, 3km, ML3.7, ISC 10 09:33:10.2, 2.0, 20.05S, 70.91W, 0.08, h3km, 11km, n23, <1900/28, 3C-8D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TA01 Diego Aracena, PSGC Pisagua, PATCX Punta Patache, PB11 IPOC Station P, PB12 IPOC Station P, PB08 IPOC Station P, G001 Chusmiza, PB01 IPOC Station P, AP01 Chacalluta, PB16 IPOC Station P, PB09 IPOC Station P, LVC Licon Verde, LVC Licon Verde, LPAZ La Paz, SIV San Ignacio, PLCA Paso Flores, PTGA Pitinga, YKA Yellowknife Ar, H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, H11S3 WAKE ISLAND, MKAR Makanchi Array, ARCES ARCES Array.

IDC 10 09:38:52.1, 2.9, 5.24S, 104.46E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.5/44, mbtmp3.6/6, MS3.4/3, Ms1 3.4/3, ms1mx2.8/42, Error ellipse: s-maj=54.0, Southern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, USRK Ussuriysk Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, ARU Arti, ARCES ARCES Array.

ISC 10 09:40:11.4, 0.3, 37.21N, 42.79E, h0km, ML2.3, DDA 10 09:40:13.2, 37.15N, 42.74E, h2km, 3km, ML2.9, ISC 10 09:40:11.5, 37.29N, 42.78E, h5km, ML2.3/7, ISC 10 09:40:13.8, 4.4, 37.23N, 0.04, 42.72E, 0.04, h0km, 11km, n15, <0595/28, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SIRT Sirkak, SIFT Sirkak, CUKT Cukurca.

MSL Musul 0.88 159 ePg Pg 09 40 30.0 -0.7
MSL baz=342
MSL eSg Sb 09 40 43.0 -1.3
MSL AML AML 09 40 54.7
MSL comp=N,88nm,0.5s AML MLR 09 40 56.5

SDRT Siirt_Merkez 0.99 321 i P Pg 09 40 33.0 +0.1
SDRT i P S Sn 09 40 49.1 -0.8
SDRT i P S Pb 09 40 35.4 -0.7
SDRT i P S AML 09 40 54.7

MSM Mu-Merkez 1.77 328 i P Pg 09 40 45.5 -0.4
MSM i S Sn 09 41 10.5 -0.3
MSM i P Pb 09 40 47.4 -0.8
MSM i P S AML 09 40 54.7

SDC 10 09:43:05.7,0.8,9.37N,125.80E,h0km,mb3.9/1,
mb1.4,0/12,mb1mx3.8/38,mbtmp3.9/12,ML4.1/1,MS3.2/13,
Ms1.3/2/13,ms1mx3.0/46,Error ellipse: s-maj=34.1km
s-min=15.8km az=79.0

Code Station Name Az Phase ID Op ISC Time Res
BUTP Butuan 0.32 193 eP Pb 09 43 15.2 -1.2
BUTP eS S Sn 09 43 21.5 +0.3
SCPH Surigao 0.53 338i eP Pb 09 43 18.8 -1.3

SDC 10 10:25:15.3,0.4,2.6:13S;71:93W,h10km,ML4.8,MW4.5
VAO 10 10:25:24.0,1.2,27.46S;71:95W,h3km,mb4.6
IDC 10 10:25:28.0,0.4,2.6:16S;70:80W,h0km,mb4.9/12,
mb1.4/4/14,mb1mx3.2/28,mbtmp4.3/14,ML4.3/2,MS3.8/10,
ms1.4/10,ms1mx3.6/22,Error ellipse: s-maj=22.6km
s-min=18.5km az=99.0

Code Station Name Az Phase ID Op ISC Time Res
KOP Kidapawan 2.34 195i eP Pb 09 43 47.2 +0.8
KOP eS S Sn 09 44 25.5 +6.2
MATI Mati 2.39 166 eP Pb 09 44 25.1 +0.0

SDC 10 10:25:28.0,0.4,2.6:80S;71:20W,h5km,mb5.0/1,Ms4.9/2,
Ms7.4/6/1
NEIC 10 09:29:2.2,2.6:87S;0:05;71:07W,0:08,h10km,1km,
mb4.7/20,ML4.5(GUC),Error ellipse: s-maj=11.1km
s-min=6.8km az=77.0

Code Station Name Az Phase ID Op ISC Time Res
G003 Copiap 1.01 135 eP Pb 09 25 49.8 -1.3
AC02 Maricunga 1.72 89i eP S Pb 09 26 02.5 -0.7
AC02 i S S Pb 09 26 25.1 +0.5

SDC 10 10:25:32.0,0.4,2.6:95S;71:09W,h34km,3km,ML4.5
IDC 10 10:25:32.0,0.4,2.6:88S;0:03;71:05W,0:05,h25km,n136,
c205/130,mb1.5/20,MS3.8/5,4C-2D,Off coast of
northern Chile

Code Station Name Az Phase ID Op ISC Time Res
PTGC Puerto Gaitan, 0.85 293 i P Pg 09 13 35.8 -0.5
PTGC eSg S Sn 09 13 47.4 -0.4
GUVG San Jose del G 1.83 224i eP S Pb 09 13 52.1 +0.4

SDC 10 10:25:32.0,0.4,2.6:95S;71:09W,h34km,3km,ML4.5
IDC 10 10:25:32.0,0.4,2.6:88S;0:03;71:05W,0:05,h25km,n136,
c205/130,mb1.5/20,MS3.8/5,4C-2D,Off coast of
northern Chile

Code Station Name Az Phase ID Op ISC Time Res
NORC Norcasia 3.90 296i eP S Pb 09 14 21.7 +1.6
NORC eS S Sn 09 15 06.0 0.0
PTBC PUERTO BERRIO, 4.08 311 eP S Pb 09 14 23.2 +0.5

Code Station Name Az Phase ID Op ISC Time Res
PRAC Pamplona,Colo 3.71 339 eP Pb 09 14 28.2 +2.2
PRAC eP S Sn 09 14 21.3 +1.2
ORTC Ortega, Tolima 3.89 271 eP S Sn 09 15 06.3 +0.4

Code Station Name Az Phase ID Op ISC Time Res
SDV comp=Z,12nm,0.3s,baz=331,slow=20,SNR=7.0 10 15 52.3
SDV comp=Z,18nm,0.3s,baz=242,slow=20,SNR=5.9 10 15 52.3

Code Station Name Az Phase ID Op ISC Time Res
HONC Cinco Dias 5.27 253 eP Pb 09 14 51.5 -1.2
PRAC Saladito 5.28 361 eP Pb 09 14 39.8 +0.4
SMC San Martin de 5.61 311 eP Pb 09 15 03.5 +0.1

Code Station Name Az Phase ID Op ISC Time Res
G004 Copiap 1.01 135 eP Pb 09 25 49.8 -1.3
AC02 Maricunga 1.72 89i eP S Pb 09 26 02.5 -0.7
AC02 i S S Pb 09 26 25.1 +0.5

Code Station Name Az Phase ID Op ISC Time Res
LCO Las Campanas 2.14 172 i S Pb 09 26 37.8 +1.1
G002 Mina Guanaco 2.16 38 i P S Pb 09 26 07.9 -2.7
G002 i S S Pb 09 26 37.9 +0.8

Code Station Name Az Phase ID Op ISC Time Res
LVC Limon Verde 4.68 25 Pn Pb 09 26 41.3 -0.2
LVC comp=Z,9.1nm,0.3s,baz=187,slow=8.3,SNR=17 10 27 50.2
LVC comp=Z,46nm,0.3s,baz=298,slow=19,SNR=6.7 10 28 45.9

CYA comp=Z,332nm,0.8s IAML 10 27 53.6
RTLL Cerro Villacuz 4.97 154 eS S Pb 10 27 35.9 -6.0
RTLL Cerro Villacuz 4.97 154 i P Pb 10 26 48.7 +2.6

Code Station Name Az Phase ID Op ISC Time Res
RTLS Leoncito 5.13 163 i P S Pb 10 26 50.1 +2.5
RTLS i S S Pb 10 28 02.2 -0.5
RTLS IAML 10 28 22.1

Code Station Name Az Phase ID Op ISC Time Res
CPUP Villa Florida 12.29 91 Pn Pb 10 28 26.0 +0.4
CPUP comp=Z,0.1nm,0.3s,baz=256,slow=12,SNR=3.8 10 33 33.0
PLCA Paso Flores 13.82 178 Pn Pb 10 28 54.6 0.0

Code Station Name Az Phase ID Op ISC Time Res
PLCA Paso Flores 13.82 178 Pn Pb 10 28 54.6 0.0
PLCA comp=Z,765nm,19.7s,baz=348,slow=38 10 34 17.8
PLCA IAML 10 34 17.8

Code Station Name Az Phase ID Op ISC Time Res
BDFB Brasilia 24.16 67 Pn Pb 10 30 45.5 -1.1
BDFB Iamb 10 30 47.1
BDFB comp=Z,9.3nm,0.8s 10 30 51.1 -0.3

Code Station Name Az Phase ID Op ISC Time Res
PTGA Pitanga 20.18 24 Pn Pb 10 31 21.0 -1.0
PTGA comp=Z,14nm,0.8s,baz=202,slow=9.3,SNR=16 10 43 07.1
PRAC Prado 30.64 352 eP Pb 10 31 47.1 +2.6

Code Station Name Az Phase ID Op ISC Time Res
GSPA Santa Helena 33.16 352 eP Pb 10 32 05.4 +1.4
DBBC Dabeiba 34.07 351 eP Pb 10 32 16.0 +1.4
ZARC Zaragoza, Cauc 34.37 351 eP Pb 10 32 14.6 -2.6

Code Station Name Az Phase ID Op ISC Time Res
VNA3 Neumayer Olymp 55.67 160 P Pb 10 35 06.6 +0.8
VNA2 Neumayer-Watz 56.29 159 P Pb 10 35 11.0 +0.8
SNA4 Sanae 57.89 160 P Pb 10 35 22.1 +0.6

Code Station Name Az Phase ID Op ISC Time Res
GSPA Santa Helena 33.16 352 eP Pb 10 32 05.4 +1.4
DBBC Dabeiba 34.07 351 eP Pb 10 32 16.0 +1.4
ZARC Zaragoza, Cauc 34.37 351 eP Pb 10 32 14.6 -2.6

Code Station Name Az Phase ID Op ISC Time Res
YKA Yellowknife Arr 95.61 341 P Pb 10 38 55.1 +0.4
ASAR Alice Springs 124.26 208 PKP PKIP 10 44 29.2 -0.4
KBZ Khabaz 124.93 54 PKP PKIP 10 44 29.8 -0.4

10d 11h

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

TIR 10:29:25.9, 40:97N:20:50E, h6km, Md2.5/6
SKO 10:29:26.2, 40:94N:20:50E, h20km
ISC 10:29:25.8, 40:96N:20:03:20.48E:0.03, h4km, 13km, n16, c080/23, 1C, Greece-Albania border region

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

NEIC 10:51:25.7, 1.6, 4.47N:0:09:123.4E:0:1, h551km, 7km, mb4.4/34, Error ellipse: s-maj=17.9km s-min=12.3km az=83.0

KLM 10:51:25.0, 4:48N:123:52E, h546km, mb4.7
IDC 10:51:25.6, 0.7, 4.46N:123:39E, h548km, 8km, mb3.5/24, mb1 3.6/26, mb1mx3.4/56, mbtmp4.5/26, Error ellipse: s-maj=14.9km s-min=10.7km az=77.0

DJA 10:51:25.8, 0.3, 4.3N:3:12E, h531km, 4km, M4.5/18, mb4.5/18, mb5.0/9, MLV4.9/12, MW(mB)4.2/9, Mwp6.3/1
ISC 10:51:25.7, 0.4, 4.50N:0:02:123.40E:0.08, h550km, n109, c1824/117, mb4.2/37, 1C-20, Celebes Sea

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, JNU, AS31, etc.

NAM 10:52:58.4, 0.3, 24.82S:29:06E, h10km, 3km, MD3.5
ISC 10:52:55.1, 2.1, 24.82S:0:08:29.1E:0:02, h10km, n9, c197/175, South Africa

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

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

Table with columns: TWA, Mucha, 1.21 324 eP, Pg, 11 08 52.0 +1.0, PCYT, baz=331, S, Sb, 11 09 17.3 -0.7, JGGS, Gusukube, 2.86 74 P, P, Pb, 11 09 16.2 -2.2

Table with columns: JJJ, Ishigaki jima, 1.65 77 P, P, Pb, 11 08 58.4 +0.7, WCHH, Zhanghua, 1.66 273 eP, S, Sg, 11 09 19.9 -1.0

Table with columns: JOW, Kunigami, 6.03 61 P, Pn, Pn, 11 09 55.9 -0.4, JNU, Nakatsu, 11.76 38 LR, LR, 11 16 37.3, KRSR, Korea Array, 14.22 18 Pn, Pn, 11 11 50.1 +1.7

Table with columns: BUC 10 11:40:44.0, 3.45, 94N, 22.79E, h3km, m1, 2/3, 12C-8D, Error ellipse: s-maj=3.6km s-min=1.8km az=73.0, Romania, Code, Station Name, A° AZ', Phase ID, Time Res

Table with columns: BUC 10 11:41:08.8, 0.2, 45, 91N, 22.71E, h6km, 2km, m1, 4/4, 26C, Error ellipse: s-maj=1.7km s-min=1.3km az=26.0, Romania, Code, Station Name, A° AZ', Phase ID, Time Res

Table with columns: IDC 10 11:40:27.4, 13.0, 28, 71N, 140, 05E, h0km, mb, 3.9/4, mb1 4.0/4, mb1mx3.5/38, mbtmp3.9/4, Error ellipse: s-maj=345.5km s-min=94.5km az=0.0, JMA 10 11:41:29.0, 4.0, 31, 59N, 128.68E, h373km, 5km, M3.0, ISC 10 11:41:25.5, 1.1, 31, 31N, 103, 135E, 0.109, h350km, n15, c=258/18, Southeast of Honshu, Code, Station Name, A° AZ', Phase ID, Time Res

Table with columns: NEIC 10 11:42:42.0, 2.0, 20, 75S, 0, 1, 178, 8W, 0, 1, h599km, 8km, mb4.5/27, Error ellipse: s-maj=21.0km s-min=15.2km az=139.0, IDC 10 11:42:42.6, 1.6, 20, 64S, 178, 92W, h596km, 18km, mb3.2/10, mb1 3.5/12, mb1mx3.3/45, mbtmp4.2/12, Error ellipse: s-maj=28.9km s-min=11.8km az=148.0, ISC 10 11:42:42.1, 0.5, 20, 75S, 0, 1, 178, 81W, 0, 0, h600km, n52, c=1941/54, mb4.4/24, Fiji Islands region, Code, Station Name, A° AZ', Phase ID, Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Singaraja, Denpasar, Jajag, Banyuwa, etc.

NAM 10 12:02:31.1-0.9,24.08S;28.43E,h76km,22km,M3.5

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

IDC 10 12:21:32.7,0.5,44.55N;114.39W,h0km,mb2.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like McKenzie Canyon, Dillon, Camas Ranch, etc.

ISC 10 12:21:34.1,2.1,44.65N;104.114,32W,0.04,h6km,14km

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like McKenzie Canyon, Dillon, Camas Ranch, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chiloquin, Umpqua Nationa, Butcher Ranch, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Williamsport, Signal Mountai, Lakeview Rete, etc.

THE 10 12:29:17.8,38.48N;20.54E,h5km,ML2.6/2,Error ellipse

ATH 10 12:29:17.9,38.48N;20.56E,h5km,1km,ML2.6/6,Error

ISC 10 12:29:16.7,0.9,38.48N;0.02-20.51E:0.03,h11km,4km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fiskardo, Valsamata, Lefkada island, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like IPOC Station P, Cerro Villucun, Choya, Leontico, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Lobatse, Boshof, Matopos, etc.

NEIC 10 13:44:06.714.5.73N:0:07:127.1E:0:2,h131km,6km, mb4.1/1, Error ellipse: s-maj=22.3km s-min=9.8km az=77.0

IDC 10 13:44:07.2:2.7:5:71N:127:07E,h133km,25km,mb3.5/8, mb1 3.7/9, mb1mx3.3/39, mbtmp4.0/9, Error ellipse: s-maj=37.4km s-min=14.0km az=79.9

ISC 10 13:44:06:0.06:127:17E:0:08,h115km,9km, n34, c1543/42, mb4.0/11, 1C-3D, Philippine Islands region

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

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

IDC 10 13:56:59.4:4.16.69S:178:29W,h0km,mb4.2/4, mb1 4.5/4, mb1mx3.8/27, mbtmp4.2/4, Error ellipse: s-maj=186.1km s-min=35.0km az=138.0, Fiji Islands region

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

DDA 10 14:03:34.8,38.77N-27.58E,h7km,3km,ML1.6,Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ZEDA, BALIKESIR, MANT, etc.

BEO 10 14:03:47.6:0.9.39:19N:18:65E,h11km,4km,ML3.5/10 PDG 10 14:03:47:0.4.39:35N:18:87E,h2km,11km,ML3.4/11, Error ellipse: s-maj=4.7km s-min=3.9km az=90.0

THE 10 14:03:50.0,39:31N:18:81E,h8km,1km,ML3.2/4, Error ellipse: s-maj=2.6km s-min=0.7km az=353.0

TIR 10 14:03:51.6,39:36N:18:98E,h24km,Md4.0/5 IDC 10 14:03:52:4.9.39:60N:19:60E,h0km,mb3.6/5, mb1 3.7/6, mb1mx3.3/50, mbtmp3.7/6, ML3.6/1, MS2.8/6, Ms1 2.8/6, ms1mx2.5/51, Error ellipse: s-maj=109.6km s-min=28.9km az=61.0

ISC 10 14:03:49.6:1.2,39:30N:18:89E:0:03,h15km,8km, n99,c173/133,mb3.7/5,1C-12D, Southern Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KEK, SCTE, SRN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BUM, PDG, HCY, etc.

IDC 10 14:20:25.3:10.0,8:30S:123:58E,h124km,118km, mb3.0/1, mb1 3.3/4, mb1mx3.1/39, mbtmp3.6/4, ML3.6/3, Error ellipse: s-maj=107.6km s-min=52.1km az=67.0, Flores region

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

IDC 10 14:45:34.7:9.6,2:51N:128:75E,h129km,102km,mb3.2/5, mb1 3.4/6, mb1mx3.0/57, mbtmp3.7/6, ML4.1/1, Error ellipse: s-maj=60.3km s-min=21.4km az=84.0, Halmaheira

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

KRNET 10 14:46:18.3:0.1,40:32N:77:64E,mb4.2

10d 14h

SOME 10 14:46:18.2, 40:33N-77:37E, h10km, MS3.1
BUJ 10 14:46:19.5, 0, 40:34N-77:46E, h9km, mB3.8/2, mb3.7/4,
ML3.9/10
IDC 10 14:46:20.6, 3, 2, 40:39N-77:42E, h0km, mb3.0/1,
mb1 3.5/6, mb1mx3.2/57, mbmp3.5/6, ML3.0/5, MS2.4/4,
Ms1 2.4/4, ms1mx2.3/28, Error ellipse: s-maj=34.8km
s-min=17.4km az=9.0
NNC 10 14:46:21.1, 0.8, 40:42N-77:45E, h0km, mb4.5, mpv4.2,
Error ellipse: s-maj=6.0km s-min=4.2km az=164.0
ISC 10 14:46:23.8, 1.4, 40:55N-10:04, 77:49E, h5km, 10km,
n89, r144/131, 42C-12Z, Kyrgyzstan-Xinjiang border
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like KASHI, KAJISAY, ULHAL, etc.

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Main table with columns: AAK, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BISHKEK, PODGOMORYE, CHUMYSH, etc.

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Table with columns: BVAR, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BOROVYOE ARRAY, ZALVOV BEAM, etc.

Table with columns: IDC 10 14:49:38.6, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MONT DZUMAC, STEPHENS CREEK, etc.

NIED 10 14:52:00, 36:70N-141:10E, h5km, Mw3.5 Best double
couple: M2.34000x1014 N1.1x144.00000, d70.00000,
lambda-158.00000. NP2.4x46.00000, 0.69.00000,
lambda-21.00000

IDC 10 14:52:11.2, 1.8, 36:70N-141:29E, h0km, mb3.5/3,
mb1 3.6/5, mb1mx3.3/42, mbmp3.5/5, ML3.2/2, MS2.3/3,
Ms1 2.3/3, ms1mx2.1/39, Error ellipse: s-maj=33.8km
s-min=26.5km az=79.0

JMA 10 14:52:24.5, 0.1, 36:65N-141:09E, h25km, 1km, M3.8
JMA Felt J1
ISC 10 14:52:22.6, 1.9, 36:67N-10:05, 141:21E, 0:08, h9km, 11km,
n22, o563/23, mb3.4/3, Near east coast of eastern
Honshu

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

ISK 10 14:57:18.4, 40:28N-25:76E, h8km, ML2.8/18
ATH 10 14:57:18.0, 40:30N-25:75E, h28km, 1km, ML2.5/9, Error
ellipse: s-maj=1.8km s-min=0.9km az=322.0
DDA 10 14:57:19.4, 40:24N-25:80E, h7km, 2km, ML2.7
THE 10 14:57:19.1, 40:30N-25:76E, h9km, 2km, ML2.5/8, Error
ellipse: s-maj=2.1km s-min=0.6km az=315.0
SOF 10 14:57:22.0, 40:41N-25:39E, h14km, MD2.9
ISC 10 14:57:19.1, 0.9, 40:29N-102:25.74E, 0:02, h12km, 8km,
n59, o506/87, Aegean Sea

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

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
WRA	Warramunga Arr	21.42	228	P	16 11 19.6	+0.9
WRA	Warramunga Arr	21.42	228	P	16 21 09.9	
WRA	Warramunga Arr	21.42	228	P	16 11 18.2	-0.4
DZM	Mont Dzumac	21.89	139	LR	16 19 10.9	
DZM	Mont Dzumac	21.89	139	P	16 11 22.9	-0.9
KNRA	Kununurra	23.93	244	Iamb	16 11 45.1	+0.7
KNRA	Kununurra	23.93	244	Iamb	16 12 17.4	
AS31	Alice Springs	24.17	221	P	16 11 47.6	+1.0
ASAR	Alice Springs	24.17	221	P	16 11 48.0	+1.3
ASAR	Alice Springs	24.17	221	LR	16 21 07.1	
ASAR	Alice Springs	24.17	221	P	16 11 47.5	+0.8
ARMA	Armidale	24.38	179	Iamb	16 11 49.5	+0.9
ARMA	Armidale	24.38	179	Iamb	16 12 10.8	
STKA	Stevens Creek	27.31	198	P	16 12 18.1	+3.2
STKA	Stevens Creek	27.31	198	LR	16 22 15.5	
STKA	Stevens Creek	27.31	198	P	16 12 14.7	-0.2
FITZ	Fitzroy Crossi	27.61	242	P	16 12 18.4	+0.6
FITZ	Fitzroy Crossi	27.61	242	LR	16 24 12.8	
FITZ	Fitzroy Crossi	27.61	242	P	16 12 18.2	+0.5
FORT	Forrest	32.84	218	Iamb	16 13 03.0	0.0
FORT	Forrest	32.84	218	Iamb	16 13 33.1	
PSAD1	Pilbara Seismi	33.95	240	P	16 13 13.6	-0.1
URZ	Urewera	39.94	147	P	16 14 04.3	-0.1
URZ	Urewera	39.94	147	Iamb	16 14 16.7	
MORW	Morawa	40.30	231	P	16 14 08.2	+0.7
MORW	Morawa	40.30	231	Iamb	16 14 27.1	
TPUB	Ta-pu	41.56	315	P	16 14 18.5	+0.6
WKZ	Wanaka	41.81	161	P	16 14 19.0	-0.7
YHNB	Yeheng	41.95	318	P	16 14 21.8	+0.6
CISI	Ciscompet, Garu	42.97	265	P	16 14 28.7	+0.9
LEM	Lembang	43.18	266	LR	16 35 10.7	
JNU	Nakatsue	43.30	335	P	16 14 29.9	-2.0
JNU	Nakatsue	43.30	335	Iamb	16 14 51.1	
KSR5	Korea Array	48.24	335	P	16 15 11.5	+0.7
KLR	Kul dur	57.45	345	LR	16 40 13.1	
HMH	Humu'ula Sheep	58.38	63	P	16 16 26.1	0.0
PPTF	Pamatai, Papee	59.06	107	P	16 16 29.5	-1.1
PEA0B	Petropavlovsk	59.07	5	P	16 16 28.2	-1.6
PETK	Petropavlovsk	59.07	5	P	16 16 28.6	-1.3
PETK	Petropavlovsk	59.07	5	Iamb	16 37 21.8	
PETK	Petropavlovsk	59.07	5	P	16 16 28.4	-1.4
PBA	Port Blair	60.58	287	P	16 16 40.2	-0.7
MA2	Magadan	62.52	360	LR	16 41 49.4	
SONM	Songino Array	66.36	329	P	16 17 18.7	0.0
SONM	Songino Array	66.36	329	LR	16 45 24.7	
SONM	Songino Array	66.36	329	P	16 17 18.0	-0.7
BILL	Bilibino	74.56	6	P	16 18 08.2	0.0
OHAk	Old Harbor	77.33	27	P	16 18 23.6	-0.5
ANM	Norne	77.35	18	P	16 18 24.2	0.0
CNPM	China Poot	79.46	26	P	16 18 35.8	-0.1
CNPM	China Poot	79.46	26	Iamb	16 18 38.4	
PAF	Port-aux-Franc	79.58	221	P	16 18 34.6	-2.1
BRLK	Bradley Lake	79.74	26	P	16 18 37.1	-0.4
MKAR	Makanchi Array	80.03	319	P	16 18 38.9	-0.4
MKAR	Makanchi Array	80.03	319	P	16 18 38.6	-0.7
RDOG	Red Dog Mine	80.52	16	P	16 18 41.7	+0.3
RDOG	Red Dog Mine	80.52	16	Iamb	16 18 42.0	
RC01	Rabbit Creek A	80.91	25	P	16 18 42.9	-0.8
RC01	Rabbit Creek A	80.91	25	Iamb	16 18 56.0	
KTH	Kantishna Hill	81.70	23	P	16 18 46.4	-1.5
KTH	Kantishna Hill	81.70	23	Iamb	16 18 47.5	
SML	Sawmill	81.85	25	P	16 18 47.3	-1.4
SML	Sawmill	81.85	25	Iamb	16 19 20.8	
TRF	Thorofare Mou	81.89	23	P	16 18 47.3	-1.7
TRF	Thorofare Mou	81.89	23	Iamb	16 19 03.9	
IMAR	Indian Mountai	82.01	20	P	16 18 48.7	-0.7
RND	Reindeer	82.42	23	P	16 18 50.8	-0.9
RND	Reindeer	82.42	23	Iamb	16 19 21.8	
MCK	McKinley	82.55	23	P	16 18 51.6	-0.7
MCK	McKinley	82.55	23	Iamb	16 18 54.4	
DHY	Denali Highway	82.85	24	P	16 18 54.0	-0.1
NIL	Nilore	83.18	305	P	16 18 55.0	-1.3
NIL	Nilore	83.18	305	Iamb	16 18 56.5	
CCB	Clear Creek Bu	83.43	22	P	16 18 55.1	-1.7
GLB	Gilghina Butte	83.43	26	P	16 18 58.5	+0.6
GLB	Gilghina Butte	83.43	26	Iamb	16 18 58.6	
VRDI	Verde Repeater	83.68	26	P	16 18 58.7	+0.3
VRDI	Verde Repeater	83.68	26	Iamb	16 19 36.8	
IL31	Ilorin	83.84	22	P	16 18 56.6	-2.2
ILAR	Eielson Array	83.84	22	P	16 18 57.0	-1.9
ILAR	Eielson Array	83.84	22	P	16 18 56.5	-2.4
ILAR	Eielson Array	83.84	22	P	16 18 58.1	-1.3
MCARA	McCarthy VSAT	83.85	26	Iamb	16 19 07.2	
QSPA	South Pole Qui	84.05	180	P	16 19 00.9	+0.7
QSPA	South Pole Qui	84.05	180	Iamb	16 19 17.3	
RIDG	Independent Ri	84.16	24	P	16 19 00.9	+0.3
RIDG	Independent Ri	84.16	24	Iamb	16 19 03.5	
AAK	Ala-Archa	84.18	314	P	16 19 02.8	+1.5
BARN	Barnard Glacie	84.41	27	P	16 19 02.2	+0.1
BARN	Barnard Glacie	84.41	27	Iamb	16 19 36.4	
CTGM	Chitina Glacie	84.52	27	P	16 19 02.5	-0.1
SCRK	Sand Creek	84.61	24	P	16 19 07.4	-1.4
TOLK	Toolik Lake Re	84.81	18	P	16 19 03.8	-0.1
TOLK	Toolik Lake Re	84.81	18	Iamb	16 19 07.2	
BCAR	Beaver Creek A	85.14	25	P	16 19 05.9	+0.3
EMAR	Burnt Mountain	85.89	20	P	16 19 07.4	-1.8
HYT	Haines Junctio	86.22	37	LR	16 19 10.1	-1.0
BBB	Bella Bella	88.23	37	LR	16 50 27.7	
INK	Inuvik	90.11	21	LR	16 55 16.7	
HUMO	Hull Mountain	91.01	47	P	16 19 35.6	+1.5
HUMO	Hull Mountain	91.01	47	Iamb	16 19 36.7	
BEKR	Beckworth	92.66	50	P	16 19 43.0	+1.0
BEKR	Beckworth	92.66	50	Iamb	16 19 43.2	
WAKR	Walker	93.25	52	P	16 19 44.9	+0.1
NVAR	Mina Array Bea	94.13	52	P	16 19 50.0	+1.1
NVAR	Mina Array Bea	94.13	52	Iamb	16 54 36.9	
NVAR	Mina Array Bea	94.13	52	P	16 19 49.5	+0.7
NV11	Mina Array Sit	94.25	52	P	16 19 49.4	+0.1
NV11	Mina Array Sit	94.25	52	Iamb	16 19 51.3	
KVN	Kaisererville	94.33	51	P	16 19 50.2	+0.4
KVN	Kaisererville	94.33	51	Iamb	16 20 12.5	
YKA	Yellowknife Ar	97.21	28	P	16 20 01.9	-0.1
PDAR	Pinedale Array	100.87	48	P	16 20 19.1	-0.1
GERES	GERES Array B	124.07	327	PKPKP	16 25 28.8	+0.3

comp=Z,0.7nm,0.5s,baz=96,slow=1.3,SNR=5.6

TAP 10 16:14:07.9,23.62N:121.57E,h32km,ML1.7,D,Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
EGFH	Guangfu	0.14	291	Op	16 14 14.0	+0.2
EGFH	Guangfu	0.14	291	ISC	16 14 14.0	+0.2
EGFH	Guangfu	0.14	291	ISC	16 14 17.4	+0.1
HGSD	Ruisui	0.18	225	P	16 14 14.1	-0.2
HGSD	Ruisui	0.18	225	S	16 14 18.4	-0.1
ESL	Shilin	0.23	328	P	16 14 14.6	-0.2
ESL	Shilin	0.23	328	S	16 14 19.2	-0.2
EHY	Hungye	0.25	243	eP	16 14 15.0	0.0
EHY	Hungye	0.25	243	eS	16 14 18.5	-1.3
ENLB	Shoufeng	0.28	7	eP	16 14 15.2	-0.2
ENLB	Shoufeng	0.28	7	eS	16 14 20.1	-0.4
HWA	Hwaiien	0.36	6	eP	16 14 16.2	-0.2
HWA	Hwaiien	0.36	6	eS	16 14 22.1	0.0
VDWT	VDWT	0.41	289	P	16 14 17.0	-0.1
VDWT	VDWT	0.41	289	S	16 14 23.2	-0.2
TWD	Chiawan	0.46	3	eP	16 14 18.4	+0.2
TWD	Chiawan	0.46	3	eS	16 14 24.6	-0.1
OWD	Renzai	0.49	313	eP	16 14 18.1	-0.3
OWD	Renzai	0.49	313	eS	16 14 25.1	-0.5
FULB	Fuli	0.49	211	eP	16 14 18.6	0.0
FULB	Fuli	0.49	211	eS	16 14 25.1	-0.3
CHKT	Chengchung	0.55	200	eS	16 14 25.9	-1.2
NACB	Ninganchiao	0.55	3	eP	16 14 18.2	-1.0
NACB	Ninganchiao	0.55	3	eS	16 14 26.1	-1.0
NACB	Ninganchiao	0.55	3	P	16 14 18.6	-0.6
CHGB	Renai	0.57	321	P	16 14 19.7	+0.1
CHGB	Renai	0.57	321	eS	16 14 27.4	-0.4
SSLB	Suanglung	0.58	287	eP	16 14 20.0	0.0
SSLB	Suanglung	0.58	287	eS	16 14 27.7	-0.4
SSLB	Suanglung	0.58	287	P	16 14 20.1	+0.1
SSLB	Suanglung	0.58	287	Iamb	16 14 31.7	
ETHL	Xiulin Townshi	0.59	352	P	16 14 19.4	-0.5
ETHL	Xiulin Townshi	0.59	352	eS	16 14 28.4	+0.2
WHF	Hehuan Shan	0.59	332	eP	16 14 20.9	+0.5
WHF	Hehuan Shan	0.59	332	eS	16 14 29.0	-0.2
WHYF	Yaxi Township	0.66	277	eS	16 14 30.0	0.0
ELDTW	Lidau	0.66	230	eP	16 14 20.6	-0.6
ELDTW	Lidau	0.66	230	eS	16 14 27.5	-2.7
SMLT	Sun Moon Lake	0.66	293	eP	16 14 21.1	0.0
SMLT	Sun Moon Lake	0.66	293	eS	16 14 29.8	-0.5
ALS	Alishan	0.71	261	eP	16 14 21.2	-0.7
ALS	Alishan	0.71	261	eS	16 14 31.3	-0.3
TYC	Yuchr	0.71	294	eP	16 14 21.4	-0.3
TYC	Yuchr	0.71	294	eS	16 14 31.2	-0.2
DPDB	Daxueing	0.71	305	eP	16 14 22.1	+0.1
CHNS	Tsauling	0.81	268	eP	16 14 20.7	-2.5
CHNS	Tsauling	0.81	268	eS	16 14 34.0	-0.2
NNSB	Datong	0.82	348	eP	16 14 21.2	-2.1
NNSB	Datong	0.82	348	eS	16 14	

705

S55A	Lewisburg	58.16 351	P	P	17 59 04.8 +0.3
LP1G	La Paz	58.22 317	LR	LR	18 18 39.4
TXAR	Lajitas Array	58.31 326	P	P	17 59 05.6 -0.2
TXAR	Lajitas Array	58.31 326	LR	LR	18 23 07.9
TXAR	Lajitas Array	58.31 326	P	P	17 59 04.6 -1.1
TXAR	Lajitas Array	58.31 326	P	P	17 59 04.6 -1.1
S54A	Dingess, Beckl	58.31 350	P	P	17 59 06.6 +1.1
MIAR	Mount Ida	58.35 338	P	P	17 59 05.5 -0.3
MIAR	Mount Ida	58.35 338	P	P	17 59 05.6 -0.3
MIAR	Mount Ida	58.35 338	P	P	17 59 05.5 -0.3
MIAR	Mount Ida	58.35 338	P	P	17 59 08.1
R58A	Rapidan	58.37 354	P	P	17 59 07.1 +1.3
R57A	Stanardsville	58.42 353	P	P	17 59 06.9 +0.7
S51A	Beattyville	58.55 348	P	P	17 59 06.3 -0.8
R55A	Marlington	58.61 352	P	P	17 59 08.2 +0.6
Q58A	Fox Den Farm,	58.97 354	P	P	17 59 10.4 +0.4
W39A	Magazine	59.01 338	P	P	17 59 10.9 +0.5
W39A	Magazine	59.01 338	P	P	17 59 10.3 0.0
W39A	Magazine	59.01 338	P	P	17 59 10.7
X37A	Clayton	59.04 337	P	P	17 59 10.7 +0.1
X37A	Clayton	59.04 337	P	P	17 59 17.4
Q57A	Strasburg	59.14 353	P	P	17 59 11.7 +0.5
Q56A	Snyder Ridge,	59.23 353	P	P	17 59 12.4 +0.3
Q56A	Snyder Ridge,	59.23 353	P	P	17 59 12.3 +0.4
Q56A	Snyder Ridge,	59.23 353	P	P	17 59 14.3
Q55A	Buckhannon	59.30 352	P	P	17 59 13.1 +0.7
Q53A	Leroy	59.38 350	P	P	17 59 13.5 +0.6
Q54A	Coxs Mills	59.40 351	P	P	17 59 12.8 -0.2
P58A	Pank, Wackersv	59.48 354	P	P	17 59 14.5 +1.0
P59A	Jarrettsville	59.52 355	P	P	17 59 14.9 +1.1
P57A	Homestead Farm	59.54 354	P	P	17 59 15.2 +1.2
P57A	Homestead Farm	59.54 354	P	P	17 59 14.7 +0.7
P57A	Homestead Farm	59.54 354	P	P	17 59 17.1
P56A	Dayton Farm, R	59.65 353	P	P	17 59 15.7 +1.0
U40A	Yellville	59.75 340	P	P	17 59 16.2 +0.7
U40A	Yellville	59.75 340	P	P	17 59 15.3 -0.2
U40A	Yellville	59.75 340	P	P	18 01 03.4
P55A	Reedsville	59.77 352	P	P	17 59 16.4 +0.8
T42A	Van Buren	59.82 341	P	P	17 59 14.4 -1.5
T42A	Van Buren	59.82 341	P	P	17 59 29.1
Q51A	Peebles	59.85 349	P	P	17 59 14.6 -1.5
MCWV	Mont Chateau	59.92 352	P	P	17 59 17.8 +1.2
P54A	Burton	59.95 352	P	P	17 59 17.5 +0.7
P53A	Whipple	59.97 351	P	P	17 59 17.8 +0.8
O58A	Lewisberry	60.07 355	P	P	17 59 18.3 +0.8
O60A	Telford	60.15 356	P	P	17 59 19.0 +0.9
O59A	Robeson	60.20 355	P	P	17 59 19.0 +0.5
O57A	Amberson	60.22 354	P	P	17 59 19.2 +0.6
U38A	Gravette	60.34 338	P	P	17 59 18.6 -1.0
TUL1	Leonard	60.37 337	P	P	17 59 20.4 +0.7
O56A	Blue Knob Stat	60.37 353	P	P	17 59 20.6 +0.8
O56A	Blue Knob Stat	60.37 353	P	P	17 59 19.7 0.0
O56A	Blue Knob Stat	60.37 353	P	P	17 59 22.6
O55A	Ligonier	60.40 353	P	P	17 59 20.7 +0.8
SSPA	Standing Stone	60.67 354	P	P	17 59 23.0 +1.3
SSPA	Standing Stone	60.67 354	P	P	17 59 21.8 +0.2
N60A	Cedar Hill Far	60.68 356	P	P	17 59 22.4 +0.7
N57A	Milroy	60.75 354	P	P	17 59 23.0 +0.8
PAL	Palisades	60.76 357	P	P	17 59 22.8 +0.6
N58A	Sunbury	60.76 355	P	P	17 59 23.2 +0.9
N59A	State Game Lan	60.77 356	P	P	17 59 23.2 +0.9
N55A	Marion Center	60.93 353	P	P	17 59 24.1 +0.6
N56A	West Decatur	60.99 354	P	P	17 59 24.8 +1.0
MNXX	Cornudas Mount	61.08 327	P	P	17 59 24.7 0.0
MNXX	Cornudas Mount	61.08 327	P	P	17 59 23.0 -1.7
M63A	Gales Ferry	61.10 359	P	P	17 59 25.4 +0.8
M60A	Port Jervis	61.11 357	P	P	17 59 25.1 +0.4
S39A	Bolivar	61.12 340	P	P	17 59 23.5 -1.3
S39A	Bolivar	61.12 340	P	P	17 59 26.7
M62A	Hamden	61.16 358	P	P	17 59 25.9 +0.9
N53A	Libson	61.19 351	P	P	17 59 26.1 +0.9
N54A	Moraine State	61.23 352	P	P	17 59 24.9 -0.3
N54A	Moraine State	61.23 352	P	P	17 59 26.3 +0.9
N54A	Moraine State	61.23 352	P	P	17 59 23.3 -2.2
M58A	Price's Panora	61.27 355	P	P	17 59 26.5 +0.7
M57A	Sunshine Farm,	61.29 355	P	P	17 59 26.7 +0.8
M57A	Sunshine Farm,	61.29 355	P	P	17 59 26.9 +1.0
R40A	Maddies Statio	61.34 341	P	P	17 59 26.6 +0.4
R40A	Maddies Statio	61.34 341	P	P	17 59 48.5
M59A	Waymar	61.37 356	P	P	17 59 27.2 +0.7
T35A	Sooner Cattle	61.53 337	P	P	17 59 28.4 +0.7
M56A	Emporium	61.54 354	P	P	17 59 27.9 +0.3
M56A	Emporium	61.54 354	P	P	17 59 26.8 -0.8
M56A	Emporium	61.54 354	P	P	17 59 28.2 +0.6
M55A	Ridgway	61.58 353	P	P	17 59 28.3 +0.4
M55A	Ridgway	61.58 353	P	P	17 59 28.4 +0.5
BRVW	Bryant College	61.61 360	P	P	17 59 28.2 +0.2
L64A	Middleborough	61.62 0	P	P	17 59 28.3 +0.3
MSTX	Muleshoe	61.63 330	P	P	17 59 28.6 +0.1
MSTX	Muleshoe	61.63 330	P	P	17 59 28.6 +0.1
MSTX	Muleshoe	61.63 330	P	P	17 59 57.3
M54A	Oil Creek Stat	61.73 353	P	P	17 59 29.4 +0.5
M54A	Oil Creek Stat	61.73 353	P	P	17 59 28.7 -0.1
L60A	Shokan	61.75 357	P	P	17 59 29.5 +0.6
N49A	Columbus Grove	61.84 349	P	P	17 59 29.4 -0.2
N49A	Columbus Grove	61.84 349	P	P	17 59 29.1 -0.5
L58A	Harry Jones Me	61.90 356	P	P	17 59 30.7 +0.7

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SFIN	Lafayette	61.92 346	P	P	17 59 28.7 -1.5
L57A	Andrews Acres	61.93 355	P	P	17 59 31.2 +1.0
L59A	Walton	61.99 357	P	P	17 59 31.2 +0.5
L59A	Walton	61.99 357	P	P	17 59 30.1 -0.6
B1NY	Binghamton	62.06 356	P	P	17 59 31.6 +0.5
B1NY	Binghamton	62.06 356	P	P	17 59 31.6 +0.5
B1NY	Binghamton	62.06 356	P	P	17 59 32.6
L56A	Greenwood	62.12 354	P	P	17 59 32.1 +0.5
L56A	Greenwood	62.12 354	P	P	17 59 31.9 +0.4
L61B	Northampton	62.16 359	P	P	17 59 31.9 +0.2
HRV	Adam Dzewonsk	62.20 360	P	P	17 59 32.2 +0.2
L53A	Girard	62.24 352	P	P	17 59 32.7 +0.4
L55A	Hinsdale	62.26 354	P	P	17 59 32.9 +0.5
ERPA	Erle	62.37 352	P	P	17 59 33.6 +0.5
K61A	Williamstown	62.39 358	P	P	17 59 34.4 +1.1
L54A	Simclairville	62.40 353	P	P	17 59 33.9 +0.5
P40A	Paris	62.41 342	P	P	17 59 32.6 -0.8
P40A	Paris	62.41 342	P	P	17 59 48.0
TRY	Edgerton	62.47 358	P	P	17 59 34.6 +0.9
M48A	West Valley, N	62.49 354	P	P	17 59 32.7 -1.2
WVNY	Cooperstown	62.56 357	P	P	17 59 34.3 +0.3
K59A	Earville	62.60 356	P	P	17 59 34.9 +0.4
K58A	Earville	62.60 356	P	P	17 59 35.0 +0.4
K58A	Earville	62.60 356	P	P	17 59 35.2 +0.6
K58A	Earville	62.60 356	P	P	17 59 36.5
HDIL	Hopedale	62.61 344	P	P	17 59 34.1 -0.7
K54A	Basliko Farm,	62.70 354	P	P	17 59 36.1 +0.8
MMNV	Mt. Morris Dam	62.75 354	P	P	17 59 35.3 -0.3
K55A	Perry	62.76 354	P	P	17 59 36.3 +0.5
J61A	Chester	63.05 359	P	P	17 59 38.3 +0.7
J59A	Piesco	63.23 357	P	P	17 59 39.8 +0.9
J59A	Piesco	63.23 357	P	P	17 59 39.9 +1.0
J57A	Williamstown	63.27 356	P	P	17 59 40.2 +1.2
J57A	Williamstown	63.27 356	P	P	17 59 39.7 +0.6
J57A	Williamstown	63.27 356	P	P	17 59 48.3
J55A	Hilton	63.27 354	P	P	17 59 40.2 +1.2
J55A	Hilton	63.27 354	P	P	17 59 38.6 -0.4
J58A	Hilto	63.48 357	P	P	17 59 41.4 +0.9
J52A	Paris	63.53 352	P	P	17 59 41.6 +0.8
I59A	Almsteadville	63.54 358	P	P	17 59 41.7 +0.8
I62A	Tamworth	63.56 360	P	P	17 59 42.4 +1.4
I60A	Shoreham	63.57 358	P	P	17 59 42.1 +1.1
I61A	Oroboro, Fairl	63.63 359	P	P	17 59 42.5 +1.0
LBNH	Lisbon	63.93 359	P	P	17 59 45.1 +1.6
H58A	Gabriels	64.17 357	P	P	17 59 45.8 +0.7
I55A	Frankford	64.20 355	P	P	17 59 45.9 +0.7
ANMO	Albuquerque	64.20 328	eP	eP	17 59 47.4 +1.7
ANMO	Albuquerque	64.20 328	eP	eP	17 59 47.4 +1.7
J47A	Sunmer	64.20 349	P	P	17 59 44.5 -0.7
J47A	Sunmer	64.20 349	P	P	17 59 45.8
H61A	Lyndonville	64.23 359	P	P	17 59 46.1 +0.7
H62A	Milan	64.26 360	P	P	17 59 46.5 +0.9
H60A	Morristown	64.27 359	P	P	17 59 46.1 +0.5
H57A	Richville	64.28 356	P	P	17 59 46.2 +0.5
SNAA	Sanae	64.32 161	P	P	17 59 45.8 0.0
SNAA	Sanae	64.32 161	P	P	17 59 45.8 0.0
SNAA	Sanae	64.32 161	P	P	17 59 45.8 0.0
H63A	New Sharon	64.36 1	P	P	17 59 47.0 +0.8
H59A	Cadyville	64.38 358	P	P	17 59 47.1 +0.7
H56A	Elgin	64.46 356	P	P	17 59 48.0 +1.1
H55A	Tweed	64.49 355	P	P	17 59 48.1 +1.1
H66A	Whiting	64.56 3	P	P	17 59 48.7 +1.2
FRNY	Flat Rock	64.57 358	P	P	17 59 48.0 +0.4
FRNY	Flat Rock	64.57 358	P	P	17 59 50.3
G60A	Masonville	64.80 359	P	P	17 59 50.5 +1.4
G63A	Kingsbury	64.81 1	P	P	17 59 50.0 +0.8
SADO	Sadova	64.89 354	P	P	17 59 48.8 -0.9
SADO	Sadova	64.89 354	P	P	17 59 51.6
G57A	Newington	64.89 357	P	P	17 59 50.4 +0.7
G62A	West of Eustis	64.91 0	P	P	17 59 50.8 +1.0
G62A	West of Eustis	64.91 0	P	P	17 59 50.6 +0.8
G61A	St-Isidore-de-	64.97 360	P	P	17 59 51.1 +0.9
G64A	Madixville	64.97 2	P	P	17 59 50.9 +0.7
T25A	Trinidad	64.99 331	P	P	17 59 51.4 +0.6
G55A	Calabogie	65.15 356	P	P	17 59 51.9 +0.5
G53A	Haliburton	65.18 354	P</		

Table with columns: Station, Time, Az, El, Azimuth, Elevation, and other parameters. Includes stations like TBI Tubuai, MDND Maddock, and many others.

Table with columns: Station, Time, Az, El, Azimuth, Elevation, and other parameters. Includes stations like TAM, MAW Mawson, YKA Yellowknife, and many others.

Table with columns: Station, Time, Az, El, Azimuth, Elevation, and other parameters. Includes stations like CHTO Chiang Mai, NIED 10 17:50:00, and many others.

NEIC 10 17:53:20.1, 2.2, 2.3, 3.8S; 0.2-1.78; 5W; 0.2, h35km, 9km, mb4.7/9, Error ellipse: s-maj=24.3km s-min=21.2km az=128.0

ISC 10 17:53:20.0-1.0, 33.59S; 0.07-1.78; 3W; 0.1, h41km, n52, o137/52, mb4.4/6, 1C, South of Kermadec Islands

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

IDC 10 18:00:47.3, 2.5, 3.6; 35N; 96.90W, h0km, mb1 3.7/3, mb1mx3.4/47, mbtmp3.3/3, ML3.3/3, Error ellipse: s-maj=33.2km s-min=15.8km az=104.0

TUL 10 18:00:48.1, 2.36; 29N; 0.04-96; 95W; 0.06, h8km, 7km, ML3.7, Error ellipse: s-maj=7.1km s-min=5.3km az=127.0

NEIC 10 18:00:48.1, 1.2, 3.6; 29N; 0.04-96; 97W; 0.05, n9km, 7km, Error ellipse: s-maj=6.3km s-min=5.3km az=99.0

ANF 10 18:00:48.4, 0.5, 3.6; 30N; 96.90W, h35km, 9km, ML4.5/16, Error ellipse: s-maj=26.2km s-min=25.8km az=8.0

ISC 10 18:00:46.7-1.3, 36.30N; 0.03-96; 98W; 0.03, h2km, 10km, n95, o133/110, Oklahoma

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

Table with columns: AMTX, S, Sg, Time, Res, ISC. Lists seismic events with station names like Amarillo, White Oak Lake, Madies State, etc.

IDC 10 18:12:41.9, 1.7, 1.6; 23S; 178.82W, h0km, mb4.2/6, mb1 4.5/6, mb1mx3.9/47, mbtmp4.2/6, Error ellipse: s-maj=41.0km s-min=35.9km az=152.0

NEIC 10 18:12:47.4, 1.3, 1.6; 4S; 0.2-1.78; 9W; 0.2, h36km, 8km, mb4.9/14, Error ellipse: s-maj=26.3km s-min=21.9km az=54.0

ISC 10 18:12:46.8-1.0, 16.4S; 0.2-1.78; 9W; 0.2, h35km, n22, o128/22, mb4.6/11, 1C, Fiji Islands region

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

IDC 10 18:19:11.2, 2.0, 3.9; 0S; 141.36E, h39km, 18km, mb4.5/28, mb1 4.5/32, mb1mx4.5/43, mbtmp4.7/32, ML4.9/2, MS3.9/21, Ms1 3.9/21, ms1mx3.7/38, Error ellipse: s-maj=15.2km s-min=8.9km az=79.0

NEIC 10 18:19:13.1, 2.1, 3.8; 3S; 0.06-1.41; 24E; 0.08, h61km, 3km, mb5.0/126, Error ellipse: s-maj=11.7km s-min=7.8km az=64.0

GCMT 10 18:19:13.1, 0.3, 3.8; 4S; 0.02-1.41; 32E; 0.02, h50km, 1km, MV4.9/58, Moment Tensor Solution, s43, c50; s58, c87; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.57; 13; Mw=0.02; 08; Ms=2.62; 08; Mm=0.59; 06; Mw=0.01; 06; Mw=0.34; 09; Best double couple: M2: 6900; 1016; NP1: 16; 167; 0000; 843.0000; A: 109.0000; NP2: 9; 120000; 850.0000; A: 73.0000; Principal axes: T: 2.6720, Plg4.0000, Azm91.0000; N: 0.0500, Plg13.0000; Azm181.0000; P: -2.7250, Plg7.0000; Azm344.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 10 18:19:14.3, 0.4, 4.3; 3S; 141.1E, h69km, 3km, M4.8/42, mb5.0/42, mb5.3/28, MLV5.0/3, Mw(mb)4.7/28, Mwps.1/2

ISC 10 18:19:12.4, 0.3, 3.9; 6S; 0.04-141; 28E; 0.05, h54km, n336, o150/337, mb5.0/113, MS4.0/11, 4C-17D, New Guinea

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

MOS 10 18:19:09.1, 0.9, 3.8; 8S; 141.36E, h39km, mb5.2/19, Error ellipse: s-maj=10.1km s-min=5.4km az=106.7

BJI 10 18:19:10.4, 0.4, 1.4; 14S; 141.66E, h75km, mb4.9/41, mb4.9/64, Ms4.4/27, Ms7.4/23

10d 19h

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

IDC 10 19:25.9:1.6, 3.80S, 141.72E, h0km, mb3.2/3, mb1 3.6/4, mb1mx3.3/23, mbtmpp3.4/4, ML3.5/1, MS2.9/1, Ms1 2.9/1, ms1mx2.4/13, Error ellipse: s-maj=45.0/5km s-min=15.3km az=63.0, New Guinea

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

IDC 10 19:31:22.9:0.8, 21:14S, 68:50W, h116km, 11km, mb3.9/3, mb1 3.7/6, mb1mx3.5/31, mbtmpp4.1/6, Error ellipse: s-maj=29.4km s-min=10.9km az=101.0

GUC 10 19:31:22.4:0.7, 21:13S, 68:85W, h118km, 4km, ML3.9 NEIC 10 19:31:22.1:1.5, 21:14S, 0:05, 68:9W, 0.1, h127km, 8km, mb4.4/1, Error ellipse: s-maj=15.1km s-min=6.9km az=94.0

ISC 10 19:31:21.9:0.8, 21:15S, 0:04, 68:89W, 0:08, h131km, 7km, n42, c0988/55, mb3.9/3, 5C-6D, Chile-Bolivia border region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their coordinates.

DDA 10 19:33:32.2, 37:00N, 27:38E, h8km, ML2.0 ISK 10 19:33:32.7, 37:03N, 27:43E, h6km, ML2.5/12 ISC 10 19:33:32.5:0.9, 37:05N, 0:03, 27:52E, 0:03, h7km, 5km, n21, c148/31, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDRM, BDRM, BODT, BODT, BODT, YKAV.

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Table with columns: YKAV, DATC, DATC, Data, Data, Data, comp=N, 97nm, 0.5s, comp=N, 94nm, 0.1s, DAT, YERkesik, AYDN, AYDN, AYDN, comp=N, 106nm, 0.5s, GCAM, GCAM?, GCAM?, GCAM, GCAM, comp=E, 110nm, 0.3s, GCAM, comp=N, 104nm, 0.5s, TURN, TURunc, TURunc, TURN, TURN, TURN, comp=E, 105nm, 0.2s, TURN, comp=N, 139nm, 0.5s, DALY, DALY, DALY, DALY, DALY, comp=N, 34nm, 0.6s, AYDE, ARG, ARG, DGB, TAVA, FETY, FETI, URLA, comp=N, 125km, 5km, NEIC, AEIC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their coordinates.

NEIC 10 19:38:07.8:0.8, 63:20N, 0:04, 150:53W, 0:08, h125km, 5km, Error ellipse: s-maj=6.0km s-min=5.2km az=223.0 AEIC 10 19:38:08.4:1.0, 63:20N, 0:04, 150:52W, 0:08, h121km, 4km, ML2.8/98, Error ellipse: s-maj=5.9km s-min=4.5km az=48.0, Central Alaska

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their coordinates.

IDC 10 19:39:40.3:2.2, 4:49S, 151:46E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.6/56, mbtmpp3.4/7, ML3.0/2, MS3.0/1, s-maj=148.2km s-min=31.4km az=125.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WARRAMUNGA ARR, ASAR, ELIELSON ARR.

IDC 10 19:59:32.7:12.0, 38:21N, 20:40E, h0km, mb3.6/5, mb1 3.5/7, mb1mx3.3/56, mbtmpp3.4/7, ML3.0/2, MS3.0/1, Ms1 3.0/1, ms1mx2.1/39, Error ellipse: s-maj=228.1km s-min=28.8km az=33.0

ATH 10 19:59:34.5, 38:16N, 20:37E, h13km, ML3.2/10, Error ellipse: s-maj=1.6km s-min=0.9km az=50.0 THE 10 19:59:35.4, 38:17N, 20:39E, h8km, ML3.1/7, Error ellipse: s-maj=0.6km s-min=0.3km az=259.0

BEO 10 19:59:37.5:0.8, 38:20N, 19:09E, h16km, 5km, ML3.2/9 ISC 10 19:59:34.0:0.8, 38:16N, 0:03, 20:36E, 0:03, h12km, 3km, n123, c1919/162, mb3.5/5, Greece

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC, Res. Rows include stations like MAKRA, AGIOS, VLX, AXAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC, Res. Rows include stations like FLYWY, YCCO, ISCO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC, Res. Rows include stations like CISI, TRF, RND, etc.

IDC 10 20:06:37.1±1.6, 43.77N:105.53W, h0km, mb4.6/1, mb1 3.0/6, mb1mx3.5/7, mbtmp3.0/6, ML3.1/4, Error ellipse: s-maj=4.2km s-min=2.9km az=148.1

ANF 10 20:06:37.6±0.3, 43.70N:105.33W, h0km, ML3.4/10, Error ellipse: s-maj=4.5km s-min=2.7km az=115.0

NEIC 10 20:06:38.9±1.4, 43.78N:105.05:105.26W, 0.4, h10km, 7km, ML3.2/52, Error ellipse: s-maj=8.4km s-min=3.7km az=160.0

ISC 10 20:06:37.0±0.8, 43.81N:105.29W, 0.05, h0km, n74, ±120/81, Wyoming

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC, Res. Rows include stations like RISSD, R2SSD, K22A, etc.

NEIC 10 20:19:18.2±0.8, 15.28S:109.174W, 0.1, h51km, 3km, mb5.0/27, Error ellipse: s-maj=17.7km s-min=13.0km az=102.0

IDC 10 20:19:19.2±2.9, 15.35S:173.84W, h60km, 26km, mb3.9/10, mb1 4.2/12, mb1mx3.8/35, mbtmp4.2/12, ML4.2/2, Error ellipse: s-maj=45.0km s-min=15.0km az=143.0

ISC 10 20:19:18.0±0.5, 15.25S:109.173W, 0.08, h51km, n55, ±69/52, mb4.8/23, 1C, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC, Res. Rows include stations like AFI, NIUE, DZM, etc.

NDC 10 20:21:28.8±0.0, 33.62N:25.57E, h32km, 36km, ML2.9/2, NIC 10 20:21:31.3±2.3, 34.27N:26.07E, h0km, mb3.9/5, mb1 3.8/10, mb1mx3.6/42, mbtmp3.7/10, ML3.7/5, MSK0.0/3, MS1 3.0/3, m1mx2.3/49, Error ellipse: s-maj=48.0km s-min=19.5km az=27.0

ATH 10 20:21:37.5±3.4, 32N:25.78E, h32km, 9km, ML2.5/1, Error ellipse: s-maj=9.8km s-min=2.1km az=296.0

THE 10 20:21:39.5±3.4, 37N:25.77E, h16km, 4km, ML2.4/1, Error ellipse: s-maj=5.2km s-min=1.4km az=165.0

ISC 10 20:21:33.2±0.9, 34.00N:106.25E, 0.04, h26km, n45, ±139/47, mb3.9/5, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC, Res. Rows include stations like FRMA, ZKR, etc.

10d 22h

Table with columns: PRZ, KPZ, ANVS, ANVS, DJR, DJR, KDJ, KDJ, ULHL, ULHL, BOOM, BOOM, TKM2, TKM2, TKM2, MK31, MK31, MK31. Includes station names like Przewalski, Kokpek, Anan'yev, etc.

TAP 10:20:34.31.2, 25'00N, 122'56E, h138km, 1km, ML2.9, D
JMA 10:20:34.32.0.2, 24'29N, 122'56E, h126km, 3km, M1.6
ISC 10:20:34.32.31.7, 24'34N, 122'57E, 0.03, h129km, 1.1km, a46, c061/86, Taiwan region

Main table for 10d 22h section with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their seismic data.

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Table with columns: DPDB, VVWD, VVWD, HGSD, HGSD, SMLT, SMLT, SSSL, SSSL, TYC, TYC, JTJ, JTJ, FULB, FULB, CHNS, CHNS, JIRB, JIRB, TPUB, TPUB, JMJ2, JMJ2. Includes station names like Guoxing, WVDT, etc.

DDA 10:20:52:39.4, 37'01N, 27'42E, h8km, 1km, ML2.2
ISK 10:20:52:39.2, 37'03N, 27'45E, h5km, ML2.5/13
ISC 10:20:52:39.4, 0.9, 36.36N, 0.04, 27'52E, 0.04, h12km, gkm, n19, c249/29, Dodecanese Islands

Main table for 2014 APR section with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their seismic data.

NEIC 10:21:17:27.8, 1.9, 33'87S, 0'10, 55'6E, 0'1, h10km, 1km, mb4.8/9, Error ellipse: s-maj=19.2km s-min=16.5km az=253.0

IDC 10:21:17:27.4, 0.6, 33'92S, 55'79E, h0km, mb4.2/12, mb1.4/4.13, mb1mx4.0/4.0, mbtmp4.3/13, ML4.3/1, MS3.7/15, Ms1.3/7.15, ms1mx3.5/26, Error ellipse: s-maj=21.1km s-min=16.7km az=61.0

ISC 10:21:17:27.0, 4.3, 33'84S, 0'08, 55'68E, 0'09, h10km, n88, r122/73, mb4.3/13, MS3.6/15, 1C, Southwest Indian Ridge

Main table for 2014 APR section with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their seismic data.

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Table with columns: ASAR, AS31, SHL, ASFCN, KBL, KKM, DBIC, WRA, WB2, STKA, STKA, STKA, WRAB, GEYT, GEYT, LSA, BRTR, BRTR, BRTR, AAK, KBD, KJV, PRZ, WDD, EIDS, SCSTE, ENH, KEST, LBZ, ABKAR, MAKZ, GO09, MKR1, MKAR, MKAR, XAN, XAN, BUAR, ARU, GERES, ZAAO, ZALV, BINY, V55A, MLY, INK, INK, ILAR, CLTN, YKA. Includes station names like Alice Springs, Shillong, etc.

IDC 10:21:52:16.6, 4.8, 28'49S, 62'06E, h0km, mb3.8/2, mb1.3/9.2, mb1mx3.4/3.4, mbtmp3.8/2, Error ellipse: s-maj=203.9km s-min=48.8km az=44.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their seismic data.

NEIC 10:22:10:59.1, 0.8, 20'57S, 0'04, 71'01W, 0'08, h15km, gkm, ML4.2(GUC), Error ellipse: s-maj=10.9km s-min=6.4km az=88.0

IDC 10:22:10:59.1, 0.8, 20'31S, 70'77W, h0km, mb3.9/7, mb1.4/2.9, mb1mx4.0/3.1, mbtmp4.0/9, ML4.2, MS3.2/4, Ms1.3/2.4, ms1mx2.9/29, Error ellipse: s-maj=24.3km s-min=21.8km az=54.0

SJA 10:22:11:00.5, 0.6, 20'68S, 71'00W, h46km, 13km, ML4.2, MV4.4

GUC 10:22:11:01.3, 0.7, 20'55S, 70'97W, h33km, 2km, ML4.3

VAO 10:22:11:08.0, 0.7, 20'42S, 70'50W, h63km, mb4.2

ISC 10:22:10:58.7, 1.7, 20'56S, 0'03, 70'99W, 0'05, h8km, 10km, Chile, r112/109, mb3.8/6, 14C-4D, Near east of northern

Main table for 712 section with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations and their seismic data.

Table with columns: Station Name, Frequency, Class, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KNRA, FAKI, SWI, FITZ, VNTA, VVDA, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like FALS, JNU, HOPS, PASC, SKR, SKRM, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KDKA, KDKA, TUC, TUC, TUC, etc.

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Table with columns: Station, Location, Frequency, Power, Class, and Signal. Includes stations like F10A, MNTX, SRU, and MAW.

2014 APR

Table with columns: Station, Location, Frequency, Power, Class, and Signal. Includes stations like DL2, MCARA, CTGM, and SMO.

10d 22h

Table with columns: Station, Location, Frequency, Power, Class, and Signal. Includes stations like MLY, HDA, CCB, and WALA.

AEIL	Aeropuerto Ilo	2.99 295	eP	Pn	23 28 32.2	-0.1
AEIL	comp-Z,299m,0.6s		IAML		23 29 23.3	
AEIL	Aeropuerto Ilo	2.99 295	eP	Pn	23 28 32.2	-0.1
AEIL	comp-Z,299m,0.6s		IAML		23 29 23.3	
UBBS	Universidad Do	3.03 295	eP	Pn	23 28 32.5	-0.4
UBBS	Universidad Do	3.03 295	eP	Pn	23 28 32.5	-0.4
OPAM	Oficina de Pla	3.07 295	eP	Pn	23 28 32.7	-0.7
OPAM	Oficina de Pla	3.07 295	eP	Pn	23 28 32.7	-0.7
SNET	Serv Nac Est T	3.09 294	eP	Pn	23 28 30.0	-0.7
SNET	Serv Nac Est T	3.09 294	eP	Pn	23 28 30.0	-0.7
SNET	Serv Nac Est T	3.09 294	eP	Pn	23 28 32.7	-1.4
SNET	Serv Nac Est T	3.09 294	eP	Pn	23 28 32.7	-1.4
LALI	Alcalda de L	3.10 290	eP	Pn	23 28 31.6	-2.1
LALI	Alcalda de L	3.10 290	eP	Pn	23 28 31.6	-2.1
UEES	Universidad Ev	3.11 295	eP	Pn	23 28 33.0	-0.2
UEES	Universidad Ev	3.11 295	eP	Pn	23 28 33.0	-0.2
CEVE	Cerro Verde	3.50 294	eP	Pn	23 28 38.9	-0.6
CEVE	Cerro Verde	3.50 294	eP	Pn	23 28 38.9	-0.6
SNJE	San Jose	3.50 294	eP	Pn	23 28 38.9	-0.5
SNJE	San Jose	3.50 294	eP	Pn	23 28 38.9	-0.5
SBL	San Blas	3.50 294	eP	Pn	23 28 39.1	-0.4
SBL	San Blas	3.50 294	eP	Pn	23 28 39.1	-0.4
LCR2	La Lucha 2	3.52 139	eP	Pn	23 28 38.1	-1.6
LCR2	La Lucha 2	3.52 139	eP	Pn	23 28 38.1	-1.6
MT03	Montecristo	3.54 304	eP	Pn	23 28 38.6	-1.3
MT03	Montecristo	3.54 304	eP	Pn	23 28 38.6	-1.3
MRL	Marmol	4.15 309	ePn	Pn	23 28 49.0	+0.7
MRL	Marmol	4.15 309	ePn	Pn	23 28 49.0	+0.7
IXG	Ipacaco	4.36 294	ePn	Pn	23 29 13.0	+1.0
IXG	Ipacaco	4.36 294	ePn	Pn	23 29 13.0	+1.0
NBG	Nas Lubes	4.45 299	ePn	Pn	23 28 56.4	+2.0
NBG	Nas Lubes	4.45 299	ePn	Pn	23 28 56.4	+2.0
PCG	Pacaya	4.59 296	ePn	Pn	23 28 55.5	-1.3
PCG	Pacaya	4.59 296	ePn	Pn	23 28 55.5	-1.3
APG	El Apazote	4.76 303	Pn		23 30 08.8	
APG	comp-Z,11nm,0.3s,baz=117,slow=8,SNR=75		g		23 30 08.8	
APG	comp-Z,91nm,0.3s,baz=207,slow=14,SNR=1.9		LR		23 30 58.7	
FUG	Fuego 3	4.82 295	ePn	Sb	23 28 58.5	+0.9
FUG	Fuego 3	4.82 295	ePn	Sb	23 28 58.5	+0.9
PRVC	Isla de Provid	4.93 79	eP	Pn	23 29 00.2	+1.3
BRUZ	Volcan	5.09 135	eP	Pn	23 29 00.6	-0.7
BRUZ	Volcan	5.09 135	eP	Pn	23 29 00.6	-0.7
ERG	Entre ros, C	5.47 292	ePn	Pn	23 29 08.1	+1.7
ERG	Entre ros, C	5.47 292	ePn	Pn	23 29 08.1	+1.7
STG3	Santiago 3,	5.58 295	ePn	Pn	23 29 08.5	+0.5
STG3	Santiago 3,	5.58 295	ePn	Pn	23 29 08.5	+0.5
ICCO	Coco Island	6.39 294	ePn	Pn	23 29 27.9	-1.6
ICCO	Coco Island	6.39 294	ePn	Pn	23 29 27.9	-1.6
BCIP	Isla Barro Col	7.16 116	eP	Pn	23 29 28.2	-1.4
BCIP	Isla Barro Col	7.16 116	eP	Pn	23 29 28.2	-1.4
BCIP	Isla Barro Col	7.16 116	eP	Pn	23 29 28.5	-1.1
BCIP	Isla Barro Col	7.16 116	eP	Pn	23 29 28.5	-1.1
UPA	Univ. de Panam	7.57 17	Pn		23 29 32.9	-1.5
UPA	Univ. de Panam	7.57 17	Pn		23 29 32.9	-1.5
TEIG	Teplalco	7.97 347	Pn		23 29 40.2	-0.4
TEIG	Teplalco	7.97 347	Pn		23 29 40.2	-0.4
CMIG	Matias Romero	9.48 300	Pn		23 30 01.6	+0.1
CMIG	comp-Z,10nm,0.3s,baz=98,slow=8,4,SNR=68		Sn		23 30 01.6	+0.1
CMIG	comp-Z,5.3nm,0.3s,baz=22,slow=19,SNR=1.2		Sn		23 31 50.2	+2.3
CAPC	Capurgana	9.60 112	eP	Pn	23 30 02.9	-0.3
CAPC	Capurgana	9.60 112	eP	Pn	23 30 02.9	-0.3
MCJ	Malvern	9.97 56	iP	Pn	23 30 04.2	-0.4
MCJ	Malvern	9.97 56	iP	Pn	23 30 04.2	-0.4
MBJ	Montego Bay	10.09 53	iP	Pn	23 30 19.6	+1.0
MBJ	Montego Bay	10.09 53	iP	Pn	23 30 19.6	+1.0
CVJ	Coleyville	10.25 55	iP	Pn	23 30 19.3	+0.7
CVJ	Coleyville	10.25 55	iP	Pn	23 30 19.3	+0.7
MTDU	Mount Denham	10.31 58	iP	Pn	23 30 17.6	+4.8
MTDU	Mount Denham	10.31 58	iP	Pn	23 30 17.6	+4.8
PCJ	Portland Cotta	10.31 58	iP	Pn	23 30 13.4	-0.9
PCJ	Portland Cotta	10.31 58	iP	Pn	23 30 13.4	-0.9
LCBC	Los crdoabs,	10.42 109	eP	Pn	23 30 23.4	+7.2
LCBC	Los crdoabs,	10.42 109	eP	Pn	23 30 23.4	+7.2
BBJ	Bamboo Saint A	10.55 55	iP	Pn	23 30 23.3	+4.3
BBJ	Bamboo Saint A	10.55 55	iP	Pn	23 30 23.3	+4.3
STH	Stony Hill	10.76 57	iP	Pn	23 30 27.1	+4.7
STH	Stony Hill	10.76 57	iP	Pn	23 30 27.1	+4.7
STH	Stony Hill	10.76 57	iP	Pn	23 30 25.4	+6.2
STH	Stony Hill	10.76 57	iP	Pn	23 30 25.4	+6.2
HOJ	Hope	10.78 58	iP	Pn	23 30 29.1	+7.6
HOJ	Hope	10.78 58	iP	Pn	23 30 29.1	+7.6
YHJ	Yallahs	10.94 59	iP	Pn	23 30 22.2	-3.3
YHJ	Yallahs	10.94 59	iP	Pn	23 30 22.2	-3.3
SJCC	San Jacinto, C	11.23 102	eP	Pn	23 30 27.5	+0.6
SJCC	San Jacinto, C	11.23 102	eP	Pn	23 30 27.5	+0.6
DBBC	Dabeiba	11.33 117	eP	Pn	23 30 29.2	-1.3
DBBC	Dabeiba	11.33 117	eP	Pn	23 30 29.2	-1.3
UREC	San Jos de Ur	11.60 113	eP	Pn	23 30 17.0	+0.2
UREC	San Jos de Ur	11.60 113	eP	Pn	23 30 17.0	+0.2
CBCC	Ciudad Olivar	12.13 101	eP	Pn	23 30 34.7	-3.1
CBCC	Ciudad Olivar	12.13 101	eP	Pn	23 30 34.7	-3.1
ARGC	Arguano, Magd	12.13 101	eP	Pn	23 30 36.5	-3.8
ARGC	Arguano, Magd	12.13 101	eP	Pn	23 30 36.5	-3.8
ZARC	Zaragoza, Cauc	12.32 112	eP	Pn	23 30 40.3	+2.2
ZARC	Zaragoza, Cauc	12.32 112	eP	Pn	23 30 40.3	+2.2
HELX	Santa Helena	12.33 119	eP	Pn	23 30 41.1	+0.8
HELX	Santa Helena	12.33 119	eP	Pn	23 30 42.7	-1.2
GRIC	Gorgona, Isla	12.37 139	eP	Pn	23 30 38.7	-9.4
GRIC	Gorgona, Isla	12.37 139	eP	Pn	23 30 38.7	-9.4
PLMC	San Jos del P	12.43 126	eP	Pn	23 30 58.0	+1.7
PLMC	San Jos del P	12.43 126	eP	Pn	23 30 58.0	+1.7
SMLC	San Martin de	12.58 105	eP	Pn	23 30 53.6	+1.0
SMLC	San Martin de	12.58 105	eP	Pn	23 30 53.6	+1.0
CODC	Agustin Codaz	12.88 100	eP	Pn	23 31 03.4	+1.2
CODC	Agustin Codaz	12.88 100	eP	Pn	23 31 03.4	+1.2
TUMC	Tumaco	12.96 144	eP	Pn	23 30 53.5	-2.6
TUMC	Tumaco	12.96 144	eP	Pn	23 30 53.5	-2.6
YOTC	Yotoco, Valle	12.96 130	eP	Pn	23 30 58.6	+0.7
YOTC	Yotoco, Valle	12.96 130	eP	Pn	23 30 58.6	+0.7
GUY2C	Guayana, Caidas	13.08 123	eP	Pn	23 31 01.1	+0.5
GUY2C	Guayana, Caidas	13.08 123	eP	Pn	23 31 01.1	+0.5
SPBC	Saladillo	13.10 111	eP	Pn	23 31 02.0	+0.7
SPBC	Saladillo	13.10 111	eP	Pn	23 31 02.0	+0.7
PTBC	PUERTO BERRIO,	13.09 115	eP	Pn	23 30 59.8	-4.1
PTBC	PUERTO BERRIO,	13.09 115	eP	Pn	23 30 59.8	-4.1
GTBY	Guantanamo Bay	13.10 54	eP	Pn	23 31 04.9	+0.4
GTBY	Guantanamo Bay	13.10 54	eP	Pn	23 31 04.9	+0.4
RREF	El Recreo	13.18 124	eP	Pn	23 31 05.6	+1.0
RREF	El Recreo	13.18 124	eP	Pn	23 31 05.6	+1.0
NORC	Norcesia	13.21 120	eP	Pn	23 31 03.4	+1.2
NORC	Norcesia	13.21 120	eP	Pn	23 31 03.4	+1.2
ANIL	Santa Ana	13.38 125	eP	Pn	23 30 59.5	+4.2
ANIL	Santa Ana	13.38 125	eP	Pn	23 30 59.5	+4.2
TOLC	Tolima	13.39 125	eP	Pn	23 30 53.5	-2.6
TOLC	Tolima	13.39 125	eP	Pn	23 30 53.5	-2.6
OCAC	Ocana	13.46 107	eP	Pn	23 30 58.6	+0.7
OCAC	Ocana	13.46 107	eP	Pn	23 30 58.6	+0.7
PAYC	Puerto Ayora	13.60 197	eP	Pn	23 31 01.1	+0.5
PAYC	Puerto Ayora	13.60 197	eP	Pn	23 31 01.1	+0.5
POPC	Popayan, Colom	13.71 135	eP	Pn	23 31 02.0	+0.7
POPC	Popayan, Colom	13.71 135	eP	Pn	23 31 02.0	+0.7
SPBC	San Pablo de B	13.80 127	eP	Pn	23 30 59.8	-4.1
SPBC	San Pablo de B	13.80 127	eP	Pn	23 31 04.9	+0.4
ORFC	Ortega, Tolima	13.85 127	eP	Pn	23 31 05.6	+1.0
ORFC	Ortega, Tolima	13.85 127	eP	Pn	23 31 05.6	+1.0
URIC	Uribia, Colom	14.01 91	eP	Pn	23 31 09.5	-2.9
URIC	Uribia, Colom	14.01 91	eP	Pn	23 31 09.5	-2.9
SOTA	Rioblanco	14.05 136	eP	Pn	23 31 04.9	+0.4
SOTA	Rioblanco	14.05 136	eP	Pn	23 31 04.9	+0.4
PCON	Cinco Dias	14.06 135	eP	Pn	23 31 09.5	-2.9
PCON	Cinco Dias	14.06 135	eP	Pn	23 31 09.5	-2.9
ROSC	El Rosal	14.06 121	Pn		23 36 47.2	
ROSC	comp-Z,1.0nm,0.3s,baz=321,slow=12,SNR=21		LR		23 36 47.2	
ROSC	comp-Z,48um,18.7s,baz=10,slow=39		Pn		23 31 04.9	+0.4
ROSC	El Rosal	14.06 121	eP	Pn	23 31 06.5	+1.7
ROSC	El Rosal	14.06 121	eP	Pn	23 31 06.5	+1.7
PRAC	Prado	14.26 126	eP	Pn	23 31 02.0	+0.6
PRAC	Prado	14.26 126	eP	Pn	23 31 02.0	+0.6
061Z	061Z	14.30 20	Pn		23 31 09.1	+0.5
061Z	061Z	14.30 20	Pn		23 31 09.1	+0.5
PAMC	Pamplona, Colo	14.35 109	eP	Pn	23 31 10.9	+0.7
PAMC	Pamplona, Colo	14.35 109	eP	Pn	23 31 10.9	+0.7
BETC	Betania	14.50 131	eP	Pn	23 31 09.3	-2.6
BETC	Betania	14.50 131	eP	Pn	23 31 14.5	+1.6
RUSC	La Rusia	14.60 115	eP	Pn	23 31 12.9	+2.5
RUSC	La Rusia	14.60 115	eP	Pn	23 31 17.8	+0.6
CHIC	Chingaza	14.67 121	eP	Pn	23 31 23.8	-0.2
CHIC	Chingaza	14.67 121	eP	Pn	23 31 25.6	+1.2
WILC	Wilvicencio,	14.71 135	eP	Pn	23 31 50.5	
WILC	Wilvicencio,	14.71 135	eP	Pn	23 31 50.5	
FLOC	Florencia	15.11 135	eP	Pn	23 31 05.6	+1.0
FLOC	Florencia	15.11 135	eP	Pn	23 31 05.6	+1.0
TAMC	Tame, Arauca	15.53 111	eP	Pn	23 31 25.6	+1.2
TAMC	Tame, Arauca	15.53 111	eP	Pn	23 31 25.6	+1.2
060A	Indiantown	15.57 20	Pn		23 31 50.5	
060A	Indiantown	15.57 20	Pn		23 31 50.5	
SDV	comp-Z,425nm,1.1s		Pn		23 31 25.7	-2.3
SDV	Santo Domingo	15.82 101	Pn		23 34 18.6	-4.9
SDV	comp-Z,1.0nm,0.3s,baz=286,slow=11,SNR=48		Sn		23 34 18.6	-4.9
SDV	comp-Z,1.2nm,0.3s,baz=43,slow=14,SNR=1.8		LR		23 38 26.5	
SDV	comp-Z,51um,20s,baz=282,slow=41		LR		23 31 28.5	+0.6
SDV	Santo Domingo	15.82 101	Pn		23 31 41.4	
SDV	comp-Z,512nm,1.1s		IAMB		23 31 30.0	+1.5
SDV	comp-Z,512nm,1.1s		IAMB		23 32 03.1	
SDDR	Presa de Saban	15.87 64	IAMB		23 31 30.0	+1.5
SDDR	Presa de Saban	15.87 64	IAMB		23 32 03.1	
MACC	Macarena, Meta	16.04 129	eP	Pn	23 31 30.0	-0.6
MACC	Macarena, Meta	16.04 12				

WMOK	Wichita Mounta	24.92	335	P	P	23 33 08.3	+0.3
U59A	Littleton	25.03	16	P	P	23 33 10.4	+1.4
U59A	Littleton	25.03	16	I Amb	I Amb	23 33 10.4	
T55A	Pulaski	25.08	11	P	P	23 33 11.6	+2.1
T56A	Rocky Mt	25.14	12	P	P	23 33 12.0	+2.1
S50A	Richmond	25.20	4	P	P	23 33 12.5	+2.0
S51A	Beattyville	25.22	5	P	P	23 33 12.0	+1.3
BLA	Blacksburg	25.23	11	P	P	23 33 12.4	+1.5
BLA	Blacksburg	25.23	11	I Amb	I Amb	23 33 21.9	
BLA	Blacksburg			I AMs_20	I AMs_20	23 43 20.2	
S49A	Springfield	25.26	2	P	P	23 33 12.2	+1.2
T57A	Hurt	25.27	13	P	P	23 33 12.8	+1.7
T57A	Hurt	25.27	13	I Amb	I Amb	23 33 20.4	
T57A	Hurt			I AMs_20	I AMs_20	23 43 12.2	
S44A	Carbondale	25.29	355	I Amb	I Amb	23 33 32.8	
S52A	Salversville	25.31	6	P	P	23 33 13.0	+1.5
SIUC	Southern Illin	25.31	355	I Amb	I Amb	23 33 21.3	
U60A	Pendleton	25.32	17	P	P	23 33 13.1	+1.6
T58A	Grand View Acr	25.39	15	P	P	23 33 13.7	+1.4
U61A	Possum Corner	25.41	19	P	P	23 33 13.7	+1.3
U61A	Possum Corner	25.41	19	P	P	23 33 12.6	+0.3
S53A	Williamson	25.42	8	P	P	23 33 14.2	+1.6
USIN	University of	25.45	358	P	P	23 33 13.6	+0.8
USIN	University of			I Amb	I Amb	23 33 25.7	
LP1G	La Paz	25.51	300	P	P	23 33 13.1	-0.3
LP1G	La Paz			LR	LR	23 42 41.8	
S54A	Dingess, Beckl	25.56	9	P	P	23 33 16.5	+1.8
S54A	Dingess, Beckl	25.56	9	P	P	23 33 14.8	+0.1
S54A	Dingess, Beckl			I Amb	I Amb	23 33 26.4	
S54A	Dingess, Beckl			I AMs_20	I AMs_20	23 43 27.3	
T59A	Double "B" Far	25.67	16	P	P	23 33 16.5	+1.7
T59A	Double "B" Far	25.67	16	I Amb	I Amb	23 33 24.1	
T59A	Double "B" Far			I AMs_20	I AMs_20	23 43 15.9	
WCI	Wyandotte Cave	25.69	0	P	P	23 33 15.4	+0.5
WCI	Wyandotte Cave			P	P	23 33 16.1	+1.2
WCI	Wyandotte Cave	25.69	0	P	P	23 33 15.4	+0.5
S55A	Lewisburg	25.77	11	P	P	23 33 17.9	+2.2
R49A	Shelbille	25.77	2	P	P	23 33 16.5	+0.8
R50A	Paris	25.80	4	P	P	23 33 17.4	+1.4
S56A	Natural Bridge	25.86	12	P	P	23 33 17.8	+1.3
R51A	Hillsboro	25.88	5	P	P	23 33 18.3	+1.6
CCM	Cathedral Cave	25.89	351	P	P	23 33 16.4	-0.3
CCM	Cathedral Cave			P	P	23 33 16.4	-0.3
CCM	Cathedral Cave			MLR	MLR		
CCM	Cathedral Cave			MLR	MLR		
S39A	Bolivar	25.92	347	I Amb	I Amb	23 33 17.3	+0.5
CCM	Cathedral Cave	25.92	351	P	P	23 33 16.4	-0.3
CCM	Cathedral Cave			I Amb	I Amb	23 33 25.8	
S39A	Bolivar	25.92	347	I Amb	I Amb	23 33 25.6	
MNTX	Cornudas Mount	25.98	321	P	P	23 33 17.3	-0.5
R52A	Cattlettsburg	26.00	7	P	P	23 33 19.0	+1.2
NNA	Nana	26.03	158	P	P	23 33 17.9	-0.4
NNA	Nana			LR	LR	23 41 24.6	
NNA	Nana	26.03	158	P	P	23 33 17.8	-0.4
NNA	Nana			P	P	23 33 17.8	-0.4
NNA	Nana			MLR	MLR		
NNA	Nana	26.03	158	I AMs_20	I AMs_20	23 41 11.1	
T35A	Sooner Cottage	26.04	341	I Amb	I Amb	23 33 54.8	
T60A	Surry	26.06	18	P	P	23 33 19.5	+1.2
S57A	Dark Hollow, R	26.07	13	P	P	23 33 19.9	+1.5
R54A	Victor	26.08	10	P	P	23 33 20.2	+1.7
R53A	Hurricane	26.08	8	P	P	23 33 19.9	+1.4
R53A	Hurricane	26.08	8	I Amb	I Amb	23 33 27.0	
BBGH	Gun Hill	26.11	85	eP	P	23 33 27.9	+8.8
BBGH	Gun Hill	26.11	85	P	P	23 33 20.4	+1.3
BBGH	Gun Hill			I AMs_20	I AMs_20	23 43 39.3	
S58A	Poland Farm, P	26.14	15	P	P	23 33 20.5	+1.4
MSTX	Muleshoe	26.15	328	P	P	23 33 19.4	0.0
OLIL	Olney	26.24	357	I Amb	I Amb	23 33 31.1	
SLM	Saint Louis	26.33	353	I Amb	I Amb	23 33 30.6	
R55A	Marlinton	26.33	11	P	P	23 33 23.0	+2.1
R55A	Marlinton	26.33	11	I Amb	I Amb	23 33 33.3	
AMTX	Amarillo	26.33	331	P	P	23 33 21.2	+0.2
Q50A	Georgetown	26.39	4	P	P	23 33 22.7	+1.4
Q48A	North Vernon	26.39	1	P	P	23 33 21.9	+0.6
Q44A	Meyer Farm, Va	26.47	355	I Amb	I Amb	23 33 29.8	
S49A	Mechanicsville	26.48	16	P	P	23 33 23.2	+1.1
Q59A	Aurora	26.49	3	P	P	23 33 23.3	+1.1
R58B	Mineral	26.52	15	P	P	23 33 24.5	+2.0
R58B	Mineral	26.52	15	I AMs_20	I AMs_20	23 43 40.3	
S60A	Water View	26.61	17	P	P	23 33 25.5	+2.3
Q51A	Peebles	26.62	5	P	P	23 33 24.9	+1.5
BLA	Bloomington	26.63	360	I Amb	I Amb	23 33 33.1	
Q53A	Leroy	26.66	8	P	P	23 33 25.3	+1.5
Q52A	Bidwell	26.67	7	P	P	23 33 25.7	+1.9
R57A	Stanardsville	26.68	14	P	P	23 33 25.7	+1.8
R57A	Rapidan	26.81	15	P	P	23 33 26.8	+1.8
CBN	Corbin Frederi	26.88	16	P	P	23 33 27.6	+1.9

CBN	Corbin Frederi	26.88	16	P	P	23 33 28.0	+2.3
CBN	Corbin Frederi			I Amb	I Amb	23 33 35.3	
CBN	Corbin Frederi			I AMs_20	I AMs_20	23 43 50.8	
S61A	Accomac	26.89	19	P	P	23 33 27.4	+1.7
Q54A	Coxs Mills	26.89	10	P	P	23 33 27.5	+1.7
Q54A	Coxs Mills	26.89	10	I Amb	I Amb	23 33 35.1	
Q54A	Coxs Mills			I AMs_20	I AMs_20	23 44 04.9	
P48A	Milroy	26.93	2	I Amb	I Amb	23 33 26.7	+0.5
P48A	Milroy	26.93	2	P	P	23 33 35.3	
R59A	King George, V	26.94	16	P	P	23 33 27.3	+1.0
P49A	Miami Univ. Ec	27.03	3	P	P	23 33 27.4	+0.4
Q55A	Buckhannon	27.03	11	P	P	23 33 29.0	+1.8
P51A	Williamsport	27.09	6	P	P	23 33 29.0	+1.3
P51A	Williamsport	27.09	6	I Amb	I Amb	23 33 43.1	
R60A	Leonardtown, M	27.16	17	P	P	23 33 29.6	+1.5
P50A	Jamestown	27.16	4	P	P	23 33 29.3	+1.1
P43A	Skaggs, Pawnee	27.25	355	P	P	23 33 29.6	+0.6
P43A	Skaggs, Pawnee			I Amb	I Amb	23 33 35.8	
Q56A	Snyder Ridge,	27.25	12	P	P	23 33 31.7	+2.7
P53A	Whipple	27.30	8	P	P	23 33 30.6	+1.1
P53A	Whipple	27.30	8	I Amb	I Amb	23 33 38.9	
P52A	Corning	27.34	7	P	P	23 33 31.2	+1.3
Q57A	Strasburg	27.41	13	P	P	23 33 32.5	+2.0
Q58A	Fox Den Farm,	27.50	15	P	P	23 33 32.1	+0.9
P54A	Burton	27.55	10	P	P	23 33 32.2	+1.4
P55A	Reedsville	27.57	11	P	P	23 33 33.8	+1.9
GSR	Geological Sur	27.58	15	P	P	23 33 32.3	+0.3
R61A	Willards	27.59	19	P	P	23 33 34.0	+1.9
R61A	Willards	27.59	19	P	P	23 33 32.9	+0.9
R61A	Willards			I Amb	I Amb	23 33 45.7	
O44A	Mansfield	27.67	356	I Amb	I Amb	23 33 41.9	
Q59A	Harwood	27.69	16	P	P	23 33 34.8	+1.8
O49A	Covington	27.70	3	P	P	23 33 33.7	+0.6
O49A	Covington	27.70	3	I Amb	I Amb	23 33 42.6	
O50A	Cable	27.71	4	P	P	23 33 34.1	+1.0
MWCW	Mont Chateau	27.72	11	P	P	23 33 35.1	+1.9
O48A	Farmington	27.73	2	P	P	23 33 33.8	+0.4
P56A	Dayton Farm, R	27.77	13	P	P	23 33 36.0	+2.4
O51A	Pataskala	27.80	6	P	P	23 33 34.8	+0.9
P38A	Dawn	27.82	348	I Amb	I Amb	23 33 42.5	
SFIN	Lafayette	27.84	359	P	P	23 33 34.5	+0.2
SFIN	Lafayette	27.84	359	I Amb	I Amb	23 33 43.4	
AC30	Alum Creek Sta	27.85	5	P	P	23 33 35.0	+0.6
AC30	Alum Creek Sta	27.85	5	I Amb	I Amb	23 33 42.9	
O52A	Adamsville	27.86	7	P	P	23 33 35.8	+1.3
O52A	Adamsville	27.86	7	I Amb	I Amb	23 33 43.2	
P57A	Homestead Farm	27.93	14	P	P	23 33 37.4	+2.3
Q60A	Greensboro	28.05	18	P	P	23 33 37.6	+1.5
Q60A	Greensboro			I Amb	I Amb	23 33 45.8	
Q60A	Greensboro			I AMs_20	I AMs_20	23 43 47.9	
121A	Cookes Peak, D	28.06	319	P	P	23 33 37.2	+0.6
121A	Cookes Peak, D	28.06	319	I Amb	I Amb	23 33 46.4	
BBSR	BB Station	28.07	42	I AMs_20	I AMs_20	23 42 07.6	
O53A	New Philadelph	28.07	8	P	P	23 33 37.8	+1.4
KSU1	Kansas State U	28.08	343	P	P	23 33 38.0	+1.5
P58A	Pank, Wackersv	28.11	15	P	P	23 33 38.5	+1.8
O54A	Avella	28.13	10	P	P	23 33 37.9	+1.0
O54A	Avella	28.13	10	I Amb	I Amb	23 33 45.7	
O54A	Avella			I AMs_20	I AMs_20	23 45 02.9	
R32A	Long Quarry	28.13	339	I Amb	I Amb	23 33 44.9	
HD1L	Hopedale	28.13	355	P	P	23 33 37.0	+0.1
HD1L	Hopedale	28.13	355	I Amb	I Amb	23 33 46.4	
N48A	Decatur	28.34	2	P	P	23 33 39.0	+0.3
N47A	Urbana	28.34	1	P	P	23 33 38.7	0.0
N47A	Urbana	28.34	1	I Amb	I Amb	23 33 48.3	
O55A	Ligonier	28.35	11	P	P	23 33 40.2	+1.3
N50A	Nevada	28.37	5	P	P	23 33 39.8	+0.8
N49A	Columbus Grove	28.44	3	P	P	23 33 40.3	+0.7
N54A	Jarrettsville	28.45	16	P	P	23 33 41.3	+1.6
Y22D	IRIS PASCAL I	28.56	322	P	P	23 33 41.2	+0.2
O56A	Blue Knob Stat	28.56	12	P	P	23 33 41.0	+0.3
O56A	Blue Knob Stat	28.56	12	I Amb	I Amb	23 33 51.2	
O56A	Blue Knob Stat			I AMs_20	I AMs_20	23 45 04.2	
N52A	McGinn's Farms	28.56	7	P	P	23 33 41.9	+1.1
N51A	Ashland	28.59	6	P	P	23 33 41.4	+0.4
N51A	Ashland	28.59	6	I Amb	I Amb	23 33 52.0	
N53A	Lisbon	28.67	9	P	P	23 33 43.3	+1.6
N53A	Lisbon	28.67	9	I Amb	I Amb	23 33 50.5	
N53A	Lisbon			I AMs_20	I AMs_20	23 45 12.1	
O57A	Ameson	28.71	14	P	P	23 33 43.3	+1.2
O58A	Lewisberry	28.80	15	P	P	23 33 45.0	+2.1
M47A	Cromwell	28.82	1	P	P	23 33 43.2	+0.2
CBK5	Cedar Bluff	28.85	338	P	P	23 33 43.2	-0.2
CBK5	Cedar Bluff	28.85	338	I Amb	I Amb	23 33 51.1	
P60A	Greenville	28.86	17	P	P	23 33 44.6	+1.3
P60A	Greenville	28.86	17	P	P	23 33 44.7	+1.3
P60A	Greenville			I Amb	I Amb	23 33 56.1	

M44A	Midewin, Midew	28.88	357	I Amb	I Amb	23 33 52.1	
N38A	Joel South For	28					

HIN	Hinchinbrook I	64.73	332	IAMS_20	IAMS_20	00 07 30.9
FID	Port Fidalgo	64.84	332	IAMB	IAMB	23 38 31.2
HARP	comp=Z,11um,19.0s	64.86	334	IAMS_20	IAMS_20	00 11 52.3
SCRK	Sand Creek	65.00	336	IAMB	IAMB	23 38 32.5
SCM	Sheep Creek Mo	65.60	333	IAMS_20	IAMS_20	00 08 27.1
PZO	Porto Moniz, M	65.90	60	eS	S	23 47 29.3 +11
PMOZ	comp=Z,7um,18.0s			eLQ	LQ	23 55 05.2
PMOZ	comp=Z,7um,18.0s			eLR	LR	23 58 39.0
KNK	Knik Glacier	65.97	332	IAMB	IAMB	23 38 38.5
SML	Sawmill	66.04	333	IAMB	IAMB	23 38 38.4
SML	comp=Z,73nm,1.3s			IAMS_20	IAMS_20	00 11 32.7
DHY	Denali Highway	66.06	334	IAMS_20	IAMS_20	00 09 20.2
PMAR	Madeira	66.13	60	eP	P	23 38 38.6 +5.8
PRP	Porcupine Dome	66.24	337	IAMB	IAMB	23 38 39.9
GHO	Glory Hole Cre	66.30	333	IAMB	IAMB	23 38 42.1
GHO	comp=Z,64nm,0.8s			IAMS_20	IAMS_20	00 10 28.8
SUMG	Summit	66.33	14	iP	P	23 38 33.2 -0.4
SUMG	comp=Z,552nm,1.0s			iP	P	23 38 33.2 -0.4
SUMG	comp=Z,552nm,1.0s			pmax		
HDA	Harding Lake	66.37	336	P	P	23 38 31.5 -1.9
RC01	Rabbit Creek A	66.45	332	IAMB	IAMB	23 38 41.0
RC01	comp=Z,93nm,1.0s			IAMS_20	IAMS_20	00 10 25.7
ILAR	Eielson Array	66.48	336	P	P	23 38 33.2 -0.9
ILAR	comp=Z,44nm,1.1s,baz=110,slow=4.7,SNR=98			LR	LR	00 12 46.9
ILAR	Eielson Array	66.48	336	P	P	23 38 32.2 -1.9
ILAR	Eielson Array	66.48	336	P	P	23 38 32.2 -1.9
POHA	Pohakuloa	66.51	286	IAMS_20	IAMS_20	00 00 33.6
FYU	Fort Yukon	66.55	338	IAMS_20	IAMS_20	00 10 12.2
MLOA	Maura Lu Obse	66.57	286	IAMS_20	IAMS_20	00 03 26.2
BRLK	Bradley Lake	66.61	330	IAMB	IAMB	23 38 42.7
BRLK	comp=Z,123nm,1.2s			IAMS_20	IAMS_20	00 06 19.9
PMP5	Porto Santo	66.62	59	eP	P	23 38 39.4 +3.7
PMP5T	Porto Santo, M	66.62	59	eP	P	23 38 32.8 -2.9
KHU	Kahuku	66.64	286	IAMS_20	IAMS_20	00 01 10.9
HPAH	Hawaii Prepara	66.64	287	P	P	23 38 39.2 +3.2
HPAH	comp=Z,10um,22.0s			IAMS_20	IAMS_20	00 00 47.0
BMAR	Burnt Mountain	66.69	339	P	P	23 38 33.5 -2.0
CNPM	China Pool	66.72	330	IAMB	IAMB	23 38 43.3
CNPM	comp=Z,60nm,1.2s			IAMS_20	IAMS_20	00 09 54.5
CCB	Clear Creek Bu	66.80	336	IAMB	IAMB	23 38 46.1
POKR	Poker Flat Res	66.82	336	P	P	23 38 35.6 -0.8
WRH	Wood River Hill	66.85	335	IAMS_20	IAMS_20	00 11 26.9
KHLU	Kahului	66.86	286	IAMS_20	IAMS_20	00 00 42.9
COLA	College	66.90	336	P	P	23 38 37.8 +1.0
COLA	comp=Z,67nm,1.1s			MLR	MLR	
COLA	College	66.90	336	P	P	23 38 37.8 +1.0
COLA	comp=Z,67nm,1.1s			IAMB	IAMB	23 38 48.6
TCOL	CIGO, UAF Yank	66.90	336	P	P	23 38 36.2 -0.6
MCK	McKinley	66.95	335	IAMS_20	IAMS_20	00 10 06.2
HOM	Home	66.95	330	IAMS_20	IAMS_20	00 06 25.8
KDAK	Kodiak Island	66.96	328	P	P	23 38 37.1 -0.2
KDAK	comp=Z,13nm,0.9s,baz=84,slow=7.6,SNR=7.5			pmax	pmax	23 38 38.5 +1.2
KDAK	Kodiak Island	66.96	328	P	P	23 38 38.5 +1.2
KDAK	comp=Z,35nm,1.1s			MLR	MLR	
KDAK	comp=Z,9um,21.0s			MLR	MLR	
KDAK	Kodiak Island	66.96	328	P	P	23 38 38.5 +1.2
KDAK	Kodiak Island	66.96	328	P	P	00 10 22.9
SUA	Susitna One	67.03	332	IAMB	IAMB	23 38 57.7
SUA	comp=Z,69nm,1.2s			IAMS_20	IAMS_20	00 12 19.9
MDM	Murphy Dome	67.08	336	IAMB	IAMB	23 38 45.5
MDM	comp=Z,14um,20.0s			IAMS_20	IAMS_20	00 11 06.1
KHLH	Kahului Airpor	67.24	288	IAMS_20	IAMS_20	00 01 25.9
NEA	Nenana	67.29	335	IAMB	IAMB	23 38 46.0
NEA	comp=Z,88nm,1.1s			IAMS_20	IAMS_20	00 11 40.6
BWN	Browne	67.31	335	IAMS_20	IAMS_20	00 10 34.0
KTH	Kantish Hill	67.73	334	IAMB	IAMB	23 38 48.8
KTH	comp=Z,59nm,1.0s			IAMS_20	IAMS_20	00 10 48.3
BPAW	Bear Paw Mtn	67.92	335	IAMB	IAMB	23 38 50.1
BPAW	comp=Z,109nm,1.1s			IAMS_20	IAMS_20	00 10 36.4
PPLA	Purkeypile	68.09	333	IAMB	IAMB	23 38 51.2
PPLA	comp=Z,79nm,1.2s			IAMS_20	IAMS_20	00 11 18.8
MLY	Manley	68.11	336	IAMS_20	IAMS_20	00 10 53.2
BORG	Borgarnes	68.26	25	P	P	23 38 50.0 +4.6
BORG	comp=Z,46nm,0.9s,baz=247,slow=5.9,SNR=6.1			LR	LR	00 06 49.1
BORG	Borgarnes	68.26	25	P	P	23 38 47.8 +2.4
BORG	comp=Z,91nm,1.1s			P	P	23 38 47.8 +2.4
BORG	Borgarnes	68.26	25	P	P	23 38 53.6
BORG	comp=Z,91nm,1.1s			IAMS_20	IAMS_20	00 06 39.8
COLD	Coldfoot	68.62	338	IAMB	IAMB	23 38 56.6
TOLK	Toolik Lake Re	68.89	339	P	P	23 38 47.7 -1.7
TOLK	Toolik Lake Re	68.89	339	P	P	23 38 57.4
PPTF	Pamatai, Papee	69.19	246	IAMS_20	IAMS_20	00 01 03.3
PPT	Papeete	69.19	246	LR	LR	00 01 12.7
PPT2	Papeete	69.20	246	eS	S	23 47 56.0 -2.3
PPT2	comp=Z,5um,24.5s			eLQ	LQ	23 56 56.6
PPT2	comp=Z,10um,29.0s			eLR	LR	23 59 47.7
IMAR	Indian Mountain	69.59	336	P	P	23 38 52.7 -1.0
CHGN	Chignik	69.81	326	IAMB	IAMB	23 39 02.3
CNBA	Chernozemskoi	70.29	324	IAMS_20	IAMS_20	00 08 22.1
TBI	Tubuai	71.25	240	eS	S	23 48 21.0 -1.0

TBI	comp=Z,4um,35.8s			eLQ	LQ	23 57 48.3
TBI	comp=Z,25um,26.5s,baz=65			eLR	LR	00 00 49.2
LIS	Lisbon	72.37	53	eS	S	23 48 35.8 +1.1
LIS	comp=Z,13um,19.8s			AMS	AMS	00 09 02.2
FALS	False Pass	72.50	324	IAMS_20	IAMS_20	00 11 57.5
PSBE	So Bento	72.62	52	eP	P	23 39 13.4 +0.8
PFVI	Vila Bisbo	72.69	55	eP	P	23 39 13.9 +0.9
PFVI	comp=Z,175nm,1.9s			IAMS_20	IAMS_20	00 09 47.5
PTEO	Sao Teotonio	72.75	54	eP	P	23 39 14.6 +1.2
MORF	Marletele	72.82	55	eP	P	23 39 14.5 +0.5
MORF	comp=Z,11um,14.3s			AMS	AMS	23 48 40.9 +0.8
MORF	Marletele	72.82	55	eP	P	23 39 14.7 +0.8
MORF	comp=Z,189nm,1.3s			eS	S	23 39 14.7 +0.8
MORF	Marletele	72.82	55	eP	P	23 39 14.7 +0.8
PCAS	Casmilo, Conde	72.83	52	eP	P	23 39 14.5 +0.7
PNCL	Nicolau / Gran	72.88	54	eP	P	23 39 15.9 +1.7
COI	Coimbra	72.89	52	eP	P	23 39 15.2 +1.0
PTOM	Tomar	72.92	52	eP	P	23 39 15.0 +0.7
DAG	Danmarks Havn	72.92	13	iP	P	23 39 12.4 -1.3
DAG	Danmarks Havn	72.92	13	iP	P	23 39 12.4 -1.3
PGAV	Gaveira, Arco	72.95	50	eP	P	23 39 18.1 +3.5
PGAV	comp=Z,155nm,1.8s			eS	S	23 48 42.6 +1.3
PGAV	comp=Z,7um,20.0s			eLQ	LQ	23 57 46.5
PGAV	comp=Z,7um,20.0s			eLR	LR	23 59 54.2
PMTG	Montargil	73.08	53	eP	P	23 39 15.6 +0.3
PCAB	Cabril	73.14	50	eP	P	23 39 19.3 +3.6
MESJ	Messejana	73.14	54	eP	P	23 39 16.2 +0.5
MESJ	comp=Z,126nm,1.5s			eS	S	23 48 44.5 +1.1
MESJ	Messejana	73.14	54	eP	P	23 39 16.2 +0.5
MESJ	comp=Z,8um,18.9s			AMS	AMS	00 09 45.5
MESJ	Messejana	73.14	54	eP	P	23 39 16.2 +0.5
MESJ	comp=Z,59nm,1.2s			eS	S	23 48 44.5 +1.1
MESJ	Messejana	73.14	54	eP	P	23 39 16.2 +0.5
PVIS	Viseu	73.27	51	eP	P	23 39 17.1 +0.6
PCVE	Castro Verde	73.29	54	eP	P	23 39 17.3 +0.7
PCVE	comp=Z,75nm,1.8s			AMS	AMS	23 48 44.5 +1.1
PVRL	Vila Real	73.38	50	eP	P	23 39 17.4 +0.3
PBDV	Barranco-do-ve	73.40	55	eP	P	23 39 18.2 +0.9
PBDV	comp=Z,134nm,1.6s			eS	S	23 39 18.2 +0.9
PBEJ	Seja	73.41	54	eP	P	23 39 17.8 +0.5
PBEJ	comp=Z,84nm,1.8s			eS	S	23 48 48.0 -0.2
RDOG	Red Dog Mine	73.53	338	IAMB	IAMB	23 39 25.1
RDOG	comp=Z,99nm,1.2s			eS	S	23 48 48.0 -0.2
MTE	Manteigas	73.55	51	eP	P	23 39 18.3 +0.1
MTE	comp=Z,161nm,1.3s			eLQ	LQ	23 58 20.6
MTE	Manteigas	73.55	51	eP	P	23 39 18.3 +0.1
MTE	comp=Z,13um,18.0s			eLR	LR	00 03 47.8
PVAQ	Vaqueiros	73.56	54	eP	P	23 39 18.9 +0.7
PVAQ	comp=Z,129nm,1.5s			eS	S	23 58 41.5
PVAQ	Vaqueiros	73.56	54	eP	P	23 39 18.9 +0.7
PVAQ	comp=Z,13um,18.0s			eLQ	LQ	00 02 21.2
PVAQ	Vaqueiros	73.56	54	eP	P	23 39 18.9 +0.7
PVAQ	comp=Z,13um,19.0s			eLR	LR	00 02 21.2
PESTR	Estremoz	73.58	53	IAMS_20	IAMS_20	00 09 15.0
PCBR	Castelo Branco	73.62	52	eP	P	23 39 18.8 +0.3
PCBR	comp=Z,162nm,1.6s			eP	P	23 39 19.1 0.0
PMRV	Marv??o	73.71	52	eP	P	23 39 19.1 0.0
PMRV	comp=Z,115nm,1.8s			eS	S	23 48 50.8 +0.9
PMRV	Marv??o	73.71	52	eP	P	23 39 19.1 0.0
PMRV	comp=Z,11um,20.0s			eLR	LR	00 02 28.2
MVO	Morroco	73.91	51	eP	P	23 39 20.5 +0.3
MVO	comp=Z,167nm,1.3s			eS	S	23 48 55.6 +3.4
MVO	Morroco	73.91	51	eP	P	23 39 20.5 +0.3
MVO	comp=Z,167nm,1.3s			eLQ	LQ	23 58 41.9
MVO	Morroco	73.91	51	eP	P	23 39 20.5 +0.3
MVO	comp=Z,167nm,1.3s			eLR	LR	00 04 53.0
AVE	Averroes	74.09	59	eP	P	23 39 21.7 +0.3
AVE	comp=Z,16nm,0.9s,baz=280,slow=6.4,SNR=7.0			eS	S	23 49 08.8 +1.4
PBRG	Braganca	74.09	50	eP	P	23 39 21.8 +0.5
PBRG	comp=Z,184nm,1.6s			IAMS_20	IAMS_20	00 12 46.2
DSB	Carnelles	74.13	38	IAMS_20	IAMS_20	00 13 08.0
DSB	comp=Z,7um,20.0s			IAMS_20	IAMS_20	00 12 17.4
ANM	Nome	74.15	334	IAMS_20	IAMS_20	00 13 08.0
KPL	Plockton	74.60	34	IAMS_20	IAMS_20	00 12 17.4
KAC	Achnashehall	74.79	34	eP	P	23 39 23.7 -1.3
SFS	San Fernando	74.83	55	eP	P	23 39 31.9 +6.3
SFS	comp=Z,8um,16.7s			eP	P	23 49 25.7 +2.3
NOR	Nord	74.84	8	iP	P	23 39 24.6 -0.2
NOR	comp=Z,253nm,1.7s			iP	P	23 39 24.6 -0.2
NOR	Nord	74.84	8	iP	P	23 39 24.6 -0.2
NOR	comp=Z,250nm,1.7s			pmax	pmax	
CCA1	Carmenelles	74.87	41	IAMS_20	IAMS_20	00 12 14.5
GAL1	Galloway	75.11	36	eP	P	23 39 25.6 -1.3
GAL1	comp=Z,90nm,1.2s			IAMB	IAMB	23 39 32.9
GAL1	Galloway	75.11	36	eP	P	23 39 25.6 -1.3
GAL1	comp=Z,9um,20.4s			IAMS_20	IAMS_20	00 07 50.5
RSSB	Rosebush, Pemb	75.14	39	eP	P	23 39 24.5 -2.6
RSSB	comp=Z,205nm,1.9s			IAMB	IAMB	23 39 32.2
RSSB	Rosebush, Pemb	75.14	39	eP	P	23 39 24.5 -2.6
RSSB	comp=Z,13um,18.9s			IAMS_20	IAMS_20	00 08 26.6
WIM	Wilmot	75.17	37	eP	P	23 39 26.2 -0.8
IOMK	Kirk Michael	75.21	37	eP	P	23

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OJC, Ojcow, Ostrava-Krasne, etc.

SNET 10 23:53:58.6.0.6, 12°08'N, 86°40'W, h35km, 99gkm, ML3.7
UCR 10 23:53:58.6.0.6, 12°05'N, 86°42'W, h35km, 99gkm, ML3.6

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

IASPEI 11 00:01:22.4.0.7, 13°27'N, 86°45'W, h2km, 3km, ML5.0, GTS
selection from ISC bulletin GTS identified by Bondr and McLaughlin (2009)

INET 11 00:01:22.4.0.7, 13°27'N, 86°45'W, h2km, ML5.0
SNET 11 00:01:22.7.1.3, 12°41'N, 86°50'W, h0km, 13km, ML4.9
NEIC 11 00:01:23.6.1.5, 12°11'N, 86°46'W, h11km, Moment Tensor

NEIC 11 00:01:23.6.1.5, 12°11'N, 86°46'W, h11km, 5km,
m=5.1/416, Mw=3.10, Mw=5.4(GCMT) Error ellipse:
s-maj=13.4km s-min=8.3km az=210.0

UCR 11 00:01:24.7.2.2, 12°27'N, 86°62'W, h10km, ML4.7,
m=5.3(NEIC)

GCG 11 00:01:24.9.2.1, 11°36'N, 86°84'W, h10km, MD5.1
IDC 11 00:01:25.7.1.7, 13°23'N, 85°99'W, h0km, mb4.3/12,
mb1.4/6/16, mb1mx4.5/39, mbmp4.4/16, ML3.2/4, MSS.1/7,
Ms1.5/17, ms1mx4.6/41, Error ellipse: s-maj=50.0km
s-min=18.4km az=23.0

GCMT 11 00:01:29.6.0.3, 12°45'N, 02°86'48'W, 0.02, h02km, 14km,
MW5.3/98, Moment Tensor Solution. s15,c18; s98,c18;
Duration: 1s2 Moment tensor: Scale 10^17N;
Mn=0.21±.07; Mw=1.20±.05; Ms=1.41±.06; Mo=23±.10;
Mw=0.15±.04; Mw=0.06±.11; Best double couple:
M1=34000±10^17 Np1=312.00000°, 800.00000°,
1-172.00000°. Principal axes: T=1.6221, Plg13.0000°,
1-10.00000°. Principal axes: T=1.4220, Plg2.0000°,
Az=267.00000°. N=0.1620, Plg77.0000°, Az=5.00000°; P
-1.2590, Plg12.0000°, Az=177.00000°; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

NEIC 11 00:01:31, 12°52'N, 86°37'W, h19km, Moment Tensor
Solution. Moment tensor: Scale 10^17N; Mn=0.11;
Mw=1.44; Mw=1.55; Mw=0.10; Mw=0.25; Mo=0.41; Fault
plane solution: M1=58000±10^17 Np1=34.100000°,
585.00000°, 13.00000°. Principal axes: T=1.6221, Plg13.0000°,
1.175.00000°. Principal axes: T=1.6221, Plg13.0000°,
Az=266.00000°. N=0.1864, Plg76.0000°, Az=60.00000°; P
-1.4756, Plg6.0000°, Az=174.00000°

ISC 11 00:01:24.1.0.3, 12°19'N, 00°56'45'W, 0.04, h10km, m780,
i=1848/710, mb5.1/226, 1C-3D, Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACON, Acopyapa, BGIN, Borinquen Arri, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNET, Serv Nac Est T, ESCUELA GEOLOG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Y49A, Blount Mountain, NHSC, New Hope, etc.

T49A	Edmonton	24.82	2	P	P	00 06 47.5 +1.0
T49A	Edmonton	24.82	2	P	P	00 06 47.7 +1.1
V60A	Jim Taylor Roa	24.90	18	P	P	00 06 48.0 +0.7
V60A	Jim Taylor Roa	24.90	18	P	P	00 06 47.8 +0.6
T53A	Wise	24.93	7	P	P	00 06 48.2 +0.5
U57A	Blanch	24.97	14	P	P	00 06 47.5 -0.4
T52A	Hallie	25.00	7	P	P	00 06 48.0 -0.2
T52A	Hallie	25.00	7	P	P	00 06 54.5
TUL1	Leonard	25.08	342	P	P	00 06 47.8 -1.1
TUL1	Leonard	25.08	342	P	P	00 06 51.6
T42A	Van Buren	25.08	351	P	P	00 06 47.7 -1.2
WMOK	Wichita Mounta	25.09	335	P	P	00 06 48.4 -0.6
WMOK	Wichita Mounta	25.09	335	P	P	00 06 47.6 -1.4
U58A	Oxford	25.13	15	P	P	00 06 49.8 +0.5
T54A	Tazewell	25.15	9	P	P	00 06 50.1 +0.5
OKCFA	Oklahoma City	25.18	339	P	P	00 06 49.9 +0.1
U38A	Gravette	25.18	345	P	P	00 07 23.4
U59A	Littleton	25.29	17	P	P	00 06 51.6 +0.8
U59A	Littleton	25.29	17	P	P	00 06 51.7 +0.9
T55A	Pulaski	25.34	11	P	P	00 06 52.1 +0.8
T56A	Rocky Mt	25.39	12	P	P	00 06 52.0 +0.2
S50A	Richmond	25.45	4	P	P	00 06 53.8 +1.6
S51A	Beattyville	25.47	5	P	P	00 06 53.4 +1.0
BLA	Blacksburg	25.49	11	P	P	00 06 52.9 +0.2
BLA	Blacksburg	25.49	11	P	P	00 06 53.4 +0.7
S49A	Springfield	25.51	2	P	P	00 06 53.8 +1.0
S44A	Carbondale	25.52	355	P	P	00 06 52.5 -0.3
S44A	Carbondale	25.52	355	P	P	00 07 21.9
LPIG	La Paz	25.53	301	LR	LR	00 16 31.0
T57A	Hurt	25.53	13	P	P	00 06 53.5 +0.5
T57A	Hurt	25.53	13	P	P	00 07 00.4
SIUC	Southern Illin	25.54	355	P	P	00 06 52.9 -0.1
SIUC	Southern Illin	25.54	355	P	P	00 06 57.6
U60A	Pendleton	25.58	18	P	P	00 06 53.9 +0.5
T58A	Grand View Acr	25.65	15	P	P	00 06 54.6 +0.5
S53A	Williamson	25.68	8	P	P	00 06 55.2 +0.9
USIN	University of N	25.69	358	P	P	00 06 55.0 +0.6
NNA	Nana	25.85	158	P	P	00 06 55.0 -1.1
S54A	Dingess, Beckl	25.91	9	P	P	00 06 57.0 +0.5
S54A	Dingess, Beckl	25.91	9	P	P	00 06 56.9 +0.3
FVM	French Village	25.93	353	P	P	00 06 56.7 +0.1
FVM	French Village	25.93	353	P	P	00 07 41.2
WCI	Wyandotte Cave	25.93	0	P	P	00 06 56.4 -0.2
WCI	Wyandotte Cave	25.93	0	P	P	00 06 55.7 -0.9
WCI	Wyandotte Cave	25.93	0	P	P	00 07 04.9
T59A	Double "B" Far	25.94	16	P	P	00 06 56.8 +0.2
T59A	Double "B" Far	25.94	16	P	P	00 06 56.6 -0.1
T59A	Double "B" Far	25.94	16	P	P	00 07 04.1
R49A	Shelbyville	26.02	2	P	P	00 06 58.1 +0.7
S55A	Lewisburg	26.02	11	P	P	00 06 57.4 -0.1
R50A	Paris	26.05	4	P	P	00 06 58.1 +0.4
MNTX	Cornudas Mount	26.09	321	P	P	00 06 56.5 -1.7
MNTX	Cornudas Mount	26.09	321	P	P	00 07 01.4
CCM	Cathedral Cave	26.11	351	P	P	00 06 56.9 -1.3
CCM	Cathedral Cave	26.11	351	P	P	00 06 57.1 -1.1
CCM	Cathedral Cave	26.11	351	P	P	00 07 02.7
RS1A	Hillsboro	26.12	5	P	P	00 06 57.8 -0.5
T35A	Sooner Cattle	26.23	342	P	P	00 06 59.7 +0.4
T35A	Sooner Cattle	26.23	342	P	P	00 07 02.0
MSTX	Muleshoe	26.29	328	P	P	00 06 58.7 -1.4
MSTX	Muleshoe	26.29	328	P	P	00 07 01.6
T60A	Surry	26.33	18	P	P	00 07 00.8 +0.6
T60A	Surry	26.33	18	P	P	00 07 17.2
S57A	Dark Hollow, R	26.33	13	P	P	00 07 00.8 +0.5
S57A	Dark Hollow, R	26.33	13	P	P	00 07 00.3 +0.1
R54A	Victor	26.34	10	P	P	00 06 58.9 -1.5
R53A	Hurricane	26.34	8	P	P	00 07 00.3 0.0
R53A	Hurricane	26.34	8	P	P	00 07 00.3 0.0
S58A	Poland Farm, P	26.41	15	P	P	00 07 01.7 +0.8
S58A	Poland Farm, P	26.41	15	P	P	00 07 01.9 +1.0
OLIL	Olney	26.47	357	P	P	00 07 00.6 -0.9
OLIL	Olney	26.47	357	P	P	00 07 58.2
AMTX	Amarillo	26.48	331	P	P	00 07 00.2 -1.6
R40A	Maddies Statio	26.50	350	P	P	00 07 04.7
SLM	Saint Louis	26.55	353	P	P	00 07 02.0 -0.2
SLM	Saint Louis	26.55	353	P	P	00 07 09.3
R55A	Marlington	26.59	11	P	P	00 07 02.5 -0.1
U32A	Winter Ranch	26.61	337	P	P	00 07 05.3
Q44A	Meyer Farm, Va	26.70	356	P	P	00 07 03.4 -0.2
Q44A	Meyer Farm, Va	26.70	356	P	P	00 07 11.8
Q49A	Aurora	26.74	3	P	P	00 07 04.9 +1.0
R58B	Mineral	26.78	15	P	P	00 07 05.7 +1.4
R58B	Mineral	26.78	15	P	P	00 07 04.7 +0.4
Q51A	Peebles	26.87	5	P	P	00 07 05.1 +0.1
BLO	Bloomington	26.87	360	P	P	00 07 05.5 +0.4
BLO	Bloomington	26.87	360	P	P	00 07 09.9
Q53A	Leroy	26.92	9	P	P	00 07 06.4 +0.9
Q52A	Bidwell	26.92	7	P	P	00 07 06.2 +0.7
R57A	Stanardsville	26.94	14	P	P	00 07 05.7 -0.1
R58A	Rapidan	27.07	15	P	P	00 07 08.0 +1.1
CBN	Corbin Frederi	27.14	16	P	P	00 07 09.0 +1.5
CBN	Corbin Frederi	27.14	16	P	P	00 07 14.8
Q54A	Coxs Mills	27.14	10	P	P	00 07 09.1 +1.5

Q54A	Coxs Mills	27.14	10	Iamb	Iamb	00 07 15.2
P48A	Milroy	27.17	2	P	P	00 07 08.5 +0.7
P48A	Milroy	27.17	2	P	P	00 07 08.2 +0.4
P48A	Milroy	27.17	2	P	P	00 07 12.4
R59A	King George, V	27.21	16	P	P	00 07 09.8 +1.7
P49A	Miami Univ. Ec	27.27	3	P	P	00 07 09.7 +1.0
Q55A	Buckhannon	27.29	11	P	P	00 07 10.3 +1.4
P46A	Reedale	27.32	359	P	P	00 07 09.3 +0.1
P51A	Williamsport	27.34	6	P	P	00 07 10.6 +1.3
P51A	Williamsport	27.34	6	P	P	00 07 09.9 +0.6
P51A	Williamsport	27.34	6	P	P	00 07 15.5
P50A	Jamestown	27.41	4	P	P	00 07 11.2 +1.3
P43A	Skaggs, Pawnee	27.47	355	P	P	00 07 10.6 +0.1
Q56A	Snyder Ridge,	27.51	12	P	P	00 07 12.3 +1.4
Q56A	Snyder Ridge,	27.51	12	P	P	00 07 19.4
P53A	Whipple	27.55	8	P	P	00 07 13.4 +2.1
P53A	Whipple	27.55	8	P	P	00 07 11.4 +0.2
P53A	Whipple	27.55	8	P	P	00 07 16.3
P52A	Corning	27.60	7	P	P	00 07 12.9 +1.3
Q57A	Strasburg	27.67	14	P	P	00 07 14.0 +1.7
P40A	Paris	27.68	351	P	P	00 07 12.0 -0.3
P40A	Paris	27.68	351	P	P	00 07 15.1
Q58A	Fox Den Farm,	27.76	15	P	P	00 07 14.2 +1.1
P54A	Burton	27.81	10	P	P	00 07 15.3 +1.8
P55A	Reedsville	27.83	11	P	P	00 07 16.1 +2.4
Q44A	Mansfield	27.91	357	P	P	00 07 15.5 +1.1
Q49A	Covington	27.95	3	P	P	00 07 16.3 +1.6
Q49A	Covington	27.95	3	P	P	00 07 15.2 +0.4
Q49A	Covington	27.95	3	P	P	00 07 20.8
O50A	Cable	27.96	5	P	P	00 07 16.1 +1.3
MCWV	Mont Chateau	27.97	11	P	P	00 07 16.2 +1.2
MCWV	Mont Chateau	27.97	11	P	P	00 07 15.3 +0.3
Q48A	Farmland	27.98	2	P	P	00 07 16.3 +1.3
P56A	Dayton Farm, R	28.03	13	P	P	00 07 17.2 +1.8
P38A	Dawn	28.03	348	P	P	00 07 18.8
O51A	Pataskala	28.05	6	P	P	00 07 17.5 +1.9
SFIN	Lafayette	28.08	359	P	P	00 07 17.3 +1.4
SFIN	Lafayette	28.08	359	P	P	00 07 15.5 -0.4
SFIN	Lafayette	28.08	359	P	P	00 08 00.9
ACSO	Alum Creek Sta	28.10	6	P	P	00 07 16.4 +0.4
ACSO	Alum Creek Sta	28.10	6	P	P	00 07 16.8 +0.7
ACSO	Alum Creek Sta	28.10	6	P	P	00 07 22.8
O52A	Adamsville	28.11	8	P	P	00 07 17.4 +1.2
O52A	Adamsville	28.11	8	P	P	00 07 17.2 +1.0
O52A	Adamsville	28.11	8	P	P	00 07 23.1
121A	Cookes Peak, D	28.16	319	P	P	00 07 17.7 +0.8
121A	Cookes Peak, D	28.16	319	P	P	00 07 16.4 -0.6
121A	Cookes Peak, D	28.16	319	P	P	00 07 24.5
P57A	Homestead Farm	28.19	14	P	P	00 07 17.5 +0.6
P57A	Homestead Farm	28.19	14	P	P	00 07 17.0 0.0
P57A	Homestead Farm	28.19	14	P	P	00 07 25.2
KSU1	Kansas State U	28.28	343	P	P	00 07 18.8 +1.0
HSIG	Long Quarter,	28.30	310	P	P	00 07 17.5 -0.5
R32A	New Philadelphia	28.32	339	P	P	00 07 17.1 -1.1
O53A	Hopedale	28.33	8	P	P	00 07 18.8 +0.6
HDIL	Hopedale	28.36	355	P	P	00 07 20.1 +1.7
HDIL	Hopedale	28.36	355	P	P	00 07 18.1 -0.3
HDIL	Hopedale	28.36	355	P	P	00 07 22.7
P58A	Pank, Wackersv	28.37	15	P	P	00 07 19.9 +1.4
O54A	Avella	28.39	10	P	P	00 07 20.2 +1.5
O54A	Avella	28.39	10	P	P	00 07 17.8 -0.9
SDMD	Soldier's Deli	28.41	16	P	P	00 07 20.1 +0.1
319A	Douglas	28.42	316	P	P	00 07 17.8 -1.4
N48A	Decatur	28.58	2	P	P	00 07 21.4 +1.0
N47A	Urbana	28.58	1	P	P	00 07 21.1 +0.7
N47A	Urbana	28.58	1	P	P	00 07 20.0 -0.4
O55A	Ligonier	28.61	11	P	P	00 07 21.5 +0.9
N50A	Nevada	28.61	5	P	P	00 07 22.3 +1.6
N41A	Harden Midland	28.67	353	P	P	00 07 21.9 +0.8
N41A	Harden Midland	28.67	353	P	P	00 07 24.8
N						

J56A	Wolcott baz=198	32.06	13	P	P	00 07 54.4 +3.3	FRNY	Flat Rock baz=198	34.34	16	P	P	00 08 11.9 +0.8	LAO	LASA Array baz=148	38.22	338	P	P	00 08 46.0 +1.7		
J56A	Wolcott	32.06	13	P	P	00 07 52.0 +0.8	H60A	Morristown baz=204	34.35	18	P	P	00 08 13.0 +1.9	LAO	LASA Array comp=Z,27nm,1.1s	38.22	338	I	Amb	00 08 46.7		
K59A	Cooperstown baz=202	32.09	16	P	P	00 07 53.4 +2.0	ALGO	Lockeey baz=182	34.37	5	P	P	00 08 12.2 +1.0	NVAR	Array Bea comp=Z,2.6nm,0.8s,baz=132,slow=8.3,SNR=14	38.54	318	P	P	00 08 45.7 -1.6		
K31A	O'Neill Idaho Springs baz=143,SNR=5.8	32.15	343	P	P	00 07 53.0 +1.0	E48A	Algonquin Park baz=195,SNR=5.3	34.40	10	P	P	00 08 11.5 0.0	NVAR	LR			LR	LR	00 25 36.7		
ISCO	Idaho Springs	32.30	332	P	P	00 07 53.3 -0.3	LCMT	Little Creek M baz=202	34.47	320	P	P	00 08 12.1 -0.4	NVAR	Mina Array Bea comp=Z,49nm,1.5s	38.54	318	P	P	00 08 44.8 -2.5		
ISCO	Idaho Springs	32.30	332	P	P	00 07 57.6 -0.3	G16A	Castle Valley baz=202	34.50	325	P	P	00 08 12.3 -0.5	YMR	Lac du Bonnet comp=Z,1.3nm,1.0s,baz=177,slow=10,SNR=7.0	38.58	332	P	P	00 08 46.5 -1.0		
WUAZ	Wupatki baz=130	32.36	320	P	P	00 07 56.0 +2.0	G58A	Crater Lake baz=202	34.51	36	P	P	00 08 14.1 +1.7	ULM	Lac du Bonnet baz=152	38.73	350	P	P	00 08 43.5 -4.8		
TRY	Troy	32.39	18	P	P	00 07 54.7 +0.7	H61A	Lyndonville baz=206	34.55	18	P	P	00 08 14.2 +1.3	ULM	Lac du Bonnet comp=Z,33nm,1.2s	38.74	332	P	P	00 08 47.9 -0.4		
TRY	Troy	32.39	18	P	P	00 07 54.7 +0.7	I63A	Ottfield baz=208	34.56	20	P	P	00 08 15.4 +2.5	ULM	Lac du Bonnet	38.73	350	P	P	00 08 50.2		
J57A	Williamstown baz=199	32.39	14	P	P	00 07 56.7 +2.7	F33A	5 Mile Ranch, comp=Z,1.9nm,0.9s	34.56	348	I	Amb	I	Amb	00 08 15.0 0.0	YHB	Horse Butte baz=122	38.79	318	P	P	00 08 47.8 -1.1
J57A	Williamstown	32.39	14	P	P	00 07 54.4 +0.4	BELC	Belle Mtn. Jos baz=192	34.57	314	P	P	00 08 14.8 +1.5	RYN	Ryan	38.79	318	P	P	00 08 48.5 -0.8		
J57A	Williamstown	32.39	14	P	P	00 07 58.4	F55A	Otter Lake baz=198,SNR=6.0	34.61	12	P	P	00 08 15.1 +1.8	QLMT	Earthquake Lak baz=152	38.91	331	P	P	00 08 50.3 0.0		
L61B	Northampton baz=206	32.44	19	P	P	00 07 56.7 +2.2	E52A	Mattawa baz=193	34.62	10	P	P	00 08 14.3 +0.9	BATG	Bathurst New B baz=152	38.95	22	P	P	00 08 51.0 +0.7		
PV01	Paradox Valley comp=Z,45nm,1.9s	32.51	326	I	Amb	00 08 00.9	PXFO	Pion Flat baz=192	34.69	313	P	P	00 08 12.9 -1.5	DGMT	Dagmar baz=152	39.07	341	P	P	00 08 51.9 +0.6		
J58A	Remsen baz=200	32.52	15	P	P	00 07 56.9 +1.7	PFO	Pinyon Flats O E51A	G1948 Merrick baz=192	34.70	313	P	P	00 08 13.1 -1.4	PNTR	Pine Nut baz=152	39.75	318	P	P	00 08 57.7 +0.3	
J58A	Remsen	32.52	15	P	P	00 07 55.0 -0.2	TMUT	Trail Mountain D41A	Chappel D47A	34.73	325	P	P	00 08 15.4 +0.1	DLMT	Dillon comp=Z,49nm,1.5s	39.86	331	I	Amb	00 09 02.2	
PV15	Paradox Valley comp=Z,30nm,1.2s	32.61	327	P	P	00 07 56.7 +0.3	E53A	Dumoine, Ponti baz=195	34.88	11	P	P	00 08 15.3 +0.4	PAHR	Parham Range baz=152	39.95	319	P	P	00 08 59.1 +0.1		
PV15	Paradox Valley	32.61	327	P	P	00 08 00.7	E50A	Masonville baz=204	34.94	18	P	P	00 08 17.7 +2.1	MFID	Camas Ranch comp=Z,61nm,1.9s	40.13	326	I	Amb	00 09 05.3		
ECSD	EROS Data Cent baz=161,SNR=10	32.63	346	P	P	00 07 56.6 +0.4	K22A	Casper baz=144	35.00	334	P	P	00 08 18.3 +2.7	WVOR	Wild Horse Val comp=Z,22m,2.0s	41.09	323	I	Amb	00 09 13.7		
ECSD	EROS Data Cent	32.63	346	I	Amb	00 07 58.3	E54A	Lac Diaplat, Po baz=196,SNR=7.8	35.02	11	P	P	00 08 18.7 +2.5	ORV	Orville	41.24	318	P	P	00 09 09.5 0.0		
PV02	Paradox Valley comp=Z,29nm,1.4s	32.65	326	P	P	00 07 54.8 -1.9	D48A	Paudash Townsh baz=188	35.09	6	P	P	00 08 18.9 +2.1	MSO	Missoula baz=137	41.57	331	P	P	00 09 12.5 +0.3		
PV13	Paradox Valley comp=Z,63nm,1.9s	32.66	326	I	Amb	00 08 01.8	MURC	Murrieta baz=192	35.22	312	P	P	00 08 16.6 -0.9	MOD	Modoc Plateau comp=Z,58nm,1.6s	41.77	321	P	P	00 09 16.2		
PECO	Prince Edward comp=Z,22nm,0.9s	32.66	13	P	P	00 07 57.5 +1.1	D49A	Beulah Townshi baz=189	35.23	6	P	P	00 08 18.3 -0.6	BMO	Blue Mountains F10A	41.88	327	P	P	00 09 13.9 -0.8		
PECO	Prince Edward	32.66	13	P	P	00 08 00.2	RSSD	Black Hills baz=192	35.23	338	P	P	00 08 19.9 +1.2	F10A	Beach Ranch, comp=Z,58nm,1.6s	42.59	328	I	Amb	00 09 19.8 -0.6		
PV03	Paradox Valley comp=Z,32nm,1.6s	32.74	326	I	Amb	00 08 01.3	RSSD	Black Hills baz=192	35.23	338	P	P	00 08 18.5 -0.5	I07A	Izee	42.60	325	P	P	00 09 18.9 -1.7		
PV05	Paradox Valley comp=Z,48nm,1.7s	32.76	326	I	Amb	00 07 56.6 -1.0	RSSD	Black Hills comp=Z,26nm,1.2s	35.23	338	P	P	00 08 19.3 +0.2	L04D	Klamath Falls baz=123	43.18	321	P	P	00 09 26.3 +0.9		
PV12	Saucer Basin, comp=Z,44nm,1.4s	32.77	326	I	Amb	00 08 01.7	E55A	Montcerf-Lyto baz=198	35.26	12	P	P	00 08 20.2 +0.9	WALA	Waterton Lakes comp=Z,56nm,1.7s	43.22	334	I	Amb	00 09 25.7 +0.1		
PV07	Paradox Valley comp=Z,49nm,1.6s	32.77	327	P	P	00 07 56.8 -0.9	D51A	Lot 18 Range I baz=192	35.29	8	P	P	00 08 18.2 +0.5	WALA	Waterton Lakes	43.22	334	I	Amb	00 09 29.2		
K62A	Royalston baz=206	32.78	20	P	P	00 08 00.2 +2.8	D50A	G1974 Best Tow baz=191	35.30	8	P	P	00 08 20.4 +1.2	PINE	Pine Mountain comp=Z,72nm,1.8s	43.26	323	P	P	00 09 25.6 -0.4		
H52A	Wyevale baz=192	32.82	9	P	P	00 07 59.6 +1.9	G61A	St-Isidore-des baz=206	35.35	18	P	P	00 08 20.2 +0.9	E09A	Wood Farm, Sta comp=Z,29nm,1.1s	43.42	328	I	Amb	00 09 26.2 -0.9		
H52A	Nyswonger Mesa comp=Z,54nm,1.8s	32.82	326	I	Amb	00 08 03.0	SHPR	Sheep Range D53A	Lac Vaciue, Po baz=210	35.39	318	P	P	00 08 21.9 +2.2	E08A	Dider Farm, El comp=Z,27nm,1.8s	43.88	328	P	P	00 09 28.5 -2.3	
J59A	Piesco	32.83	16	P	P	00 07 59.8 +2.0	D53A	Lac Vaciue, Po H64A	Troy baz=210	35.55	21	P	P	00 08 20.7 +0.2	HAWA	Hanford Newport	44.07	327	P	P	00 09 32.4 +0.1	
J59A	Piesco	32.83	16	P	P	00 07 58.2 +0.4	E66A	St. Veronique baz=192	35.58	14	P	P	00 08 23.5 +1.5	NEW	Newport baz=134	44.11	331	P	P	00 09 33.5 +0.9		
PV19	Morning Glory comp=Z,33nm,1.7s	32.86	326	P	P	00 07 58.1 -0.3	G62A	West of Eustis baz=207	35.61	19	P	P	00 08 20.9 +2.2	NEW	Newport	44.11	331	P	P	00 09 31.4 -1.3		
PV20	West Nyswonger Paradox Valley	32.87	326	P	P	00 07 58.4 -0.2	G62A	West of Eustis G62A	35.61	19	P	I	Amb	I	Amb	44.16	347	P	I	Amb	00 09 33.2 +0.3	
PV04	Paradox Valley comp=Z,33nm,1.4s	32.88	326	I	Amb	00 07 56.8 -1.8	E57A	Chemin Saint G baz=201	35.66	15	P	P	00 08 23.5 +1.5	FFC	Flin Flon comp=Z,42nm,1.9s	44.16	347	P	I	Amb	00 09 35.2	
H58A	Old Forge baz=201	32.91	15	P	P	00 07 59.4 +0.8	D54A	Lac Fusel, La baz=210	35.81	11	P	P	00 08 24.4 +1.9	D08A	Wollman Farm, Wamic, OR	44.18	328	P	P	00 09 33.2 0.0		
PV22	Blue Mesa, Par comp=Z,45nm,2.0s	32.92	327	P	P	00 07 58.4 -0.6	G63A	Kingsbury baz=209	35.82	21	P	P	00 08 26.6 +2.9	G05D	Ward, OR baz=122	44.33	325	P	P	00 09 35.6 +1.1		
PV14	Lion Creek, Pa Lant Hill Farm baz=204	32.93	326	P	P	00 07 58.2 -0.9	GSC	Goldstone, Bar baz=193	35.82	315	P	P	00 08 26.2 +2.7	E07A	Schefferville comp=Z,3.1nm,0.9s,baz=219,slow=9.4,SNR=2.4	45.22	327	I	Amb	00 09 42.2		
PV10	Paradox Valley comp=Z,30nm,1.0s	32.94	326	I	Amb	00 07 59.0 -0.2	JLU	Jordanelle F60A	Warwick baz=205	35.83	327	P	P	00 08 26.5 +2.7	SCHO	Schefferville comp=Z,25nm,1.1s	45.25	16	P	I	Amb	00 09 45.8
H53A	Bobcaygeon baz=194,SNR=5.9	32.97	10	P	P	00 08 01.2 +2.1	E58A	La Victoria baz=202,SNR=6.2	35.85	16	P	P	00 08 26.2 +2.1	SCHO	Schefferville	45.25	16	P	I	Amb	00 09 47.3	
PV23	Carpenter Ridg Cone Mtn., Par	32.98	326	P	P	00 07 58.6 -1.0	BFSC	Mount Baldy Ra baz=120	35.87	313	P	P	00 08 26.6 +0.6	LON	Longmire comp=Z,3.1nm,0.9s,baz=219,slow=9.4,SNR=2.4	45.25	16	P	I	Amb	00 09 48.1	
PV21	Sadowa	33.04	327	P	P	00 07 59.7 -0.4	EYMN	Ely baz=172	35.89	354	P	P	00 08 27.1 +3.6	D05A	Enumclaw comp=Z,29nm,1.3s	45.52	326	P	P	00 09 43.8 -0.1		
SADO	Sadowa	33.06	10	P	P	00 07 59.9 0.0	EYMN	Ely	35.89	354	P	I	Amb	I	Amb	45.88	326	P	P	00 09 46.4 -0.4		
DELO	Deloro Mine comp=Z,48nm,1.8s	33.09	12	P	P	00 08 00.3 +0.2	EYMN	Ely	35.89	354	P	I	Amb	I	Amb	45.88	326	P	P	00 09 54.0		
G40A	Rib Lake comp=Z,44nm,1.6s	33.12	355	I	Amb	00 08 04.1	D55A	Sainte-Anne-du baz=198,SNR=1.8	35.93	13	P	P	00 08 27.3 +3.2	B06A	Marblemount comp=Z,18nm,0.8s	46.45	328	I	Amb	00 09 57.7		
H55A	Tweed baz=197	33.21	12	P	P	00 08 03.6 +2.4	CTU	Camp Tracy PKME	Peaks-Kenny PK baz=209	36.06	21	P	P	00 08 28.1 +3.6	B05A	Bryant baz=128	46.60	328	P	P	00 09 51.4 -0.9	
GLA	Glamis baz=205	33.24	313	P	P	00 08 01.1 -0.5	D56A	ZEC Mazanza, M baz=209	36.12	14	P	P	00 08 26.3 +1.9	D03D	Eldon baz=207	46.69	326	P	P	00 09 53.6 +0.5		
J61A	Chester baz=205	33.29	19	P	P	00 08 03.2 +1.3	D57A	Chemin Vers le baz=201	36.12	14	P	P	00 08 26.2 +2.2	D05A	Enumclaw	46.88	326	P	P	00 09 46.4 -0.4		
I59A	Olmsteadville baz=202	33.31	17	P	P	00 08 04.0 +2.0	DUG	Dugway, Toeoe baz=133	36.30	325	P	P	00 08 27.1 +3.2	B06A	Marblemount comp=Z,18nm,0.8s	46.45	328	I	Amb	00 09 57.7		
SPMN	Marine on St. baz=169	33.36	352	P	P	00 08 03.9 +1.4	E28A	Huff	36.33	343	P	P	00 08 28.0 -0.1	B05A	Bryant baz=128	46.60	328	P	P	00 09 51.4 -0.9		
SPMN	Marine on St. comp=Z,30nm,1.0s	33.36	352	I	Amb	00 08 05.5	TPNV	Topopah Spring baz=125	36.36	318	P	P	00 08 30.8 +2.1	D03D	Eldon baz=207	46.69	326	P	P	00 09 53.6 +0.5		
NCB	Newcomb	33.37	16	P	P	00 08 02.7 +0.1	TPNV	Topopah Spring Edwards Air Fo baz=121	36.44	314	P	P	00 08 24.7 +0.3	NLWA	Neilton Lookou NLWA	47.03	326	P	I	Amb	00 09 55.0 -0.8	
Y12C	Blythe comp=Z,33nm,1.6s	33.40	315	P	P	00 08 02.4 -0.6	BW06	Boulder Array baz=140	36.47	331	P	P	00 08 26.7 +2.0	A04D	Lum Island baz=128	47.20	328	P	P	00 09 56.7 -0.3		
J62A	Henniker baz=206	33.42	20	P	P	00 08 03.7 +0.7	PD31	Pinedale Array PDAR	36.47	331	P	P	00 08 28.0 -0.8	LLLB	Lillooet LLLB	47.98	330	P	P	00 09 56.7 -0.3		
PHWY	Pilot Hill comp=Z,19nm,0.8s	33.44	334	P	P	00 08 02.7 -0.8	D56A	ZEC Mazanza, M baz=209	36.12	14	P	P	00 08 27.2 -2.4	YKA	Yellowknife A comp=Z,23nm,1.0s	54.12	344	P	P	00 10 02.2 -1.0		
PDMCI	Parker Dam,Lak baz=125	33.45	316	P	P	00 08 03.6 +0.2	D57A	Chemin Vers le baz=201	36.29</													

PDPR	Patillas Dam, comp=Z,215nm,0.8s	38.74	7	Iamb	Iamb	00 09 08.4
SABA	Saba	38.77	11	Iamb	Iamb	00 09 09.4
SJG	San Juan, comp=Z,239nm,0.8s	38.82	7	P	P	00 09 07.6 -1.5
SJG	San Juan, comp=Z,181nm,0.8s,baz=168,slow=9,SNR=58	38.82	7	P	P	00 14 58.9 -8.0
SJG	San Juan, comp=Z,8.3nm,0.7s,baz=36,slow=22,SNR=10.0	38.82	7	P	P	00 09 07.2 -2.0
SJG	San Juan	38.82	7	P	P	00 09 07.6 -1.5
SJG	San Juan, comp=Z,185nm,0.8s			MLR	MLR	
SJG	San Juan, comp=Z,171nm,18.0s	38.82	7	P	P	00 09 07.6 -1.5
SJG	San Juan, comp=Z,185nm,0.8s	38.82	7	IAMS_20	IAMS_20	00 27 03.8
MTP	Monte Pirata, comp=Z,287nm,1.2s	38.88	8	Iamb	Iamb	00 09 17.6
HUMR	Col San Antoni, comp=Z,544nm,1.6s	38.88	7	Iamb	Iamb	00 09 18.8
GCPR	Guayabo City, comp=Z,225nm,0.7s	39.02	7	Iamb	Iamb	00 09 11.0
AGPR	Aguaquilla, PR, comp=Z,252nm,1.1s	39.08	5	Iamb	Iamb	00 09 19.4
ANWB	Willby Bob, comp=Z,172nm,0.8s	39.11	13	eP	P	00 09 08.1 -3.4
ANWB	Willby Bob, comp=Z,172nm,0.8s	39.11	13	Iamb	Iamb	00 09 09.6
ANWB				IAMS_20	IAMS_20	00 26 02.5
EMPR	Esperanza - Mi, comp=Z,207nm,0.7s	39.14	6	Iamb	Iamb	00 09 11.9
MTDJ	Mount Denham, comp=Z,181nm,20.0s	39.26	350	IAMS_20	IAMS_20	00 26 29.9
SC01	Santiago de lo, comp=Z,225nm,0.9s	39.88	360	P	Iamb	00 09 18.8 +0.8
SC01				IAMS_20	IAMS_20	00 26 40.2
GTBY	Guantanamo Bay, comp=Z,169m,19.0s	40.61	354	IAMS_20	IAMS_20	00 28 55.5
HOPE	Hope Point, comp=Z,254nm,1.1s	42.37	151	P	P	00 09 39.5 +1.3
HOPE				MLR	MLR	
HOPE	Hope Point, comp=Z,300m,20.0s	42.37	151	P	P	00 09 39.5 +1.3
HOPE				Iamb	Iamb	00 09 48.1
TEIG	Tepech, comp=Z,254nm,1.1s	44.17	336	P	P	00 09 53.7 +0.6
TEIG	Tepech, comp=Z,151nm,21.8s,baz=253,slow=34	44.17	336	IAMS_20	IAMS_20	00 31 04.8
TEIG	Tepech, comp=Z,169m,18.0s	44.17	336	Iamb	Iamb	00 09 55.5
TEIG	Tepech, comp=Z,95nm,0.8s	44.17	336	P	P	00 09 55.0 +1.6
PMSA	Palmer Station, comp=Z,390m,0.9s,baz=347,slow=13,SNR=5.4	44.28	176	P	Iamb	00 10 04.8
CMIG	Matias Romero, comp=Z,269m,0.8s,baz=133,slow=6.3,SNR=12	44.44	326	P	P	00 09 56.6 +1.4
TLIG	Tapia, comp=Z,144m,20.0s	46.85	322	IAMS_20	IAMS_20	00 25 59.3
UNN	Universidad Na, comp=Z,211.0s	48.60	323	IAMS_20	IAMS_20	00 27 00.8
DWPF	Disney Wildern, comp=Z,167	49.62	347	P	P	00 10 34.8 -0.8
DWPF	Disney Wildern, comp=Z,167	49.62	347	P	P	00 10 36.7 +1.1
MOIG	Morelia, comp=Z,220nm,1.1s	50.03	321	Iamb	Iamb	00 10 51.0
656A	Willston, comp=Z,158nm,0.9s	51.37	347	Iamb	Iamb	00 10 48.3
456A	Hilliard, comp=Z,191nm,0.9s	52.28	348	Iamb	Iamb	00 11 28.2
553A	Crawfordville, comp=Z,111m,20.0s	52.30	345	IAMS_20	IAMS_20	00 34 10.2
BBSR	BB Station, comp=Z,277nm,1.6s	53.07	6	P	P	00 11 00.7 -0.6
BBSR				Iamb	Iamb	00 12 03.2
ZAIG	Zacatecas, comp=Z,96nm,0.9s	53.24	322	Iamb	Iamb	00 11 15.5
ZAIG				IAMS_20	IAMS_20	00 33 31.2
TIGA	Tifton, comp=Z,121m,18.0s	53.30	346	P	P	00 11 03.3 +0.2
TIGA	Tifton, comp=Z,165,SNR=7.2	53.30	346	IAMS_20	IAMS_20	00 35 15.8
257A	Skidaway Islan, comp=Z,121m,21.0s	53.30	349	IAMS_20	IAMS_20	00 32 52.9
255A	Hazlehurst, comp=Z,111m,22.0s	53.53	347	Iamb	Iamb	00 12 09.7
352A	Blakely, comp=Z,136nm,1.1s	53.65	345	Iamb	Iamb	00 11 51.0
352A				IAMS_20	IAMS_20	00 34 20.1
158A	Hollywood, comp=Z,121m,21.0s	53.91	350	P	P	00 11 07.8 +0.3
BRAL	Brewton, comp=Z,169,SNR=7.4	53.91	343	P	P	00 11 07.2 -0.4
157A	Early Branch, comp=Z,169,SNR=7.4	53.98	349	P	P	00 11 08.6 +0.6
Z59A	Georgetown, SC, comp=Z,170	54.26	351	P	P	00 11 09.5 -0.6
NHSC	New Hope, comp=Z,169,SNR=16	54.27	350	P	P	00 11 10.8 +0.7
154A	Montross, comp=Z,58nm,0.9s	54.33	347	Iamb	Iamb	00 11 55.4
Z58A	St. Stephen, comp=Z,170,SNR=6.9	54.43	351	P	P	00 11 12.4 +1.1
250A	Grady, comp=Z,186nm,1.2s	54.47	344	Iamb	Iamb	00 12 11.3
250A				IAMS_20	IAMS_20	00 34 16.6
Z57A	Bowman, comp=Z,139m,21.0s	54.54	350	P	P	00 11 12.6 +0.5
Z56A	Williston, comp=Z,168,SNR=9.7	54.68	349	P	P	00 11 13.4 +0.2
Z56A	Williston, comp=Z,168,SNR=7.1	54.68	349	Iamb	Iamb	00 11 25.5
Z56A	Williston, comp=Z,181nm,1.2s	54.68	349	IAMS_20	IAMS_20	00 38 52.4
346A	Big Creek Wild, comp=Z,111m,18.0s	54.84	340	Iamb	Iamb	00 11 35.4
Y60A	Bolivia, comp=Z,136nm,1.1s	54.87	352	P	P	00 11 15.0 +0.5
Y60A	Bolivia, comp=Z,171,SNR=21	54.87	352	IAMS_20	IAMS_20	00 35 16.4
Y59A	Loris, comp=Z,121m,21.0s	54.94	352	P	P	00 11 15.1 +0.1
Y58A	Scranton, comp=Z,171	54.97	351	P	P	00 11 15.4 +0.2
Y56A	Pelion, comp=Z,170,SNR=8.1	55.12	349	P	P	00 11 16.6 +0.3
GOGA	Godfrey, comp=Z,165,SNR=6.2	55.17	347	P	P	00 11 16.8 0.0
Y57A	Sumter, comp=Z,169,SNR=6.3	55.19	350	P	P	00 11 17.3 +0.5
344A	Westbrook Farm, comp=Z,99m,1.0s	55.31	339	Iamb	Iamb	00 11 28.6
Y55A	Saluda, comp=Z,167,SNR=15	55.37	349	P	P	00 11 18.4 +0.3
X60A	Albert Glen T, comp=Z,172,SNR=15	55.41	353	P	P	00 11 19.0 +0.7
X59A	McDuffie Farm, comp=Z,171,SNR=5.9	55.48	352	P	P	00 11 19.3 +0.4
X58A	Rowland, comp=Z,170,SNR=9.3	55.56	351	P	P	00 11 19.6 +0.2
X58A	Rowland, comp=Z,268nm,1.5s	55.56	351	Iamb	Iamb	00 11 29.3
X57A	Johnson Farm, comp=Z,169	55.58	351	P	P	00 11 19.5 -0.1
Z50A	Ashland, comp=Z,163,SNR=27	55.59	344	P	P	00 11 19.7 -0.1
Z50A	Ashland, comp=Z,121m,19.0s	55.59	344	IAMS_20	IAMS_20	00 37 33.4
LRAL	Lakeview Retre, comp=Z,162,SNR=15	55.66	343	IAMS_20	IAMS_20	00 34 42.3
LRAL	Lakeview Retre, comp=Z,101m,21.0s	55.73	348	IAMS_20	IAMS_20	00 34 53.0
HODGE	Hodge, comp=Z,121m,22.0s	55.74	347	P	P	00 11 20.8 0.0
Y52A	Libburn, comp=Z,165	55.74	347	P	P	00 11 20.8 0.0
Y52A	Libburn, comp=Z,165	55.74	347	IAMS_20	IAMS_20	00 36 52.1

ASCN	Ascension, comp=Z,111m,19.0s	55.76	86	P	P	00 11 21.7 +0.4
X56A	White Oak, comp=Z,168,SNR=15	55.76	350	P	P	00 11 21.3 +0.3
342A	Blackburg, comp=Z,111m,22.0s	55.79	338	IAMS_20	IAMS_20	00 35 30.7
W60A	Pink Hill, comp=Z,172,SNR=9.1	55.84	353	P	P	00 11 22.4 +0.9
X55A	Gracelyn & Ava, comp=Z,151,SNR=16	55.84	349	P	P	00 11 21.6 +0.1
146A	Union, comp=Z,163nm,1.1s	55.87	341	Iamb	Iamb	00 11 42.7
HKT	Hockley, comp=Z,408nm,2.0s	55.88	334	P	P	00 11 22.7 +0.9
HKT	Hockley, comp=Z,408nm,2.0s	55.88	334	P	P	00 11 22.7 +0.9
W61A	Grand Anchor, comp=Z,173,SNR=11	55.89	354	P	P	00 11 22.7 +0.9
VBMS	Vicksburg, comp=Z,158	55.94	340	P	P	00 11 21.8 -0.4
W58A	Raeoford, comp=Z,170,SNR=4.3	56.00	352	P	P	00 11 23.0 +0.4
W59A	Clinton, comp=Z,171,SNR=7.7	56.04	352	P	P	00 11 23.2 +0.3
CNCC	Cliffs of the, comp=Z,172,SNR=5.5	56.05	353	P	P	00 11 23.2 +0.2
X54A	Belton, comp=Z,167,SNR=14	56.05	348	P	P	00 11 23.2 +0.2
833A	Chapparral WMA, comp=Z,147,SNR=17	56.09	329	P	P	00 11 23.4 +0.1
Z47A	Carrollton, comp=Z,276nm,1.8s	56.11	342	Iamb	Iamb	00 11 30.3
V62A	Hyde County Ai, comp=Z,174	56.17	355	P	P	00 11 24.0 +0.2
X53A	Estanolee, comp=Z,166,SNR=7.6	56.19	347	P	P	00 11 23.9 -0.2
PAULI	Pauline, comp=Z,250nm,1.8s	56.22	349	Iamb	Iamb	00 11 32.0
PAULI				IAMS_20	IAMS_20	00 36 54.8
W57A	Gilead, comp=Z,121m,20.0s	56.24	351	P	P	00 11 24.2 -0.2
W57A	Gilead, comp=Z,310nm,1.9s	56.24	351	Iamb	Iamb	00 11 59.7
Y49A	Blount Mountai, comp=Z,29m,22.0s	56.29	344	IAMS_20	IAMS_20	00 35 36.6
W56A	Indian Trail, comp=Z,169,SNR=30	56.32	350	P	P	00 11 25.0 +0.1
KMSC	Kings Mountain, comp=Z,158,SNR=12	56.45	350	P	P	00 11 26.1 +0.2
V61A	Roper, comp=Z,173	56.46	354	P	P	00 11 25.1 -0.7
V60A	Jim Taylor Roa, comp=Z,173,SNR=9.5	56.50	354	P	P	00 11 26.6 +0.5
V60A	Jim Taylor Roa, comp=Z,152nm,1.4s	56.50	354	Iamb	Iamb	00 11 34.2
W54A	Cherokee Point, comp=Z,167,SNR=18	56.54	349	P	P	00 11 26.8 +0.3
X51A	Calhoun, comp=Z,164,SNR=9.7	56.59	346	P	P	00 11 26.7 -0.2
X51A	Calhoun, comp=Z,139m,21.0s	56.59	346	IAMS_20	IAMS_20	00 36 32.6
V59A	Middlesex, comp=Z,172,SNR=31	56.61	353	P	P	00 11 27.4 +0.4
143A	Scott Landing, comp=Z,272nm,1.6s	56.68	339	Iamb	Iamb	00 12 13.9
FPAL	Fort Payne, comp=Z,144m,21.0s	56.74	345	IAMS_20	IAMS_20	00 36 27.6
V58A	Windy Hill, Pi, comp=Z,171,SNR=27	56.75	352	P	P	00 11 28.1 +0.2
V58A	Windy Hill, Pi, comp=Z,121nm,1.1s	56.75	352	Iamb	Iamb	00 11 39.5
V58A	Murphy, comp=Z,151m,21.0s	56.89	347	IAMS_20	IAMS_20	00 39 26.5
V57A	Coltrane Farms, comp=Z,170,SNR=25	56.93	351	P	P	00 11 29.3 0.0
V61A	Mocksville, comp=Z,169,SNR=28	56.96	350	P	P	00 11 29.7 +0.2
V56A	Possom Corner, comp=Z,174,SNR=7.5	56.98	354	P	P	00 11 30.1 +0.6
NATX	Nacogdoches, comp=Z,153	57.01	336	P	P	00 11 30.4 +0.5
X48A	Hartselle, comp=Z,141m,22.0s	57.01	344	IAMS_20	IAMS_20	00 35 57.6
V55A	Taylorsville, comp=Z,112nm,1.1s	57.12	350	P	P	00 11 31.1 +0.5
V55A	Taylorsville, comp=Z,172,SNR=29	57.12	353	P	P	00 11 31.4 +0.7
Y45A	Yeager Farm, C, comp=Z,107nm,0.9s	57.14	341	Iamb	Iamb	00 11 40.8
V54A	Nebo, comp=Z,167,SNR=32	57.17	349	P	P	00 11 31.2 +0.2
U60A	Pendleton, comp=Z,173,SNR=18	57.19	354	P	P	00 11 31.4 +0.4
U58A	Oxford, comp=Z,171,SNR=24	57.27	352	P	P	00 11 32.0 +0.4
W50A	Signal Mountai, comp=Z,141m,21.0s	57.30	346	IAMS_20	IAMS_20	00 36 43.0
435B	Jarrell, comp=Z,160	57.35	332	P	P	00 11 31.1 -1.2
CPCT	Cooper Cave, comp=Z,111m,20.0s	57.36	347	IAMS_20	IAMS_20	00 37 41.1
U57A	Blanch, comp=Z,170,SNR=26	57.41	352	P	P	00 11 33.1 +0.5
TKL	Tuleechee C, comp=Z,48nm,0.8s,baz=163,slow=8.8,SNR=30	57.41	347	LR	LR	00 37 18.2
SWET	Sewanee, comp=Z,71m,20.8s,baz=158,slow=37	57.46	345	IAMS_20	IAMS_20	00 36 59.4
U56A	King, comp=Z,141m,21.0s	57.47	351	P	P	00 11 33.9 +0.8
U56A	King, comp=Z,136nm,1.2s	57.47	351	Iamb	Iamb	00 11 49.7
V52A	Sevierville, comp=Z,98nm,1.0s	57.55	348	Iamb	Iamb	00 11 57.8
V52A				IAMS_20	IAMS_20	00 37 10.8
Z41A	Richland Creek, comp=Z,155,SNR=8.1	57.66	338	P	P	00 11 35.1 +0.6
V51A	Loudon, comp=Z,289nm,1.9s	57.67	347	Iamb	Iamb	00 11 41.5
V51A				IAMS_20	IAMS_20	00 41 08.0
T59A	Double "B" Far, comp=Z,91m,18.0s	57.72	353	P	P	00 11 35.6 +0.8
T59A	Double "B" Far, comp=Z,172,SNR=20	57.72	353	Iamb	Iamb	00 11 42.8
T59A	Double "B" Far, comp=Z,233nm,1.2s	57.72	353	IAMS_20	IAMS_20	00 37 30.5
U55A	TAZ, Sparta, comp=Z,165,SNR=17	57.73	350	P	P	00 11 35.2 +0.3
T60A	Surry, comp=Z,173,SNR=5.9	57.81	354	P	P	00 11 36.3 +0.9
T58A	Grand View Acr, comp=Z,171,SNR=33	57.81	353	P	P	00 11 36.2 +0.8
U54A	Nelsons Funny, comp=Z,168,SNR=28	57.88	349	P	P	00 11 36.1 +0.1
U54A	Nelsons Funny, comp=Z,77nm,0.8s	57.88	349	Iamb</		

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Table with columns: ID, Name, Address, City, State, Zip, Phone, Fax, Email, Website, and other details for various locations.

2014 APR

Table with columns: ID, Name, Address, City, State, Zip, Phone, Fax, Email, Website, and other details for various locations.

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Table with columns: Call Sign, Name, Frequency, Class, Power, and other details. Includes entries like PFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pinyon Flats O, etc.

Table with columns: Call Sign, Name, Frequency, Class, Power, and other details. Includes entries like TVO Taravao, MLAC Mammoth, TIAR Tiarei, PIMOZ Porto Moniz, etc.

Table with columns: Call Sign, Name, Frequency, Class, Power, and other details. Includes entries like SUR Sutherland, H04D Lebanon, C09A Chrisman Ranch, F05D White Salmon, etc.

PGAV	SNR=15	GA	84.86	42	eP	P	00	14	19.4	+0.4
PGAV	comp-Z,123nm,1.8s	Gaviere, Arco	84.86	42	eLR	LR	00	47	36.1	
PCAB	comp-Z,7.0m,18.0s	Gaviere, Arco	84.87	42	eLR	P	00	14	19.9	+0.9
MELI	comp-Z,133nm,1.8s	Melilla	84.94	49	iP	P	00	14	17.0	-2.4
MELI	comp-Z,133nm,1.8s	Melilla	85.21	43	eP	S	00	24	46.1	-2.2
MVO	comp-Z,192nm,1.6s	Moncorvo	85.21	43	eLR	LR	00	14	21.1	+0.4
MVO	comp-Z,7.0m,20.0s	Moncorvo	85.21	43	eLR	LR	00	47	19.9	
BOSA	comp-Z,84nm,1.1s,baz=245,slow=5.3,SNR=53	Goshof	85.27	119	P	P	00	14	21.2	-0.3
BOSA	comp-Z,154nm,1.6s	BOSA	85.27	119	P	LR	00	48	46.7	
MAW	comp-Z,12.0m,21.5s,baz=250,slow=33	Mawson	85.56	164	P	P	00	14	22.8	+0.8
MAW	comp-Z,7.0m,1.1s,baz=217,slow=6.7,SNR=31	Mawson	85.56	164	P	LR	00	52	08.9	
PBRG	comp-Z,6.0m,20.2s,baz=242,slow=35	Braganca	85.73	42	eP	P	00	14	23.6	+0.3
PAB	comp-Z,154nm,1.6s	San Pablo	86.10	45	P	P	00	14	25.6	+0.4
PAB	comp-Z,117nm,1.5s	San Pablo	86.10	45	P	P	00	14	25.6	+0.4
PAB	comp-Z,117nm,1.5s	San Pablo	86.10	45	P	Iamb	00	14	27.4	
PAB	comp-Z,5.0m,20.0s	San Pablo	86.10	45	IAMS_20	IAMS_20	00	49	10.1	
LBTB	comp-Z,33nm,0.7s,baz=242,slow=6.0,SNR=47	Lobate	86.84	115	P	P	00	14	29.5	+0.1
UCM	comp-Z,2.0m,21.0s	Universidad Co	87.22	45	eP	P	00	14	31.5	+0.9
UCM	comp-Z,2.0m,21.0s	Universidad Co	87.22	45	eP	S	00	25	11.6	+1.1
CART	comp-Z,8.0m,18.0s	Cartagena	87.41	48	eS	LR	00	24	57.8	-1.6
SFJD	comp-Z,2.0m,21.0s	Kangerlussuaq	88.70	8	eP	LR	00	52	59.8	
SFJD	comp-Z,2.0m,21.0s	Kangerlussuaq	88.70	8	eP	P	00	14	35.7	-1.3
ANGG	comp-Z,5.0m,18.0s	Ammassalik, Gr	89.64	13	Iamb	Iamb	00	14	44.3	
YKA	comp-Z,2.8nm,0.8s,baz=136,slow=5.2,SNR=150	Yellowknife	89.89	341	P	P	00	14	42.9	+0.2
YKA	comp-Z,8.0m,20.7s,baz=0.0,slow=38	Yellowknife	89.89	341	P	LR	00	57	51.6	
ILULI	comp-Z,167nm,1.6s	Ilulissat	90.76	7	Iamb	Iamb	00	14	48.8	
MATP	comp-Z,9.02m,1.2s,baz=242,slow=6.0,SNR=47	Matopo	91.03	112	P	P	00	14	46.5	-2.7
MLOA	comp-Z,2.0m,21.0s	Mauna Loa Obs	92.21	290	IAMS_20	IAMS_20	00	45	06.3	
POHA	comp-Z,5.0m,21.0s	Pohakuloa	92.25	290	IAMS_20	IAMS_20	00	46	33.4	
HPAH	comp-Z,5.0m,18.0s	Hawaii Prepara	92.49	290	IAMS_20	IAMS_20	00	51	35.8	
KHLU	comp-Z,6.0m,20.0s	Kahalu'u	92.51	290	IAMS_20	IAMS_20	00	45	58.3	
LSZ	comp-Z,37nm,1.2s,baz=264,slow=4.2,SNR=29	Lusaka	92.69	107	P	P	00	14	58.0	+1.0
LSZ	comp-Z,116nm,1.5s	Lusaka	92.69	107	P	P	00	14	58.0	+1.0
LSZ	comp-Z,116nm,1.5s	Lusaka	92.69	107	Iamb	Iamb	00	15	01.8	
BFZ	comp-Z,6.0m,19.0s	Birch Farm	92.93	224	IAMS_20	IAMS_20	00	47	30.4	
MXZ	comp-Z,6.0m,19.0s	Matakaoa Point	93.08	228	IAMS_20	IAMS_20	00	47	22.6	
CASY	comp-Z,2.0m,21.0s	Casey	93.29	180	P	P	00	14	59.8	+1.2
KEST	comp-Z,9.4nm,0.9s,baz=153,slow=5.5,SNR=6.8	Kesra	94.13	53	P	P	00	15	02.7	-0.4
KEST	comp-Z,8.0m,20.3s,baz=208,slow=36	Kesra	94.13	53	P	LR	00	57	40.1	
KEST	comp-Z,80nm,1.9s	Kesra	94.13	53	Iamb	Iamb	00	16	19.8	
OXZ	comp-Z,4.0m,20.0s	Oxford	94.20	221	IAMS_20	IAMS_20	00	46	52.6	
CLF	comp-Z,96nm,1.5s	Chamaly-Foret	94.35	40	Iamb	Iamb	00	15	05.2	
LTZ	comp-Z,5.0m,21.0s	Lake Taylor	94.35	221	P	P	00	15	06.8	+2.7
LTZ	comp-Z,134nm,1.6s	Lake Taylor	94.35	221	P	Iamb	00	15	17.1	
LTZ	comp-Z,5.0m,21.0s	Lake Taylor	94.35	221	P	IAMS_20	00	46	57.8	
NNZ	comp-Z,121nm,1.5s	Nelson	94.51	223	Iamb	Iamb	00	15	21.2	
NNZ	comp-Z,6.0m,21.0s	Nelson	94.51	223	IAMS_20	IAMS_20	00	47	26.9	
THZ	comp-Z,94nm,1.1s	Tophouse	94.51	222	IAMS_20	IAMS_20	00	51	57.1	
RPZ	comp-Z,5.0m,18.0s	Rata Peaks	94.57	220	P	P	00	15	08.4	+3.4
RPZ	comp-Z,128nm,1.7s	Rata Peaks	94.57	220	Iamb	Iamb	00	15	17.7	
SSB	comp-Z,5.0m,20.0s	Saint Sauveur	94.59	43	IAMS_20	IAMS_20	00	54	15.7	
AF21	comp-Z,5.0m,22.0s	Afianalu	95.24	253	IAMS_20	IAMS_20	00	48	31.9	
QRZ	comp-Z,5.0m,22.0s	Quartz Range	95.26	223	IAMS_20	IAMS_20	00	48	31.9	
SUMG	comp-Z,94nm,1.1s	Summit	95.53	9	iP	P	00	15	10.0	+1.0
SUMG	comp-Z,94nm,1.1s	Summit	95.53	9	iP	P	00	15	10.0	+1.0
SUMG	comp-Z,94nm,1.1s	Summit	95.53	9	iP	P	00	15	10.0	+1.0
SUMG	comp-Z,56nm,1.2s	Summit	95.53	9	Iamb	Iamb	00	16	12.3	
SUMG	comp-Z,5.0m,22.0s	Summit	95.53	9	IAMS_20	IAMS_20	00	56	34.8	
VSL	comp-Z,4.0m,19.0s	Villast	95.58	50	IAMS_20	IAMS_20	00	58	06.4	
RES	comp-Z,8.0m,20.6s,baz=155,slow=37	Resolute Bay	96.42	354	LR	LR	01	00	44.9	
DOU	comp-Z,14nm,2.3s	Dourbes	96.62	39	P	P	00	15	13.9	-0.1
UCC	comp-Z,33nm,1.3s	Uccle	96.77	38	P	P	00	15	14.6	0.0
BMRD	comp-Z,24nm,1.6s	Maredsous	96.81	39	P	P	00	15	14.7	-0.1
TULEG	comp-Z,5.0m,22.0s	Thule	97.03	0	IAMS_20	IAMS_20	00	57	47.2	
BGES	comp-Z,22nm,0.0s	Geves	97.03	39	P	P	00	15	15.5	-0.3
BCLA	comp-Z,12nm,1.8s	Clavier	97.17	39	P	P	00	15	16.2	-0.2
WLF	comp-Z,34nm,1.5s	Walferdang	97.37	40	P	Pdif	00	15	18.0	+0.6
WLF	comp-Z,7.0m,1.4s,baz=250,slow=4.6	Walferdang	97.37	40	eP	Pdif	00	15	18.4	+0.9
WLF	comp-Z,5.0m,21.0s	Walferdang	97.37	40	IAMS_20	IAMS_20	00	57	21.1	
BSTI	comp-Z,33nm,1.3s	Sart Tilman	97.39	41	pP	pP	00	15	25.0	+4.5
ECH	comp-Z,33nm,1.3s	Echer	97.42	41	Iamb	Iamb	00	15	18.9	
BEBN	comp-Z,33nm,1.3s	Eben Ennael	97.54	38	P	Pdif	00	15	18.6	+0.5
BHOH	comp-Z,33nm,1.3s	Houvezeng	97.55	39	P	P	00	15	17.8	-0.5
MEM	comp-Z,4.0m,19.0s	Membach	97.66	39	P	Pdif	00	15	19.0	+0.3
TUE	comp-Z,4.0m,19.0s	Stuetta	98.14	43	IAMS_20	IAMS_20	01	00	13.8	
BFO	comp-Z,16nm,1.5s,baz=250,slow=4.6	Black Forest	98.18	41	eP	Pdif	00	15	21.2	+0.1
AHRW	comp-Z,36nm,1.4s,baz=244,slow=3.4	Bad Neuenahr-A	98.26	39	eP	Pdif	00	15	22.4	+1.1
OSSC	comp-Z,36nm,1.6s	Osservatorio P	98.35	47	Iamb	Iamb	00	19	18.5	
ZCCA	comp-Z,22nm,0.9s	Zocca	98.46	46	Iamb	Iamb	00	16	02.2	
DAVOX	comp-Z,5.0m,20.4s,baz=244,slow=34	Davos/Discham	98.60	43	LR	LR	00	58	03.3	
DAVO	comp-Z,5.0m,20.4s	Salir	98.60	45	IAMS_20	IAMS_20	01	00	32.0	
DAVA	comp-Z,14nm,1.2s	Damuels	98.78	43	iP	Pdif	00	15	24.9	+0.9
TNS	comp-Z,37nm,1.5s,baz=250,slow=4.6	Tanus Mts	98.95	40	eP	Pdif	00	15	25.4	+0.8
UBR	comp-Z,37nm,1.5s,baz=250,slow=4.6	Ueberruh	99.06	42	eP	Pdif	00	15	26.0	+0.8
MURB	comp-Z,39nm,1.7s,baz=267,slow=4.6	Monte Urbino	99.14	47	IAMS_20	IAMS_20	01	05	25.3	
FETA	comp-Z,4.0m,21.0s	Feichten	99.23	43	iP	Pdif	00	15	27.3	+1.3
FETA	comp-Z,14nm,1.3s,SNR=6.0	Feichten	99.23	43	eP	Pdif	00	19	22.9	-6.2
IBBN	comp-Z,15nm,1.4s	Ibbenburen	99.32	38	eP	Pdif	00	15	27.1	+1.0
RETA	comp-Z,46nm,1.4s,baz=250,slow=4.6	Reutte	99.41	43	iP	Pdif	00	15	27.5	+0.8

AQU	comp-Z,35nm,1.2s	L'Aquila	99.44	48	Iamb	Iamb	00	15	57.5	
CTI	comp-Z,33nm,1.4s	Castel Tesino	99.49	44	P	Pdif	00	15	28.3	+1.2
CTI	comp-Z,4.0m,19.0s	Castel Tesino	99.49	44	P	Pdif	00	15	28.3	+1.2
CTI	comp-Z,4.0m,19.0s	Castel Tesino	99.49	44	P	IAMS_20	01	00	26.5	
A36M	comp-Z,4.0m,19.0s	Sachs Harbour	99.50	345	Pdif	Pdif	00	15	26.1	-0.3
TGL	comp-Z,35nm,1.4s,SNR=9.5	Tana Glacier	99.51	332	IAMS_20	IAMS_20	01	03	37.4	
MOTA	comp-Z,22nm,1.6s,SNR=6.1	Moosalm	99.58	43	iP	Pdif	00	15	28.8	+1.3
MOTA	comp-Z,11nm,1.4s	Moosalm	99.58	43	iP	PP	00	19	24.9	-6.8
SQTA	comp-Z,20nm,1.1s,SNR=5.9	Sankt Quirin	99.60	43	iP	Pdif	00	15	29.0	+1.4
CRQM	comp-Z,5.0m,20.0s	Cirque	99.65	332	IAMS_20	IAMS_20	01	05	01.5	
PAOL	comp-Z,4.0m,19.0s	Paolisi	99.84	50	IAMS_20	IAMS_20	01	05	46.0	
MCARA	comp-Z,5.0m,22.0s	McCarthy VSAT	99.87	332	IAMS_20	IAMS_20	00	58	50.8	
WATA	comp-Z,20nm,1.4s,SNR=6.3	Walderalm	99.88	43	iP	Pdif	00	15	30.1	+1.2
WATA	comp-Z,12nm,1.2s	Walderalm	99.88	43	iP	PP	00	19	27.5	-6.5
WTTA	comp-Z,35nm,1.4s,SNR=9.5	Wattenberg	99.89	43	iP	Pdif	00	15	30.0	+1.0
FUR	comp-Z,31nm,1.3s,baz=250,slow=4.6	Furstenfeldbru	99.97	42	eP	Pdif	00	15	30.1	+1.0
VRDI	comp-Z,4.0m,21.0s	Verde Repeater	99.99	332	IAMS_20	IAMS_20	00	15	29.5	+0.4
GLB	comp-Z,3.0m,20.0s	Gilahina Butte	100.23	332	IAMS_20	IAMS_20	00	59	33.5	
ABTA	comp-Z,11nm,1.2s	Abfalterbach	100.29	44	iP	Pdif	00	15	32.0	+1.4
ABTA	comp-Z,13nm,1.5s	Rethem/Aller	100.39	38	eP	Pdif	00	15	32.3	+1.6
EGAG	comp-Z,54nm,1.5s,baz=250,slow=4.6	Eagle	100.57	336	IAMS_20	IAMS_20	01	03	16.3	
CLZ	comp-Z,31nm,1.4s,baz=250,slow=4.6	Clausthal	100.66	39	eP	Pdif	00	15	33.4	+1.2
NRDL	comp-Z,35nm,1.5s,baz=250,slow=4.6	Niedersach Re	100.73	38	eP	Pdif	00	15	33.7	+1.5
ACER	comp-Z,4.0m,18.0s	Acerenza	100.75	50	IAMS_20	IAMS_20	01	09	03.7	
TRI	comp-Z,4.0m,18.0s	Trieste	100.77	45	IAMS_20	IAMS_20	00	59	38.5	
RJOB	comp-Z,17nm,1.7s,baz=250,slow=4.6	Jochberg	100.79	43	eP	Pdif	00	15	33.5	+0.7
SGRT	comp-Z,10.0m,20.0s	San Giovanni R	100.90	50	IAMS_20	IAMS_20	01	06	04.2	
KBA	comp-Z,8.1nm,1.3s	Koelnbreispers	100.93	44	iP	Pdif	00	15	34.6	+0.9
KBA	comp-Z,12nm,1.3s	Koelnbreispers	100.98	44	iP	Pdif	00	15	35.2	+1.5
MYKA	comp-Z,15nm,1.2s	Myka	101.03	331	IAMS_20	IAMS_20	01	04	37.5	
HINZ	comp-Z,11nm,1.3s	Hinchbrook	101.03	331	IAMS_20	IAMS_20	01	04	37.5	
ROZ	comp-Z,10.0m,20.0s	Rotzenmuehle	101.08	41	eP	Pdif	00	15	35.1	+1.2
MANZ	comp-Z,19nm,1.4s,baz=250,slow=4.6	Manzenberg	101.08	41	eP	Pdif	00	15	35.3	+1.2
FID	comp-Z,4.0m,21.0s	Port Fidalgo	101.15							

11d Oh

2014 APR

Table with columns: ZEI, Tsey, Frequency, Bandwidth, SNR, and various status codes (PKIKP, PKP, etc.). Rows include stations like GROG, CTAs, NWAOs, and various other call signs.

Table with columns: YAK, Frequency, Bandwidth, SNR, and various status codes (PKIKP, PKP, etc.). Rows include stations like PSAA, KURK, KURB, ZALV, and many others.

Table with columns: TLY, Talaya, Frequency, Bandwidth, SNR, and various status codes (PKIKP, PKP, etc.). Rows include stations like TLY, TLY, TLY, MAJO, MAJO, MAJO, and many others.

11d 1h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MPU Maple Canyon, RSD Black Hills, and many others.

2014 APR

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSH Zalesovo Array, ZAAO Zalesovo Beam, and many others.

740

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CCIG San Juan, CCIG Comiant, and many others.

Table with columns: SPITS, Spitsbergen Ar, 44.06 12 LR, LR, 03 05 19.6, etc. Includes stations like M48A Edgerton, O49A Covington, Y55A Saluda, etc.

Table with columns: SDCO, Great Sand Dun, 60.43 297 P, P, 02 51 51.8 +0.6, etc. Includes stations like PDAR Pinedale Array, PDAR Pineale Array, INK Inuvik, etc.

Table with columns: RC01, Rabbit Creek A, 71.03 335 Iamb, Iamb, 02 53 00.5, etc. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IUG luzhnyay, IUG 4.5nm,0.3s, JBG Jabagly, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHJO Chosi, CHJO Sammumatsuo, JMSM Mt. Diabolo Mer, etc.

Table with columns: NEW, Newport, 93.44, 42, P, P, 07 20 32.0 -0.2, etc. Includes rows for Newport, Iron Mountain, Canyon, Glamis, etc.

Table with columns: ARU, Arti, 99.05, 326, J/P, Pdiff, Pmax, 07 20 55.5 -1.8, etc. Includes rows for Arti, Mesa Verde, Paradox Valley, etc.

Table with columns: KSCO, Kaye Shedlock, 103.71, 52, Pdiff, Pdiff, 07 21 20.0 +1.3, etc. Includes rows for Kaye Shedlock, Kirov, Mullshoe, etc.

BRTN	Keskin Array B	118.16 312	PKPdf	07 26 03.0 -1.0
N50A	Nevada	118.17 47	PKIKP	07 26 03.0 -0.8
KURC	Kurucastle-Bar	118.20 314	eP	07 26 02.5 -1.3
MERS	Mersin	118.21 308	eP	07 26 04.8 +0.3
WYXV	Yavik	118.21 311	eP	07 26 03.0 -0.1
D50A	G1974 Best Tow	118.27 39	PKIKP	07 26 03.0 -0.8
PBUR	Paburge	118.41 332	eP	07 26 04.1 +0.4
X51A	Calhoun	118.41 54	PKIKP	07 26 03.4 -1.0
X51A	Calhoun	118.41 54	PKPdf	07 26 03.2 -1.3
MMLI	Mount Malkishu	118.43 303	eP	07 26 05.8 +1.2
ACSO	Alum Creek Sta	118.45 48	PKIKP	07 26 03.4 -0.9
Q51A	Peebles	118.52 49	PKIKP	07 26 03.5 -1.1
R51A	Hillsboro	118.53 50	PKIKP	07 26 03.4 -1.1
MATO	Matagami	118.53 36	PKIKP	07 26 03.0 -1.2
HOPE	Hope Point	118.57 172	PKIKP	07 26 04.0 -0.1
HOPE	Hope Point	118.57 172	PKPdf	07 26 04.0 -0.1
151A	Gray	118.59 51	PKIKP	07 26 03.9 -0.8
D51A	Lot 18 Range I	118.59 39	PKIKP	07 26 03.3 -1.1
KIZK	Mersin	118.60 308	eP	07 26 04.7 0.0
P51A	Williamsport	118.60 48	PKIKP	07 26 03.5 -1.2
P51A	Williamsport	118.60 48	PKPdf	07 26 03.4 -1.2
AFLS	Afar-Bala (An	118.65 312	eP	07 26 03.3 -0.6
SFR	Sultanhani-AKS	118.66 310	eP	07 26 02.3 -2.6
F51A	Arnstein	118.69 41	PKIKP	07 26 03.6 -1.0
S51A	Beattyville	118.69 51	PKIKP	07 26 04.1 -0.8
N51A	Ashland	118.69 47	PKIKP	07 26 04.0 -0.8
M51A	Elyria	118.70 46	PKIKP	07 26 03.9 -0.8
E51A	Listowel	118.72 43	PKIKP	07 26 03.8 -0.9
IS1A	G1948 Merrick	118.73 40	PKIKP	07 26 03.8 -0.8
ANTO	Ankara	118.74 312	PKPdf	07 26 04.9 -0.1
ANTO	Ankara	118.74 312	eP	07 26 05.1 0.0
ANTO	Ankara	118.74 312	eP	07 26 05.4 +0.3
ANTO	Ankara	118.74 312	PKIKP	07 26 04.9 -0.1
K51A	Iona Station	118.74 45	PKIKP	07 26 03.8 -1.0
O51A	Pataaskala	118.75 48	PKIKP	07 26 04.1 -0.8
LOD	Lodumlu	118.76 312	eP	07 26 05.1 0.0
EREN	Erenkoy	118.80 307	eP	07 26 05.0 -0.1
KULU	Kulu	118.82 311	eP	07 26 04.3 -0.9
SORM	Soroca	118.84 322	PKIKP	07 26 04.6 -0.2
SORM	Soroca	118.84 322	PKIKP	07 26 04.6 -0.2
SORM	Soroca	118.84 322	PKIKP	07 26 04.6 -0.2
SUW	Suwalki	118.91 330	ePKPdf	07 37 12.6 +2.1
SUW	Suwalki	118.91 330	eL	08 17 26.0
KEBE	Keben-Mersin	118.95 308	eP	07 26 05.7 +0.2
KIS	Kishinev	119.02 321	eP	07 22 24.0 -2.4
KIS	Kishinev	119.02 321	ePKP	07 26 05.0 -0.2
KIS	Kishinev	119.02 321	PKIKP	07 26 05.0 -0.2
KIS	Kishinev	119.02 321	PKIKP	07 27 28.0 +2.9
KIS	Kishinev	119.02 321	ePS	07 36 40.0 -3.4
KIS	Kishinev	119.02 321	PKIKP	07 36 20.0 -1.0
IKL	Isikli	119.02 308	eP	07 26 04.7 -0.8
MILM	Milestii Mici	119.05 321	PKIKP	07 26 05.1 -0.2
MILM	Milestii Mici	119.05 321	PKIKP	07 36 20.7 -0.1
SS2A	Salyersville	119.08 50	PKIKP	07 26 04.7 -0.9
F52A	Sundridge	119.12 41	PKIKP	07 26 04.6 -0.9
AKKU	Akkuyu-Mersin	119.14 308	eP	07 26 05.6 -0.2
HFS	Hafsoy	119.16 339	PKIKP	07 36 19.6 -1.3
TEVE	Tevekatik-Mers	119.16 308	eP	07 26 05.1 -0.8
H52A	Weyvale	119.18 42	PKIKP	07 26 04.6 -0.9
HRFI	Mount Harif	119.18 301	eP	07 26 06.8 +0.7
Y52A	Shelburne	119.20 43	PKIKP	07 26 04.8 -0.9
Y52A	Liburn	119.21 55	PKIKP	07 26 05.3 -0.8
N52A	McCinn's Farm,	119.22 47	PKIKP	07 26 05.3 -0.5
M52A	Chesterland	119.23 46	PKIKP	07 26 05.1 -0.7
R52A	Cattlettsburg	119.23 50	PKIKP	07 26 05.0 -0.9
PS2A	Corning	119.25 48	PKIKP	07 26 04.7 -1.2
DOMB	Dombras	119.26 342	ePdf	07 22 27.1 -0.1
DOMB	Dombras	119.26 342	eP	07 22 27.5 +0.2
DOMB	Dombras	119.26 342	eP	07 27 28.7 +0.6
DOMB	Dombras	119.26 342	eSKSac	07 32 55.6 -0.4
DOMB	Dombras	119.26 342	eSP	07 37 10.9 +3.7
DOMB	Dombras	119.26 342	eSS	07 43 49.4 +6.4
DOMB	Dombras	119.26 342	IVMs_BB	08 14 18.3
K52A	Tillsburg	119.28 44	PKIKP	07 26 04.6 -1.2
J52A	Paris	119.28 44	PKIKP	07 26 04.8 -1.0
MOL	Molde	119.29 343	ePdf	07 22 25.2 -2.0
MOL	Molde	119.29 343	ePP	07 27 27.5 +1.3
MOL	Molde	119.29 343	ePS	07 37 16.8 +1.4
MOL	Molde	119.29 343	eSS	07 43 48.4 +5.2
MOL	Molde	119.29 343	IVMs_BB	08 17 38.5
TS2A	Hallie	119.30 51	PKIKP	07 26 05.3 -0.8
NB201	NORSAR Array S	119.31 341	PKPdf	07 26 04.8 -0.7
EIL	Eilat	119.32 300	PKP	07 26 06.0 -0.3
EIL	Eilat	119.32 300	PKIKP	07 26 06.7 +0.3
O52A	Adamsville	119.32 47	PKIKP	07 26 05.0 -1.0
Q52A	Bidwell	119.34 49	PKIKP	07 26 05.0 -1.1
NB2	NORSAR Subarray1	119.35 341	PKPdf	07 26 05.0 -0.5
NB2	NORSAR Subarray2	119.35 341	PKPdf	07 26 05.0 -0.5
NOA	NORSAR Array B	119.35 341	PKP	07 26 04.7 -0.8
NOA	NORSAR Array B	119.35 341	PKIKP	07 36 19.4 -0.7
BERE	Bereket-Mersin	119.35 308	eP	07 26 05.9 -0.5
VLDQ	Val d'Or	119.36 38	PKIKP	07 26 04.0 -1.8
E52A	Mattawa	119.36 40	PKIKP	07 26 05.1 -0.8
NC602	NORSAR Array S	119.46 340	ePdf	07 22 29.0 -0.9
NC602	NORSAR Array S	119.46 340	ePKPdf	07 26 08.5 +2.7
NC602	NORSAR Array S	119.46 340	ePP	07 27 29.5 +2.0
NC602	NORSAR Array S	119.46 340	eSKSac	07 37 27.7 +1.0
NC602	NORSAR Array S	119.46 340	ePS	07 37 18.8 +1.6
NC602	NORSAR Array S	119.46 340	SS	07 43 48.3 +2.7
NC602	NORSAR Array S	119.46 340	IVMs_BB	08 16 09.1
TEKE	Tekelli-Mersin	119.49 308	eP	07 26 06.2 -0.3
LADK	Ladik-KONYA	119.53 310	eP	07 26 05.5 -1.1
KZIT	Kziot	119.57 302	eP	07 26 06.5 -0.3
LEOM	Leova	119.59 320	PKIKP	07 26 06.7 +0.3
LEOM	Leova	119.59 320	PKIKP	07 26 06.7 +0.3
NAC0N	NORSAR Array S	119.60 341	ePKPdf	07 26 06.0 -0.0
CSS	Mathiatis	119.60 307	PKIKP	07 26 05.8 -0.9
CSS	Mathiatis	119.60 307	PKIKP	07 26 04.7 -2.0
S53A	Crawfordville	119.62 59	PKIKP	07 26 06.8 -0.1
SADO	Sadowa	119.63 42	PKIKP	07 26 05.7 -0.8
D53A	Lac Vavie, Po	119.64 39	PKIKP	07 26 05.6 -0.8
T53A	Wise	119.68 51	PKIKP	07 26 06.3 -0.5
I53A	Kortright Cn E	119.68 43	PKIKP	07 26 05.9 -0.7

X53A	baz=291	Estanleto	119.68 54	PKIKP	07 26 06.4 -0.5
KIZT	Kizilcal	119.70 311	eP	07 26 05.8 -1.2	
MDUB	Mudurnu	119.73 313	eP	07 26 06.5 -0.3	
O53A	New Philadelphia	119.74 47	PKIKP	07 26 06.2 -0.6	
M53A	WI Miller and	119.75 46	PKIKP	07 26 06.1 -0.7	
R53A	Hurricane	119.76 49	PKIKP	07 26 06.1 -0.8	
GODG	Godfrey	119.79 55	PKIKP	07 26 06.3 -0.8	
AUSN	SIVIRHISAR	119.79 312	eP	07 26 06.2 -0.9	
SVRH	Sivrihisar-ESK	119.80 312	eP	07 26 06.3 -3.5	
S53A	Williamson	119.80 50	PKIKP	07 26 06.3 -0.8	
VASR	Vaslui	119.81 321	PKIKP	07 26 06.6 -0.1	
VASR	Vaslui	119.81 321	PKIKP	07 36 17.1 -1.0	
N53A	Lisbon	119.83 46	PKIKP	07 26 06.5 -0.5	
G53A	Haliburton	119.84 41	PKIKP	07 26 06.1 -0.8	
V53A	Wassiole	119.84 48	PKIKP	07 26 06.5 -0.6	
PSDK	Lodwar	119.85 270	P	07 26 09.0 +1.1	
JURR	Jurrua	119.85 318	PKIKP	07 26 03.9 -3.0	
JURR	Jurrua	119.85 318	PKIKP	07 36 09.9 0.0	
BG3	Lake Jocassee	119.86 53	PKIKP	07 26 06.7 -0.6	
L53A	Girard	119.87 45	PKIKP	07 26 06.0 -1.1	
ALGO	Algonquin Park	119.88 40	PKIKP	07 26 05.9 -1.0	
LEF	Lefka	119.92 307	PKIKP	07 26 06.3 -1.0	
LEF	Lefka	119.92 307	eP	07 26 07.4 -0.1	
Q53A	Leroy	119.92 49	PKIKP	07 26 06.0 -1.2	
E53A	Dumoine, Ponti	119.95 39	PKIKP	07 26 06.2 -0.8	
ERPA	Erie	120.00 45	PKIKP	07 26 06.2 -1.1	
ERPA	Erie	120.00 45	PKIKP	07 26 06.6 -0.7	
KLNR	Kalinograd	120.03 332	PKIKP	07 26 07.9 +1.0	
ALLY	Albanyhys Cole	120.05 45	PKIKP	07 26 06.2 -1.2	
H53A	Bocbaygeon	120.07 42	PKIKP	07 26 06.7 -0.6	
G54A	Lake Saint Pet	120.08 41	PKIKP	07 26 06.5 -0.8	
GAZI	Gazipasa	120.09 308	eP	07 26 07.0 -0.6	
TIGA	Tifton	120.10 58	PKIKP	07 26 07.2 -0.6	
TOPG	Topog	120.14 319	PKIKP	07 26 07.0 -0.4	
TOPG	Topog	120.14 319	PKIKP	07 36 15.3 -1.5	
CIFR	Cifere, Eski	120.17 312	eP	07 26 07.9 0.0	
CFT	Caraiulu	120.17 319	PKIKP	07 26 07.4 -0.1	
CFR	Caraiulu	120.17 319	PKIKP	07 36 15.9 -0.8	
CFR	Caraiulu	120.17 319	PKIKP	07 26 07.4 -0.1	
E54A	Lac Duplat, Po	120.23 39	PKIKP	07 26 06.6 -0.9	
GULT	Gulveren	120.23 313	eP	07 26 05.8 -2.1	
D54A	Lac Fusel, La	120.25 38	PKIKP	07 26 06.4 -1.2	
SAUV	Serdivan-Sakar	120.27 314	eP	07 26 07.2 -0.6	
TIRR	Tirgusor	120.27 318	PKIKP	07 26 08.1 +0.3	
TIRR	Tirgusor	120.27 318	PKIKP	07 26 08.1 +0.3	
TIRR	Tirgusor	120.27 318	PKIKP	07 36 14.3 -2.0	
TIRR	Tirgusor	120.27 318	PKIKP	07 36 14.3 +0.3	
SRCK	Saricakaya, Es	120.29 313	PKIKP	07 26 07.3 -0.1	
GHRH	GHRH	120.29 320	PKIKP	07 26 08.9 +1.2	
GHRH	GHRH	120.29 320	PKIKP	07 36 14.4 -1.9	
BOSA	Boshof	120.29 321	PKIKP	07 26 08.1 -0.3	
BOSA	Boshof	120.29 321	PKIKP	07 36 15.1 -0.9	
BOSA	Boshof	120.29 321	PKIKP	07 26 08.3 -0.1	
BOSA	Boshof	120.29 321	PKIKP	07 26 08.3 -0.1	
U54A	Nelsons Funny	120.35 51	PKIKP	07 26 07.3 -0.9	
O54A	Avella	120.37 47	PKIKP	07 26 07.5 -0.5	
MFRTR	Murfatlar	120.38 318	PKIKP	07 26 08.5 +0.5	
MFRTR	Murfatlar	120.38 318	PKIKP	07 36 15.2 -0.7	
S54A	Dingoes, Beckl	120.39 50	PKIKP	07 26 07.3 -0.9	
N54A	Moraine State	120.39 46	PKIKP	07 26 07.4 -0.7	
T54A	Zewell	120.39 51	PKIKP	07 26 07.2 -1.0	
MANR	Mangalia	120.40 318	PKIKP	07 26 08.7 +0.7	
Q54A	Coxs Mills	120.40 48	PKIKP	07 26 07.3 -0.8	
X54A	Belton	120.41 54	PKIKP	07 26 07.7 -0.6	
W54A	Cherokee Point	120.43 53	PKIKP	07 26 08.1 -0.2	
L54A	Sinclairville	120.43 44	PKIKP	07 26 07.2 -0.9	
M54A	Oli Creek State	120.44 45	PKIKP	07 26 07.5 -0.7	
V54A	Nebo	120.45 52	PKIKP	07 26 07.8 -0.5	
BORA	Eskisehir	120.45 313	eP	07 26 08.5 +0.1	
P54A	Burton	120.47 48	PKIKP	07 26 07.7 -0.6	
HARR	Harsova	120.50 319	PKIKP	07 26 08.8 +0.6	
HARR	Harsova	120.50 319	PKIKP	07 36 15.4 0.0	
HARR	Harsova	120.50 319	PKIKP	07 26 08.8 +0.6	
R54A	Victor	120.52 49	PKIKP	07 26 07.4 -1.1	
J54A	Appleton	120.53 43	PKIKP	07 26 07.4 -0.8	
J54A	Appleton	120.53 43	PKIKP	07 26 07.6 -0.6	
SKAR	Skarslia	120.55 342	ePdf	07 22 35.3 +2.4	
SKAR	Skarslia	120.55 342	ePKPdf	07 26 10.1 +2.2	
SKAR	Skarslia	120.55 342	eP	07 27 39.0 +4.0	
SKAR	Skarslia	120.55 342	eSKSac	07 36 58.5 +1.1	
SKAR	Skarslia	120.55 342	SS	07 37 26.1 -0.8	
SKAR	Skarslia	120.55 342	IVMs_BB	08 18 35.6	
TESR	Tescani	120.58 321	PKIKP	07 26 08.4 +0.1	
HOZ	Hodges	120.58 54	PKIKP	07 26 07.4 -0.4	
LVV	L'vov	120.61 325	eP	07 26 33.2 -0.2	
LVV	L'vov	120.61 325	e	07 26 07.6	
LVV	L'vov	120.61 325	e		

Table with columns: ID, Name, Date, Time, Status, and various codes. Includes entries like 556A Natural Bridge, SIMA Simav-Kutahya, RAZG Razgrad, etc.

Table with columns: ID, Name, Date, Time, Status, and various codes. Includes entries like BINY Binghamton, J58A Remsen, Q58A Fox Den Farm, etc.

Table with columns: ID, Name, Date, Time, Status, and various codes. Includes entries like D60A Saint Jean D'O, SMG Samos, I60A Shorham, etc.

Table with columns: IOMK, Kirk Michael, 129.71 345 eP, PKPdf, 07 26 25.3 -0.1, IAMS_20, IAMS_20, 08 24 56.3, etc.

Table with columns: ECHA, ECH Chief, 141.97 324 P, PKPdf, 07 26 45.5 -3.3, MVO, MVO, 142.05 338 ePKP, PKPdf, 07 26 42.2 -6.7, etc.

Table with columns: OUMZ, OUZ, 150.40 327 P, PKPdf, 07 27 05.0 +1.6, SHEL, SHEL, 150.59 220 PKIKP, PKPdf, 07 27 11.8 +2.0, etc.

Table with columns: KRSC 11 07:22:05.9, 1.6, 50.09N, 159.02E, h67km, 36km, ML3.7, East of Kuril Islands, Code, Station Name, Az, Phase ID, Time Res, etc.

Table with columns: ISK 11 07:23:06.6, 40.28N-25.75E, h12km, ML2.5/17, THE 11 07:23:07.1, 40.29N-25.74E, h11km, 1km, ML2.1/7, Error ellipse: s-maj=1.6km s-min=0.6km az=320.0, DDA 11 07:23:08.4, 40.25N-25.86E, h7km, 2km, ML2.7, etc.

ANMO Albuquerque	100.86	56	P	Pdfl	08 30 33.6	-0.5
ANMO Albuquerque	100.86	56	P	Pdfl	08 30 37.3	+3.2
ANMO Albuquerque	100.86	56	IAMS_20	IAMS_20	09 14 20.2	
MSFE Esma-Masafi	100.86	294	i	Pdfl	08 30 32.7	-1.4
HATD Hatta, Dubai	100.86	294	i	Pdfl	08 30 34.2	+0.1
HATD Hatta, Dubai	100.86	294	P	Pdfl	08 30 34.2	+0.1
SHME Shamm	100.91	295	i	Pdfl	08 30 34.1	-0.2
ASHO Ashiyah	100.92	294	i	Pdfl	08 30 35.5	+1.1
ASHO Ashiyah	100.92	294	P	Pdfl	08 30 36.3	+1.9
LAO LASA Array	100.95	44	P	Pdfl	08 30 33.4	-0.6
LAO LASA Array	100.95	44	IAMS_20	IAMS_20	09 09 58.8	
SHAO Shalim	100.97	287	i	Pdfl	08 30 35.9	+1.2
ALNE Al Ain	101.18	293	i	Pdfl	08 30 38.1	+2.6
N23A Red Feather La	101.27	50	P	Pdfl	08 30 35.2	-0.7
NAZ Nazwa, Dubai	101.30	294	P	Pdfl	08 30 37.5	+1.6
NAZ Nazwa, Dubai	101.30	294	P	Pdfl	08 30 37.6	+1.6
HPIG comp=2.7,0m,20.0s	101.36	64	IAMS_20	IAMS_20	09 10 19.2	
VNA3 Neumayer Olymp	101.43	185	P	Pdfl	08 30 39.0	+3.4
VNA2 Neumayer-Watz	101.45	186	P	Pdfl	08 30 38.1	+2.1
ISCO Idaho Springs	101.53	51	P	Pdfl	08 30 36.2	-0.9
ISCO Idaho Springs	101.53	51	IAMS_20	IAMS_20	09 12 23.8	
PHWY Pilot Hill	101.63	49	IAMS_20	IAMS_20	09 14 30.2	
SDCO Great Sand Dun	101.64	53	P	Pdfl	08 30 37.5	-0.1
SDCO Great Sand Dun	101.64	53	IAMS_20	IAMS_20	09 12 12.7	
MNTX Cornudas Mount	101.72	59	IAMS_20	IAMS_20	09 10 41.3	
RES Resolute Bay	101.80	15	IAMS_20	IAMS_20	09 17 30.9	
SOCY Socotra	102.14	281	P	Pdfl	08 30 41.4	+1.3
DGMT Dagmar	102.24	42	P	Pdfl	08 30 39.4	-0.3
DGMT Dagmar	102.24	42	IAMS_20	IAMS_20	09 17 44.9	
RBK Rabtuk	102.29	286	P	Pdfl	08 30 42.0	+1.4
RSSD Black Hills	102.58	46	P	Pdfl	08 30 41.6	0.0
WHFO Wadi Hawf	102.73	287	P	Pdfl	08 30 44.2	+1.7
FFC Flin Flon	103.06	35	IAMS_20	IAMS_20	09 15 44.2	
ABTO Aybut	103.15	286	P	Pdfl	08 30 46.9	+2.5
TXAR Lajitas Array	103.17	62	Pdfl	Pdfl	08 30 45.5	+1.2
TXAR Lajitas Array	103.17	62	PP	PP	08 34 59.6	-0.3
TXAR Lajitas Array	103.17	62	PKKPbc	PKKPbc	08 46 39.2	-1.4
KSCO Kaye Shedock	103.87	52	IAMS_20	IAMS_20	09 14 11.6	
MSXT Muleshoe	103.91	57	IAMS_20	IAMS_20	09 13 06.9	
ZAIG Zacatecas	104.05	68	IAMS_20	IAMS_20	09 14 05.4	
ABPO Ambipompanon	104.39	248	IAMS_20	IAMS_20	09 25 24.6	
E28A Huff	104.75	44	IAMS_20	IAMS_20	09 12 20.6	
AMTX Amarillo	104.79	56	IAMS_20	IAMS_20	09 13 29.1	
MDND Madlock	105.36	42	IAMS_20	IAMS_20	09 16 12.4	
SPITS Spitzbergen Ar	105.62	352	PKKPbc	PKKPbc	08 46 33.1	-1.4
CBKS Cedar Bluff	106.13	52	IAMS_20	IAMS_20	09 16 50.5	
SUSD Miller	106.19	46	IAMS_20	IAMS_20	09 17 09.8	
JCT Junction City	106.51	60	IAMS_20	IAMS_20	09 12 55.4	
ABTX Abilene, Hawle	106.57	58	IAMS_20	IAMS_20	09 17 51.4	
W32A Winter Ranch,	106.59	54	IAMS_20	IAMS_20	09 13 17.7	
BGNE Belgrade	107.11	49	IAMS_20	IAMS_20	09 19 49.3	
UNM Universidad Na	107.12	72	IAMS_20	IAMS_20	09 18 05.2	
WMOK Wichita Mounta	107.18	56	P	PKIKP	08 35 11.2	+0.1
WMOK Wichita Mounta	107.18	56	IAMS_20	IAMS_20	09 15 13.4	
D32A Dogwood Acres,	107.19	43	IAMS_20	IAMS_20	09 15 07.0	
LVZ Lovozero	107.41	340	IAMS_20	IAMS_20	09 22 20.7	
ULM Lac du Bonnet	107.42	39	Pdfl	Pdfl	08 31 00.3	-2.3
ULM Lac du Bonnet	107.42	39	PKIKP	PKIKP	08 35 10.6	-0.4
AGMN Agassiz Nation	107.77	41	IAMS_20	IAMS_20	09 14 16.6	
F33A 5 Mile Ranch,	107.88	44	IAMS_20	IAMS_20	09 14 03.3	
APA Apatity	107.98	340	i	Pdfl	08 31 22.6	+1.8
KLMR Klimovskoe	108.19	332	eP	Pdfl	08 31 04.3	-1.5
KLMR Klimovskoe	108.19	332	eP	Pdfl	08 31 04.3	-1.5
KLMR Klimovskoe	108.19	332	eP	Pdfl	08 31 09.7	
KLMR Klimovskoe	108.19	332	eP	Pdfl	08 35 11.0	-1.1
OKCFA Oklahoma City	108.22	55	IAMS_20	IAMS_20	09 16 48.8	
735A Kennedy	108.31	62	IAMS_20	IAMS_20	09 13 52.0	
WHTX Lake Whitney,	108.45	59	IAMS_20	IAMS_20	09 12 01.3	
KSU1 Kansas State U	108.53	51	P	PKIKP	08 35 13.8	+0.3
T35A Sooner Cattle	108.84	53	IAMS_20	IAMS_20	09 15 30.2	
KEV Kevo	108.87	343	IAMS_20	IAMS_20	09 19 57.3	
ARCES ARCESS Array B	109.43	343	PKIKP	PKIKP	08 35 13.4	-0.9
ARCES ARCESS Array B	109.43	343	PKKPbc	PKKPbc	08 46 19.2	-3.1
TUL1 Leonard	109.52	54	IAMS_20	IAMS_20	09 15 00.3	
237A Washetta, Mont	109.59	59	IAMS_20	IAMS_20	09 17 17.3	
X37A Clayton	109.99	56	IAMS_20	IAMS_20	09 17 55.8	
DAG Danmarks Havn	110.01	358	i	PKIKP	08 35 15.5	+0.4
I37A Lemond, Waseca	110.21	46	IAMS_20	IAMS_20	09 23 18.0	
SPMN Marine of St.	110.40	44	IAMS_20	IAMS_20	09 18 27.0	
Z38A Mt. Pleasant	110.44	57	IAMS_20	IAMS_20	09 17 19.7	
U38A Gravette	110.59	54	IAMS_20	IAMS_20	09 17 31.6	
KBZ Khabaz	110.62	314	PKIKP	PKIKP	08 35 17.5	+0.3
KBZ Khabaz	110.62	314	PKIKP	PKIKP	08 46 17.7	0.0
EYMN Ely	110.71	41	P	PKIKP	08 35 18.3	+1.0
KIV Kislovodsk	110.73	314	ePKIKP	PKIKP	08 35 14.4	-3.1
MOS Moscow	110.83	327	i	PKIKP	08 35 17.8	+0.6
MOS Moscow	110.83	327	e	PKIKP	08 35 52.2	

HHAR Hobbs	110.97	54	IAMS_20	IAMS_20	09 17 33.6	
E38A The Farm, Brul	110.97	43	IAMS_20	IAMS_20	09 15 02.0	
LPSR Galich ya Gora	111.09	324	i	PKIKP	08 35 15.6	-2.2
LPSR Galich ya Gora	111.09	324	i	PKIKP	08 35 15.6	-2.2
LPSR Galich ya Gora	111.09	324	i	PKIKP	08 35 15.6	-2.2
LPSR Galich ya Gora	111.09	324	i	PKIKP	08 35 15.6	-2.2
W39A Magazine	111.22	55	P	PKIKP	08 35 18.6	0.0
W39A Magazine	111.22	55	IAMS_20	IAMS_20	09 18 21.4	
VSR Storzhevoeye	111.34	323	i	PKIKP	08 35 15.5	-2.8
VSR Storzhevoeye	111.34	323	i	PKIKP	08 35 15.5	-2.8
MIAR Mount Ida	111.47	56	P	PKIKP	08 35 18.5	-0.6
MIAR Mount Ida	111.47	56	P	PKIKP	08 35 18.5	-0.6
OBN Obninsk	111.61	327	i	PKIKP	08 35 19.8	+1.1
OBN Obninsk	111.61	327	i	PKIKP	08 35 58.9	
OBN Obninsk	111.61	327	i	PKIKP	08 35 58.9	
OBN Obninsk	111.61	327	i	PKIKP	08 35 58.9	
U40A Yellow	111.83	54	P	PKIKP	08 35 18.9	-0.8
WLAR White Oak Lake	111.95	57	IAMS_20	IAMS_20	09 19 00.7	
X40 Borcka	111.97	312	i	PKIKP	08 35 17.9	-2.0
B4CA Basin Creek Fa	112.08	56	IAMS_20	IAMS_20	09 17 29.3	
G40A Rib Lake	112.19	44	IAMS_20	IAMS_20	09 20 33.3	
WHAR Wacky Hollow	112.42	55	IAMS_20	IAMS_20	09 15 14.3	
W41B Gary Mavity, V	112.47	55	P	PKIKP	08 35 19.8	-1.2
FCAR Ozark Folk Cen	112.48	54	IAMS_20	IAMS_20	09 17 20.6	
N41A Harden Midland	112.67	49	IAMS_20	IAMS_20	09 18 43.4	
JFWS Jewell Farm	112.67	46	P	PKIKP	08 35 19.8	-1.3
JFWS Jewell Farm	112.67	46	IAMS_20	IAMS_20	09 20 25.3	
CCM Cathedral Cave	112.84	52	P	PKIKP	08 35 20.3	-1.3
CCM Cathedral Cave	112.84	52	P	PKIKP	08 35 20.3	-1.3
SOC Sochi	112.92	314	i	PKIKP	08 35 19.2	-2.4
SOC Sochi	112.92	314	i	PKIKP	08 36 13.9	
SOC Sochi	112.92	314	i	PKIKP	08 36 13.9	
SOC Sochi	112.92	314	i	PKIKP	08 36 13.9	
ATD Arta Tunnel	112.99	280	IAMS_20	IAMS_20	09 20 23.0	
CCAR Carr Creek	113.03	56	IAMS_20	IAMS_20	09 20 21.3	
T42A Van Buren	113.13	53	IAMS_20	IAMS_20	09 19 54.7	
LCAR Lake Charles	113.23	54	IAMS_20	IAMS_20	09 18 24.4	
L42A Oliver, Pol	113.29	47	IAMS_20	IAMS_20	09 17 15.6	
I42A Draeger Farm,	113.40	45	IAMS_20	IAMS_20	09 15 51.5	
F42A Maple Grove Fa	113.48	43	IAMS_20	IAMS_20	09 18 50.4	
HBAR Harrisburg	113.70	54	IAMS_20	IAMS_20	09 18 27.1	
CCG Conitan	113.79	75	IAMS_20	IAMS_20	09 15 46.1	
FINES FINES Array B	113.79	336	PKIKP	PKIKP	08 35 22.6	-0.1
FINES FINES Array B	113.79	336	PKIKP	PKIKP	08 35 22.6	-0.1
FINES FINES Array B	113.79	336	PKIKP	PKIKP	08 35 22.6	-0.1
FINES FINES Array B	113.79	336	PKIKP	PKIKP	08 35 22.6	-0.1
SUMG Summit	113.80	4	i	PKIKP	08 35 24.0	+1.0
SUMG Summit	113.80	4	i	PKIKP	08 35 24.0	+1.0
SUMG Summit	113.80	4	i	PKIKP	08 35 24.0	+1.0
SUMG Summit	113.80	4	i	PKIKP	08 35 24.0	+1.0
HDIL Hopedale	113.86	49	P	PKIKP	08 35 21.6	-1.9
HDIL Hopedale	113.86	49	P	PKIKP	08 35 21.6	-1.9
HDIL Hopedale	113.86	49	P	PKIKP	08 35 21.6	-1.9
LPAR Lepanto	113.99	54	IAMS_20	IAMS_20	09 16 45.5	
H43A Windswept, Lux	114.06	44	IAMS_20	IAMS_20	09 18 14.8	
GNAR Gosnell	114.15	54	IAMS_20	IAMS_20	09 18 26.0	
HDBT Hernandez Bridge	114.25	55	IAMS_20	IAMS_20	09 17 55.6	
VBMS Vicksburg	114.29	58	IAMS_20	IAMS_20	09 19 39.9	
MET Memphis-Engin	114.36	55	IAMS_20	IAMS_20	09 18 16.4	
PENMO Penman	114.38	53	IAMS_20	IAMS_20	09 19 39.0	
HENN Henderson Moun	114.46	53	IAMS_20	IAMS_20	09 18 48.0	
L44A Lake County Fo	114.52	47	P	PKPfd	08 35 23.9	-0.8
L44A Lake County Fo	114.52	47	P	PKPfd	08 35 23.9	-0.8
L44A Lake County Fo	114.52	47	P	PKPfd	08 35 23.9	-0.8
GLAT Glass	114.69	53	IAMS_20	IAMS_20	09 18 06.0	
HALT Halls	114.71	54	IAMS_20	IAMS_20	09 22 44.6	
E44A Grand Marais A	114.72	42	P	PKIKP	08 35 24.4	-0.5
OLIL Olney	115.14	50	IAMS_20	IAMS_20	09 23 32.0	
F45A CML Biological	115.26	42	P	PKIKP	08 35 25.2	-0.8
346A Big Creek Wild	115.29	59	IAMS_20	IAMS_20	09 16 48.3	
G45A Suttons Bay	115.35	43	P	PKIKP	08 35 25.3	-0.9
G45A Suttons Bay	115.35	43	P	PKIKP	08 35 25.3	-0.9
SFIN Lafayette	115.54	48	P	PKIKP	08 35 25.6	-1.1
P46A Rosedale	115.63	49	IAMS_20	IAMS_20	09 21 25.8	
H46A Fife Lake	115.81	44	P	PKIKP	08 35 26.2	-0.9
G46A Petoskey	115.81	43	P	PKIKP	08 35 25.9	-1.1
D46A Sault St. Mari	115.87	41	P	PKIKP	08 35 25.9	-1.2
WVT Waverly	115.87	53	P	PKPfd	08 35 25.9	-1.6
WVT Waverly	115.87	53	P	PKPfd	08 35 25.9	-1.6
PLAL Pickwick Lake	115.88	54	P	PKIKP	08 35 28.4	+0.9
K46A Dorr	115.92	46	P	PKPfd	08 35 26.0	-1.4
GLMI Grayling	116.12	43	P	PKPfd	08 35 26.3	-1.4
Z47A Carrollton	116.19	56	IAMS_20	IAMS_20	09 15 37.1	
M47A Crowhill	116.38	47	P	PKPfd	08 35 27.1	-1.2
D47A Chappleau	116.41	40	P	PKPfd	08 35 27.3	-0.9
J47A Sumner	116.44	45	P	PKPfd	08 35 26.9	-1.5
N47A Urbana	116.45	48	P	PKPfd	08 35 26.8	-1.7
K47A Vermontville	116.48	46	P	PKPfd	08 35 26.9	-1.5</

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISA, EDW, RYN, CWC, NVAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ, CPUP, SDV, SAML, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MK31, MKAR, CTGM, etc.

11d 8h

Table with columns: WVT, Waverly, 58.66 344, P, P, 08 49 39.3 -1.3, etc. Lists various locations and their associated data points.

2014 APR

Table with columns: M55A, Ridgway, 62.20 353, P, P, 08 50 04.8 0.0, etc. Lists various locations and their associated data points.

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Table with columns: G53A, Haliburton, 65.80 354, P, P, 08 50 28.1 +0.1, etc. Lists various locations and their associated data points.

P54A	Burton	59.92 351	P	P	09 06 01.5 +0.1
P53A	Whipple	59.95 351	P	P	09 06 01.7 +0.2
X34A	Smith Ranch, M	60.01 334	I	I	09 06 02.0 0.0
HHAR	Hobbs	60.04 339	I	I	09 06 02.5
Q49A	Aurora	60.11 347	P	P	09 06 01.8 -0.8
O59A	Robesonia	60.16 355	P	P	09 06 03.3 +0.3
O57A	Amberson	60.19 354	P	P	09 06 03.0 -0.1
P51A	Corning	60.21 350	P	P	09 06 02.6 -0.7
P52A	Williamsport	60.22 349	P	P	09 06 02.8 -0.6
O56A	Blue Knob Stat	60.34 353	P	P	09 06 04.7 +0.4
O56A	Blue Knob Stat	60.34 353	P	P	09 06 04.9 +0.6
O55A	Ligonier	60.37 353	P	P	09 06 04.5 +0.1
TUL1	Leonard	60.37 337	P	P	09 06 04.2 -0.3
TUL1	Leonard	60.37 337	I	I	09 06 04.3 -0.1
P50A	Jamestown	60.47 349	P	P	09 06 04.6 -0.6
O54A	Avella	60.48 352	P	P	09 06 05.2 +0.1
FVM	French Village	60.50 342	I	I	09 06 24.4
WMOK	Wichita Mounta	60.52 334	P	P	09 06 04.7 -0.9
P49A	Miami Univ. Ec	60.58 348	P	P	09 06 05.1 -0.8
O52A	Adamsville	60.63 350	P	P	09 06 05.7 -0.5
SSPA	Standing Stone	60.63 354	P	P	09 06 06.4 +0.3
N57A	Milroy	60.72 354	P	P	09 06 07.3 +0.5
N58A	Sunbury	60.73 355	P	P	09 06 07.3 +0.5
N59A	State Game Lan	60.73 356	P	P	09 06 07.3 +0.5
O51A	Pataskala	60.79 350	P	P	09 06 06.6 -0.7
CCM	Cathedral Cave	60.80 342	P	P	09 06 07.0 -0.4
CCM	Cathedral Cave	60.80 342	I	I	09 06 07.0 -0.4
N55A	Marion Center	60.90 353	P	P	09 06 08.6 +0.6
ACSO	Alum Creek Sta	60.93 349	I	I	09 06 07.7 -0.5
ACSO	Alum Creek Sta	60.93 349	I	I	09 06 08.6
N56A	West Decatur	60.95 354	P	P	09 06 08.8 +0.4
O50A	Cable	60.96 349	P	P	09 06 07.8 -0.6
M60A	Port Jarvis	61.07 357	P	P	09 06 09.1 0.0
MNTX	Cornudas Mount	61.10 327	P	P	09 06 09.0 -0.5
MNTX	Cornudas Mount	61.10 327	I	I	09 06 09.3 -0.3
M62A	Hamden	61.11 358	P	P	09 06 09.7 +0.3
N53A	Lisbon	61.16 351	P	P	09 06 09.8 0.0
N54A	Moraine State	61.20 352	P	P	09 06 10.3 +0.3
M57A	Price's Panora	61.23 355	P	P	09 06 11.0 +0.7
M58A	Sunshine Farm,	61.26 355	P	P	09 06 10.7 +0.3
R40A	Maddies Statio	61.33 341	I	I	09 06 10.9
M59A	Waymart	61.33 356	P	P	09 06 11.4 +0.5
O48A	Farmland	61.37 348	P	P	09 06 10.2 -0.9
N50A	Nevada	61.49 349	P	P	09 06 11.7 -0.3
N51A	Ashland	61.50 350	P	P	09 06 11.8 -0.3
M56A	Emporium	61.50 354	P	P	09 06 12.4 +0.3
M56A	Emporium	61.50 354	P	P	09 06 12.4 +0.3
L63A	North Scituate	61.51 359	P	P	09 06 12.4 +0.3
M55A	Ridgway	61.55 353	P	P	09 06 12.6 +0.2
M55A	Ridgway	61.55 353	P	P	09 06 12.7 +0.2
BRYW	Bryant College	61.56 359	P	P	09 06 12.6 +0.2
M54A	Muleshoe	61.64 330	I	I	09 06 13.4 +0.1
M54A	Muleshoe	61.64 330	I	I	09 06 14.4
M54A	Oil Creek Stat	61.69 353	P	P	09 06 13.2 -0.2
L60A	Shokan	61.71 357	P	P	09 06 14.1 +0.6
M53A	WI Miller and	61.76 352	P	P	09 06 13.5 -0.3
P43A	Skaggs, Pawnee	61.80 344	I	I	09 06 14.1
N49A	Columbus Grove	61.82 349	P	P	09 06 13.5 -0.7
N49A	Columbus Grove	61.82 349	P	P	09 06 14.3 -0.1
M51A	Elyria	61.87 350	P	P	09 06 13.7 -0.8
L61A	Hillsdale 1, H	61.88 358	P	P	09 06 15.2 +0.6
L57A	Andrews Acres	61.89 355	P	P	09 06 15.4 +0.7
ALLY	Alegheny Colle	61.89 352	P	P	09 06 14.1 -0.6
SFIN	Lafayette	61.90 346	P	P	09 06 13.3 -1.4
N48A	Decatur	61.92 348	P	P	09 06 14.0 -0.9
M52A	Chesterland	61.95 351	P	P	09 06 14.6 -0.5
L59A	Walton	61.95 356	P	P	09 06 15.7 +0.6
BINY	Binghamton	62.02 356	P	P	09 06 15.9 +0.3
M50A	Fremont	62.08 350	P	P	09 06 15.6 -0.3
L56A	Greenwood	62.09 354	P	P	09 06 16.2 +0.2
L61B	Northampton	62.11 358	P	P	09 06 16.6 +0.4
HRV	Adam Dzewonsk	62.15 359	P	P	09 06 16.8 +0.4
L53A	Cirard	62.21 352	P	P	09 06 16.4 -0.4
L55A	Hinsdale	62.22 354	P	P	09 06 17.0 +0.1
M49A	Liberty Center	62.32 349	P	P	09 06 16.5 -1.0
ERPA	Erie	62.33 352	P	P	09 06 17.4 -0.2
ERPA	Erie	62.33 352	P	P	09 06 17.4 -0.2
K61A	Williamstown	62.35 358	P	P	09 06 18.1 +0.3
L54A	Sinclairville	62.37 353	P	P	09 06 18.0 +0.2
P40A	Paris	62.40 342	I	I	09 06 17.5 -0.6
WVNY	West Valley, N	62.46 354	P	P	09 06 18.8 +0.3
K59A	Cooperstown	62.52 357	P	P	09 06 19.8 +0.8
K58A	Earlville	62.56 356	P	P	09 06 19.5 +0.4
K57A	Scipio Center	62.59 355	P	P	09 06 19.2 -0.1

HDIL	Hopedale	62.60 344	P	P	09 06 18.3 -1.1
K56A	Middlesex	62.62 355	P	P	09 06 19.6 0.0
K54A	Basco Farm,	62.67 354	P	P	09 06 20.2 +0.3
VNA2	Neumayer-Watz	62.71 161	P	P	09 06 16.7 -3.2
K55A	Perry	62.72 354	P	P	09 06 20.2 0.0
L48A	N Adams	62.85 349	P	P	09 06 19.9 -1.2
J60A	Lant Hill Farm	62.93 358	P	P	09 06 22.4 +0.9
319A	Douglas	62.96 323	I	I	09 06 23.1 +1.0
J61A	Chester	63.01 359	P	P	09 06 22.9 +0.8
121A	Cookes Peak, D	63.02 325	P	P	09 06 23.9 +1.3
121A	Cookes Peak, D	63.02 325	I	I	09 06 23.2 +0.5
K52A	Tillsonburg	63.08 352	P	P	09 06 22.4 -0.2
K51A	Iona Station	63.13 351	P	P	09 06 22.4 -0.5
J58A	Rensselaer	63.13 356	P	P	09 06 23.5 +0.5
J58A	Rensselaer	63.13 356	I	I	09 06 24.7
N41A	Harden Mill	63.15 343	I	I	09 06 23.1
J56A	Wolcott	63.16 355	P	P	09 06 23.2 +0.1
J59A	Plesco	63.20 357	P	P	09 06 23.9 +0.5
J57A	Williamstown	63.23 356	P	P	09 06 23.8 +0.2
J55A	Hilton	63.23 354	P	P	09 06 23.6 0.0
J54A	Appleton	63.32 354	P	P	09 06 24.3 +0.2
K50A	Casco	63.35 350	P	P	09 06 23.7 -0.7
K50A	Casco	63.35 350	P	P	09 06 23.2 -1.2
I58A	Old Forge	63.44 357	P	P	09 06 25.4 +0.4
I59A	Olmsteadville	63.50 358	P	P	09 06 25.8 +0.4
KSU1	Kansas State U	63.50 338	P	P	09 06 25.1 -0.4
J52A	Paris	63.50 352	P	P	09 06 25.2 -0.1
I60A	Shoreham	63.52 358	P	P	09 06 25.9 +0.5
I61A	Oroboro, Fairl	63.59 359	P	P	09 06 26.6 +0.7
K48A	Perry	63.63 349	P	P	09 06 24.9 -1.3
K47A	Vermontville	63.66 348	P	P	09 06 25.3 -1.1
R32A	Long Quarter,	63.68 336	I	I	09 06 26.3 -0.4
R32A	Long Quarter,	63.68 336	I	I	09 06 27.8
NCB	Newcomb	63.69 357	I	I	09 06 27.5
I57A	Carthage	63.73 356	P	P	09 06 27.0 +0.1
PECO	Prince Edward	63.82 355	P	P	09 06 27.1 -0.4
K46A	Dorr	63.83 348	P	P	09 06 26.2 -1.3
J48A	Bridge Port	63.85 350	P	P	09 06 27.9 -1.1
I51A	Listowel	64.13 352	P	P	09 06 28.6 -0.9
H58A	Gabriels	64.13 357	P	P	09 06 29.6 +0.1
I55A	Frankford	64.16 355	P	P	09 06 29.4 -0.3
J47A	Summer	64.18 349	P	P	09 06 29.1 -0.8
J47A	Summer	64.18 349	P	P	09 06 29.0 -0.8
H61A	Lyndonville	64.18 359	P	P	09 06 30.8 +0.8
H62A	Milan	64.22 360	P	P	09 06 31.3 +1.2
ANMO	Albuerquerque	64.22 328	P	P	09 06 31.4 +0.9
ANMO	Albuerquerque	64.22 328	P	P	09 06 31.1 +0.6
ANMO	Albuerquerque	64.22 328	P	P	09 06 31.2 +0.7
H60A	Morristown	64.22 359	P	P	09 06 30.8 +0.7
H57A	Richville	64.24 356	P	P	09 06 30.4 +0.3
I52A	Shelburne	64.28 353	P	P	09 06 30.5 0.0
H63A	New Sharon	64.31 1	P	P	09 06 31.4 +0.8
SNA4	Sanae	64.33 161	P	P	09 06 31.6 +0.9
SNA4	Sanae	64.33 161	I	I	09 06 32.0 +1.4
H59A	Cadyville	64.34 358	P	P	09 06 31.2 +0.4
LONY	Lake Ozonia	64.35 357	P	P	09 06 31.4 +0.5
LONY	Lake Ozonia	64.35 357	I	I	09 06 31.9
CBK3	Cedar Bluff	64.42 335	P	P	09 06 31.8 +0.2
H56A	Elgin	64.42 356	P	P	09 06 31.6 +0.2
H55A	Tweed	64.45 355	P	P	09 06 31.8 +0.2
DELO	Deloro Mine	64.46 355	P	P	09 06 31.7 +0.1
L40A	Anamosa	64.52 343	P	P	09 06 30.7 -1.4
I49A	Point Hope	64.52 350	P	P	09 06 31.3 -0.8
FRNY	Flat Rock	64.52 358	P	P	09 06 32.5 +0.4
H53A	Bobcaygeon	64.60 354	P	P	09 06 32.6 0.0
G60A	Masonville	64.75 359	P	P	09 06 34.8 +1.3
G59A	Clarenceville	64.76 358	P	P	09 06 34.3 +0.8
H52A	Wyevale	64.81 353	P	P	09 06 34.1 +0.1
G57A	Newington	64.85 357	P	P	09 06 34.5 +0.3
G58A	Ormstown	64.86 358	P	P	09 06 34.4 +0.2
G62A	West of Eustis	64.86 0	P	P	09 06 35.5 +1.2
G62A	West of Eustis	64.86 0	P	P	09 06 35.6 +1.4
I48A	Sherman Twp	64.90 350	P	P	09 06 33.4 -1.1
PKME	Peas-Kenny Pk	64.92 1	P	P	09 06 35.1 +0.5
G64A	Maxfield	64.92 2	P	P	09 06 35.0 +0.4
G61A	St-Isidore-de-	64.93 359	P	P	09 06 35.6 +0.9
I46A	Reed City	64.97 348	P	P	09 06 34.1 -0.9
T25A	Trinidad	65.00 331	P	P	09 06 36.5 +0.8
JFWS	Jewell Farm	65.06 344	P	P	09 06 34.6 -1.0
JFWS	Jewell Farm	65.06 344	I	I	09 06 34.8 -0.8
G55A	Catolagie	65.11 355	P	P	09 06 36.0 +0.1
G53A	Halliburton	65.15 354	P	P	09 06 35.8 -0.3
H48A	Harrisville	65.34 350	P	P	09 06 36.5 -0.9
G54A	Lake Saint Pet	65.37 354	P	P	09 06 37.4 -0.2

214A	Organ Pipe Nat	65.41 321	P	P	09 06 39.2 +1.0
H46A	Fire Lake	65.51 349	P	P	09 06 37.0 -1.5
F64A	Sherman	65.54 2	P	P	09 06 38.7 +0.1
F61A	St Evariste	65.62 360	P	P	09 06 39.3 +0.2
F60A	Warwick	65.62 359	P	P	09 06 39.4 +0.2
I42A	Draeger Farm,	65.65 346	I	I	09 06 39.5
F52A	Sundidge	65.89 354	P	P	09 06 40.5 -0.4
ALGO	Algonquin Park	65.92 355	P	P	09 06 40.7 -0.4
H43A	Windswept, Lux	65.95 347	I	I	09 06 40.7 -0.6
L34A	Spendsen Farm,	65.98 339	P	P	09 06 40.7 -0.9
SDCO	Great Sand Dun	66.00 330	P	P	09 06 42.2 +0.4
E58A	La Victoria	66.05 358	P	P	09 06 42.6 +0.2
G45A	Suttons Bay	66.07 349	P	P	09 06 41.4 -0.8
G45A	Suttons Bay	66.07 349	I	I	09 06 55.1
F51A	Arnstent	66.08 353	P	P	09 06 41.2 -0.9
BGNE	Belgrade	66.09 338	P	P	09 06 42.4 0.0
E57A	Chemin Saint G	66.12 358	P	P	09 06 42.3 -0.1
F49A	Sandfield	66.19 351	P	P	09 06 41.9 -0.9
G46A	Petoskey	66.20 349	P	P	09 06 42.0 -0.9
E55A	Monteef-Lytto	66.26 356	P	P	09 06 43.1 -0.1
E56A	St. Veronique	66.29 357	P	P	09 06 43.3 -0.1
E52A	Mattawa	66.30 354	P	P	09 06 43.3 -0.2
E53A	Dumoine, Ponti	66.31 355	P	P	09 06 43.3 -0.3
E54A	Lac Duplat, Po	66.32 355	P	P	09 06 43.4 -0.3
F48A	Evansville	66			

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like DBIC Dimbokro, DBIC Dimbokro, EYMN Ely, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like MVO Moncorvo, PBRC Braganca, BOSA Boshof, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ASAR Alice Springs, STKA Stephens Creek, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Port Moresby, Coen, Pohnpei, Charters Tower, etc.

IDC 11 09:13:54.6:1.5, 1.65S, 97.50E, h0km, mb4.0/10, mb1.4, 1/11, mb1mx3.9/5.0, mbtmp4.0/11, ML3.4/1, Error ellipse: s-maj=44.6km s-min=20.2km az=62.0

DJA 11 09:13:58.0:0.8, 2.2, 4.9, 9.8E, h10km, M4.7/m, mb5.2/1, mb5.2/2, MLv4.5/9, Mw(mb)4.6/1

NEIC 11 09:13:58.9:2.3, 1.59S, 0.09, 97.6E:0.1, h31km, 6km, mb4.3/11, Error ellipse: s-maj=20.1km s-min=6.8km az=51.0

ISC 11 09:13:59.1:0.8, 1.61S, 0.07, 97.55E:0.09, h35km, n47, c=157/52, mb4.2/15, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Saibi, Pulau Batu, Pulau Pagai, etc.

DMN 11 09:32:46.3:0.5, 29.64N, 89.20E, h10km, M4.7/10, Error ellipse: s-maj=11.3km s-min=9.7km az=169.0

ISC 11 09:32:43.4:2.7, 29.7N, 0.2, 89.36E:0.08, h35km, n12, c=202/23, Xizang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TAPN, ODAN, JIRN, etc.

ATH 11 09:34:07.0, 38.40N, 20.45E, h9km, 3km, ML2.7/4, Error ellipse: s-maj=3.3km s-min=0.7km az=118.0

THE 11 09:34:07.0, 38.40N, 20.44E, h8km, 1km, ML2.5/8, Error ellipse: s-maj=1.3km s-min=0.5km az=279.0

ISC 11 09:34:06.4:0.9, 38.41N, 0.02, 20.41E:0.03, h13km, 5km, n29, c=190/53, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FSK, KARDAKI, LIVADI, etc.

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

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

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

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

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

IDC 11 09:35:49.1:0.6, 6.80S, 154.95E, h0km, mb4.4/18, mb1.4, 5/20, mb1mx4.3/4.9, mbtmp4.3/20, ML3.7/2, Error ellipse: s-maj=20.7km s-min=14.3km az=104.0

NEIC 11 09:35:53.7:1.5, 6.88S, 0.08, 154.87E:0.09, h35km, 6km, mb4.8/72, Error ellipse: s-maj=13.3km s-min=11.7km az=86.0

ISC 11 09:35:54.5:0.4, 6.84S, 0.06, 154.88E:0.07, h41km, n123, c=1528/123, mb4.7/56, 2C, Bougainville-Solomon Islands region

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

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, MAKZ Makanchi, RIDG Independent R, BARN Bernard Glacie, etc.

IDC 11 09:44:53.2,1.4, 6.62S, 154.63E, h0km, mb3.9/5, mb1.4/1.6, mb1mx3.7/4.1, mbtmp3.9/6, ML3.1/2, Error ellipse: s-maj=44.7km s-min=24.1km az=121.0, NEIC 11 09:44:58.8,2.3, 6.55S, 0.06:154.4E:0.1, h31km,6km, mb4.3/15, Error ellipse: s-maj=15.8km s-min=8.3km az=105.0

ISC 11 09:44:60.0,0.6, 6.56S, 0.07:154.35E:0.09, h48km, n33, alpha152/31, mb4.2/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, KRVT Keravat (AS076), KRVT 18nm,0.3s, bazz=158, slow=3.3, SNR=4.8, etc.

IDC 11 09:47:30.6,7.6, 12.28N:85.87W, h0km, mb3.9/7, mb1.4/2.9, mb1mx3.9/3.7, mbtmp3.9/9, ML3.1/2, Error ellipse: s-maj=161.2km s-min=44.5km az=1.0

INET 11 09:47:32.7, 12.33N:86.42W, h9km, ML4.3 UCR 11 09:47:33.4, 1.4, 12.28N:86.43W, h10km, mb3.3(NEIC) NEIC 11 09:47:34.2, 2.6, 12.1N:0.1:86.54W:0.06, h10km, 1km, mb4.3/38, Error ellipse: s-maj=19.5km s-min=6.6km az=205.0

ISC 11 09:47:33.9,0.6, 12.28N:0.05:86.43W:0.04, h10km, n65, alpha165/64, mb4.2/25, Nicaragua region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CNGN Cerro Negro, MASN Makanchi Array, CRIN San Cristobal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ESPN Las Esperanzas, ESPN Las Esperanzas, PLVR Palo Verde, etc.

IDC 11 10:00:45.2,4.2, 3.62S, 154.20E, h0km, mb3.7/3, mb1.3/9.3, mb1mx3.4/5.0, mbtmp3.6/3.6, Error ellipse: s-maj=175.5km s-min=33.4km az=133.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, YKA Yellowknife Arr, etc.

IDC 11 10:06:35.4,2.3, 6.80S:155.26E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.6/5.6, mbtmp3.5/4, Error ellipse: s-maj=74.8km s-min=35.1km az=128.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, H11S3 WAKE ISLAND Hy, etc.

IDC 11 10:07:07.1, 5.61S:154.95E, h0km, mb3.8/6, mb1.4/0.6, mb1mx3.6/5.6, mbtmp3.7/6, Error ellipse: s-maj=58.2km s-min=28.0km az=136.0, NEIC 11 10:07:42.0, 7.2, 1S:0.09:155.7E:0.1, h10km, 1km, mb4.4/6, Error ellipse: s-maj=20.5km s-min=13.8km az=106.0

ISC 11 10:07:12.4,0.8, 7.3S:0.1:155.4E:0.1, h50km, n17, alpha156/17, mb4.0/10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BKZ Black Stump Fm, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

IDC 11 10:09:09.5, 1.2, 7.12S:155.17E, h0km, mb4.2/10, mb1.4/4.1, mb1mx4.0/5.6, mbtmp4.2/11, ML3.4/1, Error ellipse: s-maj=37.4km s-min=20.3km az=137.0, NEIC 11 10:09:12.7, 1.2, 7.49S:0.09:155.30E:0.10, h31km,6km, mb4.6/48, Error ellipse: s-maj=14.1km s-min=12.7km az=109.0

ISC 11 10:09:13.0,0.6, 7.37S:0.07:155.22E:0.08, h31km, n72, alpha151/72, mb4.5/33, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, KRVT Keravat (AS076), KRVT 2.9nm,0.3s, bazz=208, slow=17, SNR=2.1, etc.

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

IDC 11 10:57:42.4, 1.6, 93S:155:09E, h0km, mb4.0/7, mb1 4.2/8, mb1mx4.0/28, mbtmp4.0/8, ML4.0/1, MS3.3/1, MS1 3.3/1, ms1mx3.1/32, Error ellipse: s-maj=42.6km s-min=24.4km az=126.0

NEIC 11 10:57:48.7, 1.1, 6.8S:0.1, 155:15E:0.1, h53km, 9km, mb4.2/12, Error ellipse: s-maj=18.8km s-min=15.4km az=118.0

ISC 11 10:57:47.0, 0.9, 6.8S:0.10, 155:15E:0.1, h41km, n27, 1502/27, mb4.1/14, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, PATS Pohnpei, WR0 Warrungu Arr, WB0 Warrungu Arr, WB2 Warrungu Arr, WRA Warrungu Arr, WRA Warrungu Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, BUCK Buclebo, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Arr, GSPA South Pole Qui, IL31 Il31, ILAR Eielson Array, ILAR Eielson Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, YKA Yellowknife Arr, YKA Yellowknife Arr.

NAM 11 11:16:29.8, 2.5, 25.94S:29:10E, h10km, MD3.7, ISC 11 11:16:23.2, 4.2, 25.95S:0.09, 29:2E:0.2, h3km, n9, 6375/15, South Africa region

Table for South Africa region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBTB Lobatse, LBTB Lobatse, LBTB Lobatse, BOSA Boshof, BOSA Boshof, BOSA Boshof, BOSA Boshof, MATP Matopo, MATP Matopo, MATP Matopo, MATP Matopo.

IDC 11 11:19:57.0, 1.6, 7.00S:155:30E, h0km, mb3.6/6, mb1 3.9/7, mb1mx3.6/36, mbtmp3.6/7, ML3.7/1, Error ellipse: s-maj=38.0km s-min=29.0km az=125.0

NEIC 11 11:19:57.9, 1.4, 7.44S:0.09, 155:54E:0.09, h10km, 1km, mb4.4/5, Error ellipse: s-maj=19.7km s-min=8.8km az=134.0

ISC 11 11:19:57.4, 0.9, 7.42S:0.10, 155:54E:0.1, h10km, n23, 0999/20, mb3.6/9, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, RABL Rabaul, KRVT Keravat, KRVT Keravat, PMG Port Moresby, PATS Pohnpei, FAKI Fak Fak, WB2 Warrungu Arr, WRA Warrungu Arr, ASAR Alice Springs, ASAR Alice Springs, H1S13 WAKE ISLAND Hy, H1S12 WAKE ISLAND Hy, H1S11 WAKE ISLAND Hy, PETK Petropavlovsk, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SUA Susitna One, SUA Susitna One, RC01 Rabbit Creek A, RC01 Rabbit Creek A, IMAR Indian Mountai, GSPA South Pole Qui, GSPA South Pole Qui, ILAR Eielson Array, ILAR Eielson Array, MKAR Makanchi Array, MKAR Makanchi Array, YKA Yellowknife Arr, YKA Yellowknife Arr.

INET 11 11:22:54.4, 12.66N-88:20W, h15km, MD3.5, ML3.5, Off coast of central America

IDC 11 11:25:13.2, 4.2, 9.75S:74:72W, h0km, mb3.7/2, mb1 3.7/4, mb1mx3.5/27, mbtmp3.6/4, ML3.2/2, Error ellipse: s-maj=65.2km s-min=35.7km az=114.0, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNA Nana, NNA Nana, ATAH Atahualpa, ATAH Atahualpa, ULM Lu du Bonnet, ULM Lu du Bonnet, YKA Yellowknife Arr, YKA Yellowknife Arr, KRSR Kera Arr, KRSR Kera Arr.

IDC 11 11:36:12.2, 1.6, 7.09S:154:84E, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.8/32, mbtmp3.8/8, ML3.6/1, Error ellipse: s-maj=48.3km s-min=24.7km az=127.0

NEIC 11 11:36:12.5, 2.6, 7.75S:0.1, 155:23E:0.08, h10km, 1km, mb4.1/8, Error ellipse: s-maj=18.5km s-min=12.4km az=162.0

ISC 11 11:36:15.1, 0.9, 7.68S:0.09, 155:23E:0.1, h31km, n21, 1515/21, mb3.9/10, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, RABL Rabaul, KRVT Keravat, KRVT Keravat, PMG Port Moresby, PATS Pohnpei, WB2 Warrungu Arr, WB2 Warrungu Arr, WRA Warrungu Arr, WRA Warrungu Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, TLY Talaya, TLY Talaya, GSPA South Pole Qui, ILAR Eielson Array, ILAR Eielson Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, FYU Fort Yukon, FYU Fort Yukon, YKA Yellowknife Arr, YKA Yellowknife Arr.

IDC 11 11:43:26.6, 1.6, 6.84S:154:96E, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.7/31, mbtmp3.7/5, ML3.7/1, Error ellipse: s-maj=39.4km s-min=27.2km az=126.0

Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, KRVT Keravat, WRA Warrungu Arr, WRA Warrungu Arr, ASAR Alice Springs, ASAR Alice Springs, ILAR Eielson Array, ILAR Eielson Array, YKA Yellowknife Arr, YKA Yellowknife Arr.

IDC 11 11:51:00.1, 3.7, 7.02S:155:46E, h0km, mb3.9/4, mb1 4.2/5, mb1mx3.8/35, mbtmp4.0/5, ML3.9/1, Error ellipse: s-maj=81.4km s-min=31.6km az=97.0

NEIC 11 11:51:00.8, 1.4, 7.09S:0.08, 155:59E:0.10, h10km, 1km, mb4.3/13, Error ellipse: s-maj=16.0km s-min=13.7km az=100.0

ISC 11 11:51:05.8, 0.7, 7.07S:0.09, 155:55E:0.09, h50km, n27, 1912/25, mb4.0/11, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, RABL Rabaul, KRVT Keravat, KRVT Keravat, PMG Port Moresby, DZM Mont Dumac, TARA Tarawa, FAKI Fak Fak, FAKI Fak Fak, WR0 Warrungu Arr, WR0 Warrungu Arr, WB0 Warrungu Arr, WB0 Warrungu Arr, WB2 Warrungu Arr, WB2 Warrungu Arr, MSVF Nonsavu, MSVF Nonsavu, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, KNRA Kununurra, H1S13 WAKE ISLAND Hy, H1S12 WAKE ISLAND Hy, H1S11 WAKE ISLAND Hy, STKA Stephens Creek, MORW Morwa, MORW Morwa, JNU Nakatsue, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Arr, SONM Songoing Arr, SONM Songoing Arr, IMAR Indian Mountai, GSPA South Pole Qui, GSPA South Pole Qui.

IDC 11 11:57:57.6, 1.4, 7.10S:155:13E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.8/41, mbtmp3.7/9, ML3.7/1, Error ellipse: s-maj=36.1km s-min=25.3km az=121.0

NEIC 11 11:57:59.3, 1.9, 7.16S:0.05, 155:21E:0.1, h12km, 7km, mb4.2/7, Error ellipse: s-maj=21.3km s-min=6.8km az=100.0

ISC 11 11:58:03.0, 0.9, 7.16S:0.09, 155:15E:0.1, h41km, n23, 1502/25, mb4.0/11, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, RABL Rabaul, KRVT Keravat, KRVT Keravat, PMG Port Moresby, ARMA Armidale, ARMA Armidale, WB2 Warrungu Arr, WB2 Warrungu Arr, WRA Warrungu Arr, WRA Warrungu Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Arr, SONM Songoing Arr, SONM Songoing Arr, IMAR Indian Mountai, ILAR Eielson Array, ILAR Eielson Array, YKA Yellowknife Arr, YKA Yellowknife Arr.

IDC 11 11:51:12.9, 2.2, 10:39N:93:09E, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.5/8, mbtmp3.5/6, ML3.7/1, Error ellipse: s-maj=72.2km s-min=23.7km az=67.0, Andaman Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songoing Array, ZALV Zalesovo Beam, WRA Warrungu Arr, ASAR Alice Springs.

NNC 11 11:51:13.9, 7.3, 39:44N:75:06E, h0km, mb3.6, mpv3.5, Error ellipse: s-maj=67.5km s-min=49.7km az=97.0

KRNET 11 11:51:17.0, 6.1, 39:11N:75:03E, mb3.1, SOME 11 11:51:17.0, 39:70N:75:00E, h0km

ISC 11 11:51:17.0, 0.7, 39:50N:0.07, 74:86E:0.04, h10km, n27, 1518/44, 25C-SD, Southern Xinjiang region

Main table for Southern Xinjiang region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSH Kashi, KSH Kashi, ARSB Arslanbob, ARSB Arslanbob, KZA Kyzart, KZA Kyzart, UCH Uchoir, UCH Uchoir, AML Almayash, AML Almayash, AML Almayash, ULHL Ulahof, ULHL Ulahof, BOOM Boomskeye usch, BOOM Boomskeye usch, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, ARK Arkit, ARK Arkit, EKS2 Erkin-Say, EKS2 Erkin-Say, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, MRKS Merke, MRKS Merke, KST KasteK, KST KasteK, KST KasteK, KST KasteK, TNSS Tian-Shan, TNSS Tian-Shan, TNSS Tian-Shan, KUU Kuryk, KUU Kuryk, KUU Kuryk, KUU Kuryk.

IDC 11 11:57:57.6, 1.4, 7.10S:155:13E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.8/41, mbtmp3.7/9, ML3.7/1, Error ellipse: s-maj=36.1km s-min=25.3km az=121.0

NEIC 11 11:57:59.3, 1.9, 7.16S:0.05, 155:21E:0.1, h12km, 7km, mb4.2/7, Error ellipse: s-maj=21.3km s-min=6.8km az=100.0

ISC 11 11:58:03.0, 0.9, 7.16S:0.09, 155:15E:0.1, h41km, n23, 1502/25, mb4.0/11, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, RABL Rabaul, KRVT Keravat, KRVT Keravat, PMG Port Moresby, ARMA Armidale, ARMA Armidale, WB2 Warrungu Arr, WB2 Warrungu Arr, WRA Warrungu Arr, WRA Warrungu Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, SONM Songoing Arr, SONM Songoing Arr, SONM Songoing Arr, IMAR Indian Mountai, ILAR Eielson Array, ILAR Eielson Array, YKA Yellowknife Arr, YKA Yellowknife Arr.

S57A	Dark Hollow, R baz=171,SNR=11	58.04 352	P	P	12 10 43.0	-0.2	N58A	Sunbury baz=173,SNR=5.5	60.84 355	P	P	12 11 02.4	0.0	J59A	Piesco baz=173,SNR=6.5	63.30 357	P	P	12 11 19.3	+0.3
T52A	Hallie baz=166	58.04 348	P	P	12 10 42.3	-0.9	N59A	State Game Lan baz=174	60.84 355	P	P	12 11 02.2	-0.3	J57A	Williamstown baz=174,SNR=5.8	63.34 356	P	P	12 11 18.8	-0.4
T51A	Gray baz=165,SNR=8.2	58.10 347	P	P	12 10 42.5	-1.1	O51A	Pataskalia baz=167	60.93 349	P	P	12 11 01.9	-1.2	J55A	Hilton baz=172	63.35 354	P	P	12 11 18.7	-0.6
R58B	Mineral baz=172,SNR=6.7	58.11 353	P	P	12 10 43.6	-0.1	CCM	Cathedral Cave CCM	60.98 341	P	P	12 11 02.4	-1.1	L46A	Eue Claire baz=167	63.44 347	P	P	12 11 19.1	-0.8
WVT	Waverly comp=Z,34nm,0.8s	58.22 344	P	P	12 10 42.9	-1.5	CCM	Cathedral Cave baz=158	60.98 341	P	P	12 11 02.5	-1.1	J54A	Appleton baz=172	63.44 353	P	P	12 11 19.1	-0.8
WVT	Waverly baz=161	58.22 344	P	P	12 10 43.0	-1.4	CCM	Cathedral Cave CCM	60.98 341	P	I	12 11 02.4	-1.1	K50A	Casco baz=167	63.49 350	P	P	12 11 19.0	-1.2
WVT	Waverly comp=Z,34nm,0.8s	58.22 344	P	I	12 10 42.9	-1.5	N55A	Marion Center baz=171,SNR=30	61.02 353	P	P	12 11 04.1	+0.3	I58A	Old Forge baz=175,SNR=5.4	63.55 356	P	P	12 11 20.6	0.0
X40A	Basin Creek Fa baz=155	58.23 338	P	P	12 10 43.7	-0.8	ACSO	Alum Creek Sta baz=167,SNR=8.8	61.08 349	P	P	12 11 03.0	-1.1	I59A	Olmsteadville baz=176,SNR=7.3	63.60 357	P	P	12 11 20.9	0.0
R61A	Willards baz=175	58.24 356	P	P	12 10 44.3	-0.3	ACSO	Alum Creek Sta N56A	61.08 349	P	P	12 11 03.2	-0.9	I60A	Shoreham baz=177	63.62 358	P	P	12 11 21.7	+0.7
R59A	King George, V baz=173	58.25 354	P	P	12 10 44.6	-0.1	O50A	Cable baz=166	61.11 349	P	P	12 11 03.1	-1.2	J52A	Paris baz=170,SNR=15	63.63 352	P	P	12 11 20.5	-0.7
S55A	Lewisburg baz=189,SNR=11	58.27 351	P	P	12 10 44.9	0.0	M63A	Gettes Ferry baz=178	61.15 359	P	P	12 11 05.2	+0.6	K49A	Clarkson baz=166	63.64 349	P	P	12 11 19.6	-1.6
R60A	Leonardtown, M baz=173	58.28 354	P	P	12 10 44.8	0.0	M60A	Port Jervis baz=176	61.18 357	P	P	12 11 04.8	+0.1	I61A	Oroboro, Fairl baz=178,SNR=5.0	63.68 359	P	P	12 11 22.2	+0.8
CBN	Corbin Frederi baz=172	58.30 354	P	P	12 10 44.7	-0.3	M62A	Hamden baz=178	61.21 358	P	P	12 11 05.4	+0.4	KSU1	Kansas State U baz=153	63.70 338	P	P	12 11 20.6	-1.0
UALR	University of UALR	58.32 339	P	I	12 10 44.5	-0.7	O49A	Covington baz=165,SNR=6.2	61.28 348	P	P	12 11 04.0	-1.5	K48A	Perry baz=166,SNR=6.9	63.77 349	P	P	12 11 20.4	-1.7
T50A	Nancy baz=164,SNR=7.4	58.34 347	P	P	12 10 44.0	-1.3	N53A	Lisbon baz=167	61.29 351	P	P	12 11 05.1	-0.4	I63A	Otisfield baz=160	63.78 360	P	P	12 11 21.8	-0.3
S54A	Dingess, Beckl baz=168,SNR=7.4	58.42 350	P	P	12 10 45.4	-0.6	N54A	Moraine State baz=170,SNR=10	61.33 352	P	P	12 11 05.7	-0.1	K47A	Vermontville baz=165	63.81 348	P	P	12 11 20.7	-1.6
S53A	Williamson baz=187	58.44 349	P	P	12 10 45.1	-1.0	MNTX	Cornudas Mount baz=167	61.34 326	P	P	12 11 05.3	-0.8	I57A	Carthage baz=175,SNR=5.2	63.84 356	P	P	12 11 22.3	-0.2
R58A	Rapidan baz=172,SNR=5.2	58.46 353	P	P	12 10 46.1	+0.1	MNTX	Cornudas Mount M58A	61.34 326	P	P	12 11 05.0	-1.1	L44A	Lake County Fo baz=162	63.96 346	P	P	12 11 22.0	-1.3
R57A	Stanardsville baz=171,SNR=10	58.52 353	P	P	12 10 46.8	+0.3	M58A	Price's Panora baz=174,SNR=7.5	61.35 355	P	P	12 11 06.6	+0.6	K46A	Dorr baz=164	63.98 348	P	P	12 11 21.9	-1.5
MIAR	Mount Ida comp=Z,71nm,1.2s	58.54 338	P	P	12 10 46.3	-0.4	M57A	Sunshine Farm, baz=173	61.37 354	P	P	12 11 06.5	+0.4	LBNH	Lisbon baz=165,SNR=5.3	63.98 359	P	P	12 11 23.9	+0.5
MIAR	Mount Ida baz=155,SNR=15	58.54 338	P	P	12 10 46.3	-0.4	N52A	McCinn's Farm, baz=168	61.42 350	P	P	12 11 05.8	-0.6	J49A	Marlette baz=167,SNR=6.5	64.15 161	P	P	12 11 22.9	-1.6
MIAR	Mount Ida baz=155,SNR=15	58.54 338	P	P	12 10 46.3	-0.4	M59A	Waymart baz=166,SNR=6.0	61.44 356	P	P	12 11 06.8	+0.2	SNA A	Sanae baz=165	64.15 161	P	P	12 11 24.8	+0.5
TXAR	Lajitas Array comp=Z,6.0nm,0.9s,baz=146,slow=7.6,SNR=44	58.57 326	P	P	12 10 47.0	-0.2	O48A	Farmland baz=164,SNR=5.5	61.52 347	P	P	12 11 07.7	-1.3	SNA A	Sanae baz=165	64.15 161	d/P	P	12 11 24.5	+0.2
TXAR	Lajitas Array baz=164,SNR=25	58.57 326	P	P	12 10 47.0	-0.2	L63A	North Scituate baz=179,SNR=5.7	61.60 359	P	P	12 11 07.7	+0.2	SNA A	Sanae baz=165	64.15 161	I	I	12 11 35.9	
TXAR	Lajitas Array Edmonton	58.57 346	P	P	12 10 45.9	-1.1	M56A	Emurgo baz=172,SNR=11	61.62 353	P	P	12 11 07.5	-0.3	J48A	Bridge Port baz=166,SNR=6.0	64.19 349	P	P	12 11 23.6	-1.3
W41B	Gary Mavity, V baz=156,SNR=6.5	58.65 339	P	P	12 10 46.6	-0.9	N50A	Nevada baz=167,SNR=6.3	61.63 349	P	P	12 11 06.7	-1.2	H58A	Gabriels baz=176,SNR=5.1	64.23 357	P	P	12 11 24.8	-0.3
S51A	Beattyville baz=166	58.68 348	P	P	12 10 46.6	-1.0	N51A	Ashland baz=167	61.64 350	P	P	12 11 06.9	-1.0	I51A	Listowel baz=169,SNR=11	64.26 352	P	P	12 11 24.4	-0.8
R55A	Marlinton baz=170	58.71 351	P	P	12 10 48.3	+0.3	L64A	Middleborough baz=180	61.67 360	P	P	12 11 08.2	+0.2	H61A	Lynoville baz=179,SNR=5.5	64.28 359	P	P	12 11 25.8	+0.4
R54A	Victor baz=169,SNR=6.0	58.74 350	P	P	12 10 47.8	-0.3	M55A	Ridgway baz=171,SNR=20	61.67 353	P	P	12 11 08.2	0.0	I55A	Frankford baz=173,SNR=5.9	64.28 354	P	P	12 11 24.6	-0.7
S50A	Richmond baz=165,SNR=11	58.88 347	P	P	12 10 48.2	-0.8	L60A	Shokan baz=176	61.81 357	P	P	12 11 09.4	+0.3	H62A	Milan baz=179	64.31 360	P	P	12 11 26.1	+0.6
R53A	Hurricane baz=168	59.05 350	P	P	12 10 49.5	-0.7	M54A	Oil Creek Stat baz=170,SNR=16	61.82 352	P	P	12 11 09.0	-0.2	H60A	Morristown baz=178,SNR=5.2	64.32 358	P	P	12 11 26.9	+1.3
Q58A	Fox Den Farm, baz=172	59.06 354	P	P	12 10 50.4	+0.1	MSTX	Muleshoe baz=146,SNR=28	61.87 330	P	P	12 11 09.0	-0.7	J47A	Summer baz=165,SNR=5.4	64.33 346	P	P	12 11 24.3	-1.4
W49A	Springfield baz=168,SNR=6.2	59.17 346	P	P	12 10 49.6	-1.4	MSTX	Muleshoe M53A	61.87 330	P	P	12 11 08.9	-0.9	H57A	Richville baz=175,SNR=7.4	64.35 356	P	P	12 11 25.6	-0.1
S53A	Magazine baz=154,SNR=18	59.20 338	P	P	12 10 51.3	0.0	NVA3	Neumayer Olymp baz=169,SNR=4.4	61.94 161	P	P	12 11 10.4	+0.8	H64A	Troy baz=181	64.38 1	P	P	12 11 26.5	+0.5
Q57A	Strasburg baz=171,SNR=15	59.23 353	P	P	12 10 52.2	+0.8	N49A	Columbus Grove baz=166,SNR=20	61.97 348	P	P	12 11 08.8	-1.2	H63A	New Sharon baz=180,SNR=5.1	64.39 0	P	P	12 11 26.9	+0.8
ABTX	Ablene, Hawle baz=148,SNR=13	59.31 332	P	P	12 10 51.9	-0.3	L58A	Harry Jones Me baz=174,SNR=6.6	61.97 356	P	P	12 11 10.5	+0.3	I52A	Shelburne baz=177	64.41 352	P	P	12 11 26.2	-0.1
ABTX	Ablene, Hawle R51A	59.31 348	P	P	12 10 51.9	-0.3	L61A	Hillsdale 1, H baz=177	61.99 357	P	P	12 11 10.9	-0.4	H59A	Cadyville baz=177,SNR=5.5	64.44 358	P	P	12 11 26.5	0.0
Q56A	Snyder Ridge baz=165,SNR=6.0	59.33 352	P	P	12 10 52.8	+0.6	L57A	Andrews Acres baz=173	62.01 355	P	P	12 11 10.2	-0.1	ANMO	Albuquerque ANMO	64.45 328	d/P	P	12 11 27.3	+0.3
Q55A	Buckhannon baz=170,SNR=7.6	59.41 351	P	P	12 10 53.0	+0.3	M51A	Elyria baz=168	62.01 350	P	P	12 11 09.2	-1.2	ANMO	Albuquerque baz=142	64.45 328	P	P	12 11 27.6	+0.6
R50A	Paris baz=165,SNR=5.1	59.44 347	P	P	12 10 51.8	-1.1	SRIG	Santa Rosa SRIG	62.02 318	P	I	12 11 10.7	-0.1	ANMO	Albuquerque LONY	64.46 357	P	P	12 11 26.8	+0.2
Q53A	Leroy baz=168,SNR=11	59.49 350	P	P	12 10 52.9	-0.4	SRIG	Santa Rosa SRIG	62.02 318	P	I	12 11 25.8	0.0	H56A	Elgin baz=174,SNR=7.1	64.53 355	P	P	12 11 27.0	0.0
Q54A	Coxs Mills baz=169,SNR=5.2	59.50 351	P	P	12 10 52.9	-0.5	SFIN	Lafayette baz=162,SNR=11	62.06 346	P	P	12 11 08.6	-2.1	H55A	Tweed baz=173,SNR=5.4	64.57 355	P	P	12 11 26.9	-0.3
P58A	Pank, Wackersv baz=173,SNR=5.2	59.56 354	P	P	12 10 54.9	+1.2	L59A	Walton baz=175,SNR=6.9	62.06 356	P	P	12 11 11.2	+0.5	H66A	Whiting baz=183	64.58 3	P	P	12 11 27.8	+0.4
P59A	Jarrettsville baz=171	59.60 355	P	P	12 10 54.0	+0.1	N48A	Decatur baz=165,SNR=8.3	62.09 348	P	P	12 11 09.4	-1.4	CBK5	Cedar Bluff baz=150,SNR=12	64.62 335	P	P	12 11 27.5	-0.3
P57A	Homestead Farm baz=172,SNR=5.8	59.63 353	P	P	12 10 55.1	+0.9	M52A	Chesterland baz=168	62.09 351	P	P	12 11 09.9	-1.0	I49A	Point Hope baz=168,SNR=6.6	64.66 350	P	P	12 11 26.4	-1.5
R49A	Shelbyville baz=164	59.63 347	P	P	12 10 53.1	-1.1	AMTX	Amtillo baz=147	62.12 331	P	P	12 11 10.7	-0.7	H53A	Bobcaygeon baz=172,SNR=8.7	64.72 354	P	P	12 11 27.7	-0.6
Q52A	Bidwell baz=167,SNR=5.3	59.72 349	P	P	12 10 53.9	-0.9	BINY	Binghamton baz=174,SNR=6.9	62.13 355	P	P	12 11 11.5	+0.3	TUC	Tucson baz=138	64.75 323	P	P	12 11 28.8	0.0
P56A	Dayton Farm, R baz=171,SNR=7.5	59.74 353	P	P	12 10 55.5	+0.5	VNA1	Neumayer-Stat Greenwood	62.16 161	P	P	12 11 12.4	+1.4	TUC	Tucson baz=138	64.75 323	P	P	12 11 29.6	+0.7
WCI	Wyandotte Cave comp=Z,50nm,1.1s	59.82 346	P	P	12 10 54.2	-1.4	L56A	Greenwood baz=173,SNR=5.2	62.21 354	P	P	12 11 11.9	+0.2	TUC	Tucson baz=138	64.75 323	P	I	12 11 28.8	0.0
WCI	Wyandotte Cave baz=163	59.82 346	P	P	12 10 54.1	-1.4	L61B	Northampton baz=178	62.21 358	P	P	12 11 11.7	0.0	TUC	T					

E63A	Oxbow	66.18	2	P	P	12 11 38.2 +0.5
E64A	Bridgewater	66.20	2	P	P	12 11 38.1 +0.3
F51A	Arnstein	66.21	353	P	P	12 11 37.0 -0.9
G45A	Suttons Bay	66.22	348	P	P	12 11 36.7 -1.3
G45A	Suttons Bay	66.22	348	I Amb	I Amb	12 11 47.1
E57A	Chemin Saint G	66.22	357	P	P	12 11 38.6 +0.7
SDCO	Great Sand Dun	66.22	330	P	P	12 11 38.9 +0.4
SDCO	Great Sand Dun	66.22	330	I Amb	I Amb	12 11 58.9
I40A	Norwalk	66.23	344	I Amb	I Amb	12 11 56.3
W18A	Petrified Fore	66.28	326	P	P	12 11 39.2 +0.4
W18A	Petrified Fore	66.28	326	I Amb	I Amb	12 11 59.6
BGNE	Belgrade	66.28	338	P	P	12 11 38.0 -0.5
F49A	Sandfield	66.32	351	P	P	12 11 36.8 -1.8
G46A	Petoskey	66.34	349	P	P	12 11 37.6 -1.1
E55A	Montcer-Lytto	66.37	356	P	P	12 11 38.2 -0.7
E56A	St. Veronique	66.40	357	P	P	12 11 38.6 -0.4
E53A	Dumoine, Ponti	66.42	355	P	P	12 11 38.8 -0.4
E52A	Mattawa	66.42	354	P	P	12 11 38.3 -0.9
E54A	Lac Daplat, Po	66.44	355	P	P	12 11 38.5 -0.8
F48A	Evanville	66.47	351	P	P	12 11 38.0 -1.5
E51A	G1948 Merrick	66.76	353	P	P	12 11 41.0 -0.4
D63A	Stockholm	66.81	2	P	P	12 11 41.9 +0.3
F45A	CMU Biological	66.81	349	P	P	12 11 40.1 -1.6
D67A	Chemin Vers le	66.82	358	P	P	12 11 41.9 +0.2
D62A	Allapoin, All	66.83	1	P	P	12 11 41.9 +0.1
D62A	Allapoin, All	66.83	1	P	P	12 11 41.7 -0.1
S22A	4UR Ranch, Cre	66.85	329	P	P	12 11 41.7 -0.9
D58A	Chemin du LacG	66.86	358	P	P	12 11 42.3 +0.3
D56A	ZEC Mazanza, M	66.89	357	P	P	12 11 42.4 +0.3
D55A	Sainte-Anne-du	66.90	356	P	P	12 11 42.0 -0.2
E48A	Lockekey	67.04	351	P	P	12 11 42.2 -0.9
I37A	Lemond, Waseca	67.10	342	I Amb	I Amb	12 11 54.8
D54A	Lac Fusel, La	67.11	355	P	P	12 11 42.9 -0.7
D53A	Lac Vavie, Po	67.12	355	P	P	12 11 43.4 -0.3
D53A	Lac Vavie, Po	67.12	355	I Amb	I Amb	12 11 53.9
BATG	Bathurst New B	67.13	3	P	P	12 11 43.2 -0.5
LATQ	La Tuque	67.14	358	P	P	12 11 44.2 +0.4
E47A	Iron Bridge	67.18	350	P	P	12 11 43.0 -1.0
Y14A	Wickenburg	67.21	323	I Amb	I Amb	12 11 56.8
MVCO	Mesa Verde	67.25	328	P	P	12 11 44.8 -0.2
MVCO	Mesa Verde	67.25	328	I Amb	I Amb	12 12 05.5
E46A	Sault Ste. Mar	67.26	350	I Amb	I Amb	12 12 02.3
D51A	Lot 18 Range I	67.29	353	P	P	12 11 44.1 -0.7
OGNE	Ogallala	67.36	335	P	P	12 11 45.3 -0.2
G40A	Rib Lake	67.42	345	I Amb	I Amb	12 12 04.8
D50A	G1974 Best Tow	67.42	353	P	P	12 11 44.8 -0.7
WUAZ	Wupatki	67.46	325	P	P	12 11 47.1 +0.9
WUAZ	Wupatki	67.46	325	I Amb	I Amb	12 12 08.1
GLA	Glamis	67.64	321	P	P	12 11 48.4 +1.0
D48A	Paudash Townsh	67.67	352	P	P	12 11 45.8 -1.4
D46A	Sault St. Mari	67.73	350	P	P	12 11 46.2 -1.3
D47A	Chapleau	67.74	351	P	P	12 11 46.3 -1.3
E43A	Lone Tree Farm	67.76	348	I Amb	I Amb	12 12 05.6
E44A	Grand Marais A	67.79	349	I Amb	I Amb	12 12 06.3
E44A	Grand Marais A	67.79	349	I Amb	I Amb	12 12 06.3
ECSD	EROS Data Cent	67.82	340	P	P	12 11 47.2 -1.0
ECSD	EROS Data Cent	67.82	340	I Amb	I Amb	12 12 06.9
TAOE	Nuku Hiva Isla	67.91	268	eLR	LR	12 32 19.8
TAOE	Nuku Hiva Isla	67.91	268	eT	T	12 35 44.8
ISCO	Idaho Springs	67.94	331	P	P	12 11 49.2 -0.2
Y12C	Blythe	67.96	321	P	P	12 11 50.4 +1.9
PV01	Paradox Valley	68.00	328	I Amb	I Amb	12 12 10.5
SPMN	Marine on St.	68.05	343	P	P	12 11 48.7 -0.9
SPMN	Marine on St.	68.05	343	I Amb	I Amb	12 12 07.6
SMCO	Snowmass	68.06	330	I Amb	I Amb	12 12 01.9
PDMCI	Parker Dam, Lak	68.13	322	P	P	12 11 50.1 -0.2
IKP	In-Ko-Pah, Jac	68.14	320	P	P	12 11 51.4 +0.8
SWSC	Sam W. Stewart	68.15	320	P	P	12 11 51.7 +1.2
PV07	Paradox Valley	68.28	329	I Amb	I Amb	12 12 13.0
BC3	Big Chalkwall	68.44	321	P	P	12 11 52.9 +0.5
MONP2	Monument Peak	68.49	320	P	P	12 11 53.8 +0.9
BAR	Barrett	68.50	319	P	P	12 11 53.3 +0.6
BAR	Barrett	68.50	319	I Amb	I Amb	12 11 55.2
IRM	Iron Mountain	68.61	321	P	P	12 11 53.9 +0.5
NVL	NWazarevskaya	68.73	159	eP	pmx	12 11 53.1 -0.5
NEE2	Needles Airpor	68.73	322	P	P	12 11 54.4 +0.3
109C	Camp Elliot, M	68.91	319	P	P	12 11 56.2 +1.0
N23A	Red Feather La	68.97	332	P	P	12 11 55.8 0.0
BELC	Belle Mtn, Jos	69.00	321	P	P	12 11 57.1 +1.1
PFO	Pinyon Flats O	69.01	320	dP	pmx	12 11 57.4 +1.2
PFO	Pinyon Flats O	69.01	320	P	P	12 11 57.2 +1.2
PFO	Pinyon Flats O	69.01	320	P	P	12 11 56.4 +0.3
SUSD	Miller	69.23	339	P	P	12 11 55.8 -1.2
GMRC	Granite Mounta	69.35	321	P	P	12 11 59.3 +1.2

O20A	White River Ci	69.41	330	P	P	12 11 58.6 +0.1
MURC	Murrieta	69.45	320	P	P	12 11 59.6 +1.0
LIC	Lamto	69.48	75	eP	P	12 11 57.5 -1.7
TIC	Toumoudi	69.66	75	eP	P	12 11 58.0 -2.3
BBRC	Big Bear Solar	69.74	320	P	P	12 12 02.0 +1.4
MATO	Matagami	69.78	355	P	P	12 11 59.3 -0.9
HEC	Hector, Ludlow	69.78	321	P	P	12 12 01.8 +1.1
KIC	Kosna Boka	69.80	75	eP	P	12 11 59.7 -1.5
DBIC	Dimbokro	69.82	75	P	P	12 11 60.0 -1.3
DBIC	Dimbokro	69.82	75	P	pmx	12 11 59.5 -1.8
DBIC	Dimbokro	69.82	75	P	I Amb	12 11 59.5 -1.8
DBIC	Dimbokro	69.82	75	P	I Amb	12 12 09.7
SC12	San Clemente I	69.87	318	P	P	12 12 02.4 +1.3
TUQ	Turquoise Moun	69.96	322	P	P	12 12 02.6 +0.8
DRLN	Deer Lake	69.96	9	P	P	12 12 00.7 -0.6
CIS	Catalina Islan	70.06	319	P	P	12 12 03.3 +0.9
QSPA	South Pole Qui	70.14	180	P	P	12 12 03.1 +0.5
BFSC	Mount Baldy Ra	70.17	320	P	P	12 12 03.7 +0.6
EYMN	Ely	70.24	345	P	P	12 12 01.8 -1.3
GSC	Goldstone, Bar	70.38	321	P	P	12 12 05.0 +0.6
PASC	Pasadena Art C	70.44	319	P	P	12 12 05.7 +1.0
SHOC	Shoshone, Tco	70.49	322	P	P	12 12 05.6 +0.7
DECC	Green Verdugo	70.59	319	P	P	12 12 07.4 +1.8
K22A	Casper	70.65	333	P	P	12 12 05.8 -0.1
EDW2	Edwards Air Fo	70.80	320	P	P	12 12 07.6 +0.6
RSSD	Black Hills	70.83	335	P	P	12 12 07.1 0.0
RSSD	Black Hills	70.83	335	P	pmx	12 12 07.2 +0.1
RSSD	Black Hills	70.83	335	P	P	12 12 07.1 0.0
BLG	Laguna Peak, P	70.94	319	P	P	12 12 09.5 +1.7
LRMC	Laurel Mtn Rad	71.03	321	P	P	12 12 09.7 +1.3
TPNV	Topopah Spring	71.21	323	P	pmx	12 12 10.6 +1.1
TPNV	Topopah Spring	71.21	323	P	pmx	12 12 10.8 +1.3
TPNV	Topopah Spring	71.21	323	P	I Amb	12 12 10.6 +1.1
TPNV	Topopah Spring	71.21	323	P	I Amb	12 12 41.1
SCZ2	Santa Cruz Isl	71.22	318	P	P	12 12 10.6 +1.2
FURC	Furnace Creek,	71.22	322	P	P	12 12 10.4 +1.1
MPMC	Manuel Prospe	71.31	321	P	P	12 12 11.0 +0.9
ARVC	Arvin	71.48	320	P	P	12 12 12.3 +1.3
ISA	Isabella, Lake	71.62	320	P	pmx	12 12 12.9 +1.0
ISA	Isabella, Lake	71.62	320	P	P	12 12 13.0 +1.1
ISA	Isabella, Lake	71.62	320	P	I Amb	12 12 12.9 +1.0
DUG	Dugway, Tooele	71.70	327	P	pmx	12 12 12.8 +0.4
DUG	Dugway, Tooele	71.70	327	P	P	12 12 13.1 +0.8
DUG	Dugway, Tooele	71.70	327	P	I Amb	12 12 33.5
DUG	Dugway, Tooele	71.70	327	P	I Amb	12 12 33.5
AGMN	Agassiz Nation	71.71	343	P	P	12 12 10.9 -1.1
R11A	Troy Canyon, C	71.83	324	P	P	12 12 14.7 +1.5
R11A	Troy Canyon, C	71.83	324	P	I Amb	12 12 14.1 +0.9
GRAC	Grapevine Rang	71.88	322	P	P	12 12 15.0 +1.6
CWC	Cottonwood Cre	71.92	321	P	P	12 12 15.0 +1.2
PKM	Mcherson Peak	71.92	319	P	P	12 12 15.1 +1.2
PD31	Pinedale Array	72.09	331	P	P	12 12 14.5 -0.2
PDAR	Pinedale Array	72.09	331	P	P	12 12 14.6 -0.2
PDAR	Pinedale Array	72.09	331	P	P	12 12 14.3 -0.5
W06	Vestal, Richgr	72.11	320	P	P	12 12 15.7 +1.1
HWUT	Hardware Ranch	72.15	329	I Amb	I Amb	12 12 28.2
SMCC	Simmler	72.31	319	P	P	12 12 17.3 +1.4
TIN	Tinemaha, Big	72.42	322	P	P	12 12 18.0 +1.2
MDND	Maddock	72.44	340	P	P	12 12 16.2 -0.2
TBI	Tubuai	72.51	251	eLR	LR	12 34 32.9
AHID	Auburn Hatcher	72.81	330	P	P	12 12 19.3 +0.3
MLAC	Mammoth, Mammo	73.17	322	P	P	12 12 22.5 +1.2
NV11	Mina Array Sit	73.33	323	P	P	12 12 22.5 +0.5
ELK	Elko	73.36	326	P	pmx	12 12 22.5 +0.2
ELK	Elko	73.36	326	P	P	12 12 22.5 +0.2
NVAR	Mina Array Bay	73.41	323	P	P	12 12 23.8 +1.1
NVAR	Mina Array Bay	73.41	323	P	P	12 12 23.2 +0.5
ULM	Lac du Bonnet	73.48	343	P	P	12 12 21.4 -1.1
ULM	Lac du Bonnet	73.48	343	I Amb	I Amb	12 12 21.1 -1.4
FLWY	Flagg Ranch	73.64	331	P	I Amb	12 12 24.9 +1.0
TVO	Taravao	73.80	257	eT	T	13 33 08.9
RLMT	Red Lodge	73.82	333	P	P	12 12 25.4 +0.5
LAO	LASA Array	73.82	335	P	P	12 12 24.6 -0.1
LAO	LASA Array	73.82	335	P	I Amb	12 12 24.9 +0.2
LAO	LASA Array	73.82	335	P	I Amb	12 12 20.0
H17A	Grant Village	73.83	331	P	P	12 12 26.0 +0.9
LK4Y	Lake	73.88	332	I Amb	I Amb	12 12 40.9
PWT2	Papeete2	74.15	257	eS	S	12 22 01.5 +1.5
PPT2	Papeete2	74.15	257	eLR	LR	12 35 17.7
SAO	San Andreas Ge	74.15	320	P	pmx	12 12 27.2 +0.4
SAO	San Andreas Ge	74.15	320	P	P	12 12 27.1 +0.4
PPT	Papeete	74.16	257	LR	LR	12 36 51.6

DGMT	Dagmar	74.54	338	P	P	12 12 28.7 -0.1
DGMT	Dagmar	74.54	338	I Amb	I Amb	12 12 40.0
SCHO	Schefferville	74.64	2	P	P	12 12 29.2 0.0
SCHO	Schefferville	74.64	2	LR	LR	12 46 11.4
DLMT	Dillon	75.49	331	P	P	12 12 35.3 +0.8
EGMT	Eagleton	76.32	334	P	P	12 12 39.3 +0.2
EGMT	Eagleton	76.32	334	P	I Amb	12 12 39.0 -0.1
EGMT	Eagleton	76.32	334	P	I Amb	12 12 40.5
O03E	Paynes Creek	76.67	322	P	P	12 12 40.7 -0.5
MOD	Modoc Plateau	76.89	324	P	P	12 12 43.1 +0.5
MSO	Missoula	77.21	331	P	P	12 12 44.9 +0.7
MSO	Missoula	77.21	331	P	P	12 12 45.1 +0.9
N02D	Trinity Center	77.63	322	P	P	12 12 46.8 +0.1
M04C	Macdoel	77.77	323	P	P	12 12 47.3 +0.3
K05A	Summer Lake	77.77	325	I Amb	I Amb	12 12

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

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DZM, EIDS, WRO, etc.

IDC 11 12:08:39.2.2.6.98S-155:07E h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/36, mb1mx3.6/5, ML3.2/1, Error ellipse: s-maj=52.6km s-min=34.9km az=117.0, Bougainville-Solomon Islands region

IDC 11 12:08:58.9.1.5.6181S: 155:13E h0km, mb3.7/5, mb1 4.0/6, mb1mx3.7/36, mb1mx3.7/5, ML3.7/1, Error ellipse: s-maj=36.3km s-min=28.3km az=130.0, IDC 11 12:09:04.8.1.2.6.85S:02.15E:1.02,h41km,n10, c089R/8,mb3.5/5,Bougainville-Solomon Islands region

IDC 11 12:08:49.2.2.0.5374N:163:24W h0km, mb3.4/4, mb1 3.7/5, mb1mx3.4/53, mb1mx3.5/5, ML3.3/1, Error ellipse: s-maj=50.6km s-min=26.3km az=166.0, NEIC 11 12:11:05.2.1.6.5334N:0.07:163:17W:0.06, h24km,11km, Error ellipse: s-maj=5.6km s-min=5.2km az=75.0, AEIC 11 12:16:06.9.1.4.5334N:0.07:163:17W:0.07, h25km,8km, ML3.2/37, Error ellipse: s-maj=10.0km s-min=5.4km az=160.0, IDC 11 12:16:05.8.1.0.5349N:0.09:163:18W:0.04, h21km,6km, n54, c1917/63,mb3.4/3,Unimak Island region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WESP, WESP, FALS, etc.

GENI	Genyem	15.35 286	P	P	12 58 58.6	-1.8
CTA	Charters Tower	15.56 212	Pn	Pn	12 58 58.7	-0.4
CTA	Charters Tower	15.56 212	P	LR	13 04 41.4	
CTAO	Charters Tower	15.56 212	P	Pn	12 58 58.7	-0.4
CTAO	Charters Tower	15.56 212	P	Pmax	12 58 58.7	-0.4
CTAO	Charters Tower	15.56 212	P	Pn	12 58 58.7	-0.4
DZM	Mont Dzumac	18.69 145	ePn	Pn	12 59 38.5	+0.3
DZM	Mont Dzumac	18.69 145	ePn	Pn	13 03 02.4	-4.1
DZM	Mont Dzumac	18.69 145	ePn	Pn	13 03 14.8	
DZM	Mont Dzumac	18.69 145	ePn	Pn	13 03 58.3	
DZM	Mont Dzumac	18.69 145	ePn	Pn	12 59 37.9	-0.3
DZM	Mont Dzumac	18.69 145	ePn	Pn	12 59 38.1	0.0
EIDS	Eidsvold	18.70 191	P	Pn	12 59 38.1	0.0
BAKI	Biak	19.64 286	P	Pn	13 00 01.8	+1.2
TARA	Tarawa	19.74 66	P	P	12 59 48.1	-0.7
QIS	Mout Isa	20.11 226	P	P	12 59 53.1	+0.2
RMQ	Roma	20.32 196	P	P	12 59 56.1	+1.0
RKP	Ransiki, Papua	21.40 286	P	P	13 00 08.6	+1.7
QLP	Quilpie	22.02 404	P	P	13 00 17.3	+0.1
GUMO	Guam	22.72 334	LR	LR	13 08 50.7	
GUMO	Guam	22.72 334	P	Pmax	13 00 18.7	-2.2
GUMO	Guam	22.72 334	P	P	13 00 18.6	-2.2
GUMO	Guam	22.72 334	P	Iamb	13 00 51.5	
KDU	Kakadu	22.86 254	P	P	13 00 22.0	-0.5
FAKI	Fak Fak	22.96 279	P	P	13 00 22.5	-1.1
FAKI	Fak Fak	22.96 279	P	P	13 00 23.1	-0.4
SAUI	Saumliki	23.47 266	P	P	13 00 30.7	+2.1
SAUI	Saumliki	23.47 266	P	P	13 00 28.7	+0.2
ARMA	Armidale	23.57 187	P	P	13 00 28.1	-1.3
ARMA	Armidale	23.57 187	P	Iamb	13 00 30.1	+0.6
WRO	Warrungunga Arr	23.66 235	P	Iamb	13 00 29.9	-0.4
WRO	Warrungunga Arr	23.66 235	P	Iamb	13 00 32.6	
WB0	Warrungunga Arr	23.68 235	P	Iamb	13 00 30.0	-0.5
WB0	Warrungunga Arr	23.68 235	P	Iamb	13 00 33.7	
WB9	Warrungunga Arr	23.70 235	P	P	13 00 30.2	-0.5
WRAB	Tennant Creek	23.80 235	P	Pmax	13 00 31.0	-0.6
WRAB	Tennant Creek	23.80 235	P	Pmax	13 00 33.0	-1.2
WRAB	Tennant Creek	23.80 235	P	Iamb	13 00 33.7	
WB2	Warrungunga Arr	23.80 235	P	P	13 00 31.3	-0.3
WB2	Warrungunga Arr	23.80 235	P	Iamb	13 00 34.0	
WRA	Warrungunga Arr	23.81 235	P	P	13 00 30.9	-0.9
WRA	Warrungunga Arr	23.81 235	P	P	13 04 15.2	+0.7
WRA	Warrungunga Arr	23.81 235	P	P	13 04 45.9	+1.1
WRA	Warrungunga Arr	23.81 235	P	ScP	13 07 52.7	+3.2
WRA	Warrungunga Arr	23.81 235	P	LR	13 09 22.9	
WRA	Warrungunga Arr	23.81 235	P	P	13 00 30.8	-1.0
WRA	Warrungunga Arr	23.81 235	P	Pmax	13 00 30.9	-0.9
FUNA	Funafuti	24.08 95	P	Iamb	13 00 33.9	-0.3
FUNA	Funafuti	24.08 95	P	Iamb	13 00 47.0	
MTN	Mannton Dam	24.18 254	P	P	13 00 35.8	+0.7
MTN	Mannton Dam	24.18 254	P	IAMS_20	13 00 35.2	+0.1
MTN	Mannton Dam	24.18 254	P	IAMS_20	13 10 36.0	
SIJI	Sorong	24.38 283	P	LR	13 00 37.1	+0.1
SIJI	Sorong	24.38 283	P	LR	13 11 01.3	
SWI	Sorong	24.38 283	P	P	13 00 37.9	+0.9
MSVF	Nonsavu	24.95 118	P	Pmax	13 00 42.0	-0.3
MSVF	Nonsavu	24.95 118	P	Pmax	13 00 41.6	-0.6
MSVF	Nonsavu	24.95 118	P	Iamb	13 00 44.7	
CMSA	Cobar Meteorol	25.96 198	P	P	13 00 51.8	+0.7
AS07	Alice Springs	26.13 228	P	P	13 00 52.2	-0.6
AS31	Alice Springs	26.18 228	P	P	13 00 52.6	-0.6
ASAR	Alice Springs	26.18 228	P	P	13 00 52.4	-0.9
ASAR	Alice Springs	26.18 228	P	P	13 04 20.3	+0.6
ASAR	Alice Springs	26.18 228	P	ScP	13 07 58.9	+2.7
ASAR	Alice Springs	26.18 228	P	LR	13 10 43.8	
ASAR	Alice Springs	26.18 228	P	P	13 33 42.0	
ASAR	Alice Springs	26.18 228	P	P	13 00 52.6	-0.7
ASAR	Alice Springs	26.18 228	P	P	13 00 52.5	-0.7
MGCD	Mangrove Creek	26.39 187	P	P	13 00 55.9	+1.0
KNRA	Kunurra	27.08 249	P	P	13 01 02.8	+1.4
KNRA	Kunurra	27.08 249	P	Iamb	13 01 01.3	-0.1
KNRA	Kunurra	27.08 249	P	Iamb	13 01 05.9	
STKA	Stephens Creek	27.77 205	P	P	13 01 06.8	-0.7
STKA	Stephens Creek	27.77 205	P	P	13 01 06.5	-0.9
STKA	Stephens Creek	27.77 205	P	ScP	13 08 04.3	+3.6
STKA	Stephens Creek	27.77 205	P	LR	13 11 36.3	
STKA	Stephens Creek	27.77 205	P	Pmax	13 01 06.6	-0.9
STKA	Stephens Creek	27.77 205	P	Pmax	13 01 06.6	-0.9
STKA	Stephens Creek	27.77 205	P	MLR	13 01 06.6	-0.8
STKA	Stephens Creek	27.77 205	P	T	13 29 39.8	
H1S12	WAKE ISLAND Hy	27.80 24	T	T	13 29 42.3	
H1S11	WAKE ISLAND Hy	27.81 24	T	T	13 29 36.1	
NLAI	Namlea	27.98 276	P	P	13 01 10.9	+1.4
LBMI	Labuha	28.08 282	P	P	13 01 11.9	+1.5
TNTI	Ternate	28.57 284	P	P	13 01 15.9	+1.1
TNTI	Ternate	28.57 284	P	P	13 01 15.1	+0.3
TNTI	Ternate	28.57 284	P	Iamb	13 01 17.3	
H1N11	WAKE ISLAND Hy	28.97 24	T	T	13 31 06.0	
H1N13	WAKE ISLAND Hy	28.98 24	T	T	13 31 09.3	
H1N12	WAKE ISLAND Hy	28.99 24	T	T	13 31 16.7	
SANI	Sanana	29.27 78	P	P	13 01 22.5	+1.5

HTT	Hallett	30.26 207	P	P	13 01 30.0	+0.3
SOEI	Soe	30.48 263	P	P	13 01 35.0	+3.1
SOEI	Soe	30.48 263	P	P	13 01 37.1	-0.2
FITZ	Fitzroy Crossi	30.64 246	P	P	13 01 32.4	-0.6
FITZ	Fitzroy Crossi	30.64 246	P	P	13 01 32.7	-0.3
FITZ	Fitzroy Crossi	30.64 246	P	LR	13 14 00.2	
FITZ	Fitzroy Crossi	30.64 246	P	P	13 01 32.4	-0.6
BB00	Buckleboo	31.16 212	P	P	13 01 36.1	-1.4
BB00	Buckleboo	31.16 212	P	Iamb	13 01 36.7	-0.7
BB00	Buckleboo	31.16 212	P	Iamb	13 01 42.1	
BB00	Buckleboo	31.16 212	P	IAMS_20	13 14 42.3	
WRKA	Warakurna	31.20 232	P	P	13 01 36.3	-1.7
TOO	Tooolag	31.69 194	IAMS_20	IAMS_20	13 14 18.9	
KMSI	Cibinong	31.79 282	P	P	13 01 44.9	+1.7
ARPS	Mount Arapiles	32.02 200	P	P	13 01 45.4	+0.4
DAV	Davao City (W)	32.44 295	LR	LR	13 13 06.6	
MMRI	Maumere	32.45 265	P	P	13 01 49.8	+0.7
MMRI	Maumere	32.45 265	P	P	13 01 48.8	-0.3
LUWI	Luwuk	32.62 279	P	P	13 01 52.0	+1.5
LUWI	Luwuk	32.62 279	P	P	13 01 51.0	+0.5
KCP	Kidapawan	32.85 284	P	P	13 01 54.2	+1.6
EDFI	Edifoes	32.99 265	P	P	13 01 53.3	-0.6
APSI	Ampana	33.74 279	P	P	13 02 01.7	+1.4
MRSI	Marisi	33.75 281	P	P	13 02 00.9	+0.5
BASI	Baing, Sumba	34.13 262	P	P	13 02 06.7	+3.0
MSLP	Masin	34.43 139	eP	P	13 02 06.7	+0.4
FORT	Forest	34.60 223	P	P	13 02 06.9	-0.7
FORT	Forest	34.60 223	Iamb	Iamb	13 02 13.1	
BKSI	Bulumba	34.66 271	P	P	13 02 09.4	+1.1
KCP	Kidapawan	34.66 271	P	P	13 02 09.8	0.0
PAGZ	Pagadian	34.74 294	eP	P	13 02 10.5	+1.3
BNSI	Bone	34.76 272	P	P	13 02 11.4	-0.3
KAPI	Kappang	35.05 271	P	P	13 02 11.8	+0.1
KAPI	Kappang	35.05 271	P	Pmax	13 02 11.8	+0.1
KAPI	Kappang	35.05 271	P	Iamb	13 02 11.8	+0.1
KAPI	Kappang	35.05 271	P	Iamb	13 02 13.8	
SPSI	Sidrap Palu	35.14 273	P	P	13 02 12.6	+0.2
WBSI	Waikabubak, Su	35.28 263	P	P	13 02 16.1	+2.4
MPSI	Mapaga	35.71 280	P	P	13 02 17.0	-0.3
CNOR	Candoni, Negro	36.24 297	eP	P	13 02 22.1	+0.2
GUIM	Guim Jordan	36.64 298	eP	P	13 02 25.5	+0.3
KUTZ	Kaahu Road	36.65 152	P	P	13 02 35.1	+1.0
PLAI	Plampang	36.86 265	P	P	13 02 26.2	-1.0
PSAB	Pilbara Seismi	36.89 243	P	IAMS_20	13 02 56.7	
PSA00	Pilbara Seismi	36.89 243	P	Iamb	13 02 29.1	
PSA00	Pilbara Seismi	36.89 243	P	Iamb	13 02 29.1	
URZ	Urewera	37.08 150	P	P	13 02 29.5	+0.8
URZ	Urewera	37.08 150	P	Iamb	13 02 29.1	+0.4
URZ	Urewera	37.08 150	P	Iamb	13 03 10.5	
URZ	Urewera	37.08 150	P	P	13 02 34.2	+5.5
PKGZ	Pakihoro	37.27 149	P	P	13 02 35.7	+5.2
MWZ	Matawai	37.34 150	P	P	13 02 31.8	+0.8
WMGZ	Waiongatini S	37.40 149	P	P	13 02 33.2	+1.8
MTHZ	Maungataniwha	37.42 151	P	P	13 02 34.8	+3.2
BLKZ	Black Stump Fm	37.42 152	P	P	13 02 36.3	+4.0
PUZ	Puketiti	37.51 149	P	P	13 02 36.3	+4.0
BHHZ	Black Hill Sta	37.56 153	P	P	13 02 38.1	+5.3
SNZG	Shannon Statio	37.60 151	P	P	13 02 34.5	+1.3
MCNHZ	McNeill Hill	37.82 152	P	P	13 02 37.5	+2.5
KRHZ	Kereri	37.83 153	P	P	13 02 36.6	+1.5
THZ	Topouose	38.17 158	P	P	13 02 38.2	+0.2
KAHZ	Kahurangi	38.18 152	P	P	13 02 39.4	+1.4
SNZO	South Karori	38.48 156	P	P	13 02 39.0	-1.5
BFZ	Birch Farm	38.72 154	IAMS_20	IAMS_20	13 19 59.1	
FOZ	Fox Glacier	38.72 163	IAMS_20	IAMS_20	13 18 26.6	
LTZ	Lake Taylor	38.84 160	P	P	13 02 43.8	+0.3
LTZ	Lake Taylor	38.84 160	P	IAMS_20	13 18 41.2	
KHZ	Kahutara	38.97 158	P	P	13 02 44.4	-0.2
KHZ	Kahutara	38.97 158	P	Iamb	13 02 50.5	
KHZ	Kahutara	38.97 158	P	IAMS_20	13 17 27.2	
OXZ	Oxford	39.24 160	P	P	13 02 46.9	+0.1
RPZ	Rata Peaks	39.26 161	P	P	13 02 47.4	+0.4
RPZ	Rata Peaks	39.26 161	P	P	13 02 47.8	+0.7
LBZ	Lake Benmore	39.61 163	IAMS_20	IAMS_20	13 18 18.1	
ENPP	El Nihi	39.68 297	eP	P	13 02 51.5	+0.6
WEEK	Wanaka	39.69 164	IAMS_20	IAMS_20	13 16 57.2	
WEEK	Wanaka	39.71 236	P	P	13 02 50.8	-0.3
LUBP	Lubang	40.11 301	eP	P	13 02 52.3	-2.1
SPMM	Sapulut	40.12 286	P	P	13 02 56.0	+1.4
ODZ	Otahua Downs	40.34 163	IAMS_20	IAMS_20	13 19 09.5	
CAUP	Cauayan	40.45 306	eP	P	13 02 58.5	+1.3
JAGI	Jajag, Banyuwa	40.45 265	P	P	13 02 55.7	-1.6
JAGI	Jajag, Banyuwa	40.45 265	P	Iamb	13 02 55.2	-2.1
JAGI	Jajag, Banyuwa	40.45 265	P	Iamb	13 02 56.8	
KKM	Kota Kinabalu	40.75 288	P	P	13 02 59.9	0.0
KKM	Kota Kinabalu	40.75 288	P	Iamb	13 03 01.6	
SMPP	San Manuel, Pa	40.95 304	eP	P	13 03 00.8	-0.6
GIRL	Giralala	42.18 244	P	P	13 03 12.7	+1.3
GIRL	Giralala	42.18 244	P	P	13 03 11.9	+0.5
GIRL	Giralala	42.18 244	P	IAMS_20	13 22 00.9	
JOW	Kulligami	42.37 323	P	P	13 03 11.8	-1.0
KLBR	Kelberrin	42				

KNK	comp=Z,87nm,1.3s	80.92	24	Iamb	Iamb	13 07 33.7
GHO	comp=Z,55nm,1.1s	80.94	24	Iamb	Iamb	13 07 33.4
DGZ	comp=Z,55nm,1.2s	81.07	323d	I/P	P	13 07 33.1 -0.2
KLRI	comp=Z,10.0nm,1.0s	81.16	289	eP	P	13 07 34.0 -0.3
KTH	comp=Z,15nm,1.2s	81.19	22	Iamb	Iamb	13 07 33.9
HIN	comp=Z,2.0m,21.0s	81.19	25	Iamb	Iamb	13 07 35.0
TRF	comp=Z,92nm,1.2s	81.36	22	Iamb	Iamb	13 07 34.9
FID	comp=Z,77nm,1.2s	81.39	25	Iamb	Iamb	13 07 35.8
BPWW	comp=Z,89nm,1.9s	81.48	21	Iamb	Iamb	13 07 35.7
EYAK	comp=Z,1.0m,20.0s	81.59	25	Iamb	Iamb	13 07 37.3
IMAR	comp=Z,5.1nm,1.3s	81.69	19	P	P	13 07 35.4 -0.6
RND	comp=Z,2.0m,22.0s	81.87	22	IAMS_20	IAMS_20	13 38 34.4
ZSN	comp=Z,7.3nm,3.9s	81.87	320	eP	P	13 07 36.0 -1.5
RAGM	comp=Z,7.3nm,3.9s	81.97	26	Iamb	Iamb	13 07 39.6
MCK	comp=Z,2.0m,20.0s	82.02	22	IAMS_20	IAMS_20	13 41 06.5
BWN	comp=Z,1.0m,20.0s	82.07	21	IAMS_20	IAMS_20	13 40 29.5
MLY	comp=Z,1.0m,20.0s	82.11	20	IAMS_20	IAMS_20	13 40 49.9
DHY	comp=Z,2.0m,20.0s	82.25	23	Iamb	Iamb	13 07 40.6
NEA	comp=Z,1.0m,19.0s	82.44	21	IAMS_20	IAMS_20	13 43 36.9
WRH	comp=Z,92nm,1.5s	82.74	21	Iamb	Iamb	13 07 42.1
CCB	comp=Z,2.0m,19.0s	82.94	21	Iamb	Iamb	13 07 42.9
PAX	comp=Z,1.0m,20.0s	82.94	23	Iamb	Iamb	13 07 44.1
TGL	comp=Z,34nm,1.4s	82.95	26	Iamb	Iamb	13 07 44.6
MDM	comp=Z,2.0m,19.0s	82.95	21	Iamb	Iamb	13 07 44.0
QSPA	comp=Z,2.0m,19.0s	83.04	180	P	P	13 07 43.6 +0.2
QSPA	comp=Z,2.0m,19.0s	83.04	180	P	P	13 07 43.9 +0.5
COLA	comp=Z,123nm,1.6s	83.04	21	P	P	13 07 42.5 -0.6
HDA	comp=Z,1.0m,19.0s	83.12	22	P	P	13 07 42.1 -1.4
HDA	comp=Z,1.0m,19.0s	83.12	22	Iamb	Iamb	13 07 44.4
BALM	comp=Z,2.0m,20.0s	83.29	26	Iamb	Iamb	13 07 46.3
POKR	comp=Z,2.0m,20.0s	83.32	21	P	P	13 07 42.7 -2.0
MK31	comp=Z,1.1nm,0.9s	83.33	319	P	P	13 07 45.0 -0.1
MKAR	comp=Z,9.5nm,0.8s	83.33	319	P	P	13 07 44.8 -0.3
MKAR	comp=Z,0.6nm,1.0s	83.33	319	P	P	13 26 03.4 -3.3
IL31	comp=Z,421nm,19.3s	83.33	22	Iamb	Iamb	13 46 29.3
ILAR	comp=Z,7.1nm,1.6s	83.33	22	P	P	13 07 43.6 -1.1
ILAR	comp=Z,1.0m,19.0s	83.33	22	P	P	13 07 43.7 -1.0
MAKZ	comp=Z,2.0m,20.0s	83.54	319	P	P	13 07 45.9 -0.2
MAKZ	comp=Z,2.0m,20.0s	83.54	319	P	P	13 07 45.9 -0.2
RIDG	comp=Z,2.0m,20.0s	83.57	23	IAMS_20	IAMS_20	13 39 38.5
MENT	comp=Z,49nm,1.4s	83.62	24	Iamb	Iamb	13 07 48.0
SCRK	comp=Z,1.0m,21.0s	84.02	23	IAMS_20	IAMS_20	13 39 42.3
ZAAO	comp=Z,2.0m,20.0s	84.11	326	P	P	13 07 47.8 -1.0
ZALV	comp=Z,2.8nm,0.4s	84.11	326	P	P	13 07 47.3 -1.5
ZALV	comp=Z,2.48nm,18.3s	84.11	326	P	P	13 48 46.2
ZALV	comp=Z,2.0m,20.0s	84.11	326	P	P	13 07 47.7 -1.1
PRP	comp=Z,2.0m,20.0s	84.22	21	IAMS_20	IAMS_20	13 45 17.6
SHLS	comp=Z,33nm,1.6s	84.25	315	eP	P	13 07 46.9 -3.1
SHLS	comp=Z,33nm,1.6s	84.25	315	eP	P	13 07 46.8 -3.1
MAW	comp=Z,1.8nm,0.9s	84.43	203	P	P	13 07 51.2 +1.0
MAW	comp=Z,1.8nm,0.9s	84.43	203	P	P	13 07 51.2 +1.0
MAW	comp=Z,565nm,19.2s	84.43	203	P	P	13 07 51.3 +1.0
MAW	comp=Z,33nm,1.8s	84.43	203	P	P	13 07 51.3 +1.0
BCAR	comp=Z,39nm,2.4s	84.55	315	eP	P	13 07 50.9 +0.4
UZB	comp=Z,39nm,2.4s	84.55	315	eP	P	13 07 51.0 -0.6
TOLK	comp=Z,39nm,2.4s	84.58	18	P	P	13 07 51.3 +0.3
TOLK	comp=Z,39nm,2.4s	84.58	18	Iamb	Iamb	13 07 52.8
FYU	comp=Z,1.0m,20.0s	84.86	20	IAMS_20	IAMS_20	13 42 34.4
SATY	comp=Z,32nm,2.7s	84.97	314	eP	P	13 07 52.9 -0.7
SATY	comp=Z,32nm,2.7s	84.97	314	eP	P	13 07 52.9 -0.7
EGAK	comp=Z,62nm,1.3s	85.48	23	Iamb	Iamb	13 07 58.7
EGAK	comp=Z,2.0m,21.0s	85.51	20	P	P	13 07 55.9 +0.2
BMAR	comp=Z,17nm,0.8s	85.63	313	Iamb	Iamb	13 08 12.6
SEM	comp=Z,39nm,2.4s	85.67	322	eP	P	13 07 54.5 -2.7
SEM	comp=Z,39nm,2.4s	85.67	322	eP	P	13 07 54.4 -2.7
SKAG	comp=Z,54nm,1.3s	85.84	29	Iamb	Iamb	13 07 59.7
KSH	comp=Z,52nm,1.2s	85.94	310	P	P	13 08 00.5 +2.0
KSH	comp=Z,52nm,1.2s	85.94	310	P	P	13 08 18.6 +2.8
KSH	comp=Z,52nm,1.2s	85.94	310	P	P	13 08 29.0 -0.3

KSH	comp=Z,330nm,15.5s	86.06	314	eP	P	13 07 56.9 -2.2
AAA	comp=Z,770nm,20.7s	86.06	314	eP	P	13 07 56.8 -2.2
AAA	comp=Z,78nm,2.6s	86.16	315	eP	P	13 07 58.0 -1.4
AAA	comp=Z,78nm,2.6s	86.16	315	eP	P	13 07 58.0 -1.4
CHKK	comp=Z,38nm,1.2s	86.48	28	Iamb	Iamb	13 08 02.7
CHKK	comp=Z,38nm,1.2s	86.48	28	Iamb	Iamb	13 08 02.7
BOOM	comp=Z,28nm,1.4s	86.60	313	P	P	13 08 01.1 -0.6
BOOM	comp=Z,28nm,1.4s	86.60	313	P	P	13 08 01.1 -0.6
KURK	comp=Z,8.0nm,1.3s	86.76	322c	I/P	P	13 08 00.3 -1.8
KURK	comp=Z,8.0nm,1.3s	86.76	322c	I/P	P	13 08 00.3 -1.8
KURK	comp=Z,8.0nm,1.3s	86.76	322c	I/P	P	13 08 00.3 -1.8
KURK	comp=Z,8.0nm,1.3s	86.76	322c	I/P	P	13 08 00.3 -1.8
NIL	comp=Z,40nm,0.9s	86.94	304	P	P	13 08 02.8 -0.7
NIL	comp=Z,40nm,0.9s	86.94	304	P	P	13 08 02.8 -0.7
BBB	comp=Z,40nm,0.9s	87.50	37	LR	LR	13 44 43.3
BBB	comp=Z,40nm,0.9s	87.50	37	LR	LR	13 44 43.3
BBB	comp=Z,40nm,0.9s	87.50	37	LR	LR	13 44 43.3
AAK	comp=Z,3.3nm,1.0s	87.68	313	P	P	13 08 07.0 0.0
AAK	comp=Z,3.3nm,1.0s	87.68	313	P	P	13 08 07.1 +0.1
AAK	comp=Z,3.3nm,1.0s	87.68	313	P	P	13 08 07.1 +0.1
AAK	comp=Z,3.3nm,1.0s	87.68	313	P	P	13 08 07.1 +0.1
SGDS	comp=Z,32nm,1.9s	87.75	314	eP	P	13 08 06.2 -0.9
EPYK	comp=Z,28nm,2.1s	87.82	22	P	P	13 08 07.6 +0.6
EPYK	comp=Z,28nm,2.1s	87.82	22	P	P	13 08 07.6 +0.6
EPYK	comp=Z,28nm,2.1s	87.82	22	P	P	13 08 07.6 +0.6
KCPM	comp=Z,2.0m,20.0s	87.86	50	IAMS_20	IAMS_20	13 43 43.1
KRMR	comp=Z,2.0m,20.0s	87.86	49	IAMS_20	IAMS_20	13 42 37.1
KRMR	comp=Z,2.0m,20.0s	87.86	49	IAMS_20	IAMS_20	13 39 54.7
KHMM	comp=Z,2.0m,20.0s	87.97	49	IAMS_20	IAMS_20	13 47 14.9
MCCM	comp=Z,2.0m,20.0s	88.12	51	IAMS_20	IAMS_20	13 43 25.0
HOPS	comp=Z,2.0m,20.0s	88.12	51	IAMS_20	IAMS_20	13 41 47.1
GDXM	comp=Z,2.0m,20.0s	88.30	51	IAMS_20	IAMS_20	13 42 34.8
BTLS	comp=Z,2.0m,20.0s	88.47	316	eP	P	13 08 09.8 -0.8
BTLS	comp=Z,2.0m,20.0s	88.47	316	eP	P	13 08 09.7 -0.8
002D	comp=Z,2.0m,20.0s	88.55	49	P	P	13 08 12.0 +0.9
NR1K	comp=Z,6.7nm,1.0s	88.67	341	P	P	13 08 09.8 -1.1
M02C	comp=Z,6.7nm,1.0s	88.72	48	P	P	13 08 12.7 +0.8
N02D	comp=Z,6.7nm,1.0s	88.75	49	P	P	13 08 13.0 +1.0
WDC	comp=Z,6.7nm,1.0s	88.81	49	IAMS_20	IAMS_20	13 46 06.1
HUMO	comp=Z,6.7nm,1.0s	88.86	47	IAMS_20	IAMS_20	13 42 24.4
YBH	comp=Z,6.7nm,1.0s	88.88	48	IAMS_20	IAMS_20	13 40 45.1
F03A	comp=Z,6.7nm,1.0s	89.05	44	IAMS_20	IAMS_20	13 41 14.2
NLWA	comp=Z,6.7nm,1.0s	89.12	42	IAMS_20	IAMS_20	13 42 11.0
003E	comp=Z,6.7nm,1.0s	89.31	49	P	P	13 08 15.2 +0.5
J04D	comp=Z,6.7nm,1.0s	89.58	46	P	P	13 08 16.1 0.0
INK	comp=Z,19nm,1.1s	89.68	21	P	P	13 08 16.0 +0.4
INK	comp=Z,19nm,1.1s	89.68	21	P	P	13 08 16.0 +0.4
INK	comp=Z,19nm,1.1s	89.68	21	P	P	13 08 16.0 +0.4
INK	comp=Z,19nm,1.1s	89.68	21	P	P	13 08 16.0 +0.4
H04A	comp=Z,2.0m,20.0s	89.78	45	IAMS_20	IAMS_20	13 40 54.6
PAGB	comp=Z,2.0m,20.0s	89.80	54	IAMS_20	IAMS_20	13 41 58.7
F04A	comp=Z,2.0m,20.0s	89.83	44	IAMS_20	IAMS_20	13 42 19.9
PKM	comp=Z,2.0m,20.0s	90.03	55	P	P	13 08 19.1 +0.9
CMB	comp=Z,2.0m,20.0s	90.04	52	IAMS_20	IAMS_20	13 44 53.9
GAR	comp=Z,2.0m,20.0s	90.16	309	Iamb	Iamb	13 08 20.0
GAR	comp=Z,2.0m,20.0s	90.16	309	Iamb	Iamb	13 08 20.0
J05D	comp=Z,2.0m,20.0s	90.22	47	P	P	13 08 19.4 +0.4
I05D	comp=Z,2.0m,20.0s	90.31	46	P	P	13 08 19.5 +0.2
BEKR	comp=Z,2.0m,20.0s	90.34	50	IAMS_20	IAMS_20	13 43 39.7
RUBR	comp=Z,2.0m,20.0s	90.37	51	Iamb	Iamb	13 08 50.0
RUBR	comp=Z,2.0m,20.0s	90.37	51	Iamb	Iamb	13 08 50.0
K05A	comp=Z,2.0m,20.0s	90.38	47	IAMS_20	IAMS_20	13 43 15.6
L05A	comp=Z,2.0m,20.0s	90.39	43	IAMS_20	IAMS_20	13 44 15.6
B05A	comp=Z,2.0m,20.0s	90.45	42	P	P	13 08 20.1 +0.5
F05D	comp=Z,2.0m,20.0s	90.48	44	P	P	13 08 20.2 +0.3
PINE	comp=Z,2.0m,20.0s	90.51	46	IAMS_20	IAMS_20	13 45 02.1
JBG	comp=Z,2.0m,20.0s	90.52	313	eP	P	13 08 19.5 -0.8
JBG	comp=Z,2.0m,20.0s	90.52	313	eP	P	13 08 19.5 -0.8
KBL	comp=Z,31nm,2.1s	90.53	305	P	P	13 08 19.9 -0.8
KBL	comp=Z,31nm,2.1s	90.53	305	P	P	13 08 19.9 -0.8
KBL	comp=Z,31nm,2.1s	90.53	305	P	P	13 08 19.9 -0.8
BLG	comp=Z,31nm,2.1s	90.53	305	P	P	13 08 20.1 -0.3
KKAR	comp=Z,31nm,2.1s	90.64	313	P	P	13 08 20.4 -0.3
MOD	comp=Z,31nm,2.1s	90.69	48	IAMS_20	IAMS_20	13 46 24.8
VES	comp=Z,31nm,2.1s	90.75	54	P	P	13 08 22.3 +0.9
VCNR	comp=Z,31nm,2.1s	90.80	51	IAMS_20	IAMS_20	13 43 03.9
PNTR	comp=Z,31nm,2.1s	90.80	51	Iamb	Iamb	13 08 24.2
PNTR	comp=Z,31nm,2.1s	90.80	51	Iamb	Iamb	13 45 27.8
SC12	comp=Z,31nm,2.1s	90.81	57	P	P	13 08 21.8 +0.1
WAKR	comp=Z,31nm,2.1s	90.85	51	Iamb	Iamb	13 08 25.6
WAKR	comp=Z,31nm,2.1s	90.85	51	Iamb	Iamb	13 44 35.3
ARVC	comp=Z,31nm,2.1s	90.86	55	P	P	13 08 22.5 +0.6
OSI	comp=Z,31nm,2.1s	90.88	55	IAMS_20	IAMS_20	13 42 26.2
B06A	comp=Z,31nm,2.1s	90.89	41	IAMS_20	IAMS_20	13 42 11.0

G06A	comp=Z,1.0m,20.0s	90.95	45	IAMS_20	IAMS_20	13 42 14.7
CIS	comp=Z,1.0m,20.0s	90.97	57	P	P	13 08 23.0 +0.5
MDPB	comp=Z,1.0m,20.0s	91.00	52	Iamb	Iamb	13 08 25.1
MDPB	comp=Z,1.0m,20.0s	91.00	52	Iamb	Iamb	13 44 20.2
CHGR	comp=Z,1.0m,20.0s	91.01	309	Iamb	Iamb	13 08 39.4
CHGR						

11d 12h

Table with columns: Station Name, Frequency, Power, Direction, and Signal Strength. Includes stations like ELK, MDND, JCT, ABLE, U32A, R32A, WMOK, MAK, APA, ECSD, ECSD, 735A, L34A, WHTX, Z35A, KSU1, U5A, N35A, ARCES, TUL1, 237A, Z38A, U38A, SCIA, EYMN, P38A, MIAR, OBN, U40A, G40A, I40A, W41B, SOC, T42A, LCAR, L42A, I42A, 143A, PBMO, FINEG, HDIL, P43A, LPAR, VBMS, PVMO, PENMO, S44A, HENN, M44A, GLAT, HICK, E44A, Y45A, T45A, 346A, G45A, I46A, SFIN, P46A, D46A, Z47A, D47A, K47A, E47A, G47A, V48A, Q48A, N48A, O48A, H48A, CLTN, K48A, L48A, LRAL, LRAL, F48A, D48A.

2014 APR

Table with columns: Station Name, Frequency, Power, Direction, and Signal Strength. Includes stations like MDND, JCT, ABLE, U32A, R32A, WMOK, MAK, APA, ECSD, ECSD, 735A, L34A, WHTX, Z35A, KSU1, U5A, N35A, ARCES, TUL1, 237A, Z38A, U38A, SCIA, EYMN, P38A, MIAR, OBN, U40A, G40A, I40A, W41B, SOC, T42A, LCAR, L42A, I42A, 143A, PBMO, FINEG, HDIL, P43A, LPAR, VBMS, PVMO, PENMO, S44A, HENN, M44A, GLAT, HICK, E44A, Y45A, T45A, 346A, G45A, I46A, SFIN, P46A, D46A, Z47A, D47A, K47A, E47A, G47A, V48A, Q48A, N48A, O48A, H48A, CLTN, K48A, L48A, LRAL, LRAL, F48A, D48A.

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Table with columns: Station Name, Frequency, Power, Direction, and Signal Strength. Includes stations like E48A, TEIG, AKASO, AKASO, AKASO, U49A, T49A, S49A, N49A, N49A, F49A, J49A, I49A, O49A, Z50A, Z50A, T50A, K50A, R50A, P50A, P50A, BRTR, BRTR, BRTR, L50A, S50A, N50A, TGUH, D50A, Z51A, ACSO, ACSO, CPCT, Q51A, Q51A, MATO, P51A, P51A, P51A, S51A, S51A, M51A, I51A, O51A, E51A, 352A, TKL, W52A, F52A, Y52A, Y52A, N52A, M52A, P52A, P52A, NB2, NOA, E52A, SADO, X53A, T53A, D53A, O53A, BOSA, BOSA, BOSA, P53A, P53A, BG3, G53A, L53A, ALGO, Q53A, E53A, ERPA, ERPA, TOPG, ALLY, CFR.

CFR	Carcaliu	120.37	319	PKIKP	13 14 09.4	-0.1
H53A	Bobcaygeon	120.37	42	P	13 14 09.6	0.0
654A	Lake Saint Pet	120.38	41	PKPdf	13 14 09.3	-0.2
154A	Montrose	120.51	56	IAMS_20	IAMS_20	14 00 13.0
E54A	Lac Daplat, Po	120.54	39	P	13 14 09.6	-0.1
D54A	Lac Fusel, La	120.56	38	P	13 14 09.2	-0.5
O54A	Avella	120.65	47	PKIKP	13 14 10.2	0.0
S54A	Dingess, Beckl	120.66	50	P	13 14 09.9	-0.4
T54A	Tazewell	120.66	51	P	13 14 09.8	-0.5
X54A	Belton	120.67	54	P	13 14 10.6	+0.1
N54A	Moraine State	120.68	46	P	13 14 10.5	+0.2
Q54A	Coxs Mills	120.68	49	P	13 14 10.0	-0.2
HARR	Harsova	120.69	319	PKPdf	13 14 09.9	-0.1
HARR	Harsova	120.69	319	PKPdf	13 14 09.9	-0.1
W54A	Cherokee Point	120.69	53	P	13 14 10.5	+0.1
V54A	Nelbo	120.71	52	P	13 14 10.4	-0.1
L54A	Sinclairville	120.72	45	P	13 14 10.1	-0.1
M54A	Oil Creek Stat	120.73	45	P	13 14 09.7	-0.5
MS4A	Oil Creek Stat	120.73	45	P	13 14 09.6	-0.7
P54A	Burton	120.75	48	P	13 14 09.7	-0.7
R54A	Victor	120.80	49	P	13 14 09.5	-1.0
J54A	Appleton	120.82	43	P	13 14 10.4	-0.1
BIZ	Bicaz	120.94	322	PKIKP	13 14 11.0	+0.4
PAUL	Pauline	121.05	53	IAMS_20	IAMS_20	14 00 51.1
I55A	Frankford	121.11	42	P	13 14 10.4	-0.4
WVNY	West Valley, N	121.16	44	IAMS_20	IAMS_20	14 05 20.9
BURAR	Bucovina Array	121.18	323	PKIKP	13 14 12.8	+1.6
BURAR	Bucovina Array	121.18	323	PKIKP	13 14 12.8	+1.6
BURAR	Bucovina Array	121.18	323	PKIKP	13 14 11.3	+0.1
US5A	TAZ, Sparta	121.22	51	P	13 14 11.6	0.0
Y55A	Saluda	121.23	54	P	13 14 11.7	+0.1
E55A	Montcef-Lyot	121.23	39	P	13 14 11.0	-0.1
Q55A	Buckhannon	121.24	48	P	13 14 11.3	-0.1
P55A	Reedsville	121.28	48	P	13 14 11.2	-0.2
V55A	Taylorsville	121.27	52	P	13 14 11.8	+0.3
X55A	Gracelyn & Ava	121.28	54	P	13 14 11.4	-0.1
H55A	Tweed	121.30	41	P	13 14 11.1	-0.1
F55A	Otter Lake	121.31	40	P	13 14 11.2	-0.1
G55A	Calabogie	121.32	40	P	13 14 11.1	-0.1
D55A	Sainte-Anne-du	121.35	38	P	13 14 11.1	-0.2
L55A	Hinsdale	121.35	44	P	13 14 11.3	-0.2
KM5C	Kings Mountain	121.36	53	P	13 14 11.3	-0.3
M55A	Ridgway	121.38	45	P	13 14 11.3	-0.3
M55A	Ridgway	121.38	45	IAMS_20	IAMS_20	13 58 55.8
J55A	Hilton	121.38	43	P	13 14 11.2	-0.2
LB7B	Lobats	121.38	235	PKIKP	13 14 12.9	+0.6
LB7B	Lobats	121.38	235	PKIKP	13 14 12.8	+0.6
K55A	Sutherland	121.40	225	PKPdf	13 14 11.5	-0.6
K55A	Perry	121.41	44	P	13 14 11.1	-0.4
O55A	Ligier	121.42	47	P	13 14 11.7	-0.1
R55A	Marlinton	121.42	49	P	13 14 11.9	0.0
N55A	Marion Center	121.46	46	P	13 14 11.7	-0.1
MLR	Muntele Rosu	121.66	320	PKPdf	13 14 11.8	-0.3
MLR	Muntele Rosu	121.66	320	PKPdf	13 14 11.8	-0.3
X56A	White Oak	121.76	54	P	13 14 12.6	+0.3
D56A	ZEC Mazanza, M	121.77	38	P	13 14 12.3	0.0
Z56A	Williston	121.77	55	IAMS_20	IAMS_20	14 05 06.0
M56A	Emporium	121.78	45	P	13 14 12.5	+0.1
E56A	St. Veronique	121.83	38	P	13 14 12.3	-0.1
V56A	Mocksville	121.84	52	P	13 14 12.4	-0.1
Q56A	Snyder Ridge	121.88	48	P	13 14 11.9	-0.6
Q56A	Snyder Ridge	121.88	48	IAMS_20	IAMS_20	14 12 01.5
H56A	Elgin	121.89	41	P	13 14 12.6	+0.1
N56A	West Decatur	121.90	46	P	13 14 12.4	-0.1
O56A	Blue Knob Stat	121.93	46	P	13 14 12.6	0.0
W56A	Indian Trail	121.95	53	P	13 14 12.9	0.0
L56A	Greenwood	121.98	44	P	13 14 12.5	-0.2
L56A	Greenwood	121.98	44	IAMS_20	IAMS_20	14 06 30.6
P56A	Dayton Farm, R	121.99	47	P	13 14 12.7	0.0
J56A	Wolcott	122.02	43	P	13 14 12.4	-0.2
J56A	Wolcott	122.02	43	IAMS_20	IAMS_20	13 57 55.6
BIRD	Birdtown, Kers	122.18	53	IAMS_20	IAMS_20	14 01 34.8
VOIR	VOIR	122.25	320	PKIKP	13 14 14.3	+1.0
KOLS	Kolonick sedl	122.27	325	PKIKP	13 14 14.1	+0.9
KOLS	Kolonick sedl	122.27	325	PKIKP	13 14 14.1	+0.9
SPLA	Standing Stone	122.29	46	P	13 14 13.3	-0.1
SSPA	Standing Stone	122.29	46	PKPdf	13 14 12.0	-1.2
D57A	Chemin Vers le	122.31	38	P	13 14 12.9	-0.2
Z57A	Bowman	122.32	55	P	13 14 14.2	+0.5
V57A	Coltrane Farms	122.38	52	P	13 14 13.9	+0.2
Y57A	Sumter	122.39	54	IAMS_20	IAMS_20	14 03 11.6
W57A	Gilead	122.41	53	P	13 14 13.9	+0.1
E57A	Chemin Saint G	122.44	38	P	13 14 13.3	-0.1
Q57A	Strasburg	122.46	48	P	13 14 13.7	-0.1
S57A	Dark Hollow, R	122.46	49	P	13 14 13.8	-0.1
T57A	Hurt	122.46	50	P	13 14 14.2	+0.4
N57A	Mitroy	122.49	46	P	13 14 13.7	-0.2
G57A	Newington	122.50	40	P	13 14 13.7	0.0
H57A	Richville	122.51	41	P	13 14 13.4	-0.2
L57A	Andrews Acres	122.52	44	P	13 14 13.6	-0.1
TRPA	Tarpa	122.52	324	PKPdf	13 14 03.5	-1.0
ARR	Arges	122.52	320	PKIKP	13 14 14.1	+0.2
J57A	Williamstown	122.55	42	P	13 14 13.7	-0.1

I57A	baz=294	122.55	41	P	13 14 13.7	-0.1
U57A	Blanch	122.57	51	P	13 14 14.1	0.0
M57A	Sunshine Farm	122.57	45	P	13 14 13.8	0.0
P57A	Homestead Farm	122.60	47	P	13 14 13.9	-0.1
R57A	Standardsville	122.61	49	P	13 14 13.9	0.0
O57A	Amberson	122.62	46	P	13 14 13.9	-0.2
HUMB	Humble	122.68	319	PKPdf	13 14 13.8	-0.1
NHSC	New Hope	122.79	55	IAMS_20	IAMS_20	14 05 56.3
LATQ	La Tuque	122.80	37	P	13 14 13.8	-0.2
D58A	Chemin du LacG	122.88	37	P	13 14 14.0	-0.2
V58A	Windy Hill, Pi	122.92	52	P	13 14 14.5	-0.1
LONY	Lake Ozonia	122.96	40	P	13 14 14.3	-0.1
E58A	La Victoria	122.99	38	P	13 14 14.3	-0.1
R58A	Raplan	123.00	48	P	13 14 14.8	-0.1
Y58A	Sardant	123.00	54	IAMS_20	IAMS_20	14 06 46.8
Q58A	Fox Den Farm,	123.02	48	P	13 14 14.8	-0.1
M58A	Price's Panora	123.03	45	P	13 14 14.4	-0.3
T58A	Grand View Acr	123.03	50	P	13 14 15.2	+0.2
BINY	Binghamton	123.03	43	P	13 14 15.1	+0.2
BINY	Binghamton	123.03	43	IAMS_20	IAMS_20	14 05 06.5
J58A	Galeries	123.04	42	P	13 14 14.8	0.0
K58A	Earville	123.04	43	P	13 14 14.8	0.0
N58A	Sunbury	123.05	45	P	13 14 14.6	-0.1
I58A	Old Forge	123.11	42	P	13 14 14.5	-0.2
P58A	Pank, Wackersv	123.11	47	P	13 14 15.6	+0.5
NIE	Niedzica	123.13	326	PKIKP	13 14 16.0	+1.1
O58A	Lewizberry	123.16	46	P	13 14 15.1	-0.1
U58A	Oxford	123.18	51	P	13 14 15.8	+0.5
S58A	Poland Farm, P	123.19	49	P	13 14 15.1	0.0
L58A	Harry Jones Me	123.19	44	P	13 14 15.2	0.0
R58B	Mineral	123.20	49	P	13 14 15.1	0.0
R58B	Mineral	123.20	49	IAMS_20	IAMS_20	14 09 34.5
H58A	comp=Z,17m,19.0s	123.31	40	P	13 14 15.4	0.0
PLVB	Plevin	123.40	318	PKPdf	13 14 15.2	-0.1
J59A	Plesco	123.51	42	P	13 14 15.9	+0.2
H59A	Cadyville	123.52	40	P	13 14 15.9	+0.2
V59A	Middlesex	123.61	51	P	13 14 16.3	+0.1
M59A	Waymart	123.67	44	P	13 14 16.2	+0.1
N59A	State Game Lan	123.68	45	P	13 14 16.3	+0.1
N59A	State Game Lan	123.68	45	IAMS_20	IAMS_20	14 03 31.8
GZR	Gura Zlata	123.70	321	PKPdf	13 14 14.6	-1.3
GZR	Gura Zlata	123.70	321	PKPdf	13 14 14.6	-1.3
T59A	Double "B" Far	123.77	50	P	13 14 15.8	-0.4
I59A	Oldsteadville	123.78	41	P	13 14 16.4	+0.1
F60A	Warwick	123.99	38	P	13 14 16.4	0.0
OKC	Ostrava-Krasne	124.06	328	PKPpdf	13 14 17.7	+1.1
OKC	Ostrava-Krasne	124.06	328	AMS	13 16 10.0	
E60A	Ste Agathe de	124.10	37	P	13 14 16.2	-0.3
D60A	Saint Jean D'O	124.14	36	P	13 14 16.6	-0.2
I60A	Shoreham	124.14	41	P	13 14 17.4	+0.4
O60A	Telford	124.17	45	P	13 14 17.3	+0.2
N60A	Cedar Hill Far	124.17	45	P	13 14 17.1	0.0
G60A	Masonville	124.17	39	P	13 14 17.8	+0.7
H60A	Morristown	124.19	40	P	13 14 16.6	-0.2
P60A	Greenville	124.20	46	P	13 14 17.1	-0.1
P60A	Greenville	124.20	46	IAMS_20	IAMS_20	14 03 01.5
PSUB	Penn St. - Bra	124.28	46	IAMS_20	IAMS_20	14 06 11.8
BZS	Buzias	124.31	322	PKPdf	13 14 16.9	-0.1
BZS	Buzias	124.31	322	PKPdf	13 14 16.9	-0.1
M60A	Port Jervis	124.32	44	P	13 14 17.6	+0.2
J60A	Lant Hill Farm	124.32	41	P	13 14 16.4	-0.6
L60A	Shokan	124.32	43	P	13 14 17.8	+0.4
Q60A	Greensboro	124.34	47	IAMS_20	IAMS_20	14 11 38.2
MORC	Moravsky Berou	124.41	328	PKIKP	13 14 18.3	+0.9
MORC	Moravsky Berou	124.41	328	PKIKP	13 14 18.3	+0.9
MORC	Moravsky Berou	124.41	328	PKIKP	13 14 17.9	+0.5
D61A	St Aubert, Com	124.42	36	P	13 14 17.2	-0.2
KSP	Ksiaz	124.42	329	PKIKP	13 14 15.8	+1.1
ODNJ	Ogdensburg	124.43	44	IAMS_20	IAMS_20	14 02 25.5
VYHS	Vyhne	124.44	326	PKIKP	13 14 17.6	+0.1
VYHS	Vyhne	124.44	326	PKIKP	13 14 17.6	+0.1
F61A	St Evariste	124.57	37	P	13 14 18.2	+0.5
G61A	St-Isidore-de-	124.58	38	P	13 14 18.3	+0.4
KRLC	Krailky	124.64	329	PKPpdf	13 14 18.2	+0.4
KRLC	Krailky	124.64	329	AMS	13 14 29.2	-1.0
OSTC	Ostas	124.64	329	AMS	14 11 20.0	
E61A	Lac Etchemin	124.64	37	P	13 14 18.5	+0.5
MDVR	Moldovita	124.65	321	PKIKP	13 14 18.0	0.0
K61A	Williamstown	124.67	42	P	13 14 18.6	+0.5
H61A	Lyndonville	124.69	39	P	13 14 18.3	+0.2
DPC	Dobruska-Polom	124.71	329	PKPpdf	13 14 18.9	+0.9
UPC	Ustice	124.77	329	AMS	14 11 30.0	
I61A	Oroboro, Fairl	124.80	40	P	13 14 18.3	+0.1
J61A	Chester	124.84	41	P	13 14 18.7	+0.3
JAVC	Velka Javorina	124.87	327	PKIKP	13 14 19.9	+1.5
PAL	Palisades	124.94	44	P	13 14 18.6	0.0
PAL	Palisades					

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Villa Florida, Santo Domingo, Kesra, MTE, MORF, etc.

IDC 11 12:57:00.6-1.31.09N:103.43E, h0km, mb3.4/3, mb1 3.5/4, mb1mx3.2/61, mbtmp3.5/4, ML3.3/1, Error ellipse: s-maj=123.2km s-min=33.2km az=10.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for LZH, XAN, SONM, WMQ, MKAR, KURBB, etc.

IDC 11 12:59:52.2-1.5.708S:154.64E, h0km, mb3.9/5, mb1 4.2/6, mb1mx3.7/52, mbtmp4.0/6, ML4.0/1, Error ellipse: s-maj=54.5km s-min=26.8km az=131.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for RABL, KRVT, PMG, CTAO, WRRO, ARMA, ASAR, STKA, USRK, SONM, GSPA, ILAR, INK, YKA, etc.

IDC 11 13:00:04.3-1.1.6.93S:155.09E, h0km, mb4.1/8, mb1 4.4/9, mb1mx4.0/52, mbtmp4.2/9, ML4.0/1, Error ellipse: s-maj=34.5km s-min=24.9km az=135.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KRVT, KRVT, KRVT.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for DZM, WRA, ASAR, PETK, CMAR, SONM, ILAR, NVAR, YKA, BDFB, etc.

IDC 11 13:03:05.7-1.2.695S:154.65E, h0km, mb3.8/8, mb1 4.0/10, mb1mx3.7/48, mbtmp3.8/10, ML3.6/2, Error ellipse: s-maj=28.3km s-min=24.2km az=96.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KRVT, DZM, DZM, WRO, WRA, ASAR, FITZ, CMAR, SONM, MK31, MKAR, ILAR, YKA, etc.

IDC 11 13:07:18.1-1.5.6.88S:155.02E, h0km, mb3.6/7, mb1 3.9/7, mb1mx3.6/41, mbtmp3.5/7, Error ellipse: s-maj=60.8km s-min=27.1km az=138.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for WRA, ASAR, CMAR, ILAR, MKAR, NVAR, YKA, etc.

NNC 11 13:07:46.3-1.6.51.80N:75.48E, h0km, mb3.5, mpv3.1, 6C-3D, Error ellipse: s-maj=41.5km s-min=10.2km az=26.0, Suspected Mining explosion., Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KURBB, KURBB, KURK, BVA1, BRVK, BRVK, MK31, etc.

IDC 11 13:11:22.7-1.8.7.06S:155.18E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.7/40, mbtmp3.8/7, ML3.7/1, Error ellipse: s-maj=48.6km s-min=25.6km az=120.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KRVT, KRVT, WRA, ASAR, PETK, CMAR, MKAR, YKA, etc.

IDC 11 13:13:01.2-2.0.7.01S:155.44E, h0km, mb3.6/5, mb1 3.9/6, mb1mx3.6/39, mbtmp3.7/6, Error ellipse: s-maj=49.7km s-min=33.0km az=119.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KRVT, WRA, ASAR, H1S3, H1S1, H1S1, CMAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for MKAR, YKA, etc.

IDC 11 13:19:14.8-0.6.6.82S:155.09E, h0km, mb4.2/18, mb1 4.4/21, mb1mx4.2/53, mbtmp4.2/21, ML4.0/2, MS4.0/2, Ms1 4.0/2, ms1mx3.2/34, Error ellipse: s-maj=18.5km s-min=14.9km az=114.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for RABL, KRVT, HNR, PMG, PMG, PMS, DZM, WRO, WRO, WB0, WB0, WB2, WRA, WRA, WRA, etc.

IDC 11 13:27:05.4-0.0.31.45N:103.50E, h16km, ML3.4/11, Error ellipse: s-maj=123.2km s-min=33.2km az=10.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for MSVF, AS51, ASAR, ASAR, H1S3, H1S2, H1S1, STKA, STKA, H1N1, H1N2, FITZ, FITZ, FITZ, AF1, CMAR, SONM, VVDA, SVA, SVA, SVA, SML, SML, IMAR, RND, RND, GSPA, GSPA, ILAR, ILAR, MKAR, MKAR, RIDG, RIDG, BARN, BARN, CTGM, ZALV, BCAR, TOLK, TOLK, MAW, MAW, FYU, DAWY, DAWY, EPYK, DLBC, INK, INK, NVAR, NVAR, etc.

IDC 11 13:29:51.3-1.3.7.05S:155.02E, h41km, n7, c1913/8, mb3.7/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for WRA, ASAR, KRVT, WRA, ASAR, PETK, CMAR, MKAR, YKA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Amami Oshima, Kikashima, Amaminishikomi, Takarajima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Eielson Array, Harding Lake, Sheep Creek Mo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Pacaembu, Ipaneri, GO, JANB, etc.

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

SOME 11 14:33:41.0-0.0, 6.57S; 154.96E, h20km, mb5.3/4
NEIC 11 14:33:42.8, 6.72S; 154.96E, h22km, Moment Tensor Solution...

BUI 11 14:33:42.0-2.0, 6.72S; 154.96E, h27km, mb5.5/72,
MOS 11 14:33:43.7, 1.2, 6.61S; 154.92E, h33km, mb5.6/45,
MS5.4/16, Error ellipse: s-maj=7.4km s-min=5.4km az=110.1

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

Main table with columns: Pn, P, ScP, S, ScS, Pmax, MLR. Includes stations like PATS, JAY, JAY, GENI, MTSU, etc.

Main table with columns: P, Pmax, MLR. Includes stations like STKA, STKA, STKA, etc.

11d 14h

Table with columns: ID, Name, Time, Status, Location, and other details. Includes entries like PSA22 Pibara Seismi, PSAB3 Pibara Seismi, PSA00 Pibara Seismi, etc.

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Table with columns: TATO, Name, Time, Status, Location, and other details. Includes entries like Taipei, Kuching, Kuching, etc.

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Table with columns: USA0B, Name, Time, Status, Location, and other details. Includes entries like Ussuriysk Arra, Ussuriysk Arra, Ussuriysk Arra, etc.

M1 3.7/1,ms1mx3.2/40,Error ellipse: s-maj=22.3km s-min=16.5km az=83.0

ISC 11 15:18:43.6:0.5,6.79S:0.06:155.01E:0.07,h41km,n50, az=182/41,mb4.3/21,Bougainville-Solomon Islands

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

Table with columns: TOO, Toolangi, 31.89 194, P, P, 15 33 13.5 -0.4. Lists stations like BKZ, GIRL, MORW, etc.

ISC 11 15:30:23.6:0.7,6.68S:155.04E,h0km,mb4.1/19, mb1 4.3/21,mb1mx4.2/42,nbtmp4.1/21,ML3.7/2,MS3.9/3, Ms1 3.9/3,ms1mx3.4/37,Error ellipse: s-maj=21.4km s-min=15.8km az=112.0

NEIC 11 15:30:24.7:3.0,6.81S:0.09:155.19E:0.06,h10km,1km, mb4.4/15,Error ellipse: s-maj=14.8km s-min=7.2km az=208.0

ISC 11 15:30:31.6:0.5,6.72S:0.07:154.95E:0.06,h56km,n49, az=250/146,mb4.1/23,Bougainville-Solomon Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists various stations like SPSI, BNSI, KAPPA, etc.

ISC 11 15:37:19.6:0.8,6.75S:155.07E,h0km,mb4.3/11, mb1 4.5/12,mb1mx4.2/34,nbtmp4.3/12,ML4.2/1,MS3.7/3, Ms1 3.7/3,ms1mx3.3/37,Error ellipse: s-maj=25.6km s-min=21.4km az=136.0

NEIC 11 15:37:23.7:2.6,6.75S:0.1:155.20E:0.08,h35km,1km, mb4.7/8,Error ellipse: s-maj=25.6km s-min=11.0km az=160.0

ISC 11 15:37:27.0:0.6,6.75S:0.09:155.0E:0.1,h56km,n49

<1535/45,mb4.4/15,1D,Bougainville-Solomon Islands region

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

IDC 11 15:42:27.2-4.1, 7.09S, 154.53E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.5/25, mbtmp3.9/5, ML3.3/1, MS3.9/1, Ms1 3.9/1, ms1mx2.9/33, Error ellipse: s-maj=81.0km s-min=27.6km az=78.0, Bougainville-Solomon Islands region

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

IDC 11 15:50:16.7-1.3, 6.9S, 0.2:154.30E, h0.08, h35km, n14, <242/13, mb3.9/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, PMG Port Moresby, WB2 Warramunga Arr, etc.

mb1 4.5/22, mb1mx4.4/37, mbtmp4.4/22, ML3.8/2, MS3.6/2, Ms1 3.6/2, ms1mx3.3/21, Error ellipse: s-maj=20.5km s-min=14.5km az=122.0, DUA 11 15:52:40.8-3.8, 8.5S, 11x15.5E, 2/7, h37km, 24km, M4.8/16, mb4.7/16, mb5.4/7, Mw(mb)4.8/7, NEIC 11 15:52:41.6-2.0, 7.22S, 0.09:155.0E, 0.1, h28km, 6km, mb4.9/27, Error ellipse: s-maj=15.9km s-min=12.1km az=56.0

ISC 11 15:52:43.7-0.5, 7.17S, 0.07:154.95E, 0.07, h41km, n110, <1955/110, mb4.8/49, MS4.6/4, 1D, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BILL Bilbino, PKI Pulchoki, DMN Daman, GKN Gorkha, etc.

IDC 11 15:53:13.4-0.8, 6.95S, 154.49E, h0km, mb4.6/10, mb1 4.8/11, mb1mx4.4/36, mbtmp4.6/11, ML4.5/1, Error ellipse: s-maj=31.5km s-min=19.7km az=130.0, NEIC 11 15:53:19.1-2.1, 7.38S, 0.10:154.29E, 0.10, h51km, 8km, mb4.8/12, Error ellipse: s-maj=16.3km s-min=11.5km az=233.0

ISC 11 15:53:16.7-0.5, 7.31S, 0.08:154.32E, 0.09, h27km, n50, <2901/33, mb4.8/16, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABUL Rabaul, HNR Honiara, COEN Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NWAOW Narogin (SRO), GSIAR Gunungsiti, MKAR Makanchi Array, etc.

IDC 11 16:08:31.6:6.7,6'S0S,153.48E,h0km,mb3.1/3, mb1 3.3/3,mb1mx3.2/25,mbmp3.1/3, Error ellipse: s-maj=200.2km s-min=43.2km az=111.0, New Britain region

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

IDC 11 16:23:08.4:1.5, 19'58S,70.75W,h0km,mb3.9/3, mb1 4.1/5,mb1mx3.8/34,mbmp2.0/5,ML4.0/2, Error ellipse: s-maj=44.6km s-min=25.5km az=92.0

GUC 11 16:23:12.3:0.7, 19.81S:70.63W,h38km,2km,ML3.9

ISC 11 16:23:11.3:1.4, 19.77S:0.03:70.68W,0.06,h24km,11km, n23,cf19/39,1C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSGC Pisagua, TA01 Diego Aracena, PB11 IPOC Station P, etc.

IDC 11 16:27:18.1:0.7, 6.72S:155.04E,h0km,mb4.2/15, mb1 4.3/19,mb1mx4.2/38,mbmp4.2/19,ML3.9,MS3.6/4, Ms1 3.6/4,ms1mx3.2/36, Error ellipse: s-maj=19.7km s-min=15.7km az=109.0

NEIC 11 16:27:23.2:2.1, 6.92S:0.05:155.2E,0.1,h43km,9km, mb4.5/20, Error ellipse: s-maj=17.5km s-min=5.3km az=108.0

ISC 11 16:27:23.6:0.5,6.82S:0.06:155.12E:0.08,h41km,n59, cf19/60,mb4.3/25,Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT 61nm,0.3s,baz=353,slow=11,SNR=4.5, HNR Honiara, PMG Port Moresby, etc.

SOME 11 16:27:23.5, 40'50N,77'20E,h0km IDC 11 16:27:23.3, 38.40'56N,76.68E,h0km,mb3.2/1, mb1 3.3/3,mb1mx3.1/42,mbmp3.1/3,ML2.7/2, Error ellipse: s-maj=121.3km s-min=31.7km az=129.0

KRNET 11 16:27:25.3:0.1, 40'49N:77.29E,mb3.7, NNC 11 16:27:27.3:0.9, 40'52N:77.25E,h0km,mb3.8,mpv3.5, Error ellipse: s-maj=6.6km s-min=5.0km az=168.0

ISC 11 16:27:27.1:1.3, 40.55N:0.06:77.25E,0.03,h10km,n62, cf200/93,21C-25D, Kyrgyzstan-Xinjiang border region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARLS Aral, MTBS Maibute, SATY Satym, etc.

mb4.7/9, mb5.6/2, Mw(MB)5.0/2
ISC 11 16:43:02.6, 0.4, 6.96S, 0.06, 155.05E, 0.06, h41km, n123,
c1540/103, mb4.6/40, MS4.5/37, 1C,

Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Rabaul, Honiara, Port Moresby, etc.

Table with columns: XAN, PpP, S, Smax, P, Pmax, S, Smax. Lists stations like PETK, CMAR, HHC, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like PDAR, GEYI, GERE, etc.

TAP 11 16:43:27.9, 23.34N, 121.02E, h66km, 1km, ML1.7, A,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ELDTW, ALS, TWF1, etc.

TAP 11 16:43:28.2, 22.44N, 120.78E, h44km, 1km, ML1.2, A,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like EAST, SCZT, MASBT, etc.

IDC 11 16:46:50.8, 1.3, 7.14S, 155.23E, h0km, mb3.77,
mb1.4/0.8, mb1mx3.8/33, mbtmp3.8/8, ML4.1/1, Error
ellipse: s-maj=42.4km s-min=28.2km az=121.0,
ISC 11 16:46:57.8, 1.1, 7.05S, 155.1E, 0.2, h41km, n8,
c1926/11, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: ILAR, Eielson Array, 83.12 21 P, P, 17 22 47.6 +1.3, MKAR Makanchi Array, 83.27 319 P, P, 17 22 47.2 -0.3

IDC 11 17:14:58.1+10.0, 6.83S:68.22E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.3/41, mb1tmp3.5/4, Error ellipse: s-maj=224.1km s-min=41.9km az=35.0, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, H0S1 Diego Garcia H, 4.30 101 P, P, 17 20 16.04 -0.2

IDC 11 17:18:06.5+0.5, 1.33S:149.77E, h0km, mb4.5/23, mb1 4.6/25, mb1mx4.5/49, mb1tmp4.5/25, ML4.1/3, MS3.7/9, Ms1 3.7/9, ms1mx3.4/37, Error ellipse: s-maj=18.2km s-min=10.9km az=85.0

NEIC 11 17:18:10.5+2.4, 1.18S:0.07E:149.78E:0.08, h27km, 4km, mb2-1.0/0.0

DJA 11 17:18:13.0+1.5, 1.54S:15.0E, h44km, 4km, M4.8/39, mb4.8/39, mb5.3/7, Mw(mb)4.8/7

ISC 11 17:18:10.3+1.0, 1.29S:0.05E:149.79E:0.06, h26km, 6km, n242, c099/234, mb4.8/108, MS3.9/5, 1C-1D, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, RABL Rabaul, 3.73 141 P, P, 17 19 08.1 +1.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, KRVT Keravat (AS076), 3.74 143 Pn, Pn, 17 19 07.1 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, PMG Port Moresby, 8.48 198 Pn, Pn, 17 20 14.1 +2.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, PMG Port Moresby, 8.48 198 Pn, Pn, 17 20 16.6 +5.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, PATS Pohpei, 11.72 46 Pn, Pn, 17 20 53.6 -2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, COEN Coen, 14.19 207 Pn, Pn, 17 21 33.0 -3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, GUMO Guam, 15.57 342 LR, LR, 17 26 22.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, FAKI Fak Fak, 17.61 264 P, Pn, 17 22 13.6 -0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, FAKI Fak Fak, 17.61 264 P, Pn, 17 22 13.9 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, SIJI Sorong, 18.53 271 P, P, 17 22 25.4 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, SWI Sorong, 18.54 271 P, P, 17 22 25.4 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, CTA Charters Tower, 19.00 190 P, Pn, 17 22 30.4 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, SAUI Saumlaki, 19.59 250 P, Pn, 17 22 38.2 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, SAUI Saumlaki, 19.59 250 P, Pn, 17 22 38.3 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, BNDI Bandanaira, 20.12 260 P, Pn, 17 22 43.8 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, AAI Ambon, 21.71 263 P, P, 17 23 01.1 +1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, MTN Mantau Dam, 21.76 237 P, P, 17 22 59.6 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, LBMI Labuha, 22.30 271 P, P, 17 23 07.9 +1.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, TNTI Ternate, 22.52 275 P, P, 17 23 09.7 +1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, NLAI Namlea, 22.76 265 P, P, 17 23 12.2 +1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WB0 Warramunga Arr, 23.76 218 P, P, 17 23 20.0 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WB0 Warramunga Arr, 23.76 218 P, P, 17 23 22.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, SANI Sanana, 23.81 268 P, P, 17 23 21.2 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WR0 Warramunga Arr, 23.81 218 P, P, 17 23 20.9 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WR0 Warramunga Arr, 23.81 218 P, P, 17 23 22.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRAB Tennant Creek, 23.91 218 P, P, 17 23 21.4 -0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRAB Warramunga Arr, 23.91 218 P, P, 17 23 23.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WB2 Warramunga Arr, 23.91 218 P, P, 17 23 21.7 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WB2 Warramunga Arr, 23.91 218 P, P, 17 23 24.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WB2 Warramunga Arr, 23.92 218 P, P, 17 23 20.7 +1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRA Warramunga Arr, 23.92 218 P, P, 17 23 22.0 -0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, WRA Warramunga Arr, 23.92 218 P, P, 17 23 20.5 +0.6

Table with columns: BNSI Bone, 29.81 263 P, P, 17 24 14.8 -0.7, MPMSI Mapaga, 29.94 273 P, P, 17 24 16.4 -0.2, SPSI Sidrap Palu, 30.11 264 P, P, 17 24 17.7 -0.4

Table with columns: KAPI Kappang, 30.22 262 P, P, 17 24 18.6 -0.5, BASI Baing Sumba, 30.36 252 P, P, 17 24 18.7 -1.7

Table with columns: WBSI Waikabubak, 31.35 254 P, P, 17 24 27.4 -1.8, STKA Stephens Creek, 31.39 193 P, P, 17 24 27.8 -1.4

Table with columns: STKA Stephens Creek, 31.39 193 P, P, 17 24 28.5 -0.8, PLAI Plampang, 32.73 256 P, P, 17 24 31.1 -2.2

Table with columns: SPMM Sapulut, 33.83 280 P, P, 17 24 50.0 +0.1, CAN Canberra, 33.87 181 P, P, 17 24 52.0 +1.0

Table with columns: BBOO Buckleboo, 33.91 201 P, P, 17 24 50.0 -1.4, KKM Kota Kinabalu, 34.31 283 P, P, 17 24 54.6 -0.5

Table with columns: PSAD2 Pilbara Seismi, 35.39 233 P, P, 17 25 04.0 -0.3, PSAD3 Pilbara Seismi, 35.41 233 P, P, 17 25 04.0 -0.5

Table with columns: PSAD3 Pilbara Seismi, 35.41 233 P, P, 17 25 04.0 -0.6, PSAD3 Pilbara Seismi, 35.41 233 P, P, 17 25 06.3

Table with columns: FORT Forrest, 35.84 213 P, P, 17 25 06.9 -1.1, TOO Toolangi, 36.32 186 P, P, 17 25 12.5 +0.5

Table with columns: YOJ Yonjanjima, 36.48 316 P, P, 17 25 12.2 -1.3, TWG Pinlang, 36.84 312 P, P, 17 25 16.6 0.0

Table with columns: YULB Yulu, 37.02 313 P, P, 17 25 17.8 -0.3, TPUB Teupu, 37.45 313 P, P, 17 25 22.1 +0.2

Table with columns: SSSL Suanglung, 37.51 313 P, P, 17 25 21.6 -0.7, SBUM Sibul, 37.75 276 P, P, 17 25 24.1 -0.4

Table with columns: YHNB Yeheneh, 37.75 315 P, P, 17 25 24.1 +0.3, JNU Nakatsue, 38.60 334 P, P, 17 25 32.0 +0.6

Table with columns: MJAR Matsushiro Arr, 39.15 345 P, P, 17 25 34.6 -1.4, MAJO Matsushiro, 39.15 345 P, P, 17 25 34.6 -1.3

Table with columns: MAJO Matsushiro, 39.15 345 P, P, 17 25 34.6 -1.4, IAB9 Matsu-Tunnel, 39.16 345 P, P, 17 25 35.7 -0.7

Table with columns: KSM Kuching, 39.58 274 P, P, 17 25 40.5 +0.6, KSM Kuching, 39.58 274 P, P, 17 25 42.1

Table with columns: UCM Umanaga, 39.57 259 P, P, 17 25 40.5 -0.1, GIRL Giril, 40.54 260 P, P, 17 25 49.1 +1.3

Table with columns: CISI Cisompot, Garu, 42.29 260 P, P, 17 26 01.4 -0.8, MORW Morawa, 42.42 226 P, P, 17 26 02.0 -0.8

Table with columns: ERM Erimo, 43.52 335 P, P, 17 26 10.7 -1.0, KSR3 Korea Arr, 43.53 335 P, P, 17 26 13.0 +1.0

Table with columns: KSR3 Korea Arr, 43.53 335 P, P, 17 26 13.0 +1.0, KSR3 Korea Arr, 43.53 335 P, P, 17 26 16.4 +1.6

Table with columns: NWA0 Narrogin (SRO), 43.88 221 P, P, 17 26 15.6 +0.8, NWA0 Narrogin (SRO), 43.88 221 P, P, 17 26 37.2

Table with columns: INCN Incheon, 44.14 333 P, P, 17 26 16.8 0.0, INCN Incheon, 44.14 333 P, P, 17 26 20.6

Table with columns: NJ2 Nanjing, 44.25 321 P, P, 17 26 18.5 +0.8, URZ Urewera, 44.52 149 P, P, 17 26 20.4 +0.6

Table with columns: MXZ Malakoa Point, 44.63 147 P, P, 17 26 19.8 -0.9, BKZ Black Stump Fm, 44.90 150 P, P, 17 26 23.1 +0.2

Table with columns: TNZ Nelson, 45.10 155 P, P, 17 26 26.9 +2.5, THZ Topohouse, 45.35 156 P, P, 17 26 27.2 +0.7

Table with columns: TUWZ Tuamarina, 45.52 154 P, P, 17 26 27.5 -0.2, WDSI Maura Dua, 45.66 265 P, P, 17 26 29.8 +0.5

Table with columns: MHN Mavora Lakes, 46.26 162 P, P, 17 26 37.1 +3.4, RPZ Rata Peaks, 46.29 159 P, P, 17 26 34.5 +0.7

Table with columns: MLZ Mavora Lakes, 46.27 162 P, P, 17 26 37.5 0.0, ODZ Otahua Downs, 47.30 160 P, P, 17 26 41.8 +0.1

Table with columns: USA0B Ussuriysk Arra, 48.00 343 P, P, 17 26 47.2 +0.1, USR0B Ussuriysk Arr, 48.00 343 P, P, 17 26 47.2 +0.1

Table with columns: USR0B Ussuriysk Arr, 48.00 343 P, P, 17 26 47.3 +0.2, YSS Yuzh-Sakhalins, 48.44 354 P, P, 17 26 50.4 0.0

Table with columns: ENH Enshi, 49.58 313 P, P, 17 26 59.1 -0.5, GYA Guiyang, 49.90 307 P, P, 17 37 36.7 -7.6

Table with columns: GYA Guiyang, 49.90 307 P, P, 17 37 36.7 -7.6, GYA Guiyang, 49.90 307 P, P, 17 37 36.7 -7.6

Table with columns: ULN, comp=Z,9.6nm,1.2s, IAmb, IAmb, 17 29 33.6, SOMM Songoing Array, 61.78 328 P, P, 17 28 27.4 +0.5

Table with columns: SOMM Songoing Array, 61.78 328 P, P, 17 28 28.4 +1.4, LSA Lhasa, 63.79 304 P, P, 17 28 42.1 +1.0

Table with columns: SPIA Saint Paul Is, 66.51 22 P, P, 17 28 59.3 +1.7, PALK Palkele, 69.44 278 P, P, 17 29 17.2 +0.2

Table with columns: PALK Palkele, 69.44 278 P, P, 17 29 16.0 -1.0, BILL Bilibino, 70.13 7 P, P, 17 29 20.5 +0.4

Table with columns: CASEY Casey, 70.51 196 P, P, 17 29 22.0 -0.4, GAMB Gambell, 70.88 17 P, P, 17 29 24.8 +0.1

Table with columns: WMQ Urumqi, 71.14 317 P, P, 17 29 26.1 -0.8, WMQ Urumqi, 71.14 317 P, P, 17 29 27.4 +0.5

Table with columns: ANM Nome, 73.38 19 P, P, 17 29 39.8 +0.1, KIKI Kiki, 74.06 353 P, P, 17 29 44.0 +0.5

Table with columns: KDKA Kodiak Island, 74.26 28 IAmB, IAmB, 17 31 34.1, SVWZ Sparrevoht, 74.83 24 P, P, 17 29 49.6 +1.3

Table with columns: MK31 Makanchi Array, 75.72 319 P, P, 17 29 54.3 +0.6, MKAR Makanchi Array, 75.72 319 P, P, 17 29 54.7 +0.9

Table with columns: MAKZ Makanchi, 75.93 319 P, P, 17 29 55.1 +0.2, BRBK Bradley Lake, 76.18 27 P, P, 17 30 45.3 -0.8

Table with columns: VVND Vanda, 76.44 177 P, P, 17 29 56.7 -0.5, VVND Vanda, 76.44 177 P, P, 17 29 57.4 +0.2

Table with columns: ZAAO Zalesovo Array, 76.59 327 P, P, 17 29 57.2 -1.3, ZALV Zalesovo Beam, 76.59 327 P, P, 17 29 58.5 0.0

Table with columns: ZALV Zalesovo Beam, 76.59 327 P, P, 17 29 57.4 -1.0, SEW Seward, 76.98 27 P, P, 17 29 58.2 -2.3

Table with columns: SUA Susitna One, 77.04 25 P, P, 17 29 59.5 -1.5, POO Poona, 77.10 289 ex, x, 17 28 54.0

Table with columns: RCO1 Rabbit Creek A, 77.20 26 P, P, 17 30 02.5 +0.2, PMR Palmer, 77.78 25 P, P, 17 30 06.0 +1.1

Table with columns: GHO Glory Hole C, 77.95 25 P, P, 17 30 04.6 -1.5, KTH Kantishna Hill, 77.96 23 P, P, 17 30 05.5 -0.3

Table with columns: KNK Knik Glacier, 78.00 26 P, P, 17 30 06.7 +0.4, IMAR Indian Mountai, 78.12 28 P, P, 17 30 06.1 -0.8

Table with columns: IMAR Indian Mountai, 78.12 28 P, P, 17 30 05.4 -1.5, TRF Thorore Moun, 78.13 23 P, P, 17 30 05.9 -0.4

Table with columns: SML Sawmill, 78.22 25 P, P, 17 30 08.1 +0.5, GSH Glacier Island, 78.37 26 P, P, 17 30 09.0 +0.7

Table with columns: KLI Kashi, 78.39 311 P, P, 17 30 09.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 19.1 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.7, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9, KSH Kashi, 78.39 311 P, P, 17 30 21.9 +0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BMAR, EGAK, GAR, HTY, DAW, SIT, KK31, etc.

11d 17:22:09.2, 1.3, 29.27N, 81.69E, h0km, mb3.7/9, mb1 3.8/12, mb1mx3.6/45, mbtmp3.6/12, ML3.3/3, Error ellipse: s-maj=44.7km s-min=17.0km az=61.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NDI, DHRM, JBP, BOK, BHP, etc.

11d 17:35:40.2, 1.6, 9.68S, 114.86E, h0km, mb3.5/6,

mb1 3.9/8, mb1mx3.7/37, mbtmp3.7/8, ML4.2/2, Error ellipse: s-maj=56.2km s-min=19.2km az=48.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DNP, JAGI, SRBI, etc.

11d 17:36:29.9, 1.9, 7.03S, 127.98E, h0km, mb3.3/1, mb1 3.8/5, mb1mx3.3/33, mbtmp3.3/4, ML3.5/3, Error ellipse: s-maj=64.6km s-min=30.1km az=78.0, Banda Sea

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

11d 17:37:52.7, 4.2, 7.16S, 154.99E, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.6/31, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=91.0km s-min=36.0km az=96.0, Bougainville-Solomon Islands region

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

INET 11 17:54:38.0, 12.26N, 86.31W, h5km, ML3.8, Nicaragua

11d 18:11:26.8, 1.0, 7.01S, 155.17E, h0km, mb4.0/10, mb1 4.2/12, mb1mx4.0/31, mbtmp4.1/12, ML1.9/1, MS3.4/3, Ms1 3.3/3, ms1mx2.8/35, Error ellipse: s-maj=33.3km s-min=19.1km az=119.0

11d 18:11:33.1, 0.8, 6.92S, 10.10, 155.1E, 0.1, h41km, n24, r1905/24, mb3.9/10, Bougainville-Solomon Islands region

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

11d 18:17:01.4, 4.3, 10.10N, 86.49W, h0km, mb3.7/7, mb1 4.1/10, mb1mx3.9/48, mbtmp3.8/10, ML3.6/2, MS3.8/12, Ms1 3.8/12, ms1mx3.5/32, Error ellipse: s-maj=78.3km s-min=50.2km az=179.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEIC, INET, UCR, etc.

11d 18:17:19.2, 2.4, 12.48N, 86.41W, h10km, ML4.1, mb4.3(NIC)

11d 18:17:21.0, 1.8, 12.41N, 86.40W, 0.04, h18km, n2km, n114, r153/127, mb4.3/25, MS3.8/11, Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOMN, CNCG, COGN, etc.

11d 18:17:21.0, 1.8, 12.41N, 86.40W, 0.04, h18km, n2km, n114, r153/127, mb4.3/25, MS3.8/11, Nicaragua

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

11d 18:17:52.7, 4.2, 7.16S, 154.99E, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.6/31, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=91.0km s-min=36.0km az=96.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AREI, COEG, LFRS, etc.

11d 18:17:54.3, 2.1, 10.10N, 86.49W, h0km, mb3.7/7, mb1 4.1/10, mb1mx3.9/48, mbtmp3.8/10, ML3.6/2, MS3.8/12, Ms1 3.8/12, ms1mx3.5/32, Error ellipse: s-maj=78.3km s-min=50.2km az=179.0

11d 18:17:54.3, 2.1, 10.10N, 86.49W, h0km, mb3.7/7, mb1 4.1/10, mb1mx3.9/48, mbtmp3.8/10, ML3.6/2, MS3.8/12, Ms1 3.8/12, ms1mx3.5/32, Error ellipse: s-maj=78.3km s-min=50.2km az=179.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COEG, AREI, LFRS, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists various stations like HUSM, BEMM, BPIM, etc.

INET 11 20:05:15.0, 12:38N-86:47W, h4km, ML3.7, Nicaragua

NEIC 11 20:05:36.5 ± 1.0, 59:88N ± 0.03, 152:24W ± 0.06, h90km, 7km, Error ellipse: s-maj=4.7km s-min=4.3km az=145.0

AEIC 11 20:05:37.7 ± 1.3, 59:87N ± 0.03, 152:22W ± 0.05, h81km, 5km, az=143.0, Southern Alaska

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

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

IDC 11 20:17:00.7 ± 1.1, 7:04S, 155:20E, h0km, mb, 0.0/1, mb1 4.2/12, mb1mx3.9/46, mbtmp4.0/12, ML3.9/1, Ms3.1/4, Ms1 3.1/4, ms1mx3.0/42, Error ellipse: s-maj=33.0km s-min=20.6km az=118.0

NEIC 11 20:17:07.3 ± 2.7, 6:95S ± 0.09, 154:83E ± 0.08, h38km, 7km, mb4-5/15, Error ellipse: s-maj=13.6km s-min=11.6km

ISC 11 20:17:07.3 ± 0.6, 7:00S ± 0.08, 154:98E ± 0.08, h41km, n47, c15:446, mb4.1/19, Bougainville-Solomon Islands

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

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

NEIC 11 20:22:23.6 ± 1.5, 13:8N ± 1.1, 145:49E ± 0.07, h45km, 7km, mb4.6/60, Error ellipse: s-maj=15.3km s-min=9.6km az=165.0

IDC 11 20:22:24.0 ± 0.7, 13:81N, 145:34E, h48km, 6km, mb3.6/13, mb1 3.9/13, mb1mx3.6/56, mbtmp3.9/13, Ms3.0/2, Ms1 3.0/2, ms1mx2.8/47, Error ellipse: s-maj=19.2km s-min=9.2km az=137.0

ISC 11 20:22:23.5 ± 0.5, 13:78N ± 0.08, 145:50E ± 0.07, h45km, n95, c1502/91, mb4.5/43, Mariana Islands

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

IDC 11 20:17:07.3 ± 2.7, 6:95S ± 0.09, 154:83E ± 0.08, h38km, 7km, mb4-5/15, Error ellipse: s-maj=13.6km s-min=11.6km

ISC 11 20:17:07.3 ± 0.6, 7:00S ± 0.08, 154:98E ± 0.08, h41km, n47, c15:446, mb4.1/19, Bougainville-Solomon Islands

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TUL1 Leonard, WMOK Wichita Mounta, T55A Pulaski, U38A Gravette, U36A Rocky Mt, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Q53A Leroy, Q52A Bidwell, R58A Rapan, S61A Accomac, S61A Accomac, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like P60A Greenville, P60A Greenville, M47A Cromwell, P61A Pennsylvania G, P61A Pennsylvania G, etc.

11d 20h

2014 APR

820

SAML	J Bar K, Exete	30.61 343	eS	S	20 39 56.0 -10	baz=196	L59A	Walton	31.83 16	P	P	20 35 28.0 +3.0	PECO	comp=Z,1um,1.0s	IAMB	IAMB	20 35 41.8		
N33A	TUC	30.64 316	P	P	20 35 15.1 +0.9	baz=201,SNR=544	L59A	Walton	31.83 16	P	S	20 40 28.9 +3.9	K62A	Royalston	33.08 19	P	P	20 35 38.7 +2.9	
TUC	TUC	30.64 316	P	P	20 35 16.0 +1.3	baz=201	L59A	Walton	31.83 16	P	S	20 35 27.9 +3.0	K62A	Royalston	33.08 19	P	P	20 35 38.7 +2.9	
TUC	comp=Z,200nm,1.1s	30.64 316	P	P	20 35 16.0 +1.3	baz=127	KSCST	Kent School, K	31.84 18	P	IAMB	IAMB	20 35 27.7 +2.8	SMCO	Snowmass	33.08 329	P	P	20 35 37.9 +1.6
M58A	Price's Panora	30.70 14	P	P	20 35 18.2 +3.2	comp=Z,1um,1.2s	KSCST	Kent School, K	31.84 18	P	IAMB	IAMB	20 35 32.0	Y14A	Wickenburg	33.10 316	P	P	20 35 38.1 +2.0
M58A	baz=198,SNR=527		S	S	20 40 13.1 +5.8	baz=124	214A	Organ Pipe Nat	31.85 313	P	P	20 35 27.4 +2.1	WES	Weston	33.13 20	P	P	20 35 39.1 +2.9	
N61A	South Mountain	30.70 18	P	P	20 35 18.2 +3.2	214A	Organ Pipe Nat	31.85 313	P	P	P	20 35 27.4 +2.1	WES	Weston	33.13 20	P	P	20 35 39.0 +2.9	
SCIA	State Center	30.73 349	P	P	20 35 16.1 +1.0	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
SCIA	State Center	30.73 349	P	P	20 35 16.1 +1.0	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
ERPA	Eric	30.74 9	P	P	20 35 17.6 +2.4	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
ERPA	Eric	30.74 9	P	P	20 35 17.6 +2.4	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
CPNY	Central Park	30.84 18	IAMB	IAMB	20 35 17.0 +1.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
CPNY	Central Park	30.84 18	IAMB	IAMB	20 35 17.0 +1.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
K47A	Vermontville	30.85 1	P	P	20 35 17.2 +0.9	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
K46A	Dorr	30.85 0	P	P	20 35 16.8 +0.5	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
K46A	Dorr	30.85 0	P	P	20 35 16.8 +0.5	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
ODNJ	Ogdensburg	30.92 17	P	P	20 40 09.2 -0.3	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
ODNJ	Ogdensburg	30.92 17	P	P	20 40 09.2 -0.3	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
K43A	Burlington	30.93 357	P	P	20 35 17.5 +0.5	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
KSCO	Kaye Shedlock	30.94 334	P	P	20 35 18.3 +1.0	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
KSCO	Kaye Shedlock	30.94 334	P	P	20 35 18.3 +1.0	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
L54A	Sinclairville	30.96 10	P	P	20 35 17.9 +0.6	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
L54A	Sinclairville	30.96 10	P	P	20 35 17.9 +0.6	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
L54A	Sinclairville	30.96 10	P	P	20 35 17.9 +0.6	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
K48A	Perry	31.01 3	P	P	20 35 19.4 +2.2	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
K48A	Perry	31.01 3	P	P	20 35 19.4 +2.2	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
K48A	Perry	31.01 3	P	P	20 35 19.4 +2.2	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
K99A	Clarkson	31.03 4	P	P	20 35 19.0 +1.4	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
K99A	Clarkson	31.03 4	P	P	20 35 19.0 +1.4	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
K99A	Clarkson	31.03 4	P	P	20 35 19.0 +1.4	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
KSPA	Keystone Colle	31.05 15	P	P	20 35 21.1 +3.0	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87 17	P	P	P	20 35 28.5 +3.3	WES	Weston	33.13 20	P	P	20 35 43.3	
PAL	Palisades	31.05 18	P	P	20 35 20.8 +2.7	L60A	Shokan	31.87											

H56A	S	S	20 40 58.7	+3.3
160A	baz=197	P	20 35 45.1	+2.7
160A	Shoreham	S	20 41 00.7	+4.8
F45A	baz=203	P	20 35 43.2	+0.8
F45A	CMU Biological	S	20 40 57.4	+1.4
GLA	baz=181	P	20 35 44.3	+1.4
GLA	Glamis	P	20 35 45.1	+2.2
GLA	comp=Z,776nm,1.4s	P	20 35 44.3	+1.4
GLA	Glamis	P	20 35 44.3	+1.4
GLA	Glamis	P	20 35 44.3	+1.4
GLA	GLA	P	20 35 44.3	+1.4
PB12	comp=Z,776nm,1.4s	P	20 35 44.4	+1.3
PB12	IPOC Station P	P	20 35 44.4	+1.3
PB12	IPOC Station P	P	20 35 44.4	+1.3
G53A	comp=Z,2um,1.6s	P	20 35 44.5	+1.8
H57A	Hallburton	P	20 35 45.0	+2.3
H57A	Richville	P	20 41 00.4	+3.9
H57A	baz=199	S	20 35 44.3	+1.4
SPMN	Marine on St.	P	20 35 42.5	-0.2
SPMN	Marine on St.	P	20 35 44.6	+1.0
N23A	Red Feather La	P	20 35 43.8	+0.3
F42A	Maple Grove Fa	I	20 35 46.6	+2.9
F42A	Stratford	S	20 41 04.3	+5.9
J63A	baz=207	S	20 35 46.8	+3.0
HNN	Hanover	P	20 35 50.9	
HNN	HNN	P	20 35 47.1	+2.3
PB16	comp=Z,3um,1.6s	P	20 35 47.1	+2.3
PB16	IPOC Station P	P	20 35 47.1	+2.3
PB16	IPOC Station P	P	20 35 47.1	+2.3
Y12C	comp=Z,947nm,1.3s	P	20 35 46.3	+2.1
Y12C	Blythe	P	20 35 46.3	+2.1
Y12C	Blythe	P	20 35 46.3	+2.1
PHWY	Pilot Hill	P	20 35 45.8	+1.2
PLVO	Plevna	P	20 35 46.0	+1.6
PLVO	PLVO	P	20 35 50.8	
PDMCI	comp=Z,2um,1.1s	P	20 35 46.9	+2.3
PDMCI	Parker Dam,Lak	P	20 35 45.5	+1.0
F49A	Sandfield	P	20 35 45.8	+1.1
F49A	Evansville	P	20 35 47.1	+2.1
H58A	Gabriels	S	20 41 05.3	+4.8
H58A	baz=201	S	20 35 47.8	+2.4
U15A	North Rim	P	20 35 52.0	
U15A	U15A	P	20 35 48.0	+2.4
LONY	Lake Ozonia	P	20 35 47.9	+2.2
LONY	Lake Ozonia	P	20 35 48.8	+3.0
I61A	Oroboro, Fairl	S	20 41 07.9	+5.9
I61A	baz=204	S	20 35 47.9	+5.9
G54A	Lake Saint Pet	P	20 35 48.7	+1.9
G55A	Calabogie	S	20 41 06.0	+2.2
G55A	baz=196	S	20 35 49.7	+2.2
W13A	Hualapai Mount	P	20 35 49.7	+2.2
W13A	W13A	P	20 35 53.7	
COWI	Conover	P	20 35 47.1	+0.2
F52A	Sundridge	P	20 35 49.0	+1.5
O20A	White River Ci	P	20 35 49.8	+1.9
O20A	White River Ci	P	20 35 49.9	+1.9
O20A	O20A	P	20 35 54.0	
I62A	comp=Z,2um,1.8s	P	20 35 50.8	+3.2
I62A	Tamworth	S	20 41 10.5	+5.2
I62A	baz=206	S	20 35 50.8	+2.9
SUSD	Miller	P	20 35 47.8	+0.2
SUSD	Miller	P	20 35 47.8	+0.2
H59A	Cadyville	P	20 35 50.0	+2.1
H59A	baz=202	S	20 41 09.9	+4.2
F51A	Arnstein	P	20 35 49.3	+1.4
F51A	baz=191	S	20 41 07.6	+1.8
SWSC	Sam W. Stewart	P	20 35 50.5	+2.2
E43A	Lone Tree Farm	P	20 35 49.0	+0.6
E46A	Sault Ste Mari	P	20 35 49.0	+0.5
E46A	E46A	P	20 35 53.2	
G57A	Newington	P	20 35 50.8	+2.1
G57A	baz=199	S	20 41 10.5	+3.3
IKP	In-Ko-Pah, Jac	P	20 35 51.6	+2.5
LBNH	Lisbon	P	20 35 51.5	+2.6
LBNH	comp=Z,3um,1.6s	P	20 35 51.8	+2.9
LBNH	Lisbon	P	20 35 51.5	+2.6
BC3	Big Chuckawall	P	20 35 51.9	+2.4
MINMC	Minye Minye	P	20 35 52.1	+2.1
MINMC	Minye Minye	P	20 35 52.0	+1.9
MINMC	MINMC	P	20 35 56.7	
NEE2	Needles Airpor	P	20 35 51.3	+1.6
H60A	Montstown	P	20 35 51.9	+2.4
FRNY	Flat Rock	P	20 35 51.5	+1.9
FRNY	FRNY	P	20 35 55.8	
IRM	comp=Z,2um,1.3s	P	20 35 52.2	+2.3
IRM	Iron Mountain	P	20 35 51.2	+1.5
E47A	Iron Bridge	S	20 41 09.9	+0.9
E47A	baz=185	S	20 35 52.1	+1.7
E44A	Grand Marais A	P	20 35 52.0	+1.6
E44A	Grand Marais A	P	20 35 52.1	+1.7
E48A	Lockeyer	S	20 35 52.0	+1.4
E48A	baz=187	S	20 41 12.5	+1.9
PKCU	Pink Cliffs	P	20 35 53.9	+2.7
PSGC	Pisagua	P	20 35 52.2	+1.0
PSGC	Pisagua	P	20 35 52.7	+1.4
PSGC	PSGC	P	20 35 57.6	
KNB	comp=Z,884nm,1.4s	P	20 35 53.7	+2.3
KNB	Knab	P	20 35 53.7	+2.3
KNB	Knab	P	20 35 53.7	+2.3
G58A	Ornstown	P	20 35 53.2	+2.2
G58A	baz=201	S	20 41 15.8	+4.4

163A	baz=201	P	20 35 54.2	+3.1
163A	Otisfield	S	20 41 16.8	+5.3
163A	baz=207	S	20 35 54.0	+3.0
H61A	Lyndonville	P	20 35 54.0	+2.7
H61A	baz=204	S	20 41 16.1	+4.4
SRU	San Rafael Swe	P	20 35 53.3	+1.5
SRU	SRU	P	20 35 54.3	+2.1
SRU	comp=Z,615nm,1.2s	P	20 35 53.9	+1.8
MONP2	Monument Peak	P	20 41 16.8	+3.4
F55A	Otter Lake	P	20 35 53.8	+1.4
F55A	baz=197	S	20 41 16.4	+2.6
E52A	Mattawa	P	20 35 55.2	+2.5
E52A	baz=193	S	20 35 56.0	+3.2
BAR	Barrett	P	20 41 19.4	+4.8
I64A	Boothbay	P	20 35 53.3	+0.3
I64A	baz=209	S	20 35 54.1	+1.0
E38A	The Farm, Brul	P	20 35 55.7	+2.2
D46A	Sault St. Mari	P	20 35 53.3	0.0
LCMT	Maple Creek M	P	20 35 56.0	+1.7
F33A	5 Mile Ranch,	P	20 35 56.0	+1.7
MTPU	Mount Pierson	P	20 35 55.9	+1.7
Q16A	Castle Valley	P	20 35 55.4	+2.9
E51A	G1948 Merrick	P	20 41 21.0	+5.1
H62A	Milan	S	20 35 56.2	+2.6
H62A	baz=206	S	20 36 00.6	
H62A	Milan	P	20 35 55.6	+1.6
H62A	Milan	P	20 35 59.5	
RWWY	Rawlins	P	20 35 56.0	+1.7
RWWY	RWWY	P	20 35 56.0	+1.7
PB11	IPOC Station P	P	20 35 56.0	+1.7
PB11	IPOC Station P	P	20 35 56.0	+1.7
BELC	Belle Mtn. Jos	P	20 35 56.5	+2.1
E53A	Dumoine, Ponti	P	20 35 56.2	+1.7
G60A	baz=194	P	20 35 57.0	+2.4
G60A	Masonville	S	20 41 22.4	+4.5
P17A	Butcher Ranch,	P	20 35 56.4	+1.4
D41A	Chassel	P	20 35 55.3	+0.5
D41A	D41A	P	20 35 59.4	
D41A	comp=Z,2um,1.1s	P	20 35 55.8	+0.8
G07A	Chapleau	P	20 35 58.3	+2.5
D01A	Chusmiza	P	20 35 58.0	+2.1
GO01	Chusmiza	P	20 36 04.4	
GO01	GO01	P	20 35 57.7	+2.3
XPFO	comp=Z,714nm,1.2s	P	20 35 57.5	+2.1
PFO	Pinyon Flats O	P	20 38 24.2	+1.4
PFO	comp=Z,144nm,1.1s,SNR=10.5	P	20 41 23.1	+3.8
PFO	comp=Z,127nm,0.9s,SNR=11.1	P	20 41 58.0	+2.6
PFO	comp=Z,8.6nm,1.0s,SNR=22.1	P	20 52 30.1	
PFO	comp=Z,78nm,1.0s,SNR=14.4	P	20 53 07.6	+2.1
PFO	comp=Z,7um,18.5s,SNR=297	P	20 35 57.6	+2.1
PFO	Pinyon Flats O	P	20 35 57.6	+2.1
PFO	Pinyon Flats O	P	20 35 57.6	+2.1
PFO	PFO	P	20 41 57.4	+2.0
PFO	PFO	P	20 35 58.1	+2.2
PFO	PFO	P	20 35 58.2	+2.2
SZCU	Shurtz Canyon	P	20 35 57.4	+1.7
GMRC	Granite Mounta	P	20 41 21.7	+1.9
E54A	Lac Desplat, Po	P	20 35 57.8	+1.5
E54A	baz=195	S	20 35 58.3	+1.9
TMUT	Trail Mountain	P	20 35 58.2	+2.0
MSU	Mont Tremblant	P	20 36 02.3	
MSU	Marysvalle	P	20 38 24.4	+1.5
109C	Camp Elliot, M	P	20 35 57.6	+1.1
109C	109C	P	20 35 57.9	+1.1
109C	109C	P	20 41 21.7	+0.1
RD4A	Red Mountain	P	20 35 59.5	+2.4
D48A	Paudash Townsh	P	20 36 00.5	+3.3
D48A	baz=187	S	20 41 27.6	+5.1
CCUT	Cedar City	P	20 35 58.9	+1.7
H63A	New Sharon	P	20 35 58.9	+1.1
H63A	baz=208	S	20 41 25.6	+5.1
F58A	St-Lin Laurent	P	20 35 58.9	+1.1
K22A	Casper	P	20 35 58.9	+1.1
K22A	Casper	P	20 36 00.9	+3.3
WVL	Waterville	P	20 35 59.3	+1.6
E55A	Monter-Lytto	P	20 41 25.6	+2.3
E55A	baz=197	S	20 36 01.1	+1.7
TCRU	Three Creeks R	P	20 35 59.8	+1.5
TA01	Diego Aracena	P	20 36 00.9	+2.8
G61A	St-Jisdore-de-	P	20 41 28.3	+4.3
G61A	baz=205	S	20 35 59.4	+1.2
D51A	Lot 18 Range I	P	20 35 59.7	+1.3
D50A	G1974 Best Tow	P	20 36 02.2	+1.5
TRQ	Mont Tremblant	P	20 36 01.5	+2.1
PB08	IPOC Station P	P	20 36 01.4	+2.0
PB08	IPOC Station P	P	20 36 06.3	
PB08	PB08	P	20 36 01.1	+1.4
RSSD	Black Hills	P	20 36 01.1	+1.4
RSSD	Black Hills	P	20 36 01.1	+1.4
RSSD	Black Hills	P	20 36 01.5	+2.1
F59A	Saint Guillaume	P	20 41 30.9	+4.5
F59A	baz=202	S	20 36 02.8	+3.4
H64A	Troy	P	20 41 30.9	+4.4
H64A	baz=209	S	20 36 02.2	+2.3
MURC	Murieta	P	20 36 02.1	+1.7
MURC	baz=209	P	20 36 07.0	
PATCX	Punta Patache	P	20 36 03.3	+3.2
PATCX	West Eustis	P	20 41 32.8	+5.1
G62A	West Eustis	S	20 36 03.0	+2.9
G62A	baz=206	S	20 36 02.5	+1.9
G62A	West of Eustis	P	20 36 02.3	+2.0
TUO	Turquoise Moun	P	20 41 30.9	+2.9
E56A	St. Veronique	P	20 41 30.9	+2.9
E56A	baz=198	S	20 36 02.1	+1.8

D53A	baz=198	P	20 36 02.1	+1.8
D53A	Lac Vacive, Po	P	20 41 30.2	+2.2
D53A	baz=194	S	20 36 01.8	+1.5
D53A	Lac Vacive, Po	P	20 36 03.7	+2.5
BBRC	Big Bear Solar	P	20 36 02.8	+3.6
E57A	Chemin Saint G	P	20 36 03.5	+2.1
E57A	baz=200	S	20 36 04.9	+3.1
E57A	baz=200	S	20 36 04.0	+1.5
SHPR	Sheep Range	P	20 36 04.8	+2.1
G63A	Kingsbury	P	20 36 04.5	+2.1
MPU	Maple Canyon	P	20 36 04.8	+2.1
F60A	Warwick	P	20 36 03.5	+2.1
F60A	baz=204	S	20 36 04.5	+2.1
E58A	La Victoria	P	20 41 35.1	+3.3
E58A	baz=201	S	20 36 04.1	+1.6
D54A	Lac Fusel, La	P	20 41 33.8	+2.0
D54A	baz=196	S	20 36 05.1	+1.8
H65A	Eastbrook	P	20 36 05.1	+1.8
D55A	Sainte-Anne-du	P	20 41 35.5	+2.0
D55A	baz=198	S	20 36 05.8	+1.6
NLU	North Lily Min	P	20 36 07.0	+3.1
PKME	Peaks-Kenny Pk	P	20 36 06.6	+2.8
PKME	Edison Park	P	20 36 06.2	+2.1
RRX	Edison Park	P	20 36 06.3	+1.8
PB01	IPOC Station P	P	20 36 06.2	+1.8
PB01	IPOC Station P	P	20 36 11.1	
PB01	comp=Z,820nm,1.4s	P	20 36 04.4	+0.1
EYMN	Ely	P	20 36 04.0	-0.2
EYMN	Ely	P	20 36 06.6	+1.9
SHOC	Shoshone, Teco	P	20 36 07.1	+2.1
PSUT	Pin Spring	P	20 36 07.1	+2.0
PB02	IPOC Station P	P	20 36 07.1	+2.4
F61A	St Evariste	P	20 41 40.1	+4.2
F61A	baz=205	S	20 36 07.5	+2.5
GSC	Goldstone, Bar	P	20 36 07.3	+2.3
GSC	Goldstone, Bar	P	20 36 07.5	+2.5
GSC	Goldstone, Bar	P	20 36 06.5	+1.4
GSC	Goldstone, Bar	P	20 36 06.5	+1.7
JLU	Jordanelle	P	20 41 38.4	+2.2
D56A	ZEC Mazanza, M	P	20 36 07.2	+2.2
D56A	baz=199	S	20 36 07.2	+2.2
E59A	St. Maurice	P	20 36 04.0</	

11d 20h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like E61A, EDW2, BW06, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SBC, PB10, REDW, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PNTR, SAO, SAO, etc.

LBWR	comp=Z,31um,55.9s	77.29	38	eP	P	20 40 51.6	-0.7
LBWR	comp=Z,21um,37.1s			IAMS_20	IAMS_20	21 05 55.9	
HPK	comp=Z,21um,37.1s	77.33	37	eP	P	20 40 51.5	-1.0
HPK	comp=Z,21um,37.1s			IAMS_20	IAMS_20	21 05 54.7	
SWN1	comp=Z,26um,45.7s	77.33	40	eP	P	20 40 52.8	+0.3
SWN1	comp=Z,26um,45.7s			IAMS_20	IAMS_20	21 05 54.5	
LRW	comp=Z,18um,34.3s	77.36	31	eP	P	20 40 52.0	-0.5
LRW	comp=Z,18um,34.3s			IAMS_20	IAMS_20	21 06 05.0	
CWF	comp=Z,26um,50.2s	77.58	38	eP	P	20 40 51.5	-2.3
CWF	comp=Z,26um,50.2s			IAMS_20	IAMS_20	21 06 00.8	
GAMB	comp=Z,25um,43.8s	77.67	333	P	P	20 40 54.4	+0.2
GOG	comp=Z,25um,43.8s	77.68	56	P	P	20 40 54.8	+3.4
MELI	comp=Z,25um,43.8s	77.72	56	iP	S	20 40 55.8	+0.8
MELI	comp=Z,25um,43.8s			S	S	20 50 35.9	+0.1
SESP	comp=Z,25um,43.8s	77.76	53	P	P	20 40 58.2	+2.7
HOPE	comp=Z,25um,43.8s	77.92	153	P	P	20 40 56.5	+0.9
HOPE	comp=Z,25um,43.8s			pmx	pmx		
HOPE	comp=Z,25um,43.8s	77.92	153	P	P	20 40 56.5	+0.9
HOPE	comp=Z,25um,43.8s			IAMB	IAMB	20 40 60.0	
PMSA	comp=Z,25um,43.8s	78.06	171	P	P	20 40 57.5	+1.4
PMSA	comp=Z,25um,43.8s			IAMB	IAMB	20 40 56.8	+0.7
PMSA	comp=Z,25um,43.8s	78.12	38	eP	P	20 41 01.9	
PMSA	comp=Z,25um,43.8s			IAMS_20	IAMS_20	21 06 17.1	
TAF	comp=Z,21um,38.2s	78.20	57	P	P	20 41 02.0	+4.2
TAF	comp=Z,21um,38.2s			SNR=19			
TDR	comp=Z,21um,38.2s	78.71	58	P	P	20 41 05.0	+4.2
TDR	comp=Z,21um,38.2s			SNR=30			
HMXN	comp=Z,21um,38.2s	78.72	40	eP	P	20 40 59.4	-0.8
HMXN	comp=Z,21um,38.2s			IAMS_20	IAMS_20	21 06 05.4	
WACR	comp=Z,21um,38.2s	78.75	38	eP	P	20 40 58.5	-1.8
WACR	comp=Z,21um,38.2s			IAMS_20	IAMS_20	21 06 34.5	
CART	comp=Z,21um,38.2s	79.03	54	iP	P	20 41 01.8	-0.4
CART	comp=Z,21um,38.2s			S	S	20 50 46.2	-3.5
ELSH	comp=Z,21um,38.2s	79.20	40	eP	P	20 41 02.9	+0.1
ELSH	comp=Z,21um,38.2s			IAMS_20	IAMS_20	21 06 20.5	
RAR	comp=Z,21um,38.2s	79.46	246	P	P	20 41 06.1	+1.4
RAR	comp=Z,21um,38.2s			LR	LR	21 08 34.3	
RAR	comp=Z,21um,38.2s	79.46	246	P	P	20 41 05.9	+1.1
ATKA	comp=Z,21um,38.2s	79.73	321	P	P	20 41 05.8	+0.1
TIC	comp=Z,21um,38.2s	79.89	85	eP	P	20 41 06.3	-1.0
LIC	comp=Z,21um,38.2s	79.96	86	eP	P	20 41 06.8	-0.9
ODJA	comp=Z,21um,38.2s	79.98	56	P	P	20 41 09.0	+1.5
DBIC	comp=Z,21um,38.2s	80.05	85	eP	P	20 41 07.1	-1.0
DBIC	comp=Z,21um,38.2s			SNR=16			
DBIC	comp=Z,21um,38.2s	80.05	85	eP	P	20 59 54.8	+3.5
DBIC	comp=Z,21um,38.2s			SNR=4.6			
DBIC	comp=Z,21um,38.2s	80.15	85	eP	P	20 41 07.2	-1.0
DBIC	comp=Z,21um,38.2s			pmx	pmx		
DBIC	comp=Z,21um,38.2s	80.05	85	eP	P	20 41 07.2	-1.0
KBS	comp=Z,21um,38.2s	80.11	11d	iP	P	20 41 08.9	+1.7
KBS	comp=Z,21um,38.2s			pmx	pmx		
KBS	comp=Z,21um,38.2s	80.11	11	P	P	20 41 08.4	+1.2
KBS	comp=Z,21um,38.2s			IAMB	IAMB	20 41 08.3	
KBS	comp=Z,21um,38.2s	80.11	11	P	P	20 41 10.5	
KIC	comp=Z,21um,38.2s	80.22	85	eP	P	20 41 08.1	-1.0
CLF	comp=Z,21um,38.2s	80.25	43	eP	P	20 41 07.9	-0.7
JOHN	comp=Z,21um,38.2s	80.58	285	P	P	20 41 09.9	-0.9
JOHN	comp=Z,21um,38.2s			IAMB	IAMB	20 41 16.5	
GSTR	comp=Z,21um,38.2s	80.89	321	P	P	20 41 11.8	-0.1
EANR	comp=Z,21um,38.2s	81.10	11	d	P	20 41 11.2	+1.2
ECHA	comp=Z,21um,38.2s	81.10	55	P	P	20 41 12.7	-0.6
SPAO	comp=Z,21um,38.2s	81.13	12	P	P	20 41 13.1	+0.3
SPITS	comp=Z,21um,38.2s	81.13	12	P	P	20 41 13.0	+0.3
SPITS	comp=Z,21um,38.2s			SNR=54			
SPITS	comp=Z,21um,38.2s	81.13	12	P	P	20 44 12.4	-7.1
SPITS	comp=Z,21um,38.2s			LR	LR	21 19 29.8	
SPITS	comp=Z,21um,38.2s	81.13	12	P	P	20 41 13.0	+0.3
EBNR	comp=Z,21um,38.2s	81.13	12	P	P	20 41 14.2	+0.2
HSPB	comp=Z,21um,38.2s	81.25	13	eP	P	20 41 15.2	+1.9
HSPB	comp=Z,21um,38.2s			eP	eP	20 41 53.8	+4.8
HSPB	comp=Z,21um,38.2s			eSKS	S	20 51 09.7	-1.8
HSPB	comp=Z,21um,38.2s			eL	L	21 03 08.7	
UCC	comp=Z,21um,38.2s	81.26	40	P	P	20 41 12.7	-1.2
UCC	comp=Z,21um,38.2s			pmx	pmx		
UCC	comp=Z,21um,38.2s	81.26	40	P	P	20 41 12.7	-1.2
ADK	comp=Z,21um,38.2s	81.30	321	P	P	20 41 14.4	+0.3
ADK	comp=Z,21um,38.2s			pmx	pmx		
ADK	comp=Z,21um,38.2s	81.30	321	P	P	20 41 14.3	+0.3
ADK	comp=Z,21um,38.2s			IAMB	IAMB	20 41 20.0	
SNART	comp=Z,21um,38.2s	81.81	32	iP	P	20 41 16.4	
SNART	comp=Z,21um,38.2s			iP	iP	20 41 17.0	
SSB	comp=Z,21um,38.2s	82.17	45	P	P	20 41 17.9	-1.0
SSB	comp=Z,21um,38.2s			pmx	pmx		
SSB	comp=Z,21um,38.2s	82.17	45	P	P	20 41 17.9	-1.0
HOMB	comp=Z,21um,38.2s	82.50	32	iP	P	20 41 20.5	
WLF	comp=Z,21um,38.2s	82.57	41	eP	P	20 41 19.9	-0.8
WLF	comp=Z,21um,38.2s			pmx	pmx		
WLF	comp=Z,21um,38.2s	82.57	41	P	P	20 41 19.9	-0.8
WLF	comp=Z,21um,38.2s			pmx	pmx		
WLF	comp=Z,21um,38.2s	82.57	41	P	P	20 41 19.9	-0.8
WLF	comp=Z,21um,38.2s			pmx	pmx		
KONO	comp=Z,21um,38.2s	82.81	31j	eP	P	20 41 19.9	-0.8
KONO	comp=Z,21um,38.2s			pmx	pmx		
KONO	comp=Z,21um,38.2s	82.81	31j	eP	P	20 41 22.7	+1.0
KONO	comp=Z,21um,38.2s			pmx	pmx		
KONO	comp=Z,21um,38.2s	82.81	31j	eP	P	20 41 21.5	-0.3
HLG	comp=Z,21um,38.2s	82.87	36	eP	P	20 41 21.4	-0.7
BUG	comp=Z,21um,38.2s	82.97	39	eP	P	20 41 21.7	-1.1
BUG	comp=Z,21um,38.2s			SNR=1			
AHRW	comp=Z,21um,38.2s	83.01	40	eP	P	20 41 22.3	-0.7
AHRW	comp=Z,21um,38.2s			SNR=5			
NC204	comp=Z,21um,38.2s	83.06	29	P	P	20 41 22.1	-1.0
GOET	comp=Z,21um,38.2s	83.10	33	iP	P	20 41 22.5	-0.8
GOET	comp=Z,21um,38.2s			G7?trup			
GOET	comp=Z,21um,38.2s	83.10	33	iP	P	20 41 22.6	
NB000	comp=Z,21um,38.2s	83.13	29	P	P	20 41 22.4	-1.0
NB000	comp=Z,21um,38.2s			IAMB	IAMB	20 42 26.8	
IBBN	comp=Z,21um,38.2s	83.12	38	eP	P	20 41 22.5	-1.0
IBBN	comp=Z,21um,38.2s			SNR=1			
IBBN	comp=Z,21um,38.2s	83.12	38	eP	P	20 44 36.9	+0.6
IBBN	comp=Z,21um,38.2s			ePP			
MUD	comp=Z,21um,38.2s	83.18	34	iP	P	20 41 23.2	-0.5
MUD	comp=Z,21um,38.2s			iP	iP	20 41 23.2	-0.5
MUD	comp=Z,21um,38.2s	83.18	34	iP	P	20 51 29.3	-2.5
MUD	comp=Z,21um,38.2s			S	S	20 41 23.2	
MUD	comp=Z,21um,38.2s	83.18	34	iP	P	20 41 23.2	
MUD	comp=Z,21um,38.2s			S	S	20 51 29.4	
NAO01	comp=Z,21um,38.2s	83.20	29	P	P	20 41 23.4	-0.4
NAO01	comp=Z,21um,38.2s			IAMB	IAMB	20 42 04.5	
NB2	comp=Z,21um,38.2s	83.32	29	P	P	20 41 24.0	-0.4
NB2	comp=Z,21um,38.2s			SNR=6.5			
NB2	comp=Z,21um,38.2s	83.32	29	P	P	20 41 24.0	-0.4
NB2	comp=Z,21um,38.2s			SNR=1			
NOA	comp=Z,21um,38.2s	83.32	29	P	P	20 41 24.0	-0.4
NOA	comp=Z,21um,38.2s			SNR=49			
NOA	comp=Z,21um,38.2s	83.32	29	P	P	20 41 58.7	-1.5
NOA	comp=Z,21um,38.2s			SNR=3.8			
NOA	comp=Z,21um,38.2s	83.32	29	P	P	20 44 34.9	-2.8
NOA	comp=Z,21um,38.2s			PKKPbc			
NOA	comp=Z,21um,38.2s	83.32	29	P	P	20 59 43.4	-2.3
NOA	comp=Z,21um,38.2s			PKKPbc			
NOA	comp=Z,21um,38.2s	83.32	29	P	P	20 59 43.4	-2.3
NOA	comp=Z,21um,38.2s			SNR=6.0			

NOA	comp=Z,1.6nm,1.0s,baz=92,slow=1.8,SNR=3.4					21 07 40.1	
NOA	comp=Z,1.6nm,1.0s,baz=92,slow=1.8,SNR=3.4			LR	LR	21 16 50.8	
NOA	comp=Z,4um,19.0s,baz=295,slow=34					20 41 24.0	-0.4
NC303	comp=Z,4um,19.0s,baz=295,slow=34	83.35	29	P	P	20 41 24.4	-0.1
NC303	comp=Z,4um,19.0s,baz=295,slow=34			IAMB	IAMB	20 41 27.3	
NC303	comp=Z,4um,19.0s,baz=295,slow=34	83.36	29	P	P	20 41 24.1	-0.5
NC303	comp=Z,4um,19.0s,baz=295,slow=34			IAMB	IAMB	20 41 27.5	
NC602	comp=Z,4um,19.0s,baz=295,slow=34	83.54	29	P	P	20 41 24.8	-0.8
NC602	comp=Z,4um,19.0s,baz=295,slow=34			IAMB	IAMB	20 41 28.5	
NC405	comp=Z,4um,19.0s,baz=295,slow=34	83.54	29	P	P	20 41 24.8	-0.8
NC405	comp=Z,4um,19.0s,baz=295,slow=34			IAMB	IAMB	20 41 30.6	
BNI	comp=Z,5.75nm,1.6s					20 41 25.7	-1.1
BNI	comp=Z,5.75nm,1.6s	83.70	45	P	P	20 41 25.7	-1.1
BNI	comp=Z,5.75nm,1.6s			pmx	pmx		
BNI	comp=Z,5.75nm,1.6s	83.70	45	P	P	20 41 25.7	-1.1
TNS	comp=Z,5.75nm,1.6s	83.93	40	eP	P	20 41 26.8	-1.0
TNS	comp=Z,5.75nm,1.6s			eP	eP	20 42 01.8	-1.9
TNS	comp=Z,5.75nm,1.6s	84.00	37	eP	P	20 41 27.5	-0.5
TNS	comp=Z,5.75nm,1.6s			eP	eP	20 44 44.9	+1.4
RETH	comp=Z,5.75nm,1.6s	84.21	42	P	P	20 41 27.8	-1.5
RETH	comp=Z,5.75nm,1.6s			eP	eP	20 41 27.6	-1.6
BFO	comp=Z,5.75nm,1.6s	84.21	42	P	P	20 41 27.6	-1.6
BFO	comp=Z,5.75nm,1.6s			pmx	pmx		
BFO	comp=Z,5.75nm,1.6s	84.21	42	P	P	20 41 27.6	-1.6
BFO	comp=Z,5.75nm,1.6s			pmx	pmx		
BFO	comp=Z,5.75nm,1.6s	84.21	42	P	P	20 41 27.6	-1.6
BFO	comp=Z,5.75nm,1.6s			pmx	pmx		
BFO	comp=Z,5.75nm,1.6s	84.21	42	P	P	20 41 27.6	-1.6
BFO	comp=Z,5.75nm,1.6s			pmx	pmx		
BFO	comp=Z,5.75nm,1.6s	84.21	42	P	P	20 41 27.6	-1.6
BFO	comp=Z						

11d 20h

Table with columns: BRG, Bergjesshubel, 87.20, 39, eP, P, 20 41 43.2 -0.7, etc. Includes various station names like Osservatorio P, Jochberg, Abfattersbach, etc.

2014 APR

Table with columns: AFI, Afiamalu, 88.74, 256, Iamb, Iamb, 20 41 58.2, etc. Includes various station names like OBKA, OBKA, OBKA, etc.

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Table with columns: FINES, FINES, SMOL, Smolenice, 90.04, 40, eP, pmax, 20 41 57.0 -0.3, etc. Includes various station names like SMOL, SMOL, OKC, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PGOR Pogoanele, DOPR Dopca, Tescani, etc.

NEIC 11 20:50:24.7-2.7, 11.28N:0.10-86.25W:0.08, h140km, 7km, mb4.4/49, Error ellipse: s-maj=15.2km s-min=9.6km az=205.0

UCR 11 20:50:28.2-1.6, 11.67N:86.14W, h120km, 10km, mb4.2(NEIC)

INET 11 20:50:29.0, 11.23N:86.63W, h27km, ML4.8, IDC 11 20:50:30.6-2.5, 11.98N:85.96W, h156km, 20km, mb3.6/9, mb1.3/12, mb1mx3.5/45, mbtmp4.0/12, Error ellipse: s-maj=42.5km s-min=17.0km az=24.0

ISC 11 20:50:27.0-0.6, 11.155N:0.07-86.64W, 0.06, h139km, n87, r145/90, mb4.3/26, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MASN Masaya, ACON Acayapa, B1A Borinquen Arri, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BMAR Burnt Mountain, GEC2 GEREZ Array S, ASAR Alice Springs, etc.

ANF 11 20:55:22.4-0.1, 37.75N:82.06W, h0km, ML2.6/35, Error ellipse: s-maj=1.3km s-min=1.1km az=80.0, West Virginia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like S53A Williamson, R53A Hurricane, S54A Dingess, Beckl, etc.

INET 11 20:57:53.5, 12.25N:86.35W, h0km, ML3.8, Nicaragua

IDC 11 21:20:25.8-1.9, 6.65S:154.85E, h0km, mb3.8/6, mb1.4/0.6, mb1mx3.7/39, mbtmp3.7/6, Error ellipse: s-maj=59.6km s-min=28.0km az=113.0

ISC 11 21:20:33.4-1.6, 6.75S:102.154E:0.3, h56km, n9, c0#65/6, mb3.7/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DDA 11 20:44:12.9, 37.02N:27.44E, h9km, ML1.2, Turkey, BDRM Kayabasi, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, NVAR Mina Array, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, H11S2 WAKE ISLAND Hy, etc.

MOS 11 21:22:29.5-0.9, 1.06S:24.27W, h10km, mb5.1/15, Error ellipse: s-maj=9.8km s-min=6.9km az=48.3

Table with columns: Call Sign, Name, Location, Frequency, Mode, Power, and other technical details. Includes stations like David Mesa, Pa, Skin Mesa, Pa, Nyswonger Mesa, etc.

Table with columns: Call Sign, Name, Location, Frequency, Mode, Power, and other technical details. Includes stations like ISA Isabella, LA, DLBC Dease Lake, BILL Bilibino, etc.

Table with columns: Call Sign, Name, Location, Frequency, Mode, Power, and other technical details. Includes stations like PTGA Pitanga, PDAR Pinedale Array, YKA Yellowknife Arr, etc.

T51A	Gray	61.78 344	P	P	23 28 59.0	-0.2
U49A	Red Boiling Sp	61.84 343	P	P	23 28 58.5	-1.0
R57A	Stanardsville	61.92 349	P	P	23 29 01.0	+1.0
JCT	Junction City	61.95 328	P	P	23 29 00.8	+0.4
JCT	Junction City	61.95 328	I	Amb	23 29 01.9	
S54A	Dingess, Beckl	61.97 347	P	P	23 29 00.7	+0.3
S54A	Dingess, Beckl	61.97 347	P	P	23 29 00.8	+0.3
S53A	Williamson	62.03 346	P	P	23 29 01.1	+0.3
T50A	Nancy	62.06 344	P	P	23 29 00.7	-0.4
WVT	Waverly	62.08 341	P	P	23 29 00.7	-0.4
WVT	Waverly	62.08 341	P	P	23 29 00.5	-0.7
WHTX	Lake Whitney,	62.09 330	P	P	23 29 01.9	+0.6
WHTX	Lake Whitney,	62.09 330	P	P	23 28 60.0	-1.4
WHTX	Lake Whitney,	62.09 330	I	Amb	23 29 02.7	
R54A	Victor	62.27 347	P	P	23 29 02.8	+0.3
T49A	Edmonton	62.33 343	P	P	23 29 02.4	-0.4
T49A	Edmonton	62.33 343	I	Amb	23 29 03.1	
HPIG	HPIG	62.34 321	P	I	23 29 02.7	-0.6
HPIG	HPIG	62.34 321	I	Amb	23 29 05.5	
S50A	Richmond	62.57 344	P	P	23 29 04.2	-0.1
R53A	Hurricane	62.62 346	P	P	23 29 04.8	+0.1
R53A	Hurricane	62.62 346	P	P	23 29 03.9	-0.7
R53A	Hurricane	62.62 346	I	Amb	23 29 05.8	
T47A	Sharon Grove	62.66 342	P	pP	23 29 59.4	+4.0
W41B	Gary Mavity, V	62.70 336	P	P	23 29 05.7	+0.4
Q56A	Snyder Ridge,	62.76 349	P	P	23 29 06.8	+1.2
Q56A	Snyder Ridge,	62.76 349	P	P	23 29 05.3	-0.3
Q55A	Buckhamnon	62.88 348	P	P	23 29 07.6	+1.1
R51A	Hillsboro	62.96 345	P	P	23 29 07.0	+0.1
Q54A	Coxs Mills	63.02 348	P	P	23 29 07.4	+0.1
Q54A	Coxs Mills	63.02 348	I	Amb	23 29 08.5	
Q53A	Leroy	63.04 347	P	P	23 29 07.6	+0.2
TXAR	Lajitas Array	63.04 324	P	P	23 29 08.4	+0.7
Z35A	Perchaven, San	63.13 331	P	P	23 29 08.7	+0.6
T45A	Paducah	63.15 340	P	P	23 29 08.1	-0.1
P48M	Parma	63.18 339	P	P	23 29 07.2	-1.1
Q52A	Bidwell	63.29 346	P	P	23 29 09.2	+0.1
FCAR	Ozark Folk Cen	63.30 337	P	I	23 29 08.8	-0.4
FCAR	Ozark Folk Cen	63.30 337	I	Amb	23 29 20.1	
W39A	Magazine	63.30 335	P	P	23 29 09.7	+0.4
W39A	Magazine	63.30 335	P	I	23 29 09.4	+0.1
W39A	Magazine	63.30 335	I	Amb	23 29 11.2	
P55A	Reedsville	63.33 349	P	P	23 29 09.9	+0.5
R49A	Shelbyville	63.35 344	P	P	23 29 09.1	-0.4
X37A	Clayton	63.41 334	I	Amb	23 29 11.7	
MCWV	Mont Chateau	63.48 349	P	P	23 29 10.9	+0.6
MCWV	Mont Chateau	63.48 349	P	P	23 29 11.0	+0.7
P54A	Burton	63.54 348	P	P	23 29 11.1	+0.3
Q50A	Georgetown	63.57 345	P	P	23 29 10.7	-0.3
WCI	Wyandotte Cave	63.59 343	P	P	23 29 10.6	-0.4
WCI	Wyandotte Cave	63.59 343	P	P	23 29 09.8	-1.3
WCI	Wyandotte Cave	63.59 343	I	Amb	23 29 11.0	
Q51A	Peebles	63.60 345	P	P	23 29 11.2	+0.1
Q51A	Peebles	63.60 345	P	I	23 29 12.3	
P53A	Whipple	63.61 347	P	P	23 29 11.2	0.0
P53A	Whipple	63.61 347	pP	P	23 30 06.1	+4.3
ABTX	Abilene, Hawle	63.63 329	P	P	23 29 12.6	+1.1
O56A	Blue Knob Stat	63.85 350	P	P	23 29 13.4	+0.6
P52A	Corning	63.91 347	P	P	23 29 13.0	-0.1
O55A	Ligonier	63.92 349	P	P	23 29 13.5	+0.3
Q49A	Aurora	63.95 344	P	P	23 29 12.9	-0.5
S44A	Carbondale	63.96 340	P	I	23 29 12.6	-0.8
S44A	Carbondale	63.96 340	I	Amb	23 29 13.3	
P51A	Williamsport	63.97 346	P	P	23 29 12.3	-1.1
P51A	Williamsport	63.97 346	I	Amb	23 29 14.2	
U40A	Yellville	63.98 337	P	P	23 29 13.6	-0.1
U40A	Yellville	63.98 337	P	P	23 29 13.2	-0.5
O54A	Avella	64.09 348	P	P	23 29 14.4	+0.1
Q48A	North Vernon	64.09 343	P	P	23 29 13.9	-0.4
P50A	Jamestown	64.26 345	P	P	23 29 15.1	-0.3
O52A	Adamsville	64.31 347	P	P	23 29 16.0	+0.3
O52A	Adamsville	64.31 347	P	I	23 29 15.0	-0.7
O52A	Adamsville	64.31 347	I	Amb	23 29 16.5	
O53A	New Philadelph	64.31 348	P	P	23 29 15.9	+0.2
HHAR	Hobbs	64.32 336	I	Amb	23 29 16.8	
P49A	Miami Univ. Ec	64.41 345	P	P	23 29 16.1	-0.2
N55A	Marion Center	64.42 350	P	P	23 29 17.0	+0.5
X34A	Smith Ranch, M	64.46 332	P	I	23 29 15.3	-1.5
X34A	Smith Ranch, M	64.46 332	I	Amb	23 29 18.2	
O51A	Pataskala	64.50 346	P	P	23 29 16.9	0.0
P48A	Milroy	64.52 344	P	I	23 29 15.0	-2.0
P48A	Milroy	64.52 344	I	Amb	23 29 16.4	
M58A	Price's Panora	64.62 352	P	P	23 29 17.9	+0.2
U38A	Waymart	64.63 335	P	P	23 29 16.7	-1.2
M59A	Waymart	64.66 353	P	P	23 29 18.2	+0.2
ACSO	Alum Creek Sta	64.67 346	P	P	23 29 17.9	-0.1
ACSO	Alum Creek Sta	64.67 346	P	P	23 29 17.3	-0.7
TUL1	Leonard	64.72 334	P	P	23 29 18.7	+0.3
TUL1	Leonard	64.72 334	P	P	23 29 17.4	-1.0
TUL1	Leonard	64.72 334	I	Amb	23 29 19.7	
O50A	Cable	64.73 346	P	P	23 29 18.6	+0.2
N54A	Moraine State	64.77 349	P	P	23 29 18.9	+0.2
N54A	Moraine State	64.77 349	P	I	23 29 18.6	-0.1
N54A	Moraine State	64.77 349	I	Amb	23 29 19.9	
N53A	Lisbon	64.78 348	P	P	23 29 19.0	+0.2
N53A	Lisbon	64.78 348	P	I	23 29 18.0	-0.7
N53A	Lisbon	64.78 348	I	Amb	23 29 20.1	

FNO	Franklin	64.83 332	P	P	23 29 18.5	-0.7
O49A	Covington	64.94 345	P	P	23 29 19.2	-0.5
O49A	Covington	64.94 345	I	Amb	23 29 20.2	
CCM	Cathedral Cave	64.94 339	P	P	23 29 19.6	-0.2
CCM	Cathedral Cave	64.94 339	P	P	23 29 19.6	-0.2
N52A	McGinn's Farm,	64.95 347	P	P	23 29 19.5	-0.3
M56A	Emporium	64.98 350	P	P	23 29 18.7	-1.3
M56A	Emporium	64.98 350	I	Amb	23 29 26.1	
WMOK	Wichita Mounta	64.99 331	P	P	23 29 20.3	0.0
M55A	Ridgway	65.06 350	P	P	23 29 20.6	+0.1
N51A	Ashland	65.19 347	P	P	23 29 21.4	0.0
N51A	Ashland	65.19 347	I	Amb	23 29 22.0	
O48A	Farmland	65.20 344	P	P	23 29 20.9	-0.6
L58A	Harry Jones Me	65.21 352	P	P	23 29 22.3	+0.8
N50A	Nevada	65.22 346	P	P	23 29 22.0	+0.4
M54A	Oil Creek Stat	65.25 349	P	P	23 29 22.1	+0.4
M54A	Oil Creek Stat	65.25 349	I	Amb	23 29 23.1	
L59A	Walton	65.26 353	P	P	23 29 22.4	+0.6
HRV	Adam Dzewonsk	65.26 356	P	P	23 29 21.9	+0.1
L61B	Northampton	65.29 355	P	P	23 29 22.3	+0.3
L57A	Andrews Acres	65.29 352	P	P	23 29 22.1	0.0
S39A	Bolivar	65.34 337	pP	P	23 30 12.0	+4.6
M53A	Wl Miller and	65.36 348	P	P	23 29 22.7	+0.2
BINY	Binghamton	65.38 352	P	P	23 29 23.3	+0.7
BINY	Binghamton	65.38 352	I	Amb	23 29 24.5	
K63A	Dunstable	65.44 356	P	P	23 29 24.1	+1.2
ALLY	Alegheny Cole	65.47 349	P	I	23 29 22.6	-0.6
R40A	Maddies Statio	65.50 338	I	Amb	23 29 24.0	
L56A	Greenwood	65.53 351	P	P	23 29 24.0	+0.5
L56A	Greenwood	65.53 351	P	I	23 29 22.8	-0.8
L56A	Greenwood	65.53 351	I	Amb	23 29 33.5	
M51A	Elyria	65.55 347	P	P	23 29 23.6	-0.1
M52A	Chesterland	65.59 348	P	P	23 29 23.9	0.0
M52A	Chesterland	65.59 348	P	I	23 29 22.8	-1.1
M52A	Chesterland	65.59 348	I	Amb	23 29 24.8	
N49A	Columbus Grove	65.60 345	P	P	23 29 23.5	-0.5
L55A	Hinsdale	65.70 350	P	P	23 29 25.4	+0.7
N48A	Decatur	65.74 345	P	P	23 29 25.0	+0.1
L53A	Girard	65.78 349	P	P	23 29 25.5	+0.4
M50A	Fremont	65.80 346	P	P	23 29 25.5	+0.2
M50A	Fremont	65.80 346	P	I	23 29 22.8	-2.4
M50A	Fremont	65.80 346	I	Amb	23 29 25.7	
MCNTX	Cornudas Mount	65.81 324	P	P	23 29 26.3	+0.7
MCNTX	Cornudas Mount	65.81 324	I	Amb	23 29 26.6	
K59A	Cooperstown	65.81 353	P	P	23 29 26.2	+0.8
SFIN	Lafayette	65.82 343	P	P	23 29 25.1	-0.3
SFIN	Lafayette	65.82 343	P	I	23 29 24.3	-1.1
SFIN	Lafayette	65.82 343	I	Amb	23 29 25.1	
P43A	Skaggs Pawnee	65.83 341	P	P	23 29 23.8	-1.7
T35A	Sooner Cattle	65.88 334	P	I	23 29 25.9	0.0
T35A	Sooner Cattle	65.88 334	I	Amb	23 29 27.4	
K58A	Earlville	65.89 353	P	P	23 29 26.7	+0.8
K58A	Earlville	65.89 353	P	I	23 29 26.1	+0.3
K58A	Earlville	65.89 353	I	Amb	23 29 28.0	
L54A	Sinclairville	65.89 350	P	P	23 29 26.6	+0.7
ERPA	Erie	65.89 349	P	P	23 29 26.4	+0.6
N47A	Urbana	65.92 344	P	P	23 29 25.7	-0.3
N47A	Urbana	65.92 344	I	Amb	23 29 26.2	
WVNY	West Valley, N	65.95 350	I	Amb	23 29 27.9	
K57A	Scipio Center	65.97 352	P	P	23 29 26.8	+0.4
K56A	Middlesex	66.04 351	P	P	23 29 27.4	+0.6
K54A	Basisko Farm,	66.16 350	P	P	23 29 28.1	+0.6
MMNY	Mt. Morris Dam	66.16 351	P	I	23 29 26.3	-1.3
MMNY	Mt. Morris Dam	66.16 351	I	Amb	23 29 29.4	
K55A	Perry	66.18 351	P	P	23 29 27.8	+0.1
J58A	Remsen	66.44 353	P	P	23 29 29.8	+0.5
AMTX	Amarillo	66.45 329	P	P	23 29 30.5	+0.8
AMTX	Amarillo	66.45 329	I	Amb	23 29 31.5	
J59A	Piesco	66.46 354	P	P	23 29 30.4	+0.9
J59A	Piesco	66.46 354	P	P	23 29 30.0	+0.6
J56A	Wolcott	66.55 352	P	P	23 29 30.1	+0.2
J57A	Williamstown	66.57 353	P	P	23 29 30.4	+0.3
J57A	Williamstown	66.57 353	P	I	23 29 32.0	
J57A	Williamstown	66.57 353	I	Amb	23 29 32.0	
L48A	N Adams	66.62 346	P	P	23 29 30.1	-0.5
K52A	Tilsonburg	66.67 349	P	P	23 29 30.7	-0.1
J55A	Hilton	66.67 351	P	P	23 29 30.9	+0.2
I60A	Shoreham	66.72 355	P	P	23 29 31.9	+0.8
I59A	Olmsteadville	66.73 354	P	P	23 29 31.5	+0.4
I61A	Oronobro, Fairl	66.73 356	P	P	23 29 31.8	+0.7
LIC	Lamto	66.73 72	eP	P	23 29 32.1	+0.3
I58A	Old Forge	66.73 353	P	P	23 29 32.0	+0.8
TIC	Tomoudi	66.93 72	eP	P	23 29 33.6	+0.5
M44A	Midewin, Midew	67.02 343	P	P	23 29 32.5	-0.5
K50A	Casco	67.03 347	P	P	23 29 33.1	+0.1
K50A	Casco	67.0				

F45A	CMU Biological	70.42 346	P	P	23 29 53.9	0.0
X18A	Snowflake	70.45 323	P	P	23 29 52.0	-2.5
E48A	Lockeeyr	70.51 349	P	P	23 29 54.4	0.0
SDCO	Great Sand Dun	70.58 328	P	P	23 29 57.1	+1.7
SDCO	Great Sand Dun	70.58 328	P	P	23 29 54.9	-0.5
SDCO	Great Sand Dun	70.58 328	P	P	23 29 58.0	
D51A	Lot 18 Range, 0.8s	70.64 351	P	P	23 29 55.7	+0.5
E47A	Iron Bridge	70.69 348	P	P	23 29 55.3	-0.2
W18A	Petrified Fore	70.76 324	P	P	23 29 57.7	+1.2
W18A	Petrified Fore	70.76 324	P	P	23 29 56.0	-0.5
D50A	G1974 Best Tow	70.78 350	P	P	23 29 56.2	+0.2
E46A	Sault Ste Mari	70.81 347	Iamb	Iamb	23 29 56.9	
I37A	Lemond, Waseca	71.01 340	Iamb	Iamb	23 29 56.6	-0.9
D48A	Paudash Townsh	71.11 349	P	P	23 29 58.1	+0.1
G40A	Rib Lake	71.20 343	P	P	23 29 58.0	-0.6
X16A	Lo Mia Camp, P	71.20 342	P	P	23 29 08.8	+1.7
D47A	Chapleau	71.23 348	P	P	23 29 58.6	-0.1
S22A	4UR Ranch, Cre	71.24 327	P	P	23 29 00.4	+1.0
D46A	Sault St. Mari	71.26 347	P	P	23 29 58.8	-0.1
E44A	Grand Marais A	71.40 346	P	P	23 29 00.8	+1.2
OGNE	Ogallala	71.58 332	P	P	23 29 02.2	+1.0
MVCO	Mesa Verde	71.68 326	P	P	23 29 03.4	+1.5
MVCO	Mesa Verde	71.68 326	Iamb	Iamb	23 29 04.5	
Y14A	Wickenburg	71.76 321	Iamb	Iamb	23 29 05.0	
ECSD	EROS Data Cent	71.84 338	P	P	23 29 03.0	+0.6
SPMN	Marine on St.	71.92 341	P	P	23 29 02.8	-0.1
WUJAZ	Wupatki	71.96 323	P	P	23 29 05.3	+1.7
WUJAZ	Wupatki	71.96 323	Iamb	Iamb	23 29 06.7	
GLA	Glamis	72.22 319	P	P	23 29 06.7	+1.7
ISCO	Idaho Springs	72.26 329	P	P	23 29 06.8	+1.4
Y12C	Blythe	72.53 320	P	P	23 29 08.6	+1.9
PV15	Paradox Valley	72.53 327	Iamb	Iamb	23 29 10.0	
PV13	Radium Mtn., P	72.56 326	Iamb	Iamb	23 29 09.2	
PV18	Skein Mesa, P	72.67 326	Iamb	Iamb	23 29 10.3	
PDMCI	Parker Dam, Lak	72.68 320	P	P	23 29 09.4	+1.8
IKP	In-Ko-Pah, Jac	72.74 318	P	P	23 29 10.1	+1.9
SWSC	Sam W. Stewart	72.75 318	P	P	23 29 10.0	+1.9
PV22	Blue Mesa, Par	72.83 327	Iamb	Iamb	23 29 11.4	
BC3	Big Chuckawall	73.02 319	P	P	23 29 11.7	+1.9
MATO	Matagami	73.02 353	P	P	23 29 09.4	+0.1
W13A	Hualapai Mount	73.09 321	P	PcP	23 29 27.4	+1.6
MONP2	Monument Peak	73.09 318	P	P	23 29 12.3	+1.9
U15A	North Rim	73.14 323	Iamb	Iamb	23 29 14.0	
IRM	Iron Mountain	73.18 319	P	P	23 29 12.7	+2.0
N23A	Red Feather La	73.28 330	P	P	23 29 12.6	+1.2
BELC	Belle Mtn. Jos	73.59 319	P	P	23 29 15.1	+2.2
XPFO	Pion Flat	73.60 318	P	P	23 29 15.4	+2.2
PFO	Pinyon Flats O	73.60 318	P	P	23 29 15.1	+1.8
PFO	Pinyon Flats O	73.60 318	P	P	23 29 15.5	+2.2
PFO	Pinyon Flats O	73.60 318	P	P	23 29 15.4	+2.2
O20A	White River C	73.78 328	P	P	23 29 15.7	+1.4
GMRC	Granite Mount	73.92 320	P	P	23 29 17.1	+2.1
EYMN	Ely	74.01 343	P	P	23 29 15.2	0.0
HEC	Hector, Ludlow	74.35 319	P	P	23 29 19.5	+2.0
SYO	Syowa Base	74.41 159	eP	eP	23 29 16.3	-0.9
SYO	Syowa Base	74.41 159	ePcP	ePcP	23 29 26.9	-3.8
BFSC	Mount Baldy Ra	74.76 318	P	P	23 29 22.1	+2.2
GSC	Goldstone, Bar	74.96 319	P	P	23 29 22.9	+1.9
GSC	Goldstone, Bar	74.96 319	Iamb	Iamb	23 29 24.0	
RSSD	Black Hills	75.03 333	P	P	23 29 22.5	+1.2
RSSD	Black Hills	75.03 333	P	P	23 29 22.7	+1.4
EDWZ	Edwards Air Fo	75.04 318	P	P	23 29 25.4	+2.0
AGMN	Agassiz Nation	75.60 340	P	P	23 29 24.7	+0.5
TPNV	Topopah Spring	75.75 321	P	P	23 29 27.5	+2.0
TPNV	Topopah Spring	75.75 321	Iamb	Iamb	23 29 28.8	
FURC	Furnace Creek,	75.78 320	P	P	23 29 27.5	+2.0
VNDA	Vanda	75.82 190	P	P	23 29 25.9	+0.8
VNDA	Vanda	75.82 190	P	P	23 29 27.2	+2.1
SC2Z	Santa Cruz Isl	75.83 317	P	P	23 29 27.7	+1.8
MPMC	Manual Prospec	75.88 320	P	P	23 29 27.7	+1.4
DUG	Dugway, Tooele	76.15 325	P	P	23 29 29.3	+1.6
DUG	Dugway, Tooele	76.15 325	Iamb	Iamb	23 29 30.6	
ISA	Isabella, Lake	76.21 319	P	P	23 29 29.9	+1.9
ISA	Isabella, Lake	76.21 319	Iamb	Iamb	23 29 31.1	
R11A	Troy Canyon, C	76.34 322	P	P	23 29 30.9	+2.0
BW06	Boulder Array	76.43 329	P	P	23 29 30.3	+0.9
PDAR	Pinedale Array	76.43 329	P	P	23 29 30.2	+0.9
PDAR	Pinedale Array	76.43 329	P	P	23 29 19.7	-2.2
PDAR	Pinedale Array	76.43 329	P	P	23 29 30.1	+0.8
MDND	Madcock	76.45 338	P	P	23 29 29.8	+0.8
CWC	Cottonwood Cre	76.49 320	P	P	23 29 31.8	+2.1
PKM	Mcpherson Peak	76.53 317	P	P	23 29 31.7	+1.7
HUT	Hardware Ranch	76.54 327	Iamb	Iamb	23 29 33.2	
VESV	Vestal, Richgr	76.70 319	P	P	23 29 32.6	+2.0
SMMC	Simmler	76.92 318	P	P	23 29 34.1	+2.2
TIN	Tinemaha, Big	76.99 320	P	P	23 29 34.4	+2.0
ULM	Lac du Bonnet	77.34 341	P	P	23 29 33.9	0.0
ULM	Lac du Bonnet	77.34 341	P	P	23 29 27.2	+0.7
ULM	Lac du Bonnet	77.34 341	Iamb	Iamb	23 29 31.9	

ULM	Antelope Grade	77.34 318	Iamb	pP	23 31 31.2	+4.7
PAGB	Schefferville	77.44 360	P	P	23 30 34.5	+0.1
SCHO	Scho	77.44 360	pP	pP	23 30 34.7	+2.9
REWD	Red Top Meadow	77.52 329	Iamb	Iamb	23 30 37.8	
SNOW	Snow King Moun	77.53 329	Iamb	Iamb	23 30 38.4	
TSUM	Tsumeb	77.56 106	P	P	23 30 35.6	-0.5
TSUM	Tsumeb	77.56 106	Iamb	Iamb	23 30 37.3	
TSUM	Tsetse	77.56 106	pP	pP	23 31 30.6	+2.2
TPAW	Teton Pass	77.65 329	Iamb	Iamb	23 30 38.7	
MLAC	Mammoth, Mammo	77.82 320	P	P	23 30 38.4	+1.7
OMMB	Old Mammoth M	77.82 320	Iamb	Iamb	23 30 39.9	
IMW	Indian Meadow	77.95 329	Iamb	Iamb	23 30 40.4	
NVAR	Nina Array Bea	77.95 321	P	P	23 30 38.3	+0.4
NVAR	Nina Array Bea	77.95 321	P	P	23 30 39.4	+1.5
FLWY	Flagg Ranch	77.97 329	Iamb	Iamb	23 30 40.3	
LAO	LASA Array	78.01 333	P	P	23 30 38.7	+0.9
LAO	LASA Array	78.01 333	Iamb	Iamb	23 30 39.8	
RLMT	Red Lodge	78.10 331	P	P	23 30 40.1	+1.6
RLMT	Red Lodge	78.10 331	Iamb	Iamb	23 30 40.5	
H17A	Grant Village	78.15 329	P	P	23 30 40.9	+2.1
KVN	Kaiserville	78.25 321	Iamb	Iamb	23 30 41.9	
DGMT	Dagmar	78.65 336	P	P	23 30 42.4	+1.2
DLMT	Dillon	79.83 329	Iamb	Iamb	23 30 50.4	
AFDM	Forest Hills D	79.86 320	Iamb	Iamb	23 30 50.2	
BOSA	Boshof	80.07 117	iP	P	23 30 53.8	-0.1
BOSA	Boshof	80.07 117	P	P	23 30 53.1	-0.7
BOSA	Boshof	80.07 117	iP	P	23 30 53.8	-0.1
BOSA	Boshof	80.07 117	P	P	23 30 53.2	-0.7
O03E	Paynes Creek	81.22 321	P	P	23 30 55.7	+0.4
J08A	Circle Bar Ran	81.38 325	Iamb	Iamb	23 30 58.7	
M08A	Middle Plateau	81.41 323	Iamb	Iamb	23 30 58.8	
M50	Missoula	81.54 329	P	P	23 30 57.6	+0.8
O02D	Mt. Diablo Mer	81.73 320	P	P	23 30 58.7	+0.8
N02D	Trinity Center	82.18 321	P	P	23 31 01.5	+1.2
MAW	Maxwell	82.34 163	P	P	23 31 01.6	+1.0
LBTB	Lobatse	82.46 114	iP	P	23 31 02.0	-0.2
LBTB	Lobatse	82.46 114	iP	P	23 31 02.0	-0.2
LBTB	Lobatse	82.46 114	P	P	23 31 01.9	-0.2
F10A	Beach Ranch, E	82.53 327	Iamb	Iamb	23 31 05.0	
M02C	Callahan	82.53 321	P	P	23 31 03.3	+1.2
YBH	Yreka Blue Hor	82.67 321	P	P	23 31 02.5	-0.3
J05D	Fort Rock, OR	83.28 323	P	P	23 31 04.8	+1.2
PINE	Pine Mountain	83.00 324	Iamb	Iamb	23 31 07.3	
FFC	Flin Flon	83.08 340	pP	pP	23 32 02.4	+4.6
J04D	Umpqua Nationa	83.29 323	P	P	23 31 07.3	+1.3
LO2E	Low Junction	83.45 321	P	P	23 31 08.1	+1.4
TAM	Tamanrasset	83.54 62	P	P	23 31 08.5	+0.8
I05D	Terrbonne, OR	83.58 324	P	P	23 31 08.9	+1.6
K02D	Willamette Mer	83.83 321	P	P	23 31 10.1	+1.5
HAWA	Hanford	83.98 326	Iamb	Iamb	23 31 11.5	
D08A	Wolfram Farm,	84.12 327	Iamb	Iamb	23 31 12.2	
G05D	Wamic, OR	84.15 325	P	P	23 31 11.8	+1.7
J01E	Myrtle Point	84.27 322	P	P	23 31 12.8	+2.1
I02D	Swisshome	84.81 323	P	P	23 31 14.8	+1.4
LTY	Liberty	85.14 326	Iamb	Iamb	23 31 16.8	
B05A	Bryan	86.53 327	P	P	23 31 22.1	+0.4
D03D	Eldon	86.57 326	P	P	23 31 22.7	+0.8
MATP	Matopo	86.68 111	iP	P	23 31 21.2	-2.2
MATP	Matopo	86.68 111	P	P	23 31 21.2	-2.2
LLBL	Lillooet	87.95 328	Iamb	Iamb	23 31 29.8	
CASY	Canyon	91.05 179	P	P	23 31 44.4	+1.6
YKA	Yellowknife Ar	92.26 340	P	P	23 31 53.2	+0.4
DLBC	Dease Lake	96.47 332	P	P	23 32 08.2	+0.4
BRTR	Keskin Array B	111.87 55	PKKPab	PKKPab	23 48 14.8	+0.4
ARU	Arti	128.05 35	PKP	PKP	23 37 42.9	-0.3
ARU	Arti	128.08 35	PKP	PKP	23 37 43.6	+0.3
AKTO	Aktubinsk	129.23 43	PKP	PKP	23 37 45.9	+0.2
AKTO	Aktubinsk	129.23 43	PKP	PKP	23 37 47.4	+1.2
ASAR	Alice Springs	129.59 205	PKP	PKP	23 37 47.4	+0.1
ASAR	Alice Springs	129.59 205	PKP	PKP	23 40 49.2	+0.2
ASAR	Alice Springs	129.59 205	PKP	PKP	23 37 47.2	-0.1
AS31	Alice Springs	129.59 205	PKP	PKP	23 37 46.9	-0.4
ABKAR	Abkarak array	130.69 44	PKP	PKP	23 37 49.4	0.0
SEY	Seymchan	132.35 37	SKPbc	SKPbc	23 40 57.9	+0.5
WRA	Warramunga Ar	132.76 207	PKP	PKP	23 37 54.0	+0.6
WRA	Warramunga Ar	132.76 207	SKPbc	SKPbc	23 37 54.0	+0.1
WRA	Warramunga Ar	132.76 207	PKP	PKP	23 37 54.0	+0.6
PETK	Petrovlovsk-	134.99 323	PKP	PKP	23 37 56.8	+0.4
BVAR	Borovoye Array	135.70 36	PKP	PKP	23 37 58.3	+0.5
BVAR	Borovoye Array	135.70 36	SKPbc	SKPbc	23 50 10.7	-1.9
KURBB	Kurchatov Arra	141.28 36	PKP	PKP	23 38 04.5	
KURBB	Kurchatov Arra	141.28 36	PKP	PKP	23 39 03.3	-1.5
KURBB	Kurchatov Arra	141.28 36	SKPbc	SKPbc	23 41 24.8	+0.2
AAK	Ala-Archa	142.24 49	PKP	PKP	23 38 10.3	0.0
AAK	Ala-Archa	142.24 49	SKPbc	SKPbc	23 41 28.8	-0.3
ZALV	Zaleskiy Bazar	142.28 38	PKP	PKP	23 38 06.8	
ZALV	Zaleskiy Bazar	142.28 38	PKP	PKP	23 39 02.1	-4.3
ZALV	Zaleskiy Bazar	142.28 38	SKPbc	SKPbc	23 41 23.5	
KSH	Kashi	144.25 54	eP	PKPbc	23 38 12.9	+0.2
KSH	Kashi	144.25 54	eP	PKPbc	23 38 12.9	+0.2
MKAR	Makanchi Array	145.44 39	PKPbc	PKPbc	23 38	

Table with columns: ARAG, FRBT, PLCA, etc. containing station names, coordinates, and status.

Table with columns: CNMP, PPLA, BRLL, etc. containing station names, coordinates, and status.

Table with columns: OBKA, WTTA, MOTTA, etc. containing station names, coordinates, and status.

INET 12:00:08:10.7, 12:22N-86:36W, h12km, ML4.1, Nicaragua

NEIC 12:00:11.00:8.1, 6.23:20N:0.05:121.54E:0.05, h18km, 4km, Error ellipse: s-maj=8.9km s-min=4.9km az=133.0

IDC 11 23:59:03.4:7.9, 10.62N-86:23W, h0km, mb3/3, mb1 3.7/4, mb1mx3.5/33, mb2mp3.4/4, ML2.9/1, Error ellipse: s-maj=234.1km s-min=58.1km az=30.0, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, containing station data.

IDC 11 23:59:25.1:0.6, 22:10N:0.08:142:83E:0.10, h250km, n90, +079/93, mb4.0/45, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, containing station data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, containing station data.

IDC 11 23:59:25.2:1.1, 22.09N:0.10:142:81E:0.10, h249km, 7km, mb4.0/46, Error ellipse: s-maj=16.2km s-min=10.3km az=140.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, containing station data.

IDC 11 23:59:41.5:1.5, 18.88S:177:73W, h573km, 18km, mb3.1/8, mb1 3.1/10, mb1mx3.2/31, mbtmp4.0/10, Error ellipse: s-maj=31.6km s-min=12.0km az=147.0

ISC 11 23:59:39.0:7.1, 18:35:02-177:30W:0.1, h550km, n29, +128/33, mb3.6/9, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, containing station data.

ISC 11 23:59:39.0:7.1, 18:35:02-177:30W:0.1, h550km, n29, +128/33, mb3.6/9, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC, containing station data.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like ZEDA, DEMI, LEF, SZAC, DOGA, OSG, ERMK, STEP, ASGA, CSS, KONT, GULN, MVOU, KDHN, BAYC, HNTI, MMA0B, SLTI, GEM, KSDI, NATI, MMLI, AMAZ, KZIT, HMDT, YHIR, DSI, GHAI, ZFERI, HRFI, MBRI, EIL.

JMA 12 00:53:36.9, 0.2, 24.58N, 122.80E, h101km, 2km, M2.4
TAP 12 00:53:37.2, 24.59N, 122.82E, h101km, ML2.5, C
ISC 12 00:53:37.2, 1.6, 24.56N, 122.81E, 0.03,
h100km, 10km, n34, e057/61, Taiwan region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like JYNG, YOJ, YOJ, EOS1, IRIF, TWC, TIPB, HATJ, TWE, ENTT, JKRS, NACB, NACB, NDT, NWLT, NWLT, JIJ, JIJ, ET LH, ETLH, NNSB, NNSB, NNSH, NNSH, YHNB, YHNB, YHNB, NNS, NNS, NSK, NSK, JISG, JISG, WHF, WHF, TDCB, TDCB, CHGB, CHGB.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like CHGB, OWD, OWD, LIOB, LIOB, JTB, JTB, WVDT, WVDT, WHP, WHP, SSSLB, SSSLB, TYC, TYC, FULB, FULB, FULB, FULB, TWH, TWH.

CNRM 12 00:55:06.3, 1.2, 36.30N, 7.28W, h3km, 8km, Error ellipse:
s-maj=8.1km s-min=4.8km az=59.0
INMG 12 00:55:09.5, 1.7, 36.55N, 7.26W, h16km, 4km, ML1.9, Error
ellipse: s-maj=5.5km s-min=2.7km az=38.0
IGIL 12 00:55:09.7, 36.55N, 7.28W, h17km, ML1.7
MDD 12 00:55:09.8, 1.1, 36.50N, 7.29W, h30km, 25km, mbLg2, 1/12,
Error ellipse: s-maj=14.6km s-min=5.4km az=18.0,
PRXIMO

SFS 12 00:55:11.0, 36.49N, 7.28W, h42km, ML3.3, GOLFO DE
CADIZ
ISC 12 00:55:08.8, 1.2, 36.50N, 0.04, 7.26W, 0.03, h35km, n51,
i=160/86, 1C, Strait of Gibraltar

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like PBDV, PBDV, PBDV, PBDV, PBDV, PBDV, PVAO, PVAO, PVAO, PVAO, EGRO, EGRO, ESPR, ESPR, PCVE, PCVE, EMIN, EMIN, MORF, MORF, PFVI, PFVI, PFVI, PFVI, MESJ, MESJ, MESJ, MESJ, PTEO, PTEO, PTEO, PTEO, PBEJ, PBEJ, PBAR, PBAR, PNCL, PNCL, PNCL, PNCL, HORN, HORN, ECAB, ECAB, ECAB, ECAB, PESTR, PESTR, EGOR, EGOR, PMTG, PMTG, PMTG, PMTG, EADA, EADA, EADA, EADA, PMRV, PMRV, PMRV, PMRV, PMAFR, PMAFR, PMAFR, PMAFR, ELGU, ELGU, PTOM, PTOM, PTOM, PTOM, PSBE, PSBE, PSBE, PSBE.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like PCBR, PCBR, EQES, EQES, EPLA, EPLA, PCAS, PCAS, PAB, PAB, MTE, MTE, MD31, MD31, MD31, MD31, PVIS, PVIS, PVIS, PVIS, MDT, MDT, MDT, MDT, ETOB, ETOB, ETOB, ETOB, ELOB, ELOB, PGAV, PGAV.

IDC 12 01:12:25.6, 2.0, 7.07S, 155.16E, h0km, mb3.7/5,
mb1 3.9/6, mb1mx3.6/35, mbtmp3.7/6, ML3.7/1, Error
ellipse: s-maj=24.2km s-min=29.2km az=122.0
ISC 12 01:12:32.2, 1.5, 7.05S, 0.2, 155.02E, 0.2, h41km, n6, e054/7,
mb3.5/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like KRVT, KRVT, WRA, WRA, ASAR, ASAR, FITZ, FITZ, MKAR, MKAR, YKA, YKA.

NEIC 12 01:33:00.2, 1.9, 6.97S, 0.10, 155.30E, 0.10, h14km, 3km,
mb4.7/43, Error ellipse: s-maj=16.5km s-min=10.4km
az=224.0
IDC 12 01:33:08.4, 3.0, 7.12S, 155.19E, h2km, 25km, mb4.0/14,
mb1 4.2/17, mb1mx4.0/35, mbtmp4.1/17, Error ellipse:
s-maj=20.9km s-min=13.4km az=93.0
ISC 12 01:33:04.8, 0.5, 7.12S, 0.08, 155.38E, 0.07, h50km, n66,
e17/48, mb4.6/35, Bougainville-Solomon Islands
region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res, ISC. Includes stations like RABL, RABL, KRVT, KRVT, KRVT, KRVT, HNR, HNR, PMG, PMG, PMG, PMG, DZM, DZM, WR0, WR0, WB0, WB0, WB2, WB2, WRA, WRA, MSVF, MSVF, MSVF, MSVF, SIJI, SIJI, AS31, AS31, ASAR, ASAR, ASAR, ASAR, H11S3, H11S3, H11S2, H11S2, STKA, STKA, STKA, STKA, FITZ, FITZ, FITZ, FITZ, PETK, PETK, PETK, PETK, CM31, CM31, CMAR, CMAR, CMAR, CMAR, HHC, HHC, HHC, HHC, MA2, MA2, SONM, SONM, SONM, SONM, ANM, ANM, WMQ, WMQ, TRF, TRF, IMAR, IMAR, RND, RND, MLY, MLY, DHY, DHY, NEA, NEA, GLB, GLB, QSPA, QSPA, QSPA, QSPA, HDA, HDA, BALM, BALM, IL31, IL31.

12d 2h

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

NEIC 12 01:37:11.1 ± 1.3, 28.8S:0.1x179.0W:0.2, h30km, 5km, mb4.2/15, Error ellipse: s-maj=21.6km s-min=15.8km az=102.0

IDC 12 01:37:12.0 ± 0.9, 28.8S:178.88W, h312km, 9km, mb3.8/14, mb1.4/0.16, mb1mx3.9/3.1, mbtmp4.5/1.6, Error ellipse: s-maj=16.9km s-min=14.8km az=153.0

ISC 12 01:37:10.4 ± 0.5, 29.06S:105.178E:82W:0.08, h300km, n87, ±206/88, mb4.2/19, Kermadec Islands

Main table for 12d 2h section, listing various station codes and their associated data.

2014 APR

Table listing station codes and names for the 2014 APR section, including ARCES ARCESS ARR, FINES FINES ARR, etc.

IDC 12 01:39:08.4 ± 0.7, 171.25S:177.24W, h0km, mb4.6/2, mb1.4/9.2, mb1mx3.8/3.1, mbtmp4.6/2, Error ellipse: s-maj=338.2km s-min=46.1km az=144.0, Fiji Islands

Table listing station codes and names for the IDC 12 01:39:08.4 section.

IDC 12 01:40:54.9 ± 0.9, 6.98S:155.28E, h0km, mb4.1/9, mb1.4/3.9, mb1mx4.1/2.7, mbtmp4.0/9, MS3.4/1, ms1mx2.8/3.6, Error ellipse: s-maj=34.4km s-min=21.1km az=124.0

NEIC 12 01:40:58.9 ± 1.4, 7.00S:0.03x155.07E:0.09, h27km, 5km, mb4.5/16, Error ellipse: s-maj=12.8km s-min=3.4km az=81.0

ISC 12 01:41:00.7 ± 0.7, 105.15S:100.10E, h41km, n39, ±194/32, mb4.2/17.4, Bougainville-Solomon Islands region

Main table for 2014 APR section, listing various station codes and their associated data.

842

Table listing station codes and names for the 842 section, including WRA Warramunga Arr, SIJI Sorong, etc.

IDC 12 02:01:36.8 ± 2.7, 6.05S:129.81E, h131km, 39km, mb3.1/1, mb1.3/4.5, mb1mx3.1/3.4, mbtmp3.9/7.0, Error ellipse: s-maj=71.2km s-min=17.2km az=91.0, Banda Sea

Table listing station codes and names for the IDC 12 02:01:36.8 section.

IDC 12 02:03:23.8 ± 2.9, 7.81S:116.95E, h0km, mb3.7/3, mb1.4/0.4, mb1mx3.6/3.5, mbtmp3.8/4, ML4.1/1, Error ellipse: s-maj=356.8km s-min=22.8km az=52.0

DJA 12 02:03:30.1 ± 0.6, 9.54S:111.55E, h39km, 12km, M4.3/12, MLV4.2/12, MLV4.3/1

ISC 12 02:03:26.3 ± 0.9, 9.57S:0.08:111.55E:0.06, h35km, n14, ±313/16, mb3.8/3, South of Bali

Main table for 842 section, listing various station codes and their associated data.

IDC 12 02:13:52.8 ± 1.4, 19.35S:70.69W, h0km, mb3.7/4, mb1.4/1.7, mb1mx3.8/2.3, mbtmp3.9/7, ML3.9/3, MS3.2/6, Ms1.3/2.6, ms1mx2.9/2.9, Error ellipse: s-maj=34.6km s-min=22.8km az=51.0

GUC 12 02:13:56.7 ± 0.7, 19.50S:70.61W, h39km, 1km, ML3.9

VAO 12 02:13:58.5 ± 1.4, 19.45S:70.63W, h39km, 9km, mb4.0

ISC 12 02:13:56.6 ± 1.4, 19.45S:0.03x70.60W:0.06, h30km, 11km, n44, ±144/49, mb3.8/4, 40-8D, Near coast of northern Chile

Main table for 842 section, listing various station codes and their associated data.

12d 4h

Table with columns: TAM, MDT, CDFZ, BDFB, BDFB, ARF, TZRR, ZGR, OUZ, OUK, TTIG, MDP, DBIC. Includes station names, coordinates, and status.

DJA 12-04-01:56.5-1.0, 9.5S, 12x11E, h44km, 18km, M3.8/7, mb3.9/1, MLV3.8/7, South of Bali

ANF 12-04-12:51.1-0.9, 40.62N, 125.03W, h1km, ML3.0/12, Error ellipse: s-maj=8.1km s-min=3.9km az=55.0

NCEDC 12-04-12:51.2, 7.40, 44N, 10.06, 125.35W, 0.06, h25km, 8km, ML3.1/15, Error ellipse: s-maj=8.3km s-min=6.5km az=200.0

NEIC 12-04-12:50.4, 2.3, 40.42N, 0.05, 125.3W, 0.1, h18km, 13km, Error ellipse: s-maj=15.1km s-min=7.6km az=83.0, Off coast of northern California

Main table listing station names, coordinates, and status for various locations including Denpasar, Singaraja, Plampang, Ende, and many others.

2014 APR

Table with columns: J04D, BEKR, I02D, I04A, K05A, MOD, J05D, V04N, H04D, PNTR, PAHR, PINE, YERR, I05D, MDPB, CMH, I07A, J08A, J06A. Includes station names, coordinates, and status.

12C 12-04-15:43.4, 2.9, 5.91S, 154.45E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/3, mbtmp3.6/3, Error ellipse: s-maj=14.7km s-min=3.2km az=130.0

Table with columns: WRA, ASAR, ILAR. Includes station names, coordinates, and status.

12C 12-04-18:31.2, 1.8, 6.85S, 155.03E, h0km, mb4.0/5, mb1 4.2/6, mb1mx3.8/4, mbtmp4.0/6, ML3.7/1, MS2.9/1, Ms1 2.9/1, ms1mx2.5/2.8, Error ellipse: s-maj=44.9km s-min=28.4km az=107.0

12C 12-04-18:37.3, 1.6, 6.85S, 154.9E, 0.2, h41km, n7, c1944/6, mb3.9/5, Bougainville-Solomon Islands region

Table with columns: KRVT, HNR, WRA, ASAR, STKA, CMAR, YKA. Includes station names, coordinates, and status.

12C 12-04-23:23.9, 2.0, 16.63N, 93.34W, h0km, mb3.8/3, mb1 4.0/5, mb1mx3.7/4.0, mbtmp3.7/5, ML3.6/2, MS2.9/3, Ms1 2.9/3, ms1mx2.5/3.1, Error ellipse: s-maj=46.7km s-min=22.3km az=19.0

MEX 12-04-23:25.2, 1.0, 15.23N, 94.13W, h33km, 709km, MDA.2 NEIC 12-04-23:25.2, 1.0, 15.48N, 0.09, 93.97W, 0.08, h50km, 13km, mb4.1/20, Error ellipse: s-maj=15.5km s-min=8.0km az=213.0

12C 12-04-23:20.7, 2.5, 15.29N, 0.06, 94.19W, 0.03, h26km, 20km, n42, c1954/47, mb3.9/4, Near coast of Oaxaca

Main table listing station names, coordinates, and status for various locations including Keravat, Honiara, Warrungarra Arr, and many others.

846

IDC 12-04-30:32.4, 1.2, 6.95S, 155.17E, h0km, mb3.8/9, mb1 4.0/9, mb1mx3.8/2.7, mbtmp3.8/9, Error ellipse: s-maj=45.0km s-min=22.6km az=115.0

NEIC 12-04-30:37.8, 1.2, 6.93S, 0.08, 155.2E, 0.1, h35km, 2km, mb4.2/4, Error ellipse: s-maj=22.2km s-min=7.5km az=122.0

ISC 12-04-30:38.4, 1.0, 6.95S, 0.1, 155.2E, 0.2, h41km, n13, c1917/11, mb3.8/9, Bougainville-Solomon Islands region

Table with columns: RABL, WRA, ASAR, STKA, CMAR, SONM, IL31, ILAR, MKAR, MAW, YKA. Includes station names, coordinates, and status.

IDC 12-04-31:27.7, 1.9, 6.85S, 155.06E, h0km, mb3.9/6, mb1 4.2/6, mb1mx3.8/2.7, mbtmp3.9/6, MS3.4/1, Ms1 2.9/1, ms1mx2.6/3.0, Error ellipse: s-maj=71.8km s-min=27.9km az=131.0

ISC 12-04-31:33.6, 1.8, 6.95S, 0.3, 155.1E, 0.3, h41km, n7, c0969/6, mb3.9/6, Bougainville-Solomon Islands region

Table with columns: WRA, ASAR, JKH, CMAR, ILAR, MKAR, YKA. Includes station names, coordinates, and status.

IDC 12-04-38:22.7, 0.7, 6.80S, 155.02E, h0km, mb4.1/13, mb1 4.3/15, mb1mx4.2/3.5, mbtmp4.1/15, ML3.0/2, MS3.5/7, Ms1 3.5/7, ms1mx3.0/3.3, Error ellipse: s-maj=21.6km s-min=18.0km az=120.0

NEIC 12-04-38:27.4, 0.8, 6.95S, 0.1, 155.0E, 0.1, h31km, 5km, mb4.2/20, Error ellipse: s-maj=23.3km s-min=11.8km az=216.0

ISC 12-04-38:28.8, 0.5, 6.79S, 0.07, 155.04E, 0.07, h41km, n62, c1900/61, mb4.3/23, MS3.4/3, Bougainville-Solomon Islands region

Main table listing station names, coordinates, and status for various locations including Rabaul, Keravat, Honiara, Port Moresby, and many others.

1,100,000.0. Principal axes: T 1.7457, Plg69.0000, Azm19.0000; N 0.0976, Plg14.0000, Azm120.0000; P -1.8433, Plg21.0000, Azm122.0000;

ISC 12 05:24:27.3-0.4, 7.13S, 105.04E, 155.26E, 0.04, h48km, 3km, h47km; p-P, n981, c2016113, m5.4, 205, M56.0/458, 26C-23D, Bougainville-Solomon Islands region

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

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

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

12d 5h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like RC01, URV, PPLA, etc.

2014 APR

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like SHLS, PDGK, UZB, etc.

850

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like CMB, BEKR, RUBR, etc.

X16A	comp=Z,5um,21.0s	96.69	56	IAMs_20	IAMs_20	06	15	31.2	
WUJZ	Wupakri	96.82	55	IAMs_20	IAMs_20	06	14	01.6	
AWAT	Hardware Ranch	97.05	49	IAMs_20	IAMs_20	06	24	42.1	
TUC	Tucson	97.09	58	IAMs_20	IAMs_20	06	15	25.0	
AHID	Auburn Hatcher	97.46	48	IAMs_20	IAMs_20	06	19	43.7	
FXWY	Fox Creek	97.55	47	IAMs_20	IAMs_20	06	16	05.2	
TPAW	Teton Pass	97.60	47	IAMs_20	IAMs_20	06	15	56.5	
IMW	Indian Meadow	97.63	47	IAMs_20	IAMs_20	06	17	07.1	
REDW	Red Top Meadow	97.67	47	IAMs_20	IAMs_20	06	24	20.2	
SNOW	Snow King Moun	97.74	47	IAMs_20	IAMs_20	06	15	40.2	
FLWY	Flagg Ranch	97.81	47	IAMs_20	IAMs_20	06	17	32.9	
X18A	Snowflake	97.93	56	IAMs_20	IAMs_20	06	16	38.9	
W18A	Petrified Fore	98.14	56	IAMs_20	IAMs_20	06	16	39.4	
NVL	N'zarevskaya	98.50	192	eP	P			05 37 52.2	-8.1
NVL	comp=Z,5.0nm,0.5s			MLR	MLR				
EGMT	Eagleton	98.58	43	IAMs_20	IAMs_20	06	14	21.1	
PDAR	Pinedale Array	98.59	48	LR	LR			06 20 23.8	
PV05	Paradox Valley	98.78	53	IAMs_20	IAMs_20	06	17	36.0	
ABKAR	Abkulk array	98.82	319	P	P			05 37 58.0	-4.2
PV10	Paradox Valley	98.84	52	IAMs_20	IAMs_20	06	17	44.6	
PV14	Lion Creek, Pa	98.85	52	IAMs_20	IAMs_20	06	17	25.1	
RLMT	Red Lodge	98.86	46	IAMs_20	IAMs_20	06	21	58.7	
PV19	Morning Glory	98.88	52	IAMs_20	IAMs_20	06	17	35.8	
PV20	West Nyswonger	98.89	52	IAMs_20	IAMs_20	06	17	36.2	
PV21	Cone Mt, Par	98.90	52	IAMs_20	IAMs_20	06	18	06.2	
PV17	East Wray Mesa	98.90	52	IAMs_20	IAMs_20	06	17	45.3	
PV16	Nyswonger Mesa	98.93	52	IAMs_20	IAMs_20	06	17	28.2	
PV18	Skein Mesa, Pa	98.94	52	IAMs_20	IAMs_20	06	17	27.3	
PV11	David Mesa, Pa	98.97	52	IAMs_20	IAMs_20	06	17	58.1	
PV03	Paradox Valley	98.98	52	IAMs_20	IAMs_20	06	17	38.6	
PV13	Radium Mtn., P	99.00	53	IAMs_20	IAMs_20	06	17	49.1	
PV07	Paradox Valley	99.15	52	IAMs_20	IAMs_20	06	18	04.0	
PV01	Paradox Valley	99.20	53	IAMs_20	IAMs_20	06	17	36.3	
MVCO	Mesa Verde	99.23	54	IAMs_20	IAMs_20	06	17	14.1	
PV15	Paradox Valley	99.28	52	IAMs_20	IAMs_20	06	17	58.3	
O20A	White River C1	99.51	51	IAMs_20	IAMs_20	06	16	59.3	
ARU	Arti	99.60	326	d/P	Pdfif			05 38 05.0	-0.5
ARU	comp=Z,11nm,2.1s			S	SKSac			05 48 40.6	+0.6
ARU				SP	SP			05 50 58.3	-3.5
ARU				SS	SS			05 56 25.2	-1.2
ARU				pmx	pmx				
ARU				MLR	MLR				
121A	Cookes Peak, D	99.64	58	IAMs_20	IAMs_20	06	14	12.4	
GEYT	Alibeck	99.97	307	LR	LR			06 24 56.0	
SNA4	Sanae	100.04	187	IAMs_20	IAMs_20	06	22	25.9	
RWWY	Rawlins	100.31	49	IAMs_20	IAMs_20	06	19	38.5	
Y22D	IRIS PASSCAL I	100.42	57	IAMs_20	IAMs_20	06	21	28.8	
SMCO	Snowmass	100.47	52	IAMs_20	IAMs_20	06	15	55.9	
ANMO	Albuquerque	100.82	56	IAMs_20	IAMs_20	06	18	43.4	
K22A	Casper	100.83	48	IAMs_20	IAMs_20	06	20	08.9	
LAO	LASA Array	100.98	44	IAMs_20	IAMs_20	06	17	10.8	
VNA2	Neumayer-Watz	101.25	186	P	Pdfif			05 38 13.6	+1.0
ISCO	Idaho Springs	101.53	51	IAMs_20	IAMs_20	06	25	25.8	
SDCO	Great Sand Dun	101.62	53	IAMs_20	IAMs_20	06	18	57.4	
PHWY	Pilot Hill	101.63	49	IAMs_20	IAMs_20	06	17	58.4	
RES	Resolute Bay	102.03	15	P	Pdfif			05 38 15.3	-0.5
RES	Resolute Bay	102.03	15	P	Pdfif			05 38 15.6	-0.3
RES	Resolute Bay	102.03	15	IAMs_20	IAMs_20	06	25	20.1	
DGMT	Dagmar	102.29	42	IAMs_20	IAMs_20	06	18	27.1	
RSSD	Black Hills	102.61	46	IAMs_20	IAMs_20	06	20	07.9	
TXAR	Lajas Array	103.09	62	PKKP				05 54 24.4	
KSCO	Kaye Shedlock	103.86	52	IAMs_20	IAMs_20	06	20	22.5	
MSTX	Muleshoe	103.86	57	IAMs_20	IAMs_20	06	23	03.0	
OGNE	Ogallala	104.23	50	IAMs_20	IAMs_20	06	22	05.2	
AMTX	Amarillo	104.74	56	IAMs_20	IAMs_20	06	20	34.3	
E28A	Huff	104.80	44	IAMs_20	IAMs_20	06	19	41.6	
MDND	Maddock	105.41	42	IAMs_20	IAMs_20	06	20	45.6	
KBS	Kingsay	105.95	353	IAMs_20	IAMs_20	06	27	55.5	
CBKS	Cedar Bluff	106.12	52	IAMs_20	IAMs_20	06	22	49.3	
SUSD	Miller	106.22	46	IAMs_20	IAMs_20	06	22	32.5	
JCT	Junction City	106.44	60	IAMs_20	IAMs_20	06	20	31.7	
K31A	O'Neil	106.55	48	IAMs_20	IAMs_20	06	35	51.4	
U32A	Winter Ranch,	106.86	54	IAMs_20	IAMs_20	06	23	00.2	
R32A	Long Quarter,	106.95	52	IAMs_20	IAMs_20	06	23	34.3	
BGNE	Belgrade	107.12	49	IAMs_20	IAMs_20	06	27	51.5	
WMOK	Wichita Mounta	107.13	56	IAMs_20	IAMs_20	06	24	13.6	
D32A	Dogwood Acres,	107.23	43	IAMs_20	IAMs_20	06	22	41.1	
N33A	J Bar K, Exete	107.71	50	IAMs_20	IAMs_20	06	21	39.3	
MAK	Makchackkalia	107.81	313	eP	Pdfif			05 38 35.8	-6.5
MAK				e	e			05 43 08.9	
MAK				ePPP	PPP			05 45 24.6	
MAK				ePS	PS			05 49 23.0	
MAK				pmx	pmx			05 52 33.5	-1.5
AGMN	Agassiz Nation	107.83	42	IAMs_20	IAMs_20	06	25	53.6	
F33A	5 Mile Ranch,	107.92	44	IAMs_20	IAMs_20	06	28	46.2	
X34A	Smith Ranch, M	107.92	56	IAMs_20	IAMs_20	06	22	48.5	
ECSD	EROS Data Cent	107.98	46	IAMs_20	IAMs_20	06	21	57.1	

OKCFA	Oklahoma City	108.18	55	IAMs_20	IAMs_20	06	24	18.2	
APA	Apattiy	108.35	340	i/P	Pdfif			05 38 37.8	-6.3
L34A	Svendsen Farm,	108.38	48	IAMs_20	IAMs_20	06	34	05.8	
KSU1	Kansas State U	108.52	51	IAMs_20	IAMs_20	06	24	08.0	
KLMR	Klimovskoe	108.57	332	eP	Pdfif			05 38 41.1	-4.1
KLMR	comp=Z,39nm,2.0s			pmx	pmx				
KLMR	Klimovskoe	108.57	332	eP	Pdfif			05 38 41.2	-4.0
KLMR	comp=Z,39nm,2.0s			AMP	AMP			05 38 45.7	
KLMR				PP	PP			05 43 10.3	-5.9
KLMR				PP	PKKPab			05 54 08.9	-4.5
KLMR				LQ	LQ			06 14 08.6	
KLMR				LQ	LQ			06 14 08.6	
KLMR				LR	LR			06 20 08.8	
KLMR				AMP	AMP			06 31 55.2	
T35A	Sooner Cattle	108.81	54	IAMs_20	IAMs_20	06	24	40.9	
N35A	Tabor	109.06	49	IAMs_20	IAMs_20	06	23	22.0	
ARCES	ARCESS Array B	109.79	343	PKKP	PKKP			05 42 50.7	-1.9
ARCES	ARCESS Array B	109.79	343	1.5,SNR=2.0	PKKP			05 42 50.0	-2.7
X37A	Clayton	109.95	56	IAMs_20	IAMs_20	06	23	14.1	
I37A	Lemond, Waseca	110.23	46	IAMs_20	IAMs_20	06	23	02.7	
SPMN	Marine on St.	110.44	44	IAMs_20	IAMs_20	06	31	30.9	
US3A	Gravette	110.56	54	IAMs_20	IAMs_20	06	26	03.2	
SCIA	State Center	110.72	48	IAMs_20	IAMs_20	06	34	45.8	
EYMN	Ely	110.77	41	IAMs_20	IAMs_20	06	22	58.3	
N38A	Joess South For	110.88	49	IAMs_20	IAMs_20	06	22	40.1	
K38A	Parkersburg	110.92	47	IAMs_20	IAMs_20	06	22	36.0	
HHAR	Hobbs	110.94	54	IAMs_20	IAMs_20	06	26	14.1	
E38A	The Farm, Brul	111.02	43	IAMs_20	IAMs_20	06	25	68.1	
KIV	Kislovodsk	111.13	314	i	PKKP			05 42 55.4	-0.6
KIV				e	e			05 43 33.3	
KIV				ePS	PS			05 53 06.3	-1.3
KIV				eSS	SS			05 59 05.0	+0.5
KIV				pmx	pmx				
KIV				MLR	MLR				
W39A	Magazine	111.19	55	IAMs_20	IAMs_20	06	22	49.8	
M39A	Mount	111.42	56	IAMs_20	IAMs_20	06	23	16.3	
WLAR	White Oak Lake	111.90	57	IAMs_20	IAMs_20	06	26	14.9	
OBN	Obninsk	112.00	327	eP	Pdfif			05 39 13.1	+1.2
OBN				i	i			05 42 57.3	
OBN				e	e			05 43 49.9	
OBN				ePS	PS			05 49 57.6	
OBN				eSS	SS			05 53 08.4	0.0
OBN				i	i			05 59 20.3	+7.9
OBN				pmx	pmx			06 03 20.0	
OBN				pmx	pmx				
OBN				MLR	MLR				
X40A	Basin Creek Fa	112.04	56	IAMs_20	IAMs_20	06	23	09.5	
L40A	Anamosa	112.16	47	IAMs_20	IAMs_20	06	24	39.7	
G40A	Rib Lake	112.23	44	IAMs_20	IAMs_20	06	31	54.3	
WHAR	Woolly Hollow	112.39	55	IAMs_20	IAMs_20	06	26	58.7	
UALR	University of	112.41	55	IAMs_20	IAMs_20	06	26	03.3	
FCAR	Ozark Folk Cen	112.44	54	IAMs_20	IAMs_20	06	27	19.1	
N41A	Harden Midland	112.68	49	IAMs_20	IAMs_20	06	24	34.6	
JFWS	Jewell Farm	112.70	46	IAMs_20	IAMs_20	06	28	03.9	
COWI	Conover	112.76	43	IAMs_20	IAMs_20	06	25	50.3	
D41A	Chassel	112.91	42	IAMs_20	IAMs_20	06	22	57.0	
CCAR	Cane Creek	112.98	56	IAMs_20	IAMs_20	06	23	37.5	
T42A	Van Buren	113.11	53	IAMs_20	IAMs_20	06	25	26.4	
LCAR	Lake Charles	113.20	54	IAMs_20	IAMs_20	06	28	36.8	
L42A	Oliver, Polo	113.30	47	IAMs_20	IAMs_20	06	24	41.1	
SOC	Sochi	113.31	314	i	PKKP			05 42 57.9	-2.2
SOC				e	e			05 43 43.0	
SOC				ePS	PS			05 49 36.5	
SOC				eSS	SS			05 53 21.0	-0.2
SOC				MLR	MLR			05 59 26.8	-6.5
F42A	Maple Grove Fa	113.52	43	IAMs_20	IAMs_20	06	28</		

Table with columns: USRK, Ussuriysk Ar., 55.34 340 P, 05 39 05.7 -1.9, etc. Includes stations like Ussuriysk Ar., Guiyang, Sadao Pong, etc.

Table with columns: HDA, Harding Lake, 83.13 22 P, 05 41 59.2 +0.1, etc. Includes stations like Harding Lake, Harding Lake, MCARA, etc.

Table with columns: mb1 3.7/7, mb1mx3.5/55, mblt3.4/7, ML3.3/6, Error ellipse, etc. Includes station information for Oklahoma City, etc.

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

NEIC 12 06:06:05.0-1.6, 7.06S:0-10:154.8E:0.1, h35km,2km, mb4.7/31, Error ellipse: s-maj=18.4km s-min=16.5km az=99.0

IDC 12 06:06:05.7-2.9, 7.12S:154.80E, h48km,25km, mb4.0/13, mb1.4/2/16, mb1mx4.0/40, mbtmp4.2/16, ML2.5/2, Error ellipse: s-maj=23.3km s-min=14.2km az=93.0

ISC 12 06:06:05.5-0.6, 7.07S:0-107.154.83E:0.08, h41km, n56, c0587/53, mb4.6/30, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and other technical details for stations in the Bougainville-Solomon Islands region.

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

IDC 12 06:07:18.2-2.3, 6.52S:154.57E, h0km, mb3.9/3, mb1.4/1/3, mb1mx3.6/38, mbtmp3.8/3, Error ellipse: s-maj=174.6km s-min=33.8km az=134.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and other technical details for stations in the Bougainville-Solomon Islands region.

IDC 12 06:08:11.0-2.0, 7.08S:155.41E, h0km, mb3.8/6, mb1.4/0/6, mb1mx3.7/37, mbtmp3.7/6, Error ellipse: s-maj=76.0km s-min=29.6km az=132.0

ISC 12 06:08:18.0-1.8, 7.25S:0-104.155.4E:0.3, h50km, n9, c0561/6, mb3.6/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and other technical details for stations in the Bougainville-Solomon Islands region.

NEIC 12 06:15:32.4-2.1, 7.15S:0-108:155.20E:0.07, h10km, 1km, mb5.3/141, Error ellipse: s-maj=13.9km s-min=11.0km az=34.0

DJA 12 06:15:33.6-1.7, 7.54S:15.5E, h13km, 12km, M5.3/31, mb5.2/31, mb5.8/12, Mw(mb)5.4/12

MOS 12 06:15:35.0-0.9, 7.05S:155.10E, h33km, mb5.2/31, Error ellipse: s-maj=9.1km s-min=7.6km az=113.9

IDC 12 06:15:36.8-2.0, 7.16S:155.17E, h41km, 17km, mb4.5/28, mb1.4/6/32, mb1mx4.1/61, mbtmp4.7/32, ML3.8/4, MS4.6/10, M5.1/4.7/10, ms1mx4.3/33, Error ellipse: s-maj=14.1km s-min=9.6km az=66.0

GCMT 12 06:15:37.4-0.2, 7.38S:0-102:155.10E:0.02, h21km, MW5.4/112, Moment Tensor Solution. s65,c80; s112,c172; Duration: 1s2 Moment tensor: Scale 10^17 Nm; Mn: 1.16e-05; Mxx: 0.63e-03; Myy: 0.53e-03; Mzz: 0.56e-05; Mxy: 0.49e-02; Myz: 0.61e-05; Best double couple: Mb1.39100x10^17; N1P2: 135.00000; 327.00000; 1.85.00000; N1P2: 135.00000; 327.00000; 1.85.00000; Principal axes: T: 1.4350, Plg2.0000; Azm51.0000; N: -0.0910, Plg2.0000; Azm314.0000; P: -1.3470, Plg18.0000; Azm224.0000; nsta1 refers to body waves, cutoff=400s. nsta2 refers to surface waves, cutoff=50s.

ISC 12 06:15:37.1-0.3, 7.17S:0-105:155.21E:0.05, h41km, n317, c1921/269, mb5.2/128, MS4.7/14, 16C-2D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Modulation, and other technical details for stations in the Bougainville-Solomon Islands region.

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

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like XAN, PEAOB, PETK, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like DMN, GKN, KDKA, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like VCNR, PNTR, WAKR, etc.

NEIC 12 06:22:16.0 t. 1.9 6.66S:0.08:154.93E:0.08:h35km:1km, mb4.8/75. Error ellipse: s-maj=15.4km s-min=11.4km az=216.0

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like LBRS Las Brisas, LALI Alcaldia de L, and various other local stations.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like V53A Saluda, V52A Sevierville, and various other stations in the region.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like PAHR Pah Rah Range, BEKR Beckworth, and various other stations in the region.

2014 APR

IDC 12 08:51:59.4t 1.3, 6:96S; 155:13E, h0km, mb3.777, mb1 4.0/9, mb1mx3.7/43, mbttmp3.8/9, ML 1.71, Error ellipse: s-maj=32.7km s-min=22.4km az=117.0

ISC 12 08:52:05.2t 1.1, 6:95O; 1:155:2E, 0.1, h41km, n9, r176/11, mb3.5/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for Bougainville-Solomon Islands region.

IDC 12 08:54:04.2t 1.1, 7:33S; 155:38E, h0km, mb4.2/11, mb1 4.4/12, mb1mx4.1/37, mbttmp4.2/12, ML4.0/1, MS3.6/9, Ms1 3.6/9, ms1mx3.3/31, Error ellipse: s-maj=39.8km s-min=18.0km az=121.0

NEIC 12 08:54:05.2t 2.2, 7:45O; 1:155:36E, 0.03, h10km, 1km, mb4.7/23, Error ellipse: s-maj=20.8km s-min=4.5km az=181.0

ISC 12 08:54:09.2t 0.5, 7:32S; 0:10; 155:35E, 0.09, h29km, n56, r153/51, mb4.5/23, MS3.6/5, 1C-13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for Bougainville-Solomon Islands region.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB01 IPOC Station P, PB11 IPOC Station P, PB11 comp=N, 16um, 0.3s, PB07 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MKAR Makanchi Array, ASAR Alice Springs, IDC 12 09:29:44.4+1.0, 18.07N:0.04+121:11E, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR comp=Z, 0.4nm, 0.5s, ASAR comp=Z, 0.3nm, 0.8s, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KEA 12 09:21:59.7-0.0, 40.38N:123.58E, h0km, ML2.4/2, Northeastern China.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NEIC 12 09:42:38.5+1.7, 7.43S:0.08+155:25E, h10km, 1km, mb4.758, Error ellipse: s-maj=14.9km s-min=11.2km.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SML Sawmill, IMAR Indian Mountain, RND Reindeer, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SUJ Sinuiju, PYG Pyongsong, PYG Pyongyang, HJAU Haeju, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WR0 Warramunga Arr, WR0 comp=Z, 38nm, 1.2s, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EGAK Eagle, EGAK comp=Z, 5.1nm, 0.9s, BMAR Burnt Mountain, etc.

Table with columns: YKA, PDAR, PDAR, PDAR, SUR, GERS, GERS, LPZ, LPZ, BDFB, BDFB. Includes station names, frequencies, and various codes.

IDC 12 09:50:35.1±1.1, 34.76N:69.59E, h0km, mb3.8/10, mb1 3.9/15, mb1mx3.7/58, mtbmp3.9/15, ML3.8/5, MS3.3/2, Ms1 3.3/2, ms1mx2.6/41, Error ellipse: s-maj=23.9km s-min=18.5km az=47.0

NEIC 12 09:50:39.3±1.6, 34.73N:0.08±69.53E:0.05, h27km±5km, mb4.0/11.1, Error ellipse: s-maj=11.2km s-min=6.0km az=168.0

NNC 12 09:50:41.3±1.0, 34.68N:69.61E, h74km±115km, mb3.9, mpv4.2 Error ellipse: s-maj=98.0km s-min=72.0km az=144.0

ISC 12 09:50:38.1±0.6, 34.65N:0.06±69.64E:0.05, h24km, n69, s167/75, mb3.9/14, 3C-1D, Southeastern Afghanistan

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations like Kabul, Niwore, Chuyangaron, etc.

ASAR Alice Springs 84.12 124 P P 10 03 08.2 +1.0
ASAR Alice Springs 84.12 124 P P 10 03 08.8 +1.6
MAN 12 10:03:43.2, 14.91N:119.91E, h44km, mb5.1, ML4.0, MS4.1
MAN Intensity II - Quezon City
DJA 12 10:03:43.3±1.9, 15°N:3.12°E, h29km±16km, MS,2/7, mb4.7/7, mb5.3/3, MLV5.5/1, Mw(MB)4.8/3

IDC 12 10:03:47.8±0.8, 14.80N:120.28E, h102km, 7km, mb3.8/18, mb1 4.0/19, mb1mx3.8/44, mtbmp4.2/19, MS3.2/14, Ms1 3.2/14, ms1mx3.0/45, Error ellipse: s-maj=20.7km s-min=11.4km az=79.0
NEIC 12 10:03:48.3±1.6, 14.80N:0.06±120.32E:0.06, h101km, 7km, mb4.6/38, Error ellipse: s-maj=10.6km s-min=5.8km az=46.0

ISC 12 10:03:44.2±0.9, 14.84N:0.03±119.92E:0.05, h62km±6km, n114, 195/1116, mb4.5/35, 3C-3D, Luzon

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations like Santa Cruz, Labang, TGY, etc.

ZALV Zalesovo Beam 47.70 333 P P 10 12 16.0 +1.5
PETK Petropavlovsk 48.40 30 P P 10 12 18.1 -1.9
PETK comp=2.3, 3nm, 0.8s, bazz=212, slow=5.1, SNR=2.5
PETK comp=2.22nm, 18.4s, bazz=241, slow=38
PETK Petropavlovsk 48.40 30 P P 10 12 19.6 -0.4

IDC 12 10:14:51.2±9.8, 8.60N:92.22E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.4/32, mtbmp3.7/4, ML4.1/1, Error ellipse: s-maj=200.1km s-min=68.0km az=150.0, Nicobar Islands region

IDC 12 10:15:14.0±1.4, 0.42N:92.36E, h0km, mb3.6/6, mb1 3.8/9, mb1mx3.6/32, mtbmp3.6/9, ML3.8/3, Error ellipse: s-maj=214.5km s-min=21.4km az=49.0

ISC 12 10:15:20.3±1.2, 0.60N:0.92±6E:0.1, h35km, n13, s08/110, mb3.6/4, Off west coast of northern Sumatra

IDC 12 10:17:05.3±1.0, 17.40N:101.83±7W, h0km, n12, s28/112, mb3.6/4, North of Honduras

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations like Tiksi, Norilsk, AKbulak, etc.

12d 13:36:57.0-1.9,7.22S:154.98E,h0km,mb3.7/5,
mb1 3.9/6,mb1mx3.7/27,mbtmp3.7/6,ML3.9/1,MS2.9/1,
Ms1 2.8/1,ms1mx2.2/25,Error ellipse: s-maj=48.2km
s-min=28.9km az=119.0
ISC 12 13:37:04.1±1.4,7.15S:0.2±154.7E,0.2,h41km,n7,r19817,
mb3.6/5,Bougainville-Solomon Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
KRVT	Keravat (AS076)	3.83 316	Op Pn	13 38 00.1	-0.4		
KRVT		7.6nm,0.3s,baz=130,slow=4.0,SNR=7.1	Sn	13 38 43.6	-0.8		
WRA	Warramunga Arr	23.55 235	P	13 42 09.4	-1.6		
ASAR	Alice Springs	25.92 228	P	13 42 31.9	-0.7		
STKA	Stephens Creek	27.55 205	LR	13 53 16.2			
CMAR	Chiang Mai Arr	60.56 296	P	13 47 13.7	+2.7		
MKAR	Makanchi Array	83.27 319	P	13 49 27.1	+0.5		
YKA	Yellowknife Arr	96.53 28	P	13 50 27.9	-1.2		

12d 13:45:11.4±1.2,19.52S:70.72W,h0km,mb3.9/4,
mb1 4.1/6,mb1mx3.7/39,mbtmp4.0/6,ML3.8/2,MS3.1/2,
Ms1 3.1/2,ms1mx2.8/26,Error ellipse: s-maj=37.8km
s-min=16.6km az=72.0
NEIC 12 13:45:13.0±0.7,19.69S:70.98W,h38km,2km,ML4.0
GUC 12 13:45:13.0±0.7,19.69S:70.98W,h38km,2km,ML4.0
ISC 12 13:45:11.6±1.1,19.70S:0.03±71.00W,0.06,h13km±10km,
n43,r1931/53,mb3.1/3,8C-4D,Near coast of northern Chile

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
PSGC	Pisagua	0.83 83	Op Pn	13 45 27.9	+0.2		
PSGC		1.35 39.6	Sb	13 45 36.0	+0.4		
PSGC	Pisagua	0.83 83	Op Pn	13 45 28.0	+0.3		
PSGC		1.35 40.3	Sb	13 45 40.3	+1.2		
TA01	Diego Aracena	1.16 139	Op Pn	13 45 43.2	+0.1		
TA01		1.35 48.4	Sb	13 45 48.4	+0.1		
TA01		1.35 53.5	Sb	13 45 53.5			
PB12	IPOC Station P	1.25 31	Op Pn	13 45 35.2	+0.3		
PB12		1.35 51.2	Sb	13 45 51.2	0.0		
PB12		1.35 55.3	Sb	13 45 55.3			
PB12	IPOC Station P	1.25 31	Op Pn	13 45 35.1	+0.3		
PB12		1.35 53.0	Sb	13 45 53.0	+1.0		
PB11	IPOC Station P	1.27 93	Op Pn	13 45 35.2	+0.1		
PB11		1.35 52.1	Sb	13 45 52.1	0.0		
PB11		1.35 54.3	Sb	13 45 54.3			
PB11	IPOC Station P	1.27 93	Op Pn	13 45 35.4	+0.2		
PB11		1.35 56.7	Sb	13 45 56.7	+0.1		
PATCX	Punta Patache	1.37 145	Op Pn	13 45 36.7	+0.1		
PATCX		1.35 45.5	Sb	13 45 45.5	+0.8		
PATCX		1.36 04.1	Sb	13 46 04.1			

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
PATCX	Punta Patache	1.37 145	Op Pn	13 45 36.8	+0.3		
MNMC	Minye Minye	1.44 67	Op Pn	13 45 38.4	+0.7		
MNMC		1.35 57.6	Sb	13 45 57.6	+0.8		
MNMC	Minye Minye	1.44 67	Op Pn	13 45 38.4	+0.7		
AP01	Chacalluta	1.46 25	Op Pn	13 45 38.2	+0.5		
AP01		1.35 56.7	Sb	13 45 56.7	0.0		
AP01		1.35 59.3	Sb	13 45 59.3			
GO01	Chusmiza	1.70 89	Op Pn	13 45 42.5	+1.1		
GO01		1.35 46.7	Sb	13 45 46.7	+0.2		
GO01	Chusmiza	1.70 89	Op Pn	13 45 42.5	+1.1		
GO01		1.35 43.5	Sb	13 45 43.5	+1.0		
GO01		1.35 46.9	Sb	13 45 46.9	+0.1		
GO01		1.36 10.4	Sb	13 46 10.4			

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
GO01	Chusmiza	1.70 89	Op Pn	13 45 42.5	+1.1		
GO01		1.35 46.7	Sb	13 45 46.7	+0.2		
GO01	Chusmiza	1.70 89	Op Pn	13 45 42.5	+1.1		
GO01		1.35 43.5	Sb	13 45 43.5	+1.0		
GO01		1.35 46.9	Sb	13 45 46.9	+0.1		
GO01		1.36 10.4	Sb	13 46 10.4			

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
GO01	Chusmiza	1.70 89	Op Pn	13 45 42.5	+1.1		
GO01		1.35 46.7	Sb	13 45 46.7	+0.2		
GO01	Chusmiza	1.70 89	Op Pn	13 45 42.5	+1.1		
GO01		1.35 43.5	Sb	13 45 43.5	+1.0		
GO01		1.35 46.9	Sb	13 45 46.9	+0.1		
GO01		1.36 10.4	Sb	13 46 10.4			

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
GO01	Chusmiza	1.70 89	Op Pn	13 45 42.5	+1.1		
GO01		1.35 46.7	Sb	13 45 46.7	+0.2		
GO01	Chusmiza	1.70 89	Op Pn	13 45 42.5	+1.1		
GO01		1.35 43.5	Sb	13 45 43.5	+1.0		
GO01		1.35 46.9	Sb	13 45 46.9	+0.1		
GO01		1.36 10.4	Sb	13 46 10.4			

INET 12 13:59:37.8,11.14N:86.70W,h128km,ML4.2,Near coast of Nicaragua
NEIC 12 14:01:38.0±1.1,20.22S:0.04±71.17W,0.09,h10km,9km,
mb4.0/3,Error ellipse: s-maj=12.0km s-min=5.4km
az=92.0
ISC 12 14:01:38.9±1.5,20.27S:71.31W,h0km,mb3.8/2,
mb1 4.0/4,mb1mx3.6/30,mbtmp3.8/4,ML3.6/2,Error
ellipse: s-maj=42.9km s-min=25.1km az=93.0
GUC 12 14:01:40.5±0.8,20.20S:71.07W,h42km,2km,ML3.4
ISC 12 14:01:40.5±0.8,20.20S:71.07W,h42km,2km,ML3.4
n38,r1928/53,mb3.3/3,10C-1D,Off coast of northern Chile

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
TA01	Diego Aracena	0.93 111	Op Pn	14 01 57.5	-0.3		
TA01		1.40 10.1	Sb	14 02 10.1	-0.2		

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
TA01		1.40 10.1	Sb	14 02 10.1	-0.2		
PATCX	Punta Patache	1.07 124	Op Pn	14 01 59.7	-0.1		
PATCX		1.42 16.4	Sb	14 02 16.4	+0.2		
PATCX	Punta Patache	1.07 124	Op Pn	14 01 59.0	-0.9		
PATCX		1.42 14.4	Sb	14 02 14.4	+0.5		
PSGC	Pisagua	1.12 56	Op Pn	14 01 59.6	-0.9		
PSGC		1.42 14.8	Sb	14 02 14.8	-0.3		
PSGC		1.42 23.2	Sb	14 02 23.2			
PSGCX	Pisagua	1.12 56	Op Pn	14 01 59.2	-1.3		
PSGCX		1.42 15.1	Sb	14 02 15.1	0.0		
PB11	IPOC Station P	1.44 71	Op Pn	14 02 05.0	-0.1		
PB11		1.42 30.3	Sb	14 02 30.3			
PB02	IPOC Station P	1.56 134	Op Pn	14 02 07.1	+0.3		
PB02		1.42 37.7	Sb	14 02 37.7	+0.3		
PB01	IPOC Station P	1.72 118	Op Pn	14 02 09.3	+0.5		
PB01		1.42 38.4	Sb	14 02 38.4	+4.3		
PB12	IPOC Station P	1.77 25	Op Pn	14 02 09.0	-0.5		
PB12		1.42 43.2	Sb	14 02 43.2			
PB08	IPOC Station P	1.83 88	Op Pn	14 02 11.2	+0.6		
PB08		1.42 34.8	Sb	14 02 34.8	+1.6		
PB07	IPOC Station P	1.87 143	Op Pn	14 02 11.9	+0.2		
PB07		1.42 34.3	Sb	14 02 34.3	+0.4		
PB07		1.42 44.3	Sb	14 02 44.3			
PB07	IPOC Station P	1.87 143	Op Pn	14 02 11.2	+0.2		
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		
GO01		1.42 43.2	Sb	14 02 43.2			
GO01	Chusmiza	1.88 73	Op Pn	14 02 11.8	+0.4		

12d 15h

JMA 12 15:19:08.3,0.2,37.82N;142.58E,h43km,4km,M4.2
JMA Felt 1 J1
NEIC 12 15:19:14.7,2.3,36.9N;0.2,142.44E;0.08,h30km,9km,
mb4.6/6,Error ellipse: s-maj=23.1km s-min=9.2km
az=179.0

ISC 12 15:19:04.1,1.8,37.81N;0.04,142.78E;0.04,h6km,11km,
n91,c205/89,mb4.2,3,5C,4D,Off east coast of
Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics.

2014 APR

Main table of seismic events with columns: BILL, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes event details like JAZZART, ZALVO, CHIANG MAI, etc.

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Table of seismic events: PMG Port Moresby, WRA Warramunga Arr, SIJI Sorong, ASAR Alice Springs, CMAR Chiang Mai Arr, SONM Songino Array, ILAR Eielson Array, MKAR Makanchi Array, YKA Yellowknife Arr.

UCR 12 15:31:18.7,0.8,12.44N;87.90W,h28km,3km,ML3.7
INET 12 15:31:19.2,12.51N;87.74W,h61km,MD3.3,ML3.9
SNET 12 15:31:18.5,0.7,12.44N;87.89W,h29km,3km,ML3.7

Table of seismic events: CNCH Conchagua, LCND La Caada, JUCU Jucuarjn, JUCU Jucuarjn, JUCU Bellamira, BLLM Bellamira, PACA Pacayal, PACA Pacayal, TECA Tecapa, COEB Comit de Eme, COEB Comit de Eme, FAGO Alcalda de S, FAGO Alcalda de S, FAGO Universidad de IUESV, COEG Centro de Oper, COEG Centro de Oper, LFRS El Faro, LOMA Loma Larga, LOMA Loma Larga.

IDC 12 15:44:49.0,6.7,12.5;155.14E,h0km,mb4.5/8,
mb1.4/6.2,mb1mx4.5/34,mbtmp4.5/21,ML3.2/3,Error
ellipse: s-maj=17.8km s-min=13.9km az=120.0
NEIC 12 15:44:51.4,1.7,17.6S;0.09,155.19E;0.08,h10km,1km,
mb5.0/38,Error ellipse: s-maj=16.0km s-min=12.1km
az=208.0

ISC 12 15:44:56.1,0.4,7.21S;0.06,155.11E;0.06,h41km,n90,
c128/90,mb4.8/37,1C,Bougainville-Solomon Islands
region

Table of seismic events: RABL Rabaul, KRVT Keravat (AS076), KRVT Keravat, HNR Honiara, HNR Honiara, HNR Port Moresby, PMG Port Moresby, PMG Port Moresby, CTA Charters Tower, DZM Mont Dzumak, EIDS Warramunga Arr, WRO Warramunga Arr, WB0 Warramunga Arr, WB0 Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, SIJI Sorong, SIJI Sorong, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FORF Forrest, FORF Forrest, PSAA0 Pilbara Seismi, PSAA0 Pilbara Seismi, NWA0 Narrogin (SRO), NWA0 Narrogin (SRO), KSM Kuching, KSM Kuching, RAR Rarotonga, RAR Rarotonga, RAR Rarotonga, RAR Rarotonga, WHN Wuhuan, WHN Wuhuan, USRK USSuriysk Arr, USRK USSuriysk Arr, XAN Xi'an, XAN Xi'an, XAN Xi'an, XAN Xi'an, PEAOB Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk.

Table with columns: Code, Station Name, Az, El, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, GTA Gaotai, SONM Songoing Array, etc.

BUJ 12 15:46:25.0, 6.7, 20S, 155.00E, h15km, mb5, 1/27, mb4.8/35, Ms5.1/10, Ms7.4/8/10
IDC 12 15:46:25.0, 6.7, 11S, 155.01E, h0km, mb4.5/17, mb1.4/7/19, mb1mx4.6/34, bmtmp4.5/19, ML4.0/2, MS4.1/5, Ms1.4/1/5, ms1mx3.5/51, Error ellipse: s-maj=1.9, 2km s-min=1.5, 3km az=96.0
NEIC 12 15:46:27.1, 5.7, 13S, 0.09, 154.86E, 0.10, h15km, 5km, mb4.9/45, Error ellipse: s-maj=18.5km s-min=4.0km

Table with columns: Code, Station Name, Az, El, Time, Res, ISC. Includes stations like KRVT Keravat, KRVT 17nm, HNR Honiara, etc.

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

BUJ 12 15:46:25.0, 6.7, 20S, 155.00E, h15km, mb5, 1/27, mb4.8/35, Ms5.1/10, Ms7.4/8/10
IDC 12 15:46:25.0, 6.7, 11S, 155.01E, h0km, mb4.5/17, mb1.4/7/19, mb1mx4.6/34, bmtmp4.5/19, ML4.0/2, MS4.1/5, Ms1.4/1/5, ms1mx3.5/51, Error ellipse: s-maj=1.9, 2km s-min=1.5, 3km az=96.0
NEIC 12 15:46:27.1, 5.7, 13S, 0.09, 154.86E, 0.10, h15km, 5km, mb4.9/45, Error ellipse: s-maj=18.5km s-min=4.0km

Table with columns: Code, Station Name, Az, El, Time, Res, ISC. Includes stations like MCK McKinley, MLY Manley, DHY Denali Highway, etc.

Table with columns: Code, Station Name, Az, El, Time, Res, ISC. Includes stations like MAW Mawson, ZALV Zalesovo Beam, BCAR Beaver Creek, etc.

BUJ 12 15:59:26.3, 0.0, 6.76S, 155.47E, h11km, mb5, 4/73, mb5.0/74, Ms5.5/89, Ms7.5/27/9
NEIC 12 15:59:27.5, 2.1, 7.18S, 0.05, 155.05E, 0.07, h10km, 1km, mb5.3/88, Ms_20.5.5/678, Mw5.8/43, Mmw5.8, Mw5.8(GCMT), Error ellipse: s-maj=12.4km s-min=8.5km az=58.0
NEIC 12 15:59:27.5, 7.18S, 155.05E, h6km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm; Mr2.62; Mw-0.47; Mw-2.15; Mw4.10; Mw0.39; Mw-3.12; Fault plane solution: Ms5.71000x10^17 NP1: 352.80000, 314.81000, 1129.83000, NP2: 132.10000, 678.68000, 180.39000, Principal axes: T 6.1557, Plg5.0000, Azm30.0000, N -1.0448, Plg9.0000, Azm134.0000; P -5.1109, Plg33.0000, Azm230.0000; MOS 12 15:59:29.4, 0.9, 7.08S, 155.02E, h32km, mb5.3/38, MS5.2/23 Error ellipse: s-maj=8.7km s-min=6.7km az=102.1
IDC 12 15:59:31.3, 1.8, 7.22S, 155.18E, h41km, 15km, mb4.5/42, mb1.4/6/48, mb1mx4.5/64, bmtmp4.7/48, ML3.8/6, MS5.0/37, Ms1.5/37, ms1mx5.0/44, Error ellipse: s-maj=11.4km s-min=9.2km az=73.0
DJA 12 15:59:31.0, 6.0, 7.5S, 151.5E, h44km, 8km, M5.6/37, mb5.4/37, mb6.0/36, (mb)5.6/36, Mw5.7/12
NEIC 12 15:59:33.7, 4.7S, 155.18E, h12km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm; Mr4.25; Mw-2.56; Mw-1.69; Mw3.16; Mw2.29; Mw-1.83; Fault plane solution: Ms.68000x10^17 NP1: 123.00000, 665.00000, 184.00000, NP2: 316.00000, 825.00000, 1102.00000, Principal axes: T 5.6066, Plg69.0000, Azm22.0000; N 0.1529, Plg5.0000, Azm126.0000; P -5.7595, Plg20.0000, Azm178.0000; GCMT 12 15:59:33.5, 0.1, 7.46S, 155.11E, h12km, Mw5.8/159, Moment Tensor Solution, Moment tensor: Scale 10^17Nm; Mr4.75; Mw-1.88; Mw-2.16; Mw3.57; Mw-1.84; Mw-1.76; Fault plane solution: Ms.63000x10^17 NP1: 118.00000, 671.00000, 178.00000, NP2: 331.00000, 822.00000, 121.00000, Principal axes: T 6.5827, Plg62.0000, Azm10.0000; N -0.6113, Plg11.0000, Azm122.0000; P -5.9714, Plg25.0000, Azm177.0000; ISC 12 15:59:31.8, 0.2, 7.24S, 0.04, 155.20E, 0.04, h41km, n738, 1574/19, mb5.2/138, MS5.5/406, 25C-11D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Keravat, KRVT 52nm, HNR Honiara, etc.

SKR	comp=Z,1µm,18.0s	MLR	MLR						
GYA	Guiyang	57.76 307	iP	P	16 09 19.9 +0.6				
GYA			S	S	16 17 19.8 +4.0				
GYA	comp=Z,30nm,1.1s		pmax	pmax					
GYA	comp=Z,240nm,4.7s								
GYA	comp=Z,920nm,13.7s		LR	LR					
GYA	comp=Z,1µm,17.7s		LR	LR					
GYA	comp=Z,2µm,17.9s		LR	LR					
PBKT	Sadao Pong	58.62 294	P	P	16 09 24.5 -0.7				
TYV	Tymovskoe	58.88 351	eP	P	16 09 31.7 +5.3				
TYV			eS	S	16 17 40.4 +11				
TYV	comp=Z,300nm,3.6s		pmax	pmax					
TYV	comp=Z,10.0nm,1.6s								
TYV	comp=N,300nm,7.5s		smax	smax					
BJI	Beijing	59.24 326	P	P	16 09 29.4 +0.3				
BJI			S	S	16 17 34.2 -0.1				
BJI	comp=N,6.0nm,0.6s		pmax	pmax					
BJI	comp=N,280nm,3.9s		LR	LR					
BJI	comp=N,1µm,16.5s		LR	LR					
BJI	comp=N,810nm,18.2s		LR	LR					
BJI	comp=N,1µm,18.1s		LR	LR					
KLR	Kul'dur	59.86 342	P	P	16 09 33.2 0.0				
KLR	Kul'dur	59.86 342	eP	P	16 09 31.9 -1.4				
KLR			pmax	pmax					
GRNR	Gornyy	60.02 346	iP	P	16 09 35.6 +1.3				
GRNR			pmax	pmax					
GRNR	comp=Z,4.0nm,1.2s		MLR	MLR					
XAN	Xi'an	60.02 316	P	P	16 09 34.1 -0.7				
XAN			pP	pP	16 09 40.2 -5.1				
XAN			eP	eP	16 09 42.9 -6.6				
XAN			PcP	PcP	16 10 19.3 -1.2				
XAN			PP	PP	16 11 45.7 -1.9				
XAN			pmax	pmax	16 17 40.2 -4.6				
XAN	comp=Z,31nm,1.5s								
XAN	comp=Z,460nm,3.6s		pmax	pmax					
XAN	comp=Z,1µm,17.2s		LR	LR					
XAN	comp=Z,660nm,17.3s		LR	LR					
XAN	comp=Z,1µm,20.1s		LR	LR					
XAN	Xi'an	60.02 316	P	P	16 09 33.7 -1.0				
XAN			pmax	pmax					
XAN	comp=Z,33nm,1.1s		IAMB	IAMB	16 09 33.7 -1.0				
XAN	Xi'an	60.02 316	P	P	16 09 46.6				
XAN			IAMB	IAMB	16 09 35.7 +0.9				
PET	Petropavlovsk	60.11 2	eP	S	16 17 46.6 +1.6				
PET			eSS	SS	16 21 45.8 +3.1				
PET			pmax	pmax					
PET	comp=Z,600nm,14.0s		pmax	pmax					
PET	comp=Z,45nm,1.7s		MLR	MLR					
PEAOB	Petropavlovsk	60.16 2	P	P	16 09 35.3 +0.1				
PEAOB			pmax	pmax					
PEAOB	comp=Z,83nm,1.1s		MLR	MLR					
PEAOB	comp=Z,2µm,19.0s								
PEAOB	Petropavlovsk	60.16 2	P	P	16 09 35.3 +0.1				
PETK	Petropavlovsk	60.16 2	P	P	16 09 35.0 -0.2				
PETK			LR	LR	16 34 14.6				
PETK	comp=Z,665nm,20.2s, baz=173, slow=35								
PETK	Petropavlovsk	60.16 2	P	P	16 09 35.3 +0.1				
PETK	Petropavlovsk	60.16 2	P	P	16 09 35.3 +0.1				
KMI	Kunming	60.32 304	P	P	16 09 38.8 +1.6				
KMI			sP	sP	16 09 41.8 -6.0				
KMI			PP	PP	16 11 55.0 +4.4				
KMI			S	S	16 17 51.0 +1.7				
KMI			SS	SS	16 21 47.9 +0.3				
KMI			pmax	pmax					
KMI	comp=Z,22nm,1.1s		pmax	pmax					
KMI	comp=Z,450nm,5.1s		LR	LR					
KMI	comp=Z,1µm,15.5s		LR	LR					
KMI	comp=Z,1µm,18.2s		LR	LR					
KMI	comp=Z,1µm,18.0s		LR	LR					
CMAR	Chiang Mai Arr	61.07 296	P	P	16 09 42.6 +0.4				
CMAR			LR	LR	16 34 50.3				
CMAR	comp=Z,24nm,0.9s, baz=117, slow=5, SNR=48								
CMAR	comp=Z,699nm,21.4s, baz=118, slow=35								
CMAR			PKP2bc		16 39 06.3				
CMAR	Chiang Mai Arr	61.07 296	P	P	16 09 42.8 +0.7				
CMAR	Chiang Mai Arr	61.07 296	P	P	16 09 42.8 +0.7				
CHTO	Chiang Mai	61.19 296	P	P	16 09 41.5 -1.4				
CHTO			pmax	pmax					
CHTO	comp=Z,50nm,1.2s		MLR	MLR					
CHTO	Chiang Mai	61.19 296	P	P	16 09 41.5 -1.4				
NKL	Nikolayevsk	61.41 350	eP	P	16 09 44.4 +0.7				
NKL			e		16 10 19.7				
NKL	comp=Z,7.0nm,1.7s		pmax	pmax					
NKL	comp=E,2.0nm,1.1s		pmax	pmax					
NKL	comp=N,6.0nm,0.8s		pmax	pmax					
NKL	comp=Z,65nm,6.2s		pmax	pmax					
HHC	Hu-ho-hao-te	62.41 324	eP	P	16 09 50.8 -0.1				
HHC			S	S	16 18 18.2 +3.2				
HHC			SS	SS	16 19 39.8 -0.3				
HHC			pmax	pmax					
HHC	comp=Z,9.0nm,1.0s		pmax	pmax					
HHC	comp=Z,200nm,6.0s		LR	LR					
HHC	comp=Z,600nm,16.2s		LR	LR					
ADK	Adak	63.64 19	P	P	16 09 58.8 +0.2				
ADK			pmax	pmax					
ADK	comp=Z,39nm,0.8s		MLR	MLR					
ADK	comp=Z,2µm,22.0s								
ADK	Adak	63.64 19	P	P	16 09 58.8 +0.2				
TAOE	Nuku Hiva Isla	63.97 96	eS	S	16 18 34.1 -1.3				
TAOE			eLQ	LQ	16 26 26.7				
TAOE	comp=Z,2µm,25.2s		eLR	LR	16 28 49.2				
HIA	Hailar	64.23 335	iP	P	16 10 01.8 -0.8				
HIA			pmax	pmax					
LZH	Lanzhou	64.63 316	eP	P	16 10 06.5 +0.8				
LZH			sP	sP	16 10 16.8 +0.2				
LZH			S	S	16 18 43.3 +0.3				
LZH			sS	sS	16 18 54.7 -0.9				
LZH			pmax	pmax					
LZH	comp=Z,54nm,1.3s		pmax	pmax					
LZH	comp=Z,390nm,4.9s		LR	LR					
LZH	comp=Z,1µm,16.3s		LR	LR					
LZH	comp=Z,1µm,16.3s		LR	LR					

ATKA	Atka Island	64.74 20	IAMS_20	IAMS_20	16 32 46.5				
ZEA	Zeya	65.17 342	eP	S	16 10 08.4 -0.2				
ZEA			pmax	pmax	16 18 50.0 +1.4				
ZEA	comp=Z,29nm,1.0s								
ZEA	comp=Z,600nm,7.0s		smax	smax					
MA2	Magadan	66.70 358	P	P	16 10 17.6 -0.7				
MA2	Magadan	66.70 358	P	P	16 10 17.6 -0.7				
MA2			pmax	pmax					
MA2	comp=Z,30nm,0.9s								
MA2	Magadan	66.70 358	P	P	16 10 17.6 -0.7				
BRDH	Baridhala	66.89 298	LR	LR	16 38 58.1				
GTA	Gaotai	69.06 317	eP	P	16 10 34.1 +0.3				
GTA			pP	pP	16 10 37.9 -6.9				
GTA			sP	sP	16 10 40.7 -8.4				
GTA			S	S	16 19 37.4 +1.1				
GTA	comp=Z,12nm,1.3s		pmax	pmax					
GTA	comp=Z,320nm,3.7s		LR	LR					
GTA	comp=Z,680nm,18.1s		LR	LR					
GTA	comp=Z,1µm,18.4s		LR	LR					
GTA	comp=Z,830nm,18.7s		LR	LR					
ULN	Ulaanbaatar	69.32 328	P	P	16 10 35.8 +0.5				
ULN			pmax	pmax					
ULN	comp=Z,28nm,1.2s		MLR	MLR					
ULN	comp=Z,1µm,18.0s								
ULN	Ulaanbaatar	69.32 328	P	P	16 10 35.8 +0.5				
ULN			IAMB	IAMB	16 10 51.7				
ULN	comp=Z,28nm,1.2s								
SONM	Songino Array	69.65 327	P	P	16 10 37.2 -0.1				
SONM			LR	LR	16 42 55.3				
SONM	comp=Z,8.0nm,1.1s, baz=138, slow=7.5, SNR=15								
SONM	Songino Array	69.65 327	P	P	16 10 37.3 0.0				
SONM			pmax	pmax					
SONM	comp=Z,18nm,1.0s								
SONM	Songino Array	69.65 327	P	P	16 10 37.3 0.0				
SEY	Seymchan	70.01 359	P	P	16 10 38.6 -0.3				
SEY			pP	pP	16 10 37.5 -1.4				
SEY	Seymchan	70.01 359	P	P	16 10 41.0 +0.2				
SEY			eP	eP	16 10 37.5 -1.4				
VNDA	Vanda	70.33 178	P	P	16 10 41.0 +0.2				
VNDA			LR	LR	16 35 34.7				
VNDA	comp=Z,4.1nm,1.0s, baz=324, slow=5.8, SNR=17								
VNDA	comp=Z,1µm,21.1s, baz=5.5, slow=31								
VNDA	Vanda	70.33 178	P	P	16 10 41.4 +0.6				
VNDA			pmax	pmax					
VNDA	comp=Z,20nm,1.2s								
VNDA	Vanda	70.33 178	P	P	16 10 41.4 +0.6				
YAK	Yakutsk	71.84 348	P	P	16 10 49.7 -0.4				
YAK			eP	eP	16 11 01.1 +0.1				
YAK	Yakutsk	71.84 348	eP	P	16 10 48.7 -1.4				
YAK			e	e	16 11 07.2				
YAK			e	e	16 13 35.2				
YAK			ePPP	PPP	16 15 13.6				
YAK			eS	S	16 20 06.4 -1.1				
YAK			e	e	16 20 57.7				
YAK			eSS	SS	16 24 36.7 -7.9				
YAK			pmax	pmax					
YAK	comp=Z,10.0nm,1.1s		pmax	pmax					
YAK	comp=N,5.0nm,1.4s		pmax	pmax					
YAK	comp=E,3.0nm,1.4s		pmax	pmax					
YAK	comp=N,120nm,3.3s		pmax	pmax					
YAK	comp=Z,148nm,4.3s		pmax	pmax					
YAK	comp=E,101nm,3.7s		smax	smax					
YAK	comp=N,455nm,4.9s		smax	smax					
YAK	comp=E,205nm,3.3s		MLR	MLR					
YAK	comp=Z,1µm,20.0s		MLR	MLR					
YAK	comp=N,855nm,16.0s		MLR	MLR					
YAK	comp=E,324nm,20.0s								
SDPT	Sand Point	72.39 25							

MAKZ	comp=Z,31nm,1.0s	MLR	MLR		
MAKZ	comp=Z,1um,18.0s				
MAKZ	Makanchi	83.93 319	P	Iamb	16 11 57.2 -0.5
PCA	comp=Z,31nm,0.9s				
PCA	Pinnacle	83.96 27	P	P	16 11 57.0 -0.5
POO	comp=Z,29nm,1.0s				
SCRK	Poon	84.14 289	eP	Iamb	16 11 57.0 -0.5
MAW	comp=Z,21nm,1.2s				
MAW	Mawson	84.25 203	P	P	16 11 59.5 +0.6
MAW	baz=94,SNR=8.7				
MAW	Mawson	84.25 203	P	P	16 11 58.3 -0.6
MAW	comp=Z,8.0nm,0.8s,ba=77,slow=6.4,SNR=12				
MAW	comp=Z,1um,19.6s,ba=79,slow=34				
MAW	Mawson	84.25 203	P	P	16 11 59.7 +0.8
MAW	comp=Z,9.0nm,1.3s				
MAW					
MAW	comp=Z,300nm,20.0s				
MAW	Mawson	84.25 203	P	P	16 11 59.7 +0.8
MAW	Porcupine Dome	84.41 21	IAMS_20	IAMS_20	16 49 29.9
PRP	comp=Z,2um,18.0s				
ZALV	Zalesov Beam	84.50 326	P	P	16 11 58.6 -1.7
ZALV	comp=Z,2.2nm,0.7s,ba=98,slow=5.0,SNR=9.8				
ZALV					
ZALV	comp=Z,680nm,19.3s,ba=108,slow=37				
ZALV	Zalesov Beam	84.50 326	P	P	16 11 58.2 -2.2
ZALV	Zalesov Beam	84.50 326	P	P	16 11 58.1 -2.2
BCAR	Beaver Creek A	84.64 24	P	P	16 12 01.6 +0.7
TOLK	Toolk Lake Re	84.80 18	P	P	16 12 02.1 +0.4
TOLK	ba=235				
TOLK	Toolk Lake Re	84.80 18	P	P	16 12 02.0 +0.4
TOLK					
FYU	comp=Z,1um,18.0s				
FYU	Fort Yukon	85.06 20	P	P	16 12 03.2 +0.4
FYU					
FYU	comp=Z,29nm,1.2s				
FYU					
SIT	comp=Z,2um,20.0s				
SIT	Sitka	85.12 31	IAMS_20	IAMS_20	16 50 31.6
DIB	comp=Z,2um,19.0s				
DIB	Dawson Inlet	85.35 35	IAMS_20	IAMS_20	16 53 12.1
HYT	comp=Z,2um,18.0s				
HYT	Haines Junction	85.50 27	Iamb	Iamb	16 12 11.3
EGAK	comp=Z,22nm,0.8s				
EGAK	Eagle	85.67 23	Iamb	Iamb	16 12 19.4
BMAR	comp=Z,24nm,0.9s				
SKAG	Burnt Mountain	85.72 20	P	P	16 12 07.3 +1.0
SKAG	comp=Z,2um,22.0s				
SKAG	Skagway	85.99 29	IAMS_20	IAMS_20	16 44 02.4
JIS	comp=Z,2um,18.0s				
JIS	Juneau Island	86.03 30	IAMS_20	IAMS_20	16 50 33.4
DAWY	comp=Z,1um,18.0s				
DAWY	Dawson	86.04 24	Iamb	Iamb	16 12 26.6
KSH	comp=Z,39nm,1.4s				
KSH	Kashi	86.32 310	P	P	16 12 12.1 +2.1
KSH					
KSH					
KSH	comp=Z,37nm,1.1s				
KSH					
KSH	comp=Z,450nm,4.1s				
KSH					
KSH	comp=Z,300nm,9.3s				
KSH					
KSH	comp=Z,410nm,9.2s				
KSH					
KSH	comp=Z,460nm,12.4s				
KURK	Kurchatov	87.15 322	iP	P	16 12 12.8 -0.8
KURK	comp=Z,33nm,2.4s				
KURB	Kurchatov Arra	87.18 322	P	P	16 12 11.8 -1.9
KURB	comp=Z,1.0nm,0.6s,ba=94,slow=4.6,SNR=5.9				
KURB					
KURB	comp=Z,0.7nm,0.8s,ba=113,slow=7.6,SNR=4.0				
KURB					
KCPM	Cahto Peak	87.87 50	IAMS_20	IAMS_20	16 55 23.6
KCPM	comp=Z,1um,18.0s				
KMRM	Mali Ridge	87.88 49	IAMS_20	IAMS_20	16 59 42.7
KMRM	comp=Z,2um,18.0s				
KMRM	Red Mountain	87.99 48	IAMS_20	IAMS_20	16 50 55.5
KHMM	comp=Z,2um,18.0s				
KHMM	Horse Mountain	87.99 49	IAMS_20	IAMS_20	16 51 56.6
KHMM	comp=Z,2um,19.0s				
EPYK	Eagle Plains	88.02 22	P	P	16 12 17.9 +0.5
EPYK	ba=247				
EPYK	Eagle Plains	88.02 22	P	P	16 12 18.1 +0.7
EPYK	comp=Z,1um,19.0s				
AAK	Ala-Archa	88.07 313	P	P	16 12 17.8 -0.6
AAK	comp=Z,3.2nm,0.8s,ba=124,slow=3.3,SNR=10.0				
AAK					
AAK	Ala-Archa	88.07 313	eP	P	16 12 17.2 -1.2
AAK	comp=Z,511nm,18.0s,ba=92,slow=39				
AAK					
AAK	comp=Z,23nm,1.9s				
AAK	Ala-Archa	88.07 313	P	P	16 12 17.4 -1.0
MCCM	Marconi Confer	88.12 51	IAMS_20	IAMS_20	16 45 39.4
MCCM	comp=Z,2um,20.0s				
HOPS	Hopland Field	88.13 50	IAMS_20	IAMS_20	16 48 40.5
HOPS	comp=Z,1um,18.0s				
DLBC	Dease Lake	88.25 31	P	P	16 12 18.4 -0.4
DLBC	comp=Z,3.7nm,0.8s,ba=196,slow=6.0,SNR=2.8				
DLBC	Dease Lake	88.25 31	IAMS_20	IAMS_20	16 52 37.4
WDC	comp=Z,2um,21.0s				
WDC	Whiskeytown Da	88.82 49	IAMS_20	IAMS_20	16 58 52.7
WDC	comp=Z,2um,18.0s				
HUMO	Hull Mountain	88.89 47	IAMS_20	IAMS_20	16 52 31.3
HUMO	comp=Z,2um,18.0s				
YBH	Yreka Blue Hor	88.91 48	P	P	16 12 21.2 -1.1
YBH	comp=Z,1.3nm,0.8s,ba=166,slow=10,SNR=1.5				
YBH	Yreka Blue Hor	88.91 48	P	P	16 12 21.2 -1.1
YBH	comp=Z,8.0nm,1.3s				
YBH					
YBH	comp=Z,2um,18.0s				
YBH	Yreka Blue Hor	88.91 48	Iamb	Iamb	16 12 30.3
YBH	comp=Z,7.8nm,1.2s				
YBH					
YBH	comp=Z,2um,18.0s				
YBH	San Andreas Ge	89.00 53	IAMS_20	IAMS_20	16 53 21.8
YBH	comp=Z,2um,18.0s				
COR	Corvallis	89.02 45	IAMS_20	IAMS_20	16 43 32.2
COR	comp=Z,2um,22.0s				
NRIK	Noril'sk	89.03 341	P	P	16 12 20.1 -2.0
NRIK	comp=Z,4.2nm,1.0s,ba=108,slow=4.3,SNR=6.2				
NRIK					
F03A	comp=Z,672nm,19.2s,ba=106,slow=36				
F03A	Seaside	89.10 44	IAMS_20	IAMS_20	16 44 10.5
NLWA	Neilton Lookou	89.18 42	IAMS_20	IAMS_20	16 45 50.4
NLWA	comp=Z,2um,20.0s				
PMPB	Monarch Peak	89.42 54	IAMS_20	IAMS_20	16 55 32.1
PMPB	comp=Z,2um,18.0s				
H04A	Detroit Lake	89.82 45	IAMS_20	IAMS_20	16 44 21.7
H04A	comp=Z,2um,22.0s				
INK	Inuvik	89.88 21	P	P	16 12 25.2 -0.9
INK	comp=Z,14nm,0.7s,ba=270,slow=3.7,SNR=15				
INK	Inuvik	89.88 21	P	P	16 12 25.9 -0.2
INK	comp=Z,37nm,1.3s				
INK					
INK	comp=Z,2um,19.0s				
INK	Inuvik	89.88 21	P	P	16 12 25.9 -0.2
INK					
INK	comp=Z,37nm,1.2s				
INK					
INK	comp=Z,2um,19.0s				
F04A	Amboy	89.88 44	IAMS_20	IAMS_20	16 44 22.2
F04A	comp=Z,2um,22.0s				
D05A	Enumclaw	90.40 43	IAMS_20	IAMS_20	16 45 34.0
D05A	comp=Z,1um,21.0s				
K05A	Summer Lake	90.41 47	IAMS_20	IAMS_20	16 53 40.5
K05A	comp=Z,2um,18.0s				
LON	Longmire	90.44 43	IAMS_20	IAMS_20	16 47 28.9
LON	comp=Z,2um,20.0s				
PINE	Pine Mountain	90.55 46	IAMS_20	IAMS_20	16 56 49.1
PINE	comp=Z,2um,18.0s				
WAKR	Walker	90.85 51	IAMS_20	IAMS_20	16 47 22.6
WAKR	comp=Z,1um,20.0s				
OSI	Ostio Audit: C	90.85 55	IAMS_20	IAMS_20	16 53 57.3
OSI	comp=Z,2um,19.0s				
B06A	Marblemount	90.97 41	IAMS_20	IAMS_20	16 54 00.5
B06A	comp=Z,2um,18.0s				
G06A	Carlson Farm	91.00 45	IAMS_20	IAMS_20	16 59 59.7
G06A	comp=Z,2um,18.0s				

OMMB	Old Mammoth Mi	91.06 52	IAMS_20	IAMS_20	16 57 17.3
OMMB	comp=Z,2um,18.0s				
YERR	Yerington	91.07 51	IAMS_20	IAMS_20	16 57 41.5
YERR	comp=Z,1um,18.0s				
ISA	Isabella Lake	91.20 54	IAMS_20	IAMS_20	16 47 41.4
ISA	comp=Z,1um,20.0s				
PASC	Pasadena Art C	91.23 56	IAMS_20	IAMS_20	16 48 36.4
PASC	comp=Z,1um,19.0s				
LTY	Liberty	91.30 43	IAMS_20	IAMS_20	16 47 47.5
LTY	comp=Z,2um,20.0s				
MWC	Mount Wilson	91.34 56	IAMS_20	IAMS_20	16 48 31.3
MWC	comp=Z,1um,18.0s				
F07A	Phinny Hill Vi	91.59 44	IAMS_20	IAMS_20	16 54 55.4
F07A	comp=Z,2um,18.0s				
I07A	Izee	91.62 46	IAMS_20	IAMS_20	16 57 39.4
I07A	comp=Z,1um,18.0s				
NVAR	Minna Array Bea	91.72 52	P	P	16 12 35.3 -0.4
NVAR	comp=Z,1.4nm,0.8s,ba=263,slow=6.1,SNR=9.9				
NVAR					
NVAR	comp=Z,821nm,19.5s,ba=280,slow=32				
NVAR					
HAWA	Hanford	91.94 44	IAMS_20	IAMS_20	16 54 23.5
HAWA	comp=Z,2um,18.0s				
109C	Camp Elliot, Mi	91.96 57	IAMS_20	IAMS_20	16 55 30.5
109C	comp=Z,2um,18.0s				
WVOR	Wild Horse Val	92.01 48	IAMS_20	IAMS_20	16 52 53.0
WVOR	comp=Z,2um,18.0s				
SYO	Syowa Base	92.16 199f	eP	P	16 12 35.0 -1.7
SYO	comp=Z,2um,18.0s				
SYO	Syowa Base	92.16 199f	eP	P	16 12 39.0 +2.3
SYO	comp=Z,2um,18.0s				
E08A	Dider Farm, El	92.28 44	IAMS_20	IAMS_20	16 45 37.5
E08A	comp=Z,2um,22.0s				
BAR	Barrett	92.30 58	IAMS_20	IAMS_20	16 49 11.6
BAR	comp=Z,2um,20.0s				
D08A	Wollman Farm,	92.45 43	IAMS_20	IAMS_20	16 46 06.0
D08A	comp=Z,2um,22.0s				
GSC	Goldstone, Bar	92.51 55	IAMS_20	IAMS_20	16 53 00.9
GSC	comp=Z,2um,18.0s				
PFO	Pinyon Flats O	92.58 57	P	P	16 12 38.7 -1.0
PFO	comp=Z,1.1nm,0.3s,ba=201,slow=12,SNR=3.0				
PFO	Pinyon Flats O	92.58 57	IAMS_20	IAMS_2	

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include stations like HENM Henderson Moun, S44A Carbonate, LNXT Lenox, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include stations like S58A Poland Farm, PAGES Pennsylvania, DRIG Ochoppi, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include stations like MORF Marlette, MORF Marlette, PFVI Vila Bisbo, etc.

ADC 12 16:00:33.8i.0.7, 29.97N:94.24E, h0km, mb3.8/17, mb1.4/0.19, mb1mx3.7/65, mbtmp3.8/19, ML3.7/2, MS3.4/3, Ms1.3.4/3, ms1mx3.0/53, Error ellipse: s-maj=29.6km, s-min=12.0km az=55.0

BUI 12 16:00:35.3i.0.0, 29.94N:94.13E, h6km, mb3.8/7, ML3.7/6, MS3.4/5, Ms0.7 3/4

ISC 12 16:00:38.9i.0.5, 29.97N:0.08:94.30E:0.07, h35km, n36, i=138/35, mb4.0/15, Eastern Kizang-india border region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include stations like LSA Lhasa, LSA Lhasa, LSA Lhasa, etc.

MAN 12 16:00:50.8, 4.71N:124.99E, h390km, MS4.0, NEIC 12 16:00:52.5, 2.3, 5.08N:0.05:124.5E:0.1, h399km, 11km, mb4.2/20, Error ellipse: s-maj=17.1km s-min=7.9km az=89.0

DJA 12 16:00:53.0i.0.4, 5°N:5°12'5E", h369km, 5km, M4.2/23, mb4.0/23, mb4.8/6, MLV4.5/11, Mw(mb)4.1/6, Mw(p)5.4/1

DC 12 16:00:55.3i.2, 5.04N:124.53E, h434km, 30km, mb3.5/23, mb1.3.6/25, mb1mx3.4/62, mbtmp4.3/25, Error ellipse: s-maj=17.1km s-min=8.9km az=72.0

ISC 12 16:00:52.4i.0.4, 5.09N:0.05:124.54E:0.07, h400km, n63, i=127/87, mb4.0/32, 2C, Mindanao

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include stations like GSPH General Santos, DDMP Don Marcelino, CTH Cotabato-PC H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAY Jayapura, YULB Yu-li, TPUB Ta-pu, etc.

TAP 12 16:06:52.0,24.92N,122.111E,h110km,ML3.2,B
JMA 12 16:06:51.0,1.24,84N-122.09E,h111km,1km,M2.2
ISC 12 16:06:52.1-1.3,24.90N,104.122.09E,0.02,h111km,6km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, NTC Toucheng, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ENTT baz=240, YM10 baz=295, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TYC baz=228, SSLB Suanglung, etc.

VIE 12 16:16:16.6±0.3,47.20N,111.45E,h3km,mb0.0/1,m10.3/4,
Error ellipse: s-maj=3.1km s-min=0.9km az=169.0 8

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

IDC 12 16:16:16.7±1.0,39.20N,110.88E,h0km,mb3.7/7,
mb1.3/8,mb1mx3.6/53,mbtmp3.7/8,ML3.3/1,Error
ellipse: s-maj=30.7km s-min=17.3km az=67.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM Songoing Array, MKAR Makanchi Arr, etc.

IDC 12 16:21:43.1±1.6,7.36S,155.38E,h0km,mb3.5/6,
mb1.3/8,mb1mx3.6/37,mbtmp3.6/8,ML2.2/2,Error
ellipse: s-maj=46.9km s-min=24.9km az=133.0

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

12d 20h

2014 APR

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res, h, m, s, ISC. Lists various stations like EOS1, TWC, NTC, NTS, TWB1, ILA, TIPB, ENA, TWE, SLBB, NWF, WFSB, ENTT, ENTT, NDT, YKA, TWA, NWLT, JYNG, NHDH, YOJ, TAP1, NACB, TAP, YM01, YM01, YHNB, YHNB, YM11, YM10, YM10, NSK, NNSB, NNSB, NNSH, YM04, YM04, NNS, TWD, TWD, ET LH, ET LH, TWS1, HWA, WLTB, WLTB, ENLB, ENLB, NCUH, NCUH, WHF, WHF, TDCB, TDCB, LIOB, LIOB, ESL, ESL, NNTT, NNTT, CHGB, CHGB, SBCB, SBCB, OWD, OWD.

Table with columns: WHP, Taichung City, 1.22 252 eP, Pn, 19 46 41.1 +1.0. Includes IRIF, HATJ, JKRS, JKRS, JISG, JISG, JTJ, JTJ.

IDC 12 19:48:52.5:1.8, 6.93S, 155.14E, h0km, mb3.9/8, mb1 4.0/9, mb1mx3.7/42, mbtms3.9/9, ML2.2/1, MS2.9/1, Ms1 2.9/1, ms1mx2.4/49, Error ellipse: s-maj=43.4km, s-min=25.3km az=122.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like KRVT, HNR, PMG, WRA, SIJI, ASAR, FITZ, CMAR, MKAR, NRIK, YKA.

JMA 12 20:05:20.4:0.1, 23.65N, 121.43E, h27km, 2km, M3.0, TAP 12 20:05:21.3, 23.65N, 121.45E, h25km, ML3.6, B, ISC 12 20:05:21.2:0.9, 23.64N, 0101.121.48E, 0.02, h23km, 4km, n146, s1905/253, 24C-14D, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like EGFH, EGFH, HGSD, HGSD, EHL, EHL, EHY, EHY, ENLB, ENLB, YULB, YULB, YULB, YULB, ENLB, ENLB, YULB, YULB, WDFW, WDFW, WDFW, WDFW, HWA, HWA, OWD, OWD, OWD, OWD, TWD, TWD, FULB, FULB, FULB, FULB, SSSLB, SSSLB, SSSLB, SSSLB, CHGB, CHGB, YUS, YUS, WHF, WHF, NACB, NACB, NACB, NACB, CHKT, CHKT, CHKT, CHKT, ET LH, ET LH, ET LH, ET LH, WHYT, WHYT, WHYT, WHYT, ELDTW, ELDTW, ELDTW, ELDTW, TYC, TYC, TYC, TYC, ALS, ALS, DPDB, DPDB, DPDB, DPDB, WJS, WJS, WJS, WJS, CHNS, CHNS, WNT, WNT.

Table with columns: WNT, WNT, NNSB, NNSB, NNSH, NNSH, NNSH, WHP, WHP, NNS, NNS, STYT, STYT, ENA, ENA, ENA, WGK, WGK, TPUB, TPUB, TPUB, CHN4, CHN4, CHN4, WDLH, WDLH, WDLH, WTP, WTP, WTP, TCU, TCU, TCU, TWGBT, TWGBT, TWGBT, TWG, TWG, TWG, TWH, TWH, CHN2, CHN2, CHN2, TTN, TTN, WCHH, WCHH, WCHH, TWQ1, TWQ1, TWQ1, NDT, NDT, NDT, CHY, CHY, CHY, TWK, TWK, TWK, CHN1, CHN1, CHN1, SGST, SGST, SGST, SNST, SNST, SNST, SLGT, SLGT, SLGT, ENT, ENT, ENT, NSY, NSY, NSY, TWC, TWC, TWC, YHNB, YHNB, YHNB, NSK, NSK, NSK, WDJ, WDJ, WDJ, RLNB, RLNB, RLNB, PTSB, PTSB, PTSB, NNTT, NNTT, NNTT, EOI, EOI, EOI, LIOB, LIOB, LIOB, TWE, TWE, TWE, WLGB, WLGB, WLGB, NMLH, NMLH, NMLH, SLBB, SLBB, SLBB, WTCT, WTCT, WTCT, WTCT, NWLT, NWLT, NWLT, ECL, ECL, ECL, ILA, ILA, ILA, WSF, WSF, WSF.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like WSF, CHN3, SSS, CHN8, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like JJJ, JJJ, PTMZ, JISSG, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like PATS, PATS, NFK, MTSU, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MJAR, MAJO, MAJQ, MAJW, MAJX, MAJY, MAJZ, MAJAA, MAJAB, MAJAC, MAJAD, MAJAE, MAJAF, MAJAG, MAJAH, MAJAI, MAJAJ, MAJAK, MAJAL, MAJAM, MAJAN, MAJAO, MAJAP, MAJAQ, MAJAR, MAJAS, MAJAT, MAJAU, MAJAV, MAJAW, MAJAX, MAJAY, MAJAZ, MAJBA, MAJB, MAJCB, MAJCC, MAJCD, MAJCE, MAJCF, MAJCG, MAJCH, MAJCI, MAJ CJ, MAJCK, MAJCL, MAJCM, MAJCN, MAJCO, MAJCP, MAJCQ, MAJCR, MAJCS, MAJCT, MAJCU, MAJCV, MAJCW, MAJCX, MAJCY, MAJCZ, MAJDA, MAJDB, MAJDC, MAJDD, MAJDE, MAJDF, MAJDG, MAJDH, MAJDI, MAJ DJ, MAJDK, MAJDL, MAJDM, MAJDN, MAJDO, MAJDP, MAJDQ, MAJDR, MAJDS, MAJDT, MAJDU, MAJDV, MAJDW, MAJDX, MAJDY, MAJDZ, MAJEA, MAJEB, MAJEC, MAJED, MAJEF, MAJEG, MAJEH, MAJEI, MAJ EJ, MAJEK, MAJEL, MAJEM, MAJEN, MAJEO, MAJEP, MAJEQ, MAJER, MAJES, MAJET, MAJEU, MAJEV, MAJEW, MAJEX, MAJ EY, MAJEZ, MAJFA, MAJFB, MAJFC, MAJFD, MAJFE, MAJFF, MAJFG, MAJFH, MAJFI, MAJ FJ, MAJFK, MAJFL, MAJFM, MAJFN, MAJFO, MAJFP, MAJFQ, MAJFR, MAJFS, MAJFT, MAJFU, MAJFV, MAJFW, MAJFX, MAJ F Y, MAJFZ, MAJGA, MAJGB, MAJGC, MAJGD, MAJGE, MAJGF, MAJGG, MAJGH, MAJGI, MAJ GJ, MAJGK, MAJGL, MAJGM, MAJGN, MAJGO, MAJGP, MAJGQ, MAJGR, MAJGS, MAJGT, MAJGU, MAJGV, MAJGW, MAJGX, MAJ G Y, MAJGZ, MAJHA, MAJHB, MAJHC, MAJHD, MAJHE, MAJHF, MAJHG, MAJHI, MAJ HJ, MAJHK, MAJHL, MAJHM, MAJHN, MAJHO, MAJHP, MAJHQ, MAJHR, MAJHS, MAJHT, MAJHU, MAJHV, MAJHW, MAJHX, MAJ H Y, MAJHZ, MAJIA, MAJIB, MAJIC, MAJID, MAJIE, MAJIF, MAJIG, MAJIH, MAJ IJ, MAJIK, MAJIL, MAJIM, MAJIN, MAJIO, MAJIP, MAJIQ, MAJIR, MAJIS, MAJIT, MAJIU, MAJIV, MAJIW, MAJIX, MAJ I Y, MAJIZ, MAJJA, MAJJB, MAJJC, MAJJD, MAJJE, MAJJF, MAJJG, MAJJH, MAJ JI, MAJJK, MAJJL, MAJJM, MAJJN, MAJJO, MAJJP, MAJJQ, MAJJR, MAJJS, MAJJT, MAJJU, MAJJV, MAJJW, MAJJX, MAJ J Y, MAJJZ, MAJKA, MAJKB, MAJKC, MAJKD, MAJKE, MAJKF, MAJKG, MAJKH, MAJ KI, MAJKJ, MAJKK, MAJKL, MAJKM, MAJKN, MAJKO, MAJKP, MAJKQ, MAJKR, MAJKS, MAJKT, MAJKU, MAJKV, MAJKW, MAJKX, MAJ K Y, MAJKZ, MAJLA, MAJLB, MAJLC, MAJLD, MAJLE, MAJLF, MAJLG, MAJLH, MAJ LI, MAJLJ, MAJLK, MAJLL, MAJLM, MAJLN, MAJLO, MAJLP, MAJLQ, MAJLR, MAJLS, MAJLT, MAJLU, MAJLV, MAJLW, MAJLX, MAJ L Y, MAJLZ, MAJMA, MAJMB, MAJMC, MAJMD, MAJME, MAJMF, MAJMG, MAJMH, MAJ MI, MAJMJ, MAJMK, MAJML, MAJMN, MAJMO, MAJMP, MAJMQ, MAJMR, MAJMS, MAJMT, MAJMU, MAJMV, MAJMW, MAJMX, MAJ M Y, MAJMZ, MAJNA, MAJNB, MAJNC, MAJND, MAJNE, MAJNF, MAJNG, MAJNH, MAJ NI, MAJNJ, MAJNK, MAJNL, MAJNM, MAJNN, MAJNO, MAJNP, MAJNQ, MAJNR, MAJNS, MAJNT, MAJNU, MAJNV, MAJNW, MAJNX, MAJ N Y, MAJNZ, MAJOA, MAJOB, MAJOC, MAJOD, MAJOE, MAJOF, MAJOG, MAJOH, MAJ OI, MAJ OJ, MAJ OK, MAJ OL, MAJ OM, MAJ ON, MAJOO, MAJOP, MAJ OQ, MAJOR, MAJOS, MAJOT, MAJOU, MAJOV, MAJOW, MAJ OX, MAJ O Y, MAJ OZ, MAJPA, MAJPB, MAJPC, MAJPD, MAJPE, MAJPF, MAJPG, MAJPH, MAJ PI, MAJPJ, MAJPK, MAJPL, MAJPM, MAJPN, MAJPO, MAJPP, MAJPQ, MAJPR, MAJPS, MAJPT, MAJPU, MAJPV, MAJPW, MAJPX, MAJ P Y, MAJPZ, MAJQA, MAJQB, MAJQC, MAJQD, MAJQE, MAJQF, MAJQG, MAJQH, MAJ QI, MAJQJ, MAJQK, MAJQL, MAJQM, MAJQN, MAJQO, MAJQP, MAJQQ, MAJQR, MAJQS, MAJQT, MAJQU, MAJQV, MAJQW, MAJQX, MAJ Q Y, MAJQZ, MAJRA, MAJRB, MAJRC, MAJRD, MAJRE, MAJRF, MAJRG, MAJRH, MAJ RI, MAJRJ, MAJRK, MAJRL, MAJRM, MAJRN, MAJRO, MAJRP, MAJRQ, MAJRR, MAJRS, MAJRT, MAJRU, MAJRV, MAJRW, MAJRX, MAJ R Y, MAJRZ, MAJSA, MAJSB, MAJSC, MAJSD, MAJSE, MAJSF, MAJSG, MAJSH, MAJ SI, MAJSJ, MAJSK, MAJSL, MAJSM, MAJSN, MAJSO, MAJSP, MAJSQ, MAJSR, MAJSS, MAJST, MAJSU, MAJSV, MAJSW, MAJSX, MAJ S Y, MAJSZ, MAJTA, MAJTB, MAJTC, MAJTD, MAJTE, MAJTF, MAJTG, MAJTH, MAJ TI, MAJTJ, MAJTK, MAJTL, MAJTM, MAJTN, MAJTO, MAJTP, MAJTQ, MAJTR, MAJTS, MAJTT, MAJTU, MAJTV, MAJTW, MAJTX, MAJ T Y, MAJTZ, MAJUA, MAJUB, MAJUC, MAJUD, MAJUE, MAJUF, MAJUG, MAJUH, MAJ UI, MAJUJ, MAJUK, MAJUL, MAJUM, MAJUN, MAJ UO, MAJUP, MAJUQ, MAJUR, MAJUS, MAJUT, MAJ U V, MAJUW, MAJUX, MAJ U Y, MAJUZ, MAJVA, MAJVB, MAJVC, MAJVD, MAJVE, MAJVF, MAJVG, MAJVH, MAJ VI, MAJVJ, MAJVK, MAJVL, MAJVM, MAJVN, MAJVO, MAJVP, MAJVQ, MAJVR, MAJVS, MAJVT, MAJ V U, MAJVV, MAJ VW, MAJ V X, MAJ V Y, MAJVZ, MAJWA, MAJWB, MAJWC, MAJWD, MAJWE, MAJWF, MAJWG, MAJWH, MAJ WI, MAJWJ, MAJWK, MAJWL, MAJWM, MAJWN, MAJWO, MAJWP, MAJWQ, MAJWR, MAJWS, MAJWT, MAJ W U, MAJWV, MAJ W X, MAJ W Y, MAJWZ, MAJXA, MAJXB, MAJXC, MAJXD, MAJXE, MAJXF, MAJXG, MAJXH, MAJ XI, MAJXJ, MAJXK, MAJXL, MAJXM, MAJXN, MAJXO, MAJXP, MAJXQ, MAJXR, MAJXS, MAJXT, MAJ X U, MAJXV, MAJ X W, MAJ X X, MAJ X Y, MAJXZ, MAJYA, MAJYB, MAJYC, MAJYD, MAJYE, MAJYF, MAJYG, MAJYH, MAJ YI, MAJYJ, MAJYK, MAJYL, MAJYM, MAJYN, MAJYO, MAJYP, MAJYQ, MAJYR, MAJYS, MAJYT, MAJ Y U, MAJYV, MAJ Y W, MAJ Y X, MAJ Y Y, MAJ Y Z, MAJZA, MAJZB, MAJZC, MAJZD, MAJZE, MAJZF, MAJZG, MAJZH, MAJ ZI, MAJZJ, MAJZK, MAJZL, MAJZM, MAJZN, MAJZO, MAJZP, MAJZQ, MAJZR, MAJZS, MAJZT, MAJZU, MAJZV, MAJZW, MAJZX, MAJ Z Y, MAJZZ.

Table with columns for station code, name, frequency, and signal strength. Includes stations like GZHZ, GZHI, GZHM, GZHN, GZHO, GZHP, GZHQ, GZHR, GZHS, GZHT, GZHU, GZHV, GZHW, GZHX, GZ H Y, GZHZ, GZIA, GZIB, GZIC, GZID, GZIE, GZIF, GZIG, GZIH, GZ II, GZIJ, GZIK, GZIL, GZIM, GZIN, GZIO, GZIP, GZIQ, GZIR, GZIS, GZIT, GZIU, GZIV, GZIW, GZIX, GZ I Y, GZIZ, GZJA, GZJB, GZJC, GZJD, GZJE, GZJF, GZJG, GZJH, GZ JI, GZJJ, GZJK, GZJL, GZJM, GZJN, GZJO, GZJP, GZJQ, GZJ R, GZJ S, GZJ T, GZJ U, GZJ V, GZJ W, GZJ X, GZ J Y, GZJZ, GZKA, GZKB, GZKC, GZKD, GZKE, GZKF, GZKG, GZKH, GZ KI, GZKJ, GZKL, GZKM, GZKN, GZKO, GZKP, GZKQ, GZKR, GZKS, GZKT, GZKU, GZKV, GZKW, GZKX, MAJ K Y, GZKZ, GZLA, GZLB, GZLC, GZLD, GZLE, GZLF, GZLG, GZLH, GZ LI, GZLJ, GZLK, GZLL, GZLM, GZLN, GZLO, GZLP, GZLQ, GZLR, GZLS, GZLT, GZLU, GZLV, GZLW, GZLX, MAJ L Y, GZLZ, GZMA, GZMB, GZMC, GZMD, GZME, GZMF, GZMG, GZMH, GZ MI, GZMJ, GZMK, GZML, GZMN, GZMO, GZMP, GZMQ, GZMR, GZMS, GZMT, GZMU, GZMV, GZMW, GZMX, MAJ M Y, GZMZ, GZNA, GZNB, GZNC, GZND, GZNE, GZNF, GZNG, GZNH, GZ NI, GZNJ, GZNK, GZNL, GZNM, GZNN, GZNO, GZNP, GZNQ, GZNR, GZNS, GZNT, GZNU, GZNV, GZNW, GZNX, MAJ N Y, GZNZ, GZOA, GZOB, GZOC, GZOD, GZOE, GZOF, GZOG, GZOH, GZ OI, GZ OJ, GZ OK, GZ OL, GZ OM, GZ ON, GZOO, GZOP, GZ OQ, GZ OR, GZ OS, GZ OT, GZ OU, GZ OV, GZ OW, GZ OX, MAJ O Y, GZ OZ, GZPA, GZPB, GZPC, GZPD, GZPE, GZPF, GZPG, GZPH, GZ PI, GZPJ, GZPK, GZPL, GZPM, GZPN, GZPO, GZPP, GZPQ, GZPR, GZPS, GZPT, GZPU, GZPV, GZPW, GZPX, MAJ P Y, GZPZ, GZQA, GZQB, GZQC, GZQD, GZQE, GZQF, GZQG, GZQH, GZ QI, GZQJ, GZQK, GZQL, GZQM, GZQN, GZQO, GZQP, GZQQ, GZQR, GZQS, GZQT, GZQU, GZQV, GZQW, GZQX, MAJ Q Y, GZQZ, GZRA, GZRB, GZRC, GZRD, GZRE, GZRF, GZRG, GZRH, GZ RI, GZRJ, GZRK, GZRL, GZRM, GZRN, GZRO, GZRP, GZRQ, GZRR, GZRS, GZRT, GZRU, GZRV, GZRW, GZRX, MAJ R Y, GZRZ, GZSA, GZSB, GZSC, GZSD, GZSE, GZSF, GZSG, GZSH, GZ SI, GZSJ, GZSK, GZSL, GZSM, GZSN, GZSO, GZSP, GZSQ, GZSR, GZSS, GZST, GZSU, GZSV, GZSW, GZSX, MAJ S Y, GZSZ, GZTA, GZTB, GZTC, GZTD, GZTE, GZTF, GZTG, GZTH, GZ TI, GZTJ, GZTK, GZTL, GZTM, GZTN, GZTO, GZTP, GZTQ, GZTR, GZTS, GZTT, GZTU, GZTV, GZTW, GZTX, MAJ T Y, GZTZ, GZUA, GZUB, GZUC, GZUD, GZUE, GZUF, GZUG, GZUH, GZ UI, GZUJ, GZUK, GZUL, GZUM, GZUN, GZ UO, GZUP, GZUQ, GZUR, GZUS, GZUT, GZ U V, GZUW, GZUX, MAJ U Y, GZUZ, GZVA, GZVB, GZVC, GZVD, GZVE, GZVF, GZVG, GZVH, GZ VI, GZVJ, GZVK, GZVL, GZVM, GZVN, GZVO, GZVP, GZVQ, GZVR, GZVS, GZVT, GZ V U, GZVV, GZ VW, GZ V X, MAJ V Y, GZVZ, GZWA, GZWB, GZWC, GZWD, GZWE, GZWF, GZWG, GZWH, GZ WI, GZWJ, GZWK, GZWL, GZWM, GZWN, GZWO, GZWP, GZWQ, GZWR, GZWS, GZWT, GZ W U, GZWV, GZ W X, MAJ W Y, GZWZ, GZXA, GZXB, GZXC, GZXD, GZXE, GZXF, GZXG, GZXH, GZ XI, GZXJ, GZXK, GZXL, GZXM, GZXN, GZ XO, GZXP, GZXQ, GZXR, GZXS, GZXT, GZ X U, GZXV, GZ X W, MAJ X Y, GZXZ, GZYA, GZYB, GZYC, GZYD, GZYE, GZYF, GZYG, GZYH, GZ YI, GZYJ, GZYK, GZYL, GZYM, GZYN, GZ YO, GZYP, GZYQ, GZYR, GZYS, GZYT, GZ Y U, GZYV, GZ Y W, GZ Y X, MAJ Y Y, GZYZ, GZZA, GZZB, GZZC, GZZD, GZZE, GZZF, GZZG, GZZH, GZ ZI, GZZJ, GZZK, GZZL, GZZM, GZZN, GZZO, GZZP, GZZQ, GZZR, GZZS, GZZT, GZZU, GZZV, GZZW, GZZX, MAJ Z Y, GZZZ.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MDJ, MDJA, MDJB, MDJC, MDJD, MDJE, MDJF, MDJG, MDJH, MDJ I, MDJJ, MDJK, MDJL, MDJM, MDJN, MDJO, MDJP, MDJQ, MDJR, MDJS, MDJT, MDJU, MDJV, MDJW, MDJX, MDJ Y, MDJZ, MDKA, MDKB, MDKC, MDKD, MDKE, MDKF, MDKG, MDKH, MD KI, MDKJ, MDKL, MDKM, MDKN, MDKO, MDKP, MDKQ, MDKR, MDKS, MDKT, MDKU, MDKV, MDKW, MDKX, MD K Y, MDKZ, MDLA, MDLB, MDLC, MDLD, MDLE, MDLF, MDLG, MDLH, MD LI, MDLJ, MDLK, MDLL, MDLM, MDLN, MDLO, MDLP, MDLQ, MDLR, MDLS, MDLT, MDLU, MDLV, MDLW, MDLX, MD L Y, MDLZ, MDMA, MDMB, MDMC, MDMD, MDME, MDMF, MDMG, MDMH, MD MI, MDMJ, MDMK, MDML, MDMN, MDMO, MDMP, MDMQ, MDMR, MDMS, MDMT, MDMU, MDMV, MDMW, MDMX, MD M Y, MDMZ, MDNA, MDNB, MDNC, MDND, MDNE, MDNF, MDNG, MDNH, MD NI, MDNJ, MDNK, MDNL, MDNM, MDNN, MDNO, MDNP, MDNQ, MDNR, MDNS, MDNT, MDNU, MDNV, MDNW, MDNX, MD N Y, MDNZ, MDOA, MDOB, MDOC, MDOD, MD OE, MD OF, MD OG, MD OH, MD OI, MD OJ, MD OK, MD OL, MD OM, MD ON, MD OO, MD OP, MD OQ, MD OR, MD OS, MD OT, MD OU, MD OV, MD OW, MD OX, MD O Y, MD OZ, MDPA, MDPB, MDPC, MDPD, MDPE, MDPF, MDPG, MDPH, MD PI, MDPJ, MDPK, MDPL, MDPM, MDPN, MDPO, MDPP, MDPQ, MDPR, MDPS, MDPT, MDPU, MDPV, MDPW, MDPX, MD P Y, MDPZ, MDQA, MDQB, MDQC, MDQD, MDQE, MDQF, MDQG, MDQH, MD QI, MDQJ, MDQK, MDQL, MDQM, MDQN, MDQO, MDQP, MDQQ, MDQR, MDQS, MDQT, MDQU, MDQV, MDQW, MDQX, MD Q Y, MDQZ, MDRA, MDRB, MDRC, MDRD, MDRE, MDRF, MDRG, MDRH, MD RI, MDRJ, MDRK, MDRL, MDRM, MDRN, MDRO, MDRP, MDRQ, MDRR, MDRS, MDRT, MDRU, MDRV, MDRW, MDRX, MD R Y, MDRZ, MDSA, MD SB, MDSC, MDSD, MDSE, MD SF, MD SG, MD SH, MD SI, MD SJ, MD SK, MD SL, MD SM, MD SN, MD SO, MD SP, MD SQ, MD SR, MD SS, MD ST, MD SU, MD SV, MD SW, MD SX, MD S Y, MD SZ, MDTA, MDTB, MDTC, MDTD, MDTE, MDTF, MDTG, MDTH, MD TI, MD TJ, MD TK, MD TL, MD TM, MD TN, MD TO, MD TP, MD TQ, MD TR, MD TS, MD TT, MD TU, MD TV, MD TW, MD TX, MD T Y, MD TZ, MDUA, MDUB, MDUC, MDUD, MDUE, MDUF, MDUG, MDUH, MD UI, MD UJ, MD UK, MD UL, MD UM, MD UN, MD UO, MD UP, MD UQ, MD UR, MD US, MD UT, MD U V, MD U W, MD UX, MD U Y, MDUZ, MDVA, MDVB, MDVC, MDVD, MDVE, MDVF, MDVG, MDVH, MD VI, MD VJ, MD VK, MD VL, MD VM, MD VN, MD VO, MD VP, MD VQ, MD VR, MD VS, MD VT, MD V U, MD VV, MD VW, MD V X, MD V Y, MDVZ, MDWA, MDWB, MDWC, MDWD, MDWE, MDWF, MDWG, MDWH, MD WI, MD WJ, MD WK, MD WL, MD WM, MD WN, MD WO, MD WP, MD WQ, MD WR, MD WS, MD WT, MD W U, MD WV, MD W X, MD W Y, MDWZ, MDXA, MDXB, MDXC, MDXD, MDXE, MDXF, MDXG, MDXH, MD XI, MD XJ, MD XK, MD XL, MD XM, MD XN, MD XO, MD XP, MD XQ, MD XR, MD XS, MD XT, MD X U, MD XV, MD X W, MD X Y, MDXZ, MDYA, MDYB, MDYC, MDYD, MDYE, MDYF, MDYG, MDYH, MD YI, MD YJ, MD YK, MD YL, MD YM, MD YN, MD YO, MD YP, MD YQ, MD YR, MD YS, MD YT, MD Y U, MD YV, MD Y W, MD Y X, MD Y Y, MDYZ, MDZA, MDZB, MDZC, MDZD, MDZE, MDZF, MDZG, MDZH, MD ZI, MD ZJ, MD ZK, MD ZL, MD ZM, MD ZN, MD ZO, MD ZP, MD ZQ, MD ZR, MD ZS, MD ZT, MD ZU, MD ZV, MD ZW, MD ZX, MD Z Y, MDZZ.

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=77, 20 25 22.4 -0.7).

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=77, 70.11 19 P Iamb).

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=77, 77.52 299 P P).

SML	Sawmill	82.43	21	P	Iamb	Iamb	20 26 59.2	-0.8
SML	comp-Z,772nm,0.9s						20 27 16.8	
SML	comp-Z,628um,20.0s				IAMs_20	IAMs_20	20 59 09.3	
RAMN	Ramite	82.46	299	eP	P	P	20 26 59.7	-1.5
CHLP	Challavanipeta	82.47	291	eP	Iamb	Iamb	20 27 00.8	-0.3
CHLP	comp-Z,991nm,1.7s						20 27 14.5	
CHLP	comp-Z,27um,33.1s				IVMs_BB	IVMs_BB	20 56 16.8	
EYAK	Cordova Ski Ar	82.58	23	P	Iamb	Iamb	20 27 00.1	-0.6
EYAK	comp-Z,830nm,1.2s						20 27 12.3	
KTH	Kantishna Hill	82.73	19	P	Iamb	Iamb	20 27 00.2	-1.3
KTH	comp-Z,594nm,0.8s				IAMs_20	IAMs_20	20 58 38.1	
PAF	Port-aux-Franc	82.81	221	P	P	P	20 27 01.9	-0.4
PAF	comp-Z,1um,1.1s				MLR	MLR		
PAF	comp-Z,557um,18.0s						20 27 01.9	-0.4
PAF	Port-aux-Franc	82.81	221	P	Iamb	Iamb	20 27 13.4	
PAF	comp-Z,1um,1.1s				IAMs_20	IAMs_20	21 01 25.3	
SCM	Sheep Creek Mo	82.81	22	P	P	P	20 27 01.4	-0.6
SCM	comp-Z,2um,1.1s						20 27 01.4	-0.6
SCM	Sheep Creek Mo	82.81	22	P	Iamb	Iamb	20 27 01.4	-0.6
SCM	comp-Z,2um,1.1s						20 27 32.2	
RAGM	Ragged Mountai	82.90	24	P	Iamb	Iamb	20 27 01.8	-0.6
RAGM	comp-Z,2um,1.3s				IAMs_20	IAMs_20	20 56 32.6	
RDOG	Red Dog Mine	82.96	13	P	Iamb	Iamb	20 27 02.1	-0.4
RDOG	comp-Z,469um,19.0s						20 27 09.1	
RDOG	comp-Z,713nm,0.9s				IAMs_20	IAMs_20	21 01 48.1	
JIRN	Jiri	83.01	300	eP	S	S	20 27 02.9	-1.3
PALK	Pallekele	83.08	279	eP	S	S	20 27 26.5	+2.3
PALK	comp-Z,34nm,0.9s,baz=113,slow=4.0,SNR=5.9				LR	LR	21 09 41.1	
PALK	Pallekele	83.08	279	eP	P	P	20 27 05.8	+1.4
PALK	Pallekele	83.08	279	eP	P	P	20 27 04.4	0.0
PALK	comp-Z,2um,1.3s				MLR	MLR		
PALK	comp-Z,284um,18.0s						20 27 04.4	0.0
PALK	Pallekele	83.08	279	eP	Iamb	Iamb	20 27 16.9	
BPWA	Bear Paw Mtn.	83.09	19	P	IAMs_20	IAMs_20	21 07 01.8	-1.6
BPWA	comp-Z,499um,19.0s						21 01 58.6	
MAW	Mawson	83.19	202	P	P	P	20 27 03.2	-0.6
MAW	comp-Z,294nm,1.2s,baz=83,SNR=113						20 27 03.8	-0.1
MAW	Mawson	83.19	202	P	P	P	20 27 03.8	-0.1
MAW	comp-Z,294nm,1.2s,baz=83,slow=6.7,SNR=41						20 45 27.1	0.0
MAW	comp-Z,10nm,0.7s,baz=272,slow=4.0,SNR=11				P	P'df	20 53 27.6	-4.8
MAW	comp-Z,7.5nm,1.0s,baz=261,slow=4.0,SNR=6.6				LR	LR	20 59 59.1	
MAW	comp-Z,194um,20.1s,baz=88,slow=33						20 27 03.5	-0.3
MAW	Mawson	83.19	202	P	P	P	20 27 03.5	-0.3
MAW	comp-Z,1um,2.0s				Iamb	Iamb	20 27 24.1	
RND	Reindeer	83.32	20	P	P	P	20 27 03.5	-1.1
RND	comp-Z,3um,1.5s				MLR	MLR		
RND	Reindeer	83.32	20	P	IAMs_20	IAMs_20	20 27 03.5	-1.1
RND	comp-Z,419um,20.0s						21 03 00.5	
GUN	Gumba	83.34	300	eP	P	P	20 27 04.7	-1.2
MCK	McKinley	83.35	20	P	P	P	20 27 04.3	-1.2
MCK	comp-Z,2um,1.0s				MLR	MLR		
MCK	comp-Z,576um,20.0s						20 27 04.3	-1.2
MCK	McKinley	83.35	20	P	Iamb	Iamb	20 27 12.0	
MCK	comp-Z,2um,1.0s				IAMs_20	IAMs_20	20 58 30.8	
DHY	Denali Highway	83.60	21	P	Iamb	Iamb	20 27 05.5	-0.7
DHY	comp-Z,1um,1.3s						20 27 17.7	
IMAR	Indian Mountai	83.61	17	P	P	P	20 27 05.0	-0.9
BWN	Browne	83.63	19	P	P	P	20 27 05.3	-0.8
PKI	Pulchoki	83.65	300	eP	P	P	20 27 06.0	-1.5
RPN	Rapa Nui	83.66	116	P	P	P	20 27 11.0	+3.8
RPN	comp-Z,802nm,1.2s,baz=338,slow=5.5,SNR=8.8				LR	LR	20 58 30.5	
RPN	comp-Z,77um,20.1s,baz=262,slow=32						20 27 06.5	-0.7
RPN	Rapa Nui	83.66	116	P	P	P	20 27 06.5	-0.7
RPN	comp-Z,3um,1.3s				MLR	MLR		
RPN	comp-Z,122um,21.0s						20 27 06.5	-0.7
RPN	Rapa Nui	83.66	116	P	P	P	20 27 05.9	-1.5
PKIN	Phulchoki	83.73	24	P	P	P	20 27 06.3	-0.6
MLY	Manley	83.82	18	P	Iamb	Iamb	20 27 05.9	-1.2
MLY	comp-Z,1um,1.2s				IAMs_20	IAMs_20	21 00 46.7	
KKN	Kakani	83.82	300	eP	P	P	20 27 06.5	-1.7
TGL	Tana Glacier	83.85	24	P	P	P	20 27 07.0	-0.4
GLB	Gilahina Butte	83.88	23	P	Iamb	Iamb	20 27 06.8	-0.7
GLB	comp-Z,2um,1.4s						20 27 19.1	
VRDI	Verde Repeater	83.89	23	P	P	P	20 27 06.5	-1.2
DMN	Daman	83.92	300	eP	P	P	20 27 07.4	-1.3
NEA	Nenana	84.03	19	IAMs_20	IAMs_20		20 59 08.7	
MCARA	McCarthy VSAT	84.15	23	P	P	P	20 27 08.2	-0.6
PAX	Paxson	84.20	21	P	P	P	20 27 08.2	-1.0
PAX	comp-Z,261nm,1.0s				MLR	MLR		
PAX	comp-Z,651um,20.0s						20 27 08.2	-1.0
PAX	Baldy	84.21	24	P	P	P	20 27 08.9	-0.4
WRH	Wood River Hil	84.28	19	P	Iamb	Iamb	20 27 08.1	-1.3
WRH	comp-Z,1um,1.0s						20 27 21.6	
GKN	Gorkha	84.43	300	eP	P	P	20 27 09.5	-1.7
CCB	Clear Creek Bu	84.48	19	Iamb	Iamb	Iamb	20 27 08.7	-1.7
CCB	comp-Z,689nm,0.8s						20 27 14.1	
BARN	Barnard Glacier	84.49	24	P	P	P	20 27 10.5	-0.4
PCA	Pinnacle	84.52	25	IAMs_20	IAMs_20		20 57 30.1	
MDM	Murphy Dome	84.55	19	P	IAMs_20	IAMs_20	20 27 09.3	-1.5
MDM	comp-Z,349um,20.0s						21 01 48.2	
CTGM	Chitina Glacie	84.57	24	P	P	P	20 27 10.2	-0.9
HDA	Harding Lake	84.61	20	P	P	P	20 27 10.0	-1.1
HDA	comp-Z,230,SNR=1000						20 27 10.1	-1.0
HDA	Harding Lake	84.61	20	P	IAMs_20	IAMs_20	21 02 16.8	
TCOL	CIGO_UAF Yank	84.62	19	P	P	P	20 27 09.7	-1.3
COLA	College	84.62	19	IAMs_20	IAMs_20		20 59 25.9	
H02N1	VAN INLET T-PH	84.77	33	P	P	P	20 27 14.6	+2.3
H02N1	SNR=158				T	T	22 00 33.6	
DIB	Dawson Inlet,	84.79	33	P	IAMs_20	IAMs_20	20 27 11.9	-0.3
DIB	SNR=3251						20 58 53.9	

H02S1	DAWSON INLET T	84.79	33	P	P	P	20 27 14.5	+2.3
H02S1	SNR=479						22 00 26.7	
MENT	Mentasta	84.82	22	P	P	P	20 27 11.9	-0.3
DHAK	Deception Hill	84.85	27	P	P	P	20 27 12.1	-0.3
IL31	IL31	84.87	20	P	Iamb	Iamb	20 27 10.9	-1.4
IL31	comp-Z,2um,1.4s						20 27 10.8	-1.6
ILAR	Eielson Array	84.87	20	P	P	P	20 32 26.6	+1.8
ILAR	comp-Z,7.5nm,0.8s,baz=239,slow=5.4,SNR=140				PKIKP	PKIKP	20 37 38.3	-1.7
ILAR	comp-Z,3.6nm,0.6s,baz=179,slow=15,SNR=5.2				S	S	20 45 22.3	-1.7
ILAR	comp-Z,4.2nm,0.6s,baz=345,slow=1.6,SNR=11				PKPKPbc	PKPKPbc	20 53 23.2	-1.1
ILAR	comp-Z,3.9nm,1.1s,baz=356,slow=0.7,SNR=5.4				P	P'df	20 59 01.1	
ILAR	comp-Z,404um,21.3s,baz=234,slow=31						20 27 10.6	-1.8
ILAR	Eielson Array	84.87	20	P	P	P	20 27 10.6	-1.8
RIDG	Independent Ri	84.91	21	P	P	P	20 27 12.2	-0.5
POK	Poker Plat Res	84.91	19	P	P	P	20 27 11.1	-1.5
MOBC	Moresby Island	85.04	33	P	IAMs_20	IAMs_20	20 27 13.5	0.0
MOBC	comp-Z,364um,20.0s						20 27 13.8	0.0
SIT	Sitka	85.14	29	P	P	P	20 27 26.3	
SIT	comp-Z,614nm,1.2s				MLR	MLR		
SIT	comp-Z,851um,19.0s						20 27 13.8	0.0
SIT	Sitka	85.14	29	P	Iamb	Iamb	20 27 14.4	-0.8
MYLAV	Mylavaram	85.22	288	eP	Iamb	Iamb	20 27 25.5	
MYLAV	comp-Z,336um,1.0s				IVMs_BB	IVMs_BB	20 59 34.6	
MYLAV	comp-Z,42um,31.7s						20 27 13.5	-2.1
DANN	Dangsing	85.27	300	eP	P	P	20 27 14.9	-0.4
KCPM	Cahto Peak	85.31	48	P	Iamb	Iamb	20 27 27.0	
KCPM	comp-Z,2um,1.3s				IAMs_20	IAMs_20	20 59 28.9	
MCCM	Marconi Confer	85.35	50	P	P	P	20 27 15.2	-0.1
MCCM	comp-Z,413um,19.0s						20 58 03.3	
JCC	Jacoby Creek	85.35	47	P	Iamb	Iamb	20 27 14.6	-0.7
JCC	comp-Z,612um,20.0s						20 27 15.7	0.0
SCRK	Sand Creek	85.35	21	P	IAMs_20	IAMs_20	21 01 01.4	
SCRK	comp-Z,612um,20.0s						20 58 13.2	
KMRM	KMRM Mail Ridge	85.39	48	P	IAMs_20	IAMs_20	20 58 13.2	
KMRM	comp-Z,436um,20.0s						20 27 15.9	-0.3
SKHT	Srikalahasti	85.42	285	eP	Iamb	Iamb	20 27 26.9	
SKHT	comp-Z,559nm,1.2s				IVMs_BB	IVMs_BB	21 13 08.8	
SKHT	comp-Z,37um,18.2s						20 27 15.4	-0.6
HOPS	Hopland Field	85.47	49	P	Iamb	Iamb	20 27 27.6	
HOPS	comp-Z,2um,1.6s				IAMs_20	IAMs_20	20 59 24.4	
HOPS	comp-Z,431um,19.0s						20 27 15.2	-0.2
COLD	Coldfoot	85.50	17	P	IAMs_20	IAMs_20	21 01 42.1	
COLD	comp-Z,561um,20.0s						20 27 15.3	-0.9
BCAR	Beaver Creek A	85.61	22	P	IAMs_20	IAMs_20	20 58 23.4	
GDMX	Geyser	85.62	49	P	Iamb	Iamb	20 27 16.2	-1.1
ADKI	Addanki	85.64	287	eP	Iamb	Iamb	20 27 27.5	
ADKI	comp-Z,196nm,1.1s				IVMs_BB	IVMs_BB	20 57 14.8	
TIXI	Tiksi	85.65	350	eP	P	P	20 53 26.2	
TIXI	comp-Z,2.3nm,0.9s,baz=3.5,slow=2.8,SNR=3.8				LR	LR	21 02 57.1	
TIXI	comp-Z,244um,21.9s,baz=140,slow=34				P	P	20 27 14.3	-1.8
TIXI	comp-Z,1um,1.6s				MLR	MLR		
TIXI	Tiksi	85.65	350	eP	Iamb	Iamb	20 27 14.8	-1.3
TIXI	comp-Z,295um,18.0s						20 27 24.4	
TIXI	comp-Z,1um,1.4s				IAMs_20	IAMs_20	21 03 27.9	
PRP	Porcupine Dome	85.79	19	P	IAMs_20	IAMs_20	20 59 58.9	
SAO	San Andreas Ge	86.02	51	P	P	P	20 27 17.9	-0.9
SAO	comp-Z,397um,20.0s						20 27 30.4	
SAO	comp-Z,1um,1.5s						20 27 17.9	-0.9
SAO	comp-Z,624um,20.0s						20 27 17.9	-0.9
SAO	San Andreas Ge	86.02	51	P	Iamb	Iamb	20 27 30.4	
O02D	Mt. Diablo Mer	86.05	48	P	S	S	20 27 19.0	+0.1
O02D	comp-Z,252,SNR=240						20 27 55.5	

12d 20h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like J04D Umpqua Nationa, C04S Catalina Islan, VOG Valley Oaks Go, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TIN Tinemaha, LRMC Laurel Mtn Rad, G05D Wamic, OR, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WVOR Wild Horse Val, WVOR Wild Horse Val, WVOR Wild Horse Val, etc.

SSPA	baz=283,SNR=26	119.92	50	Pdiff	Pdiff	20 29 53.3 +1.3	N58A	comp=Z,332um,22.0s	120.75	49	Pdiff	Pdiff	20 29 56.7 +1.0	M59A	baz=288	121.54	48	Pdiff	Pdiff	20 30 01.2 +2.1	
SSPA	baz=281			PKIKP	pPKP	20 33 31.2 -0.3	N58A	baz=282,SNR=35			PKIKP	PKIKP	20 33 30.9 +0.4	M59A	baz=284,SNR=36	121.55	44	PKIKP	PKIKP	20 33 33.5 +1.7	
SSPA	baz=281	119.92	50	PKIKP	PKIKP	20 33 28.9 0.0	N58A	Sunbury	120.75	49	PKPpdf	PKPpdf	20 33 30.1 -0.2	G58A	Ormsworth	121.54	44	PKIKP	PKIKP	20 33 33.5 +1.7	
Z59A	Georgetown, SC	119.94	58	PKIKP	PKIKP	20 33 30.5 +1.4	SCO	Scoresbysund	120.77	2	iP	PKPpdf	20 33 29.4 -0.1	W61A	Ground Anchor	121.57	56	PKIKP	PKIKP	20 33 32.8 +0.6	
CBCY	The Bluff, Jay	120.03	74		PKPpdf	20 33 29.3 -0.3	SCO	Cliffs of the	120.77	2	PKIKP	PKPpdf	20 33 29.4 -0.1	KTUT	Trabzon	121.62	311	UP	PKIKP	20 33 40.8 +8.6	
JM1C	Jan Mayen	120.03	356	ePdiff	PKIKP	20 29 55.4 +3.6	SCO	Scoresbysund	120.77	2	IAMS_20	IAMS_20	21 20 39.8	K59A	Cooperstown	121.65	46	Pdiff	PKIKP	20 30 00.5 +0.9	
JM1C				eP	PKIKP	20 34 54.3 +2.0	SCO							K59A	baz=285,SNR=13			PKIKP	PKIKP	20 33 32.3 +0.1	
JM1C				eSKSac	PKIKP	20 44 44.8 +2.3	SCO							L59A	Walton	121.66	47	Pdiff	Pdiff	20 30 00.9 +1.1	
JM1C				eS	PKIKP	20 51 14.4 -3.0	SCO							L59A	baz=284,SNR=12			PKIKP	PKIKP	20 33 32.7 +0.4	
JM1C				IVMs_BB	PKIKP	21 12 00.3	SCO							L59A	Walton	121.66	47	PKPpdf	PKPpdf	20 33 31.7 -0.4	
P57A	Homestead Farm	120.05	51	Pdiff	Pdiff	20 29 52.6 +0.1	SCO	Carthage	120.78	45	Pdiff	Pdiff	20 29 57.4 +1.6	YOTC	Yotoco, Valle	121.67	92	eP	PKPpdf	20 33 32.6 -0.4	
P57A	baz=280,SNR=25			PKIKP	pPKP	20 33 31.0 -0.8	SCO	baz=285			PKIKP	PKIKP	20 33 30.9 +0.5	H58A	Gabriels	121.68	44	Pdiff	PKIKP	20 30 02.4 +2.7	
P57A	Homestead Farm	120.05	51		PKIKP	20 33 29.4 +0.3	M58A	Price's Panora	120.82	48	Pdiff	Pdiff	20 29 58.0 +2.0	H58A	baz=286,SNR=22			PKIKP	PKIKP	20 33 32.7 +0.5	
D55A	Sainte-Anne-du	120.07	42	Pdiff	Pdiff	20 29 51.7 -0.7	M58A	baz=283			PKIKP	PKIKP	20 33 30.9 +0.2	LATQ	La Tuque	121.70	41	PKIKP	PKIKP	20 33 33.5 +1.3	
D55A	baz=287				PKIKP	20 33 29.8 +0.8	M58A	baz=283,SNR=24			PKIKP	PKIKP	20 33 31.1 +0.6	LATQ	La Tuque	121.70	41	PKIKP	PKPpdf	20 33 31.5 -0.4	
T58A	Grand View Acr	120.07	54	Pdiff	Pdiff	20 29 53.3 +0.6	H57A	Richville	120.83	45	Pdiff	Pdiff	20 29 57.5 +1.5	E58A	La Victoria	121.70	42	PKIKP	PKPpdf	20 33 31.9 -0.1	
T58A	baz=279,SNR=23				PKIKP	20 33 30.4 +1.1	H57A	baz=285,SNR=24			PKIKP	PKIKP	20 33 31.0 +0.2	J59A	Piesco	121.72	46	Pdiff	Pdiff	20 30 02.2 +2.2	
BATM	Batumi	120.07	312	UP	PKIKP	20 33 31.2 +2.1	CNCC	Cliffs of the	120.84	56	PKIKP	PKIKP	20 33 31.0 +0.2	J59A	baz=286,SNR=23			PKIKP	PKPpdf	20 33 31.9 -0.3	
BATM	Batumi	120.07	312	PKIKP	PKIKP	20 33 31.2 +2.1	CNCC	Cliffs of the	120.84	56	IAMS_20	IAMS_20	21 19 55.0	J59A	Piesco	121.72	46	PKPpdf	PKPpdf	20 33 31.7 -0.5	
PSGCX	Pisagua	120.09	120		PKPpdf	20 29 53.6 +0.9	T59A	Double "B" Far	120.84	54	Pdiff	Pdiff	20 29 57.8 +1.7	J59A	baz=286,SNR=23			IAMS_20	IAMS_20	21 24 04.5	
J56A	Wolcott	120.10	46	Pdiff	Pdiff	20 29 53.6 +0.9	T59A	Double "B" Far	120.84	54	Pdiff	Pdiff	20 29 57.8 +1.7	D58A	Chemin du LacG	121.73	41	Pdiff	Pdiff	20 29 59.5 -0.4	
J56A	baz=284,SNR=19				PKIKP	20 33 29.9 +0.8	T59A	Double "B" Far	120.84	54	PKIKP	PKIKP	20 33 31.3 +0.6	D58A	baz=289,SNR=16			PKIKP	PKPpdf	20 33 31.8 -0.2	
J56A	Wolcott	120.10	46	IAMS_20	PKPpdf	20 33 28.7 -0.3	G001	comp=Z,297um,21.0s	120.84	121		PKIKP	PKIKP	20 33 31.9 0.0	NCB	Newcomb	121.77	45	PKPpdf	PKPpdf	20 33 31.8 -0.5
U58A	Oxford	120.14	54	Pdiff	Pdiff	20 29 52.8 -0.2	X60A	Albert Glenn T	120.86	56	PKIKP	PKIKP	20 33 31.4 +0.6	P60A	Greenville	121.78	50	Pdiff	Pdiff	20 30 01.7 +1.5	
U58A	baz=278				PKIKP	20 33 30.3 +0.9	PAGS	Pennsylvania G	120.88	50		PKPpdf	PKPpdf	20 33 30.3 -0.3	P60A	baz=282,SNR=13			PKIKP	PKPpdf	20 33 32.2 -0.1
GCUF	Volcan Galeras	120.14	95	eP	PKIKP	20 33 31.1 +0.4	N74	Mont Tremblant	120.90	43	Pdiff	PKPpdf	20 33 30.3 -0.3	Q60A	Greenville	121.78	50	PKIKP	PKPpdf	20 33 31.7 -0.7	
N57A	Milroy	120.15	49	Pdiff	Pdiff	20 29 54.6 +1.6	S59A	Mechanicsville	120.91	53	Pdiff	Pdiff	20 29 56.7 +0.3	Q60A	baz=282			PKIKP	PKIKP	20 33 33.5 +0.9	
N57A	baz=282,SNR=57				PKIKP	20 33 31.1 -0.8	S59A	baz=280,SNR=5.2			PKIKP	PKIKP	20 33 31.0 +0.2	O60A	Greensboro	121.79	51	IAMS_20	IAMS_20	21 18 15.0	
BCA	Borka	120.16	311	UP	PKPpdf	20 33 29.1 -0.1	F57A	Harrington	120.93	43	Pdiff	Pdiff	20 29 57.3 +1.0	LUPA	comp=Z,247um,21.0s			PKPpdf	PKPpdf	20 33 32.3 -0.1	
SFJD	Kangerlussuaq	120.17	14	PKKpPbc	PKKpPbc	20 43 37.4 -1.1	F57A	baz=287			PKIKP	PKIKP	20 33 30.9 +0.3	V61A	Roper	121.81	49	PKIKP	PKIKP	20 33 33.6 +0.9	
SFJD	Kangerlussuaq	120.17	14	PKIKP	PKIKP	20 33 29.3 +0.8	G57A	Newington	120.94	44	Pdiff	Pdiff	20 29 55.2 -1.1	V61A	baz=279			IAMS_20	IAMS_20	21 23 50.8	
SFJD	Kangerlussuaq	120.17	14	PKIKP	PKIKP	20 33 28.5 0.0	G57A	baz=286,SNR=12			PKIKP	PKIKP	20 33 31.1 +0.5	U61A	comp=Z,200um,19.0s			PKIKP	PKIKP	20 33 33.1 +0.4	
SFJD	Kangerlussuaq	120.17	14	IAMS_20	PKPpdf	20 21 21 32.3	MOR8	Moi Rana	120.94	345	ePdiff	Pdiff	20 29 56.7 +0.7	O60A	comp=Z,285um,22.0s			PKIKP	PKIKP	20 33 32.9 +0.2	
O57A	Ambersson	120.19	50	Pdiff	Pdiff	20 29 55.0 +1.8	MOR8	MOR8			eP	PKPpdf	20 34 57.6 -1.1	FLOC	Florence	121.87	95	eP	PKIKP	20 33 34.0 +0.4	
O57A	baz=281,SNR=52				PKIKP	20 33 31.2 -0.9	MOR8	MOR8			eP	PKPpdf	20 34 58.4 -0.3	FLOC	Florence	121.87	95	eP	PKKpPbc	20 43 36.5 +5.6	
H56A	Elgin	120.20	45	PKIKP	PKIKP	20 33 30.2 +0.9	MOR8	MOR8			eSKSac	PKIKP	20 40 29.1 +1.5	PSUB	Penn St - Bra	121.89	50	eP	PKKpPbc	20 33 31.6 -1.0	
R58A	Rapidan	120.26	52	Pdiff	Pdiff	20 29 55.8 +2.2	R59A	King George, V	120.97	52	PKIKP	PKIKP	20 33 31.3 +0.3	N60A	San Jos del P	121.89	91	eP	PKKpPbc	20 30 34.1 +0.5	
R58A	baz=280,SNR=20				PKIKP	20 33 29.2 -0.3	BINY	Binghamton	120.98	47	Pdiff	Pdiff	20 29 59.0 +2.3	N60A	Old Hill Far	121.94	49	Pdiff	Pdiff	20 30 02.3 +1.4	
M57A	Sunshine Farm,	120.34	49	Pdiff	Pdiff	20 29 55.9 +2.1	BINY	baz=284,SNR=12			PKIKP	PKIKP	20 33 31.3 +0.3	H59A	baz=284,SNR=14			PKIKP	PKIKP	20 33 33.4 +0.6	
M57A	baz=282,SNR=42				PKIKP	20 33 31.2 +1.6	BINY	Binghamton	120.98	47	PKPpdf	PKPpdf	20 33 30.9 -0.1	H59A	Cadyville	121.95	44	Pdiff	Pdiff	20 30 01.7 +0.8	
M57A	Sunshine Farm,	120.34	49	Pdiff	PKPpdf	20 33 29.2 -0.4	KONS	Konsvik	121.00	346	eP	PKPpdf	20 34 59.0 0.0	FRNY	Flat Rock	121.96	44	IAMS_20	PKPpdf	20 33 31.7 -0.8	
S58A	Poland Farm, P	120.34	53	Pdiff	Pdiff	20 29 55.6 +1.7	W60A	Pink Hill	121.01	56	PKIKP	PKIKP	20 33 31.7 +0.6	FRNY	FRNY			IAMS_20	PKPpdf	21 25 01.9	
S58A	baz=279,SNR=8.8				PKIKP	20 33 29.9 +0.1	SOC	Sochi	121.03	314	iP	Pdiff	20 29 56.0 -0.8	SCHO	comp=Z,246um,19.0s			PKP	PKPpdf	20 33 32.5 0.0	
S58A	Poland Farm, P	120.34	53	IAMS_20	PKIKP	20 33 29.7 0.0	SOC	SOC			ePPP	PPP	20 37 29.1	SCHO	comp=Z,36m,0.8s,ba=352,slow=2.3,SNR=29			PKKpPbc	PKKpPbc	20 43 31.3 +0.1	
S58A	baz=281				PKIKP	21 19 21.8	SOC	SOC			eP	SP	20 40 27.6	SCHO	comp=Z,12m,0.9s,ba=104,slow=5.2,SNR=5.3			PKKpPbc	PKKpPbc	20 33 31.9 -0.5	
X59A	McDuffie Farm,	120.35	57	Pdiff	Pdiff	20 29 54.4 +0.4	SOC	SOC			eSS	SSS	20 51 30.4 -1.8	I59A	Olmsteadville	122.06	31	Pdiff	PKPpdf	20 30 02.5 +1.1	
X59A	baz=277				PKIKP	20 33 30.2 +0.3	SOC	comp=Z,311m,1.3s			MLR	MLR	20 56 03.7	I59A	baz=286,SNR=20			PKIKP	PKIKP	20 33 33.5 +0.6	
PB12	IPOC Station P	120.35	119		PKPpdf	20 33 29.9 -0.5	SOC	comp=Z,246um,20.0s			PKIKP	PKIKP	20 33 33.4 +0.9	MTDJ	Mount Denham	122.08	76	PKPpdf	PKPpdf	20 33 33.6 0.0	
W59A	Clinton	120.40	56	Pdiff	Pdiff	20 29 54.5 +0.3	POTA	Rioblanco	121.05	94	eP	PKIKP	20 33 33.4 +0.9	GARC	Garzon, Huila	122.15	95	eP	PKPpdf	20 33 33.5 -0.6	
W59A	baz=278				PKIKP	20 33 30.3 +0.4	POPC	Popayan, Colom	121.07	94	eP	PKKpPbc	20 43 34.4 +0.2	VSU	Garzon, Huila	122.15	95	eP	PKKpPbc	20 43 29.5 -0.6	
Q58A	Fox Den Farm,	120.40	51	Pdiff	Pdiff	20 29 55.7 +1.6	K58A	Earlville	121.09	47	Pdiff	PKKpPbc	20 29 59.2 +2.0	V62A	Hyde County Ai	122.32	55	eP	PKKpPbc	20 35 00.0 -7.1	
Q58A	baz=280				PKIKP	20 33 29.3 -0.5	K58A	baz=284,SNR=16			PKIKP	PKIKP	20 33 31.5 +0.4	G59A	Clarenceville	122.17	43	PKIKP	PKIKP	20 33 33.6 +0.6	
L57A	Andrews Acres	120.40	48	Pdiff	Pdiff	20 29 54.5 +0.4	K58A	Earlville	121.09	47	IAMS_20	PKPpdf	20 31 20.0 0.0	E59A	St. Maurice	122.17	42	PKIKP	PKIKP	20 33 33.9 +0.9	
L57A	baz=283,SNR=41				PKIKP	20 33 29.9 +0.1	D57A	Chemin Vers le	121.10	42	Pdiff	Pdiff	20 29 59.5 +2.4	M60A	Port Jervis	122.18	48	Pdiff	Pdiff	20 30 02.1 +0.1	
PB11	IPOC Station P	120.41	121		PKPpdf	20 33 30.5 0.0	L58A	Harry Jones Me	121.11	48	Pdiff	Pdiff	20 29 58.3 +1.0	F59A	Saint Guillaume	122.19	43	Pdiff	Pdiff	20 30 03.7 +1.8	

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 061A Allentown, 061A Lant Hill Farm, 061A South Mountain, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 061A Minsk, 061A Kiliima Mbogo, 061A West of Eustis, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 061A Matopo, 061A Matopo, 061A Matopo, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like MAW Mawson, PALK Pallekele, RND Reindeer, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like F04A Amboy, K05A Summer Lake, E04D Cinebar, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like ARCES ARCESS Array B, TKL Tuckaleechee C, GROG Groznyy, etc.

12D 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like FORT, UGM, KRSR, USAOB, etc.

12D 20:49:50.6-0.4, 11.455S, 162.59E, h0km, mb4.8/35, mb1.4/37, mb1mx4.8/54, mb1mp4.8/37, ML4.8/2, Error ellipse: s-maj=14.3km s-min=11.3km az=96.0

NEIC 12:20:49:51.8-1.3, 11.455S, 0107.162, 62E, 0.09, h10km, 3km, mb5.0/100, Error ellipse: s-maj=13.5km s-min=8.6km az=55.0

BUI 12:20:49:55.0-5.0, 11.205S, 162.56E, h43km, mb5.1/29

ISL 12:20:49:55.6-0.3, 11.515S, 005.162, 64E, 0.06, h3km, n278, s1504/278, mb4.9/86, 15C-13D, Bougainville-Solomon

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, S, ISC. Lists various stations and their coordinates.

2014 APR

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KSM, TPUB, JUNU, SSSLB, etc.

900

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SCRR, BCAR, DANN, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like KEST Kesra, CMAH Djabel Manchou, ABSA Djabel Ababsia, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like LUWI Luwuk, LUWI APSI, SNI Sanana, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like RPSI, FITZ Fitzroy Crossi, INU Iunuma, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like ASAR Alice Springs, SONM Songo Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like SAUI Saumlaki, EDFI Ende, SOEI Soe, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like WRA Warrungarra Arr, WRB Warrungarra Arr, WRO Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, SONM Songo Array, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like JAY Jayapura, GUMO Guam, PLAI Plampang, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like PSAO Pilbara Seismi, PBA Port Blair, QIS Mount Isa, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like MAN 121:50:49.2, DJA 121:50:52.0, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like JAGI Jajag, SMRI Semarang, SMRI Semarang, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, WRKA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like NEIC 121:50:53.5, KLM 121:50:54.0, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like UGM Wanagama, YOGI Yogyakarta, MTN Mantion Dam, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like HHC comp=Z,8.0nm,1.1s, HHC comp=N,10um,17.9s, HHC comp=E,6um,17.1s, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like SCPH Surigao, BUTP Butuan, CGP Cagayan de Oro, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like WHN Wuhan, KDU Kakadu, SLVN Son La, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC. Includes stations like HIA Hailar, MORW Morawa, MORW Morawa, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like GHO Glory Hole Cre, RND Reindeer, KLMR Klimovskoe, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like ASAR Alice Springs, SONM Songo Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IMEH Mehriz, IRAM Rameshah, ISAD Sadrabad, BSY Bisya, RAYN Ar Rayn.

IDC 12 22:18:46.4-0.6, 11:52S; 162:50E, h0km, mb4.2/23, mb1.4, 3/24, mb1mx4.2/52, mbmp4.2/24, ML3.9/1, Error ellipse: s-maj=20.8km s-min=14.4km az=100.0

NEIC 12 22:18:47.7-1.4, 11:51S; 0:09:162:60E:0.1, h10km, 1km, mb4.0/40, Error ellipse: s-maj=18.3km s-min=11.8km az=42.0

ISC 12 22:18:47.6-0.4, 11:52S; 0:07:162:59E:0.08, h10km, n93, c134/84, mb4.5/41, 2D, Bougainville-Solomon Islands region

Main station list table for the first section, including stations like HNR Honiara, HNR Mont Dzumac, PMG Port Moresby, COEN Coen, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ILAR Eielson Array, BCAR Beaver Creek, WMAQ Urumqi, NVAR Mina Array, etc.

NEIC 12 22:20:15.8-1.5, 11:8S; 0:1:162:7E:0.2, h10km, 1km, mb4.5/15, Error ellipse: s-maj=28.0km s-min=18.6km az=76.0

IDC 12 22:20:15.4-0.9, 11:53S; 162:48E, h0km, mb4.2/13, mb1.4, 2/14, mb1mx4.0/53, mbmp4.1/14, ML3.3/1, Error ellipse: s-maj=30.7km s-min=19.5km az=95.0

ISC 12 22:20:16.1-0.6, 11:69S; 0:09:162:6E:0.1, h10km, n38, c114/36, mb4.3/19, Bougainville-Solomon Islands region

Main station list table for the second section, including stations like DZM Mont Dzumac, COEN Coen, ARMA Armidale, OUZ Omahuta, CAN Canberra, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AFI Afiamalu, OUZ Omahuta, STKA Stephens Creek, WRA Warramunga Arr, etc.

NEIC 12 22:28:15.3-1.8, 11:54S; 0:07:162:7E:0.1, h10km, 1km, mb4.4/27, Error ellipse: s-maj=21.6km s-min=7.5km az=65.0

IDC 12 22:28:15.1-0.7, 11:48S; 162:50E, h0km, mb4.2/11, mb1.4, 3/12, mb1mx1.5/40, mbmp4.2/12, ML3.3/1, Error ellipse: s-maj=26.5km s-min=19.1km az=99.0

ISC 12 22:28:15.7-0.5, 11:51S; 0:09:162:66E:0.09, h10km, n60, c097/55, mb4.4/25, Bougainville-Solomon Islands region

Main station list table for the third section, including stations like HNR Honiara, HNR Honiara, DZM Mont Dzumac, ARMA Armidale, OUZ Omahuta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kaisererville, Makanchi Array, Malin Array, etc.

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

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

SJA 12:22:35:05.9-0.7, 20.04S:70.90W, h15km, 4km, ML3.9, MV4.1
IDC 12:22:35:07.1-0.2, 20.00S:70.75W, h0km, mb3.8/4, mb1.4/3.6, mb1mx3.9/29, mbmp4.1/6, ML4.0/2, Error ellipse: s-maj=34.4km s-min=21.7km az=72.0
NEIC 12:22:35:08.1-0.2, 20.10S:01.04W, h20km, 3km, mb4.3/8, ML3.9(GUC), Error ellipse: s-maj=9.4km s-min=6.5km az=86.0
GUC 12:22:35:09.7-0.7, 20.10S:70.79W, h36km, 3km, ML3.9
ISC 12:22:35:07.0-1.5, 20.05S:02.70W, h7km, 9km, n67, s128/79, mb4.4/7, 3C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Diego Aracena, Pisagua, Punta Patache, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lajitas Array, Pinedale Array, Boulder Array, etc.

IDC 12:22:36:00.2-3, 3.06N:126.69E, h0km, mb3.4/3, mb1.3/5.3, mb1mx3.2/5.1, mbtmp3.4/3, Error ellipse: s-maj=203.5km s-min=25.4km az=66.0, Talaud Islands
WRA Warramunga Arr 24.06 162 P P 22 41 17.1 -0.1
ASAR Alice Springs 27.48 166 P P 22 41 48.9 +0.7
MKAR Makanchi Array 58.08 326 P P 22 45 54.8 -0.4

IDC 12:22:40:29.1-0.5, 11.42S:162.46E, h0km, mb4.7/30, mb1.4/7.32, mb1mx4.7/46, mbtmp4.7/32, ML4.8/2, Error ellipse: s-maj=15.7km s-min=13.2km az=99.0
BUJ 12:22:41:31.2-0.0, 11.21S:162.68E, h26km, mb5.1/1, mb4.9/53
NEIC 12:22:40:33.3-1.6, 11.47S:0.08:162.51E:0.08, h31km, 4km, mb4.9/152, Error ellipse: s-maj=13.1km s-min=9.8km az=221.0
ISC 12:22:40:30.7-0.3, 11.42S:0.06:162.53E:0.05, h10km, n315, s134/284, mb5.0/115, 17C-9D, Bougainville-Solomon Islands region

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

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

12d 23:06:58.5-15.0, 9.98S; 159.58E, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.5/40, mbtmp3.7/3, Error ellipse: s-maj=463.8km s-min=44.0km az=115.0, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ASAR	Alice Springs	28.02	238	Op	ISC	23 12 51.8	+0.2
SOMM	Songino Array	74.31	326	P	P	23 18 39.6	+1.6
MKAR	Makanchi Array	88.64	318	P	P	23 19 52.0	-1.7

12d 23:07:18.9-3.0, 11.73S; 162.81E, h0km, mb4.2/4, mb1 4.2/5, mb1mx3.8/41, mbtmp4.2/5, ML4.7/1, MS5.6/1, Ms1 5.6/1, ms1mx4.3/56, Error ellipse: s-maj=74.0km s-min=39.6km az=112.0, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
HNR	Honiara	3.62	309	Op	ISC	23 08 15.7	-0.6
ASAR	Alice Springs	29.14	243	P	P	23 13 29.0	+0.2
LEM	Lembang	54.82	270	LR	LR	23 42 37.7	
USRK	Ussuriysk Arr	61.31	335	P	P	23 17 43.1	+0.2
SOMM	Songino Array	74.31	326	P	P	23 19 17.0	+0.3
MKAR	Makanchi Array	92.05	317	P	P	23 20 29.5	-0.5

JMA 12:23:14:00.1-1.0, 27.366N; 144.23E, h52km, M3.5, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
JKHK	Ishinomakikobu	2.28	287	Op	ISC	23 14 36.4	+1.2
JKHO	Kiok	2.41	290	S	S	23 15 03.3	+1.2
JIK	Ouri	2.41	290	S	S	23 15 06.9	+1.3
JKMT	Kesennumamotoy	2.46	299	S	S	23 15 37.8	+1.0
JKMT	Ofunato	2.46	306	S	S	23 14 39.1	+1.3
OFUJ	Ofunato	2.46	306	S	S	23 15 07.9	+1.3
OFUJ	Ofunato	2.46	306	S	S	23 14 45.9	+1.5
JOM	Ohasama	2.93	309	S	S	23 15 06.9	+1.7
JOM	Ohasama	2.93	309	S	S	23 15 20.3	+2.2
JFT	Otama	3.10	269	P	P	23 14 48.8	+2.3
JFT	Otama	3.10	269	P	P	23 15 24.0	+1.8
JANG	Nango	3.44	323	P	P	23 14 52.0	+0.9
JANG	Nango	3.44	323	P	P	23 15 30.4	-0.2
BSOI	Boso 1	3.99	222	P	P	23 14 57.0	-1.2
JAG	Ashikaga	4.01	254	P	P	23 15 00.2	+1.1
JAG	Ashikaga	4.01	254	P	P	23 15 45.4	+0.6
JOT	Oyata	4.46	327	eS	eS	23 15 55.1	-0.5
JRV	Yogami san	4.58	251	P	P	23 15 07.3	+0.5
JRV	Yogami san	4.58	251	P	P	23 16 57.3	-1.4
JKB	Kayabe	4.89	331	eS	eS	23 16 05.7	-0.5
JCH	Churui	4.99	353	P	P	23 15 10.8	-1.6
JCH	Churui	4.99	353	P	P	23 16 04.5	-4.3
JTKR	Abashiri-Toko	6.31	358	P	P	23 15 29.4	-1.1
JTKR	Abashiri-Toko	6.31	358	P	P	23 16 37.6	-3.5

NEIC 12:23:14:06.1±2.0, 11.76S; 0.10:162.6E; 0.0, h10km, 1km, mb4.7/31, Error ellipse: s-maj=17.3km s-min=0.3km az=192.0

12d 23:14:06.4±1.1, 11.58S; 162.47E, h0km, mb4.2/15, mb1 4.3/16, mb1mx4.1/52, mbtmp4.2/16, ML4.4/1, Error ellipse: s-maj=31.4km s-min=22.0km az=142.0

ISC 12:23:14:06.2±0.5, 11.75S; 0.09:162.81E; 0.0, h10km, n69, c0.95/60, mb4.6/26, 1D, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
HNR	Honiara	3.49	311	Op	ISC	23 15 00.5	-0.1
HNR	Honiara	3.49	311	Op	ISC	23 15 00.3	-0.3
DZM	Mont Dzumac	10.89	161	Pn	Pn	23 17 41.2	-1.2
PMG	Port Moresby	15.37	277	Pn	Pn	23 17 51.6	-0.8
MVSV	Nonsavu	16.07	114	Pn	Pn	23 17 59.8	+0.1
FUNA	Funafuti	16.64	80	Pn	Pn	23 18 15.8	
COEN	Coen	19.07	261	P	P	23 18 29.7	-0.2
WRA	Warramunga Arr	28.36	250	P	P	23 20 02.1	+1.4
AS31	Alice Springs	29.73	243	P	P	23 20 12.2	-0.7
ASAR	Alice Springs	29.73	243	P	P	23 20 13.8	+0.6
H1S2	WAKE ISLAND Hy	30.32	8	T	T	23 51 59.8	
H1S3	WAKE ISLAND Hy	30.32	8	T	T	23 51 47.5	
H1S1	WAKE ISLAND Hy	30.34	8	T	T	23 51 42.6	
MTN	Manton Dam	30.77	265	P	P	23 20 21.6	-0.5
H1N1	WAKE ISLAND Hy	31.55	8	T	T	23 52 31.9	
H1N3	WAKE ISLAND Hy	31.56	8	T	T	23 52 44.6	
H1N2	WAKE ISLAND Hy	31.57	8	T	T	23 52 33.4	
FORT	Forrest	37.13	234	P	P	23 21 18.0	+0.8
KAPI	Kappang	42.88	275	P	P	23 22 06.5	+1.2
MORW	Morawa	46.59	241	P	P	23 22 35.6	+0.9
JOW	Jonigami	50.83	319	P	P	23 23 05.0	-2.2
INU	Inuyama	52.74	334	P	P	23 23 19.5	-1.8
YOJ	Yonaguni jima	52.82	313	P	P	23 23 21.8	-0.3
MJAR	Matsushiro Arr	52.86	335	P	P	23 23 24.4	-0.8
MJAR	Matsushiro Arr	52.86	335	P	P	23 23 25.2	
KSM	Kuching	53.60	281	P	P	23 23 26.9	-1.1
JNU	Nakatsue	53.92	327	P	P	23 23 29.8	-0.3
JNU	Nakatsue	53.92	327	P	P	23 23 32.4	
KSR5	Korea Array	58.78	328	P	P	23 24 04.5	-0.1
KSAR	Wonju Array	58.80	328	P	P	23 24 03.5	-1.2
KS19	Wonju Array S1	58.85	328	P	P	23 24 07.5	-0.5
USRK	Ussuriysk Arr	62.26	336	P	P	23 24 28.8	+0.5
USRK	Ussuriysk Arr	62.26	336	P	P	23 24 28.9	+0.6
USAOB	Ussuriysk Arra	62.26	336	P	P	23 24 28.6	+0.3
KLR	Kul'dur	66.53	338	P	P	23 24 56.8	+0.6
CMAR	Chiang Mai Arr	69.60	295	P	P	23 25 16.7	+0.5
SEY	Seymchan	74.88	355	P	P	23 25 15.8	-0.3
ULN	Ulaanbaatar	77.10	325	P	P	23 26 01.2	+1.3
SOMM	Songino Array	77.35	325	P	P	23 26 02.6	+0.7
SOMM	Songino Array	77.35	325	P	P	23 26 02.6	+0.7
BILL	Bilibino	79.63	1	P	P	23 26 13.7	+0.4

BILL	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
FID	Port Fidalgo	82.71	23	P	P	23 26 28.3	-1.6
SML	Sawmill	82.72	21	P	P	23 26 30.0	+0.6
SCM	Sheep Creek Mo	83.95	21	P	P	23 26 30.7	+0.2
IMAR	Indian Moutai	84.14	18	P	P	23 26 36.9	-0.3
MLY	Manley	84.14	18	P	P	23 26 40.0	
BARN	comp=Z,3.0nm,1.2s	84.76	24	P	P	23 26 40.4	-0.2
BARN	comp=Z,3.0nm,1.2s	84.76	24	P	P	23 26 43.3	
CTGM	Chitina Galle	84.83	24	P	P	23 26 40.5	-0.5
CTGM	comp=Z,5.1nm,1.0s	84.83	24	P	P	23 26 43.5	
HDA	Harding Lake	84.92	20	P	P	23 26 42.1	+1.0
HDA	comp=Z,4.0nm,0.8s	84.92	20	P	P	23 26 43.4	
ILAR	Eielson Array	85.18	19	P	P	23 26 44.3	+1.9
ILAR	comp=Z,0.3nm,0.6s,baz=245,slow=5.8,SNR=2.6	85.18	19	P	P	23 26 43.6	+1.2
SCAR	Sand Creek	85.65	21	P	P	23 26 44.0	-0.9
BCAR	Beaver Creek A	85.89	22	P	P	23 26 46.5	+0.5
TIXI	Tiksi	86.22	350	P	P	23 26 47.3	+0.1
WAKR	Burnt Mountain	87.60	18	P	P	23 26 54.4	-0.1
WAKR	comp=Z,0.6nm,0.6s,baz=193,slow=3.6,SNR=3.9	87.60	18	P	P	23 26 57.0	-0.1
PNTR	Pine Nut	88.05	50	P	P	23 26 56.4	-1.0
NYAR	Mina Array Bea	88.53	50	P	P	23 27 03.7	+2.6
NYAR	comp=Z,0.6nm,0.6s,baz=193,slow=3.6,SNR=4.4	88.53	50	P	P	23 27 02.0	+0.9
SVYO	Syowa Base	90.20	198	ePcP	ePcP	23 27 08.4	+0.6
MKAR	Makanchi Array	91.94	317	P	P	23 27 14.9	-0.2
YKA	Yellowknife Arr	97.02	28	P	Pdf	23 27 38.4	+0.4
ARCES	ARCES Array B	116.22	345	PKP	PKPdf	23 32 50.4	+1.1
ARCES	comp=Z,1.5nm,0.7s,baz=190,slow=7,SNR=6.9	116.22	345	PKP	PKPdf	23 32 58.3	+0.2
AKASO	Malin Array Be	125.73	325	PKP	PKKIP	23 33 08.9	+0.4
GERES	GERES Array B	134.31	331	PKP	PKKIP	23 33 26.8	-0.3
GERES	comp=Z,0.4nm,0.6s,baz=48,slow=2.0,SNR=5.5	134.31	331	PKP	PKKIP	23 33 49.0	-1.3
KEST	Kesra	146.02	319	PKPbc	PKKIP	23 33 58.2	+0.3
ESDC	Sonsea Arr	149.75	339	PKPbc	PKKIP	23 33 58.2	+0.3
ESDC	comp=Z,0.7nm,0.7s,baz=111,slow=3.5,SNR=6.9	149.75	339	PKPbc	PKKIP	23 33 58.2	+0.3

NEIC 12:23:17:53.6±1.6, 11.30S; 0.008:162.13E; 0.0, h10km, 1km, mb4.5/32, Error ellipse: s-maj=16.1km s-min=12.7km az=48.0

12d 23:17:58.2±0.6, 11.19S; 161.98E, h32km, 42km, mb4.0/18, mb1 4.2/20, mb1mx4.0/51, mbtmp4.2/20, ML4.1/2, Error ellipse: s-maj=22.2km s-min=16.6km az=90.0

ISC 12:23:17:53.8±0.4, 11.27S; 0.07:162.12E; 0.0, h10km, n79, c0.98/73, mb4.4/31, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
HNR	Honiara	2.81	310	Op	ISC	23 18 40.6	+1.8
HNR	Honiara	2.81	310	Op	ISC	23 18 38.7	-0.1
DZM	Mont Dzumac	11.51	159	Pn	Pn	23 20 40.9	+2.5
DZM	Mont Dzumac	11.51	159	Pn	Pn	23 20 38.0	-0.4
MNSV	Nonsavu	16.70	114	Pn	Pn	23 21 46.2	-2.0
FUNA	Funafuti	17.04	92	Pn	Pn	23 22 09.9	-1.1
EIDS	Eidsvold	17.49	215	Pn	Pn	23 21 56.0	-1.8
CTAO	Charters Tower	17.60	238	Pn	Pn	23 21 57.2	-2.1
CTAO	comp=Z,3.5nm,1.1s	17.60	238	Pn	Pn	23 22 07.7	
COEN	Coen	18.68	260	P	P	23 22 13.8	+1.2
ARMA	Armidade	21.40	206	P	P	23 22 40.9	-1.0
JAY	Jayapura	22.95	291	P	P	23 22 58.3	-0.2
WBR2	Warramunga Arr	28.26	249	P	P	23 23 45.2	-0.5
WBR2	comp=Z,7.1nm,1.1s	28.26	249	P	P	23 23 55.1	
WRA	Warramunga Arr	28.07	249	P	P	23 23 42.6	+0.4
ASAR	Alice Springs	29.53					

Table of astronomical observations for 13d Oh, including station names like 003E, TOLK, EGAK, AFDM, L04D, WMQ, BMAR, OSJ, PASC, MWC, MWA, ISA, ISB, MDPB, EDW, BFSC, 109C, DLBC, LRM, NVAR, NVAR, MPM, MONP, PFO, PFO, PFO, GSC, GSC, GSC, GSC, EPYK, SWSC, BELC, SHOC, KAAM, BC3, TUQ, GMRC, TPNV, GLVA, IRLM, Y12C, Y12C, Y12C, Y12C, R11A, R11A, 113A, PDMC, SRIG, SRIG, W13A, 214A, ELK, MK31, MKAR, MKAR, MKAR, MAZK, MAZK, MAZK, ZALV, ZALV, ZALV, NEW, HSG, HSG, KDJ, KDJ, KDJ, KDJ, KSH, KSH, KSH.

Table of astronomical observations for 2014 APR, including station names like KSH, C36M, KURK, KURK, KURK, NRIK, NVL, NVL, SNA, SNA, SNA, SNA, YKA, ANMO, VNA, VNA, BRVK, BRVK, ARCES, ARCES, VRH, VRH, LPSR, LPSR, RAYN, RAYN, KIV, KIV, OBN, OBN, OBN, OBN, VSR, VSR, VORD, VORD, POPE, POPE, FINES, FINES, BETAR, BETAR, DBBC, DBBC, ORTC, ORTC, TOLC, TOLC, RREF, RREF, GUTA, GUTA, HELC, HELC, PRAC, PRAC, BOS, BOS, BOS, BOS, LP, LP, LP, LP, NORC, NORC, SPBC, SPBC, CHIC, CHIC, RUSC, RUSC, AKAS, AKAS, AKAB, AKAB, PAMP, PAMP, CPUP, CPUP, CPUP, CPUP, NB2, NB2, NOA, NOA, SUW, SUW, BRTR, BRTR, BRTR, BRTR, SORM, SORM, SORM, SORM, MILM, MILM, LSZ, LSZ, SDV, SDV, DOPR, DOPR, WSR, WSR, TOPG, TOPG, CFR, CFR, CFR, CFR, LRV, LRV, TIRR, TIRR, TIRR, TIRR, HARR, HARR, HARR, HARR, BIZ, BIZ, VRI, VRI, BEL, BEL, BURAR, BURAR, BURAR, BURAR, PLOR, PLOR, MLR, MLR, GKP, GKP, DOPR, DOPR, SAML, SAML, SAML, SAML, UZH, UZH, UZH, UZH, TRPA, TRPA, CJR, CJR, CJR, CJR, RRR, RRR, HUMR, HUMR, NIE, NIE, COPA, COPA, ELND, ELND, PLVB, PLVB, OKR, OKR, GZR, GZR, GZR, GZR, PSZ, PSZ, MORC, MORC, MORC, MORC, OSTC, OSTC, CHVC, CHVC, KRLC, KRLC.

Table of astronomical observations for 2014 APR, including station names like DPC, HERR, UPC, BZS, BZS, JAVC, JAVC, MDVR, MDVR, HUMP, HUMP, VRAC, VRAC, VRAC, VRAC, VRS, VRS, VRS, VRS, PVCC, PVCC, PVCC, PVCC, BRG, BRG, BRG, BRG, CLL, CLL, CLL, CLL, KRUC, KRUC, KRUC, KRUC, PRU, PRU, PRU, PRU, CONA, CONA, CONA, CONA, NKC, NKC, NKC, NKC, KHC, KHC, KHC, KHC, GERES, GERES, GERES, GERES, ARSA, ARSA, ARSA, ARSA, MOA, MOA, MOA, MOA, FNA, FNA, FNA, FNA, SOKA, SOKA, SOKA, SOKA, BLY, BLY, PDG, PDG, TIR, TIR, TIR, TIR, KBA, KBA, BOUS, BOUS, PTGA, PTGA, MYKA, MYKA, MEM, MEM, ABTA, ABTA, WATA, WATA, WATA, WATA, MTTA, MTTA, MTTA, MTTA, SQTA, SQTA, SQTA, SQTA, RETA, RETA, RETA, RETA, BMRD, BMRD, WLF, WLF, FETA, FETA, DAVA, DAVA, DAVA, DAVA, CTI, CTI, CTI, CTI, SSB, SSB, SSB, SSB, KEST, KEST, CMAH, CMAH, ABSD, ABSD, CAEL, CAEL, CAEL, CAEL, CAG, CAG, CAG, CAG, DFRA, DFRA, DFRA, DFRA, CTEI, CTEI, CTEI, CTEI, PBRG, PBRG, PBRG, PBRG, MVO, MVO, MVO, MVO, ESDC, ESDC, ESDC, ESDC, ESDC, ESDC, ESDC, ESDC, PVIS, PVIS, PVIS, PVIS, PAB, PAB, PAB, PAB, MBE, MBE, MBE, MBE, MTE, MTE, MTE, MTE, COI, COI, COI, COI, PCBR, PCBR, PCBR, PCBR, PMRV, PMRV, PMRV, PMRV, PTOM, PTOM, PTOM, PTOM, PSBE, PSBE, PSBE, PSBE, PMTG, PMTG, PMTG, PMTG, PESTR, PESTR, PESTR, PESTR, PNBJ, PNBJ, PNBJ, PNBJ, PNEJ, PNEJ, PNEJ, PNEJ, MESA, MESA, MESA, MESA, PCL, PCL, PCL, PCL, PVAQ, PVAQ, PVAQ, PVAQ, PTEO, PTEO, PTEO, PTEO, PBDV, PBDV, PBDV, PBDV, KIC, KIC, KIC, KIC, LIC, LIC, LIC, LIC.

IDC 12.23:59:48.5-18.0, 12.67S-164.45E, h0km, mb3.9/3, mb1 3.9/3, mb1mx3.5/4.6, mbtmp3.8/3, Error ellipse: s-maj=54.9, s-min=51.0km az=122.0, Santa Cruz Islands region. Code Station Name A° AZ° Phase ID Time Res. ASAR Alice Springs 30.95 245 P ISC h m s ISC 0.01 06 07.0 -0.2. SONM Songoing Array 79.23 324 P P 00 11 55.4 -0.3. MKAR Makanchi Array 93.83 317 P P 00 13 08.2 +0.4. BUT 13:00:04:39.0, 44:62N-114:33W, h4km. IDC 13:00:04:00.0-0.4, 44:61N-114:21W, h0km, mb4.5/28, mb1 4.7/35, mb1mx4.6/62, mbtmp4.5/35, ML4.1/6.4, MS4.5/2, Ms1 4.5/2, ms1mx4.0/5.4, Error ellipse: s-maj=9.9km s-min=7.1km az=74.0. ANF 13:00:04:41.8-0.4, 44:64N-114:24W, h5km, ML5.5/11, Error ellipse: s-maj=5.9km s-min=3.8km az=6.0. NEIC 13:00:04:42.8, 44:64N-114:29W, h15km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mr=0.23, Mw=0.61, Mx=0.38, My=0.00, Mz=1.54, Mw=0.68, Fault plane solution: Mb1.85000x10^16 N, N120.00, N210.00, N330.00, P262.86000, P61.38000, T28.33000, T28.33000.

13d Oh

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like JCT Junction City, WHTX Lake Whitney, U40A Yellowville, etc.

2014 APR

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like J47A Summer, J47A Vermontville, J47A Gladwin, etc.

920

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like R51A Hillsboro, MCARA McCarthy VSAT, ZAIK Zacatecas, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like J54A Appleton, E53A Dumoine, SCRK Sand Creek, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like SSFA Standing Stone, D55A Sainte-Anne, X55A Green & Ava, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like NOA NORSTAR Array B, FINES FINESS Array B, PVRL Vila Real, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Thorofore Moun, Reindeer, Gilahina Butte, Wood River Hill, Bernard Glacie, Chitina Glacie, Harding Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Honiara, Mont Dzumac, Port Moresby, Charters Tower, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Maumere, Tante, Flores, Biak, Manunurra, Luwuk, Bulukumba, etc.

ISN 13 00:49:38.670.7, 34°28'N, 156°45'64"E, h6km, 21km, ML2.6

NEIC 13 01:05:26.61.4, 11°55'S, 162°11'E, 0.1, h10km, 1km, mb4.1/1.0, Error ellipse: s-maj=21.4km s-min=12.9km az=46.0

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Dehrash, Ghaleghazi, Veis, Cheshme Sefid, Badra, Kermanshah, Lien, Baghdad, Kirkuk, Komasi, Kafar-mosalman, Almbolag.

IDC 13 00:51:03.4.9.5, 10°37'S, 160°37'E, h0km, mb3.9/4, mb1.4/1.4, mb1mx3.7/26, mbtmp3.9/4, MS4.2/3, Ms1.4/2.3, ms1mx3.6/4.9, Error ellipse: s-maj=279.5km s-min=36.5km az=118.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, Rata Peaks, Tagay City, Ussuriysk Arr, Songio Array, Makanchi Array.

IDC 13 00:55:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mont Dzumac, Warramunga Arr, Alice Springs, Chiang Mai Arr, Makanchi Array.

IDC 13 01:00:31.1.2.9, 11°48'S, 162°11'E, h62km, 23km, mb3.6/6, mb1.3/9.8, mb1mx3.6/43, mbtmp4.1/8, ML4.2/3, Error ellipse: s-maj=31.3km s-min=17.4km az=69.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Honiara, DZM, WRA, ASAR, CMAR, MKAR.

IDC 13 01:02:00.8.1.3, 11°55'S, 162°16'E, 0.2, h22km, 8km, mb4.0/6, Error ellipse: s-maj=23.7km s-min=9.7km az=65.0

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAUI, HNR, DZM, CTA, STKA, WRA, ASAR, SONM, MKAR, YKA.

IDC 13 01:02:04.0.3.2, 11°57'S, 162°54'E, h7km, 29km, mb3.8/6, mb1.4/1.9, mb1mx3.7/51, mbtmp4.2/9, ML4.2/3, MS4.0/1, Ms1.4/0.1, ms1mx3.4/40, Error ellipse: s-maj=34.5km s-min=17.7km az=117.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

NEIC 13 01:02:00.8.1.3, 11°55'S, 162°16'E, 0.1, h10km, 1km, r137/17, mb4.0/7, Bougainville-Solomon Islands region

IDC 13 01:05:26.61.4, 11°55'S, 162°11'E, 0.1, h10km, 1km, mb4.1/1.0, Error ellipse: s-maj=21.4km s-min=12.9km az=46.0

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:26.9.0.6, 11°44'S, 162°03'E, 0.09, h10km, n32, r26/25, mb3.9/1.4, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

IDC 13 01:05:31.3.2.4, 11°33'S, 161°50'E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.7/30, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=52.4km s-min=38.6km az=71.0, Bougainville-Solomon Islands region

ISN 13 00:49:40.6, 34°27'N, 156°45'67"E, h8km, ML2.5

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, TAS Tashkent, MAW Mawson, BRVK Borovoye, etc.

INET 13 01:20:05.6, 12262N-8636W, h5km, ML4.3, Nicaragua

SJA 13 01:24:59.1, 09.1920S; 72.86W, h458km, 35km, ML5.0, MW4.8

GUC 13 01:25:45.3, 07.2025S; 70.91W, h18km, 4km, ML3.6

ISC 13 01:25:42.8, 2.0, 20.54S; 0.03, 70.96W, 0.07, h15km, 13km, n25, e964/37, 3C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TA01 Diego Arcarena, PATCX Punta Patache, PSGC Pisagua, etc.

GUC 13 01:26:20.6, 0.8, 20.48S; 70.74W, h29km, 4km, ML3.4

ISC 13 01:26:17.1, 2.5, 20.52S; 0.05, 70.9W, 0.1, h24km, 17km, n14, e129/13, 1C, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TA01 Diego Arcarena, PATCX Punta Patache, PSGC Pisagua, etc.

PGC 13 01:31:40.9, 1.0, 55.74N; 135.23W, h10km, ML2.9/7, 146km south of Sitka, Ak Off Coast Of Southeastern Alaska

NEIC 13 01:31:40.1, 2.7, 55.81N; 0.04, 135.3W, 0.1, h16km, 7km, Error ellipse: s-maj=9.4km s-min=4.7km az=57.0

AEIC 13 01:31:42.2, 8.2, 35.79N; 0.04, 135.9W, 0.10, h28km, 8km, ML2.7, ML2.9(OTT), Error ellipse: s-maj=9.8km

s-min=1.2km az=55.0
ISC 13 01:31:39.0, 1.9, 55.81N; 0.04, 135.11W, 0.07, h7km, 12km, n26, e119/39, Off coast of southeastern Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CRAIG Craig, SIT Sitka, WRAK Wrangeli Island, etc.

NEIC 13 02:00:27.7, 1.2, 11.3S; 0.1, 162.6E; 0.1, h10km, 1km, mb4.1/10, Error ellipse: s-maj=20.4km s-min=15.6km az=57.0

IDC 13 02:00:34.5, 4.9, 11.58S; 162.24E, h5km, 3.7km, mb3.7/9, mb1.3/9.0, ms1mx3.7/39, mbtmp4.0/10, ML4.6, MS3.9/2, Ms1.3/9.2, ms1mx3.3/37, Error ellipse: s-maj=39.3km s-min=18.6km az=93.0

ISC 13 02:00:27.4, 0.7, 11.37S; 0.1, 162.56E; 0.09, h10km, m36, e139/29, mb4.0/10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, PMG Port Moresby, CTA Charters Tower, etc.

ellipse: s-maj=99.9km s-min=4.5km az=89.8
NEIC 13 02:19.1, 2.1, 86.65N; 0.07, 4.6E, h10km, 1km, mb4.6/163, Error ellipse: s-maj=13.8km s-min=11.5km az=101.0

IEPN 13 02:12.23, 0.86; 30N-48; 31E, h20km
ISC 13 02:12.18, 1.0, 86.55N; 0.04, 45.17E; 0.04, h2km, 5km, n387, e199/353, mb4.6/132, MS4.0/11, 33C-20D, North of Franz Josef Land

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZEMLIYA FRANCA, NOR Nord, KBS Kingsbay, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like C36M Paulatuk, C36M Paulatuk, TOLK Toolik Lake Re, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KURBB, SCHO Schrefferville, MORC Moravsky Berou, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like D51A Lot 18 Range I, KDJ Kajisay, D48A Paulatuk Townsh, etc.

13d 2h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like NVAR, R11A, R11A, PV13, etc.

2014 APR

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

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like PET, YSS, YSS, etc.

IDC 13 02:19:43.0-4.6, 10.92Sx161.47E, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.5/4.5, mbtmp3.8/3, Error ellipse: s-maj=209.5km s-min=39.5km az=133.0, Bougainville-Solomon Islands region

USRA 168, slow=30, SNR=2.0 LR LR 02 26 33.7 -4.1

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like COEN, WRA, H11S2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like KMSI, LBMI, Don Marcelino, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like HNR, HNR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like HNR, HNR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like HNR, HNR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFDM Forest Hills D, BMAR Burnt Mountain, WAKR Walker, etc.

13d 04:41:44.4, 1.3, 11.025S; 161.67E, h0km, mb3.7/5, mb1 4.0/7, mb1mx3.7/27, mbtmp3.8/7, ML3.5/2, Error ellipse: s-maj=30.2km s-min=27.9km az=70.0

13d 04:41:48.4, 1.0, 11.050S; 161.662E, h28km, n7, c05918, mb3.5/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, DZM Dzumac, WRA Warrungarra Arr, etc.

13d 05:01:29.1, 2.7, 18.39N; 146.21E, h216km, 27km, mb3.3/7, mb1 3.5/9, mb1mx3.2/44, mbtmp3.8/9, Error ellipse: s-maj=28.9km s-min=14.7km az=102.0

13d 05:01:27.6, 0.8, 18.39N; 0110.1462E, h200km, n9, c10570, mb3.5/7, Mariana Islands

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

13d 05:02:02.1, 0.0, 36.33N; 124.54E, h0km, ML3.2/9, Yellow Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HJU Haeju, PYAG Pyongyang.

Table with columns: PYS Pyongsong, WOSN Wonsan, SUJ Sinuiju, KGE Kanggye. Includes Az, Az', Phase ID, Time, Res, h, m, s, ISC.

IDC 13 05:05:37.3, 1.3, 11.49S; 161.82E, h0km, mb3.9/7, mb1 4.1/9, mb1mx3.9/1, mbtmp3.9/9, ML3.9/2, MS3.6/4, M51 3.6/4, ms1mx3.1/31, Error ellipse: s-maj=33.3km s-min=27.3km az=116.0

NEIC 13 05:05:42.3, 1.7, 11.55S; 0.09; 161.7E, 0.1, h32km, 6km, mb4.4/15, Error ellipse: s-maj=18.9km s-min=9.6km az=52.0

ISC 13 05:05:39.1, 0.7, 11.52S; 0.07; 161.83E, 0.09, h10km, n35, c128; 15, mb3.9/9, MS3.5/3, Bougainville-Solomon Islands region

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

INET 13 05:10:18.0, 12.38N; 86.43W, h4km, ML3.3 UCR 13 05:10:18.0, 1.6, 12.40N; 86.42W, h10km, MW3.6

ISC 13 05:10:20.5, 1.8, 12.5N; 0.1; 86.44W, 0.06, h35km, n5, c25275, Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CRIN San Cristobal, MATN Matagalpa, etc.

NEIC 13 05:13:53.7, 1.7, 23.36S; 0.06; 68.13W, 0.09, h148km, 4km, Error ellipse: s-maj=11.4km s-min=8.1km az=93.0

IDC 13 05:13:53.7, 0.8, 23.28S; 67.93W, h142km, 6km, mb3.9/11, mb1 4.0/15, mb1mx3.9/20, mbtmp4.3/15, Error ellipse: s-maj=16.1km s-min=13.7km az=37.0

VAO 13 05:13:54.9, 0.7, 23.23S; 67.92W, h146km, 7km, mb4.9 GUC 13 05:13:54.6, 0.8, 23.30S; 68.37W, h156km, 5km, ML4.6

ISC 13 05:13:53.2, 0.6, 23.36S; 0.04; 68.10W, 0.06, h144km, 6km, n162, c1910/182, mb4.6/47, 14C, Northern Chile

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB07 IPOC Station P, PB07 IPOC Station P, PB14 IPOC Station P, etc.

Table with columns: TX31, Lajitas Ar. Si, 62.58 325, P, P, 05 24 02.1 -0.1, 05 24 03.6, etc.

IDC 13 05:19:16.2-2.1, 11435:262.51E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/27, mb1mx3.8/5, ML3.4/1, Error ellipse: s-maj=53.5km s-min=32.7km az=96.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, HNR, Honiara, 3.21 308, Op, ISC, h m s, ISC, 05 20 49.3 +2.5, etc.

IDC 13 05:24:29.0-2.0, 6.8:80N:72.97W, h159km, 15km, mb3.1/3, mb1 3.5/6, mb1mx3.1/38, mb1mx3.6/6, Error ellipse: s-maj=42.6km s-min=7.5km az=133.0, RSNC 13 05:24:30.6-1.1, 6.8:84N:73.16W, h136km, 5km, ML3.3, Mw3.6, Fault plane solution: NPT, phi=112.00000, delta=50.00000, lambda=96.00000

IDC 13 05:24:28.0-0.8, 6.85N:03:73.10W:0.03, h150km, mb3.8/4, n42, +152/75, mb3.5/3.5-CD, Northern Columbia region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, PAMC, Pamplona, Colo, 0.63 391, Op, ISC, h m s, ISC, 05 24 52.5 +1.1, etc.

Table with columns: NORC, Norcasia, 2.17 234, eP, Pn, 05 25 06.3 +0.2, 05 25 32.7 -2.0, etc.

IDC 13 05:25:21.0-0.7, 11.25S:161.97E, h0km, mb4.2/11, mb1 4.4/12, mb1mx4.2/31, mb1mx4.1/12, ML3.8/1, Error ellipse: s-maj=27.3km s-min=19.4km az=122.0, NEIC 13 05:25:22.7-1.3, 11.20S:0.10:162.0E:0.1, h10km, 1km, mb4.6/30, Error ellipse: s-maj=22.4km s-min=13.3km az=50.0

IDC 13 05:25:26.4-0.5, 11.25S:0.08:162.00E:0.10, h36km, n62, +88/62, mb4.4/2.7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, HNR, Honiara, 2.71 312, Op, ISC, h m s, ISC, 05 26 08.7 +1.3, etc.

Table with columns: VVND, Vanda, 66.26 180, P, P, 05 36 11.8 +0.3, 05 36 26.2, etc.

JSN 13 05:30:17.8:0.6, 16.92N:81.10W, h49km, 999km, MD4.2, SSNC 13 05:30:21.7:3.8, 19.03N:80.78W, h50km, 212km, MD3.7, ML3.5

ISC 13 05:30:19.1-1.9, 18.94N:0.09:80.90W:0.08, h35km, n12, +186/18, 2C-4D, North of Honduras region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, MCJ, Malvern, 3.21 108, Op, ISC, h m s, Res, 05 31 07.3 +0.2, etc.

NEIC 13 05:33:51.5-1.1, 11.77S:0.10:162.57E:0.09, h10km, 1km, mb4.5/2.1, Error ellipse: s-maj=21.2km s-min=8.4km az=122.0

IDC 13 05:33:52.3-1.2, 11.43S:162.64E, h0km, mb3.8/7, mb1 3.9/8, mb1mx3.7/42, mb1mx3.8/8, ML3.5/1, MS3.4/1, Ms1 3.4/1, ms1mx2.9/37, Error ellipse: s-maj=44.0km s-min=31.0km az=97.0

ISC 13 05:33:51.6-0.6, 11.77S:0.09:162.62E:0.09, h10km, n38, +191/37, mb4.4/18, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, HNR, Honiara, 3.49 311, Op, ISC, h m s, Res, 05 31 48.2 +2.2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Honiara, Mont Dzumac, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Circle Bar Ran, Topopah Spring, Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Huala, Terra Rica, Chapadão do Su, etc.

NEIC 13 05:41:38.9, 1.2, 11.245; 0.08:162.02E; 0.09, h10km, 1km, mb4.7/35, Error ellipse: s-maj=16.4km s-min=11.6km az=233.0

IDC 13 05:41:38.6, 0.7, 11.135; 161.94E, h0km, mb4.2/15, mb1.4/317, mb1mx4.2/44, mbtmp4.1/17, ML3.8/2, Error ellipse: s-maj=21.4km s-min=16.0km az=93.0

ISC 13 05:41:39.4, 0.5, 11.225; 0.06:162.00E; 0.07, h10km, n67, 193/70, mb4.5/29, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Honiara, Mont Dzumac, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MTN, BBOO, KNRA, FITZ, etc.

IDC 13 05:44:20.5:0.9, 6:70S:155:24E, h0km, mb4.2/9, mb1 4.4/10, mb1mx4.0/42, mbtmp4.2/10, ML4.1/1, Error ellipse: s-maj=30.0km s-min=21.7km az=16.0

NEIC 13 05:44:22.6:0.6, 6:73S:155:25E:0.09, h10km, n41, 0:89/42, mb4.6/20, Bougainville-Solomon Islands region

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

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

IDC 13 05:46:41.9:1.9, 12:07S:160:95E, h0km, mb4.0/5, mb1 4.2/6, mb1mx3.8/39, mbtmp4.0/6, ML3.0/1, Error ellipse: s-maj=47.8km s-min=30.7km az=100.0

NEIC 13 05:46:44.8:0.7, 6:83S:155:08E, h0km, mb4.1/12, mb1 4.3/13, mb1mx4.1/39, mbtmp4.1/13, ML3.6/4, Ms1 3.6/4, ms1mx3.2/37, Error ellipse: s-maj=23.4km s-min=20.3km az=110.0

IDC 13 05:46:47.0:5.6, 9:15S:155:13E:0.07, h10km, n67, 0:185/62, mb4.6/21, Bougainville-Solomon Islands region

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

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

IDC 13 05:48:03.5:1.7, 2:65N:95:62E, h0km, mb4.0/7, mb1 4.0/8, mb1mx3.7/54, mbtmp3.9/8, ML3.1/1, Error ellipse: s-maj=45.6km s-min=20.3km az=45.0

NEIC 13 05:48:06.3:1.3, 2:55N:0:08:95:6E:0.1, h27km, 8km, mb4.1/8, Error ellipse: s-maj=19.1km s-min=8.5km az=63.0

IDC 13 05:48:06.8:0.8, 2:65N:0:06:95:61E:0.07, h28km, n40, 0:582/38, mb4.1/11, Off West coast of northern Sumatera

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

ECX 13 05:53:00.5:0.5, 31:84N:115:82W, h6km, 3km, MD2.5, ML2.7

MEX 13 05:53:01.1:0.4, 31:89N:115:82W, h5km, MD3.4

IDC 13 05:52:59.3:1.1, 31:87N:103:115:83W:0.04, h17km, n12, n12, 0:89/26/20, IC-2D, Baja California

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

IDC 13 05:55:40.3:2.0, 11:43S:162:30E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.7/31, mbtmp3.8/6, ML3.4/1, Error ellipse: s-maj=53.1km s-min=31.3km az=97.0

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

Table with columns: Call sign, Station Name, Frequency, Power, and other technical details for stations like MJAR, KSRM, and MKAR.

BER 13 05:55:57.6z, 2.71, 97N, 0.28W, h10km, Confirmed Earthquake

NAO 13 05:56:00.8z, 11.0, 71.82N, 0.36E, h25km, 132km, ML3.1

ISC 13 05:55:55.9z, 1.0, 72.0N, 0.1z, 0.6W, 0.1, h10km, n22, s1509Z2, Jan Mayen Island region

Main station listing table for the first section, including columns for Code, Station Name, Frequency, Power, and other technical details.

RSRP 13 05:59:09.2, 19.41N, 67.27W, h46km, 18km, MD2.7/3, 5C, Mona Passage

Main station listing table for the second section, including columns for Code, Station Name, Frequency, Power, and other technical details.

IDC 13 05:59:21.7z, 0.5, 11.32S, 162.52E, h0km, mb4.4/1.8, mb1.4/6/19, mb1mx4.5/27, mbmp4.4/19, ML4.2/1, MS4.2/26, Ms1.4/1/26, ms1mx4.0/44, Error ellipse: s-maj=20.1km s-min=15.4km az=97.0

MOS 13 05:59:22.9z, 0.9, 11.42S, 162.53E, h22km, mb5.1/40, Error ellipse: s-maj=9.7km s-min=7.1km az=126.9

NEIC 13 05:59:24.3z, 1.5, 11.45S, 0.07z, 162.56E, 0.0z, h20km, 3km, mb5.0/106, Error ellipse: s-maj=12.7km s-min=8.6km az=50.0

ISC 13 05:59:26.3z, 0.3, 11.746S, 0.05z, 162.60E, 0.06, h39km, n280, c1944/2/3, mb4.9/98, MS4.2/27, BC-3D, Bougainville-Solomon Islands region

Main station listing table for the third section, including columns for Code, Station Name, Frequency, Power, and other technical details.

Main station listing table for the middle section, including columns for Call sign, Station Name, Frequency, Power, and other technical details.

Main station listing table for the right section, including columns for Call sign, Station Name, Frequency, Power, and other technical details.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Wood River Hill, Bernard Glacie, Eielson Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like EGMT, VNA2, VNA1, TXAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like UOSS, UOSS, TVBK, etc.

Table of astronomical observations for 2014 APR, listing station names (e.g., PFO, K38A), object names (e.g., Pinyon Flats O), and various parameters like magnitude and position.

Table of astronomical observations for 2014 APR, listing station names (e.g., GLB, BCAR), object names (e.g., Gilahina Butte), and various parameters like magnitude and position.

Table of astronomical observations for 2014 APR, listing station names (e.g., H11N1, H11N3), object names (e.g., WAKE ISLAND Hy 31.45), and various parameters like magnitude and position.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mudanjiang, Petropavlovsk-Vanda, GSI, XAN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Podgornoye, KST, KTBS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Petropavlovsk-Korymba, NVAR, etc.

NNC 13 07:03:20.1, 3.8, 4.1, 83N, 78.13E, h0km, mb3.2, mpv2.9, Error ellipse: s-maj=29.7km s-min=11.6km az=171.0, Suspected Mining explosion.

ISC 13 07:03:18.7, 1.2, 4.1, 81N, 0.06E, 78.13E, 0.04, h0km, n17, e2=142, 4C-2D, Kyrgyzstan-Xinjiang border region

ISC 13 07:05:08.3, 2.2, 11.79S, 162.98E, h0km, mb3.9/3, mb1 4.0/5, mb1mx3.7/31, mbtmp4.0/5, ML3.8/2, Error ellipse: s-maj=61.8km s-min=34.2km az=71.0, Bougainville-Solomon Islands region

Table with columns: VTS, BNI, Vitosha, 150.85 334, PKIKP, 07 27 50.8 +1.0, etc.

IDC 13 07:22:26.3+1.9, 11.64Sx162.74E, h0km, mb4.0/3, mb1 3.9/5, mb1mx3.7/28, mbtmp4.0/5, ML3.6/2, MS3.2/2, Ms1 3.2/2, ms1mx2.7/32, Error ellipse: s-maj=50.3km s-min=29.2km az=66.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, HNR, Honiara, 3.52 308, etc.

IDC 13 07:30:43.4+1.4, 11.60Sx161.95E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.8/31, mbtmp3.8/7, ML3.2/1, MS3.5/5, Ms1 3.5/5, ms1mx3.0/34, Error ellipse: s-maj=42.9km s-min=27.2km az=130.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, DZM, Mont Dzumac, 11.25 158, etc.

IDC 13 07:38:29.5+2.1, 11.60Sx162.56E, h0km, mb3.8/3, mb1 3.8/5, mb1mx3.6/39, mbtmp3.9/5, ML3.9/2, Error ellipse: s-maj=55.0km s-min=31.9km az=73.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, HNR, Honiara, 3.35 310, etc.

IDC 13 07:40:02.7+0.9, 11.47Sx162.62E, h0km, mb4.2/14, mb1 4.3/16, mb1mx4.2/39, mbtmp4.2/16, ML3.7/2, MS3.4/9, Ms1 3.4/9, ms1mx3.1/33, Error ellipse: s-maj=28.8km s-min=17.5km az=101.0

IDC 13 07:40:03.7+0.8, 11.56Sx162.71E, h0km, mb4.5/5, mb1 4.5/5, mb1mx3.1/33, Error ellipse: s-maj=15.4km s-min=12.0km az=216.0

IDC 13 07:40:03.9+0.5, 11.51Sx162.69E, h0km, mb4.0/6, mb1 4.0/6, mb1mx3.1/33, Error ellipse: s-maj=15.4km s-min=12.0km az=216.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, HNR, Honiara, 3.40 307, etc.

Table with columns: H1S3, WAKE ISLAND Hy 30.08, 8 T T, 08 17 51.2, etc.

IDC 13 07:44:04.0+0.6, 21.16Sx168.59W, h130km, mb3.9/8, mb1 3.9/11, mb1mx3.7/31, mbtmp3.7/11, Error ellipse: s-maj=21.6km s-min=7.8km az=94.0

NEIC 13 07:44:04.5+2.6, 21.16Sx168.69W, h138km, 5km, Error ellipse: s-maj=10.7km s-min=6.0km az=89.0

VAO 13 07:44:05.2+0.4, 21.15Sx168.55W, h126km, 4km, mb4.5 GUC 13 07:44:05.8+0.7, 21.16Sx168.62W, h124km, 5km, ML4.5

IDC 13 07:44:04.0+0.5, 21.14Sx168.64W, 0.05, h133km, 4km, n107, r1493/132, mb4.3/14, 5C-7D, Chile-Bolivia border

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, PB01, IPOC Station P, 0.80 277, etc.

Table with columns: PMSG, comp=N, 1, 1um, 0.3s, IAML, 07 45 07.6, etc.

S54A Dingsess, Beckl 59.83 348 P P 07 53 54.6 -1.2

TXAR Lajitas Array 60.48 325 P P 07 53 60.0 -0.6

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

TXAR Lajitas Array 60.48 325 P P 07 53 58.7 -1.0

13d 8h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like URZ, URZ Urewera, URZ Hauti, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM, DZM Mont Dzumac, ASAR Alice Springs, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H11S1 WAKE ISLAND Hy 30.21, H11N1 WAKE ISLAND Hy 31.43, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 13 07:49:49.7, IDC 13 07:51:03.8, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIJUI Sorong, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND Hy 31.63, H11S2 WAKE ISLAND Hy 31.64, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WEL 13 07:56:12.3, DCZ Deep Cove, DCZ Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like EYAZ Purnsey Point, EYAZ Earscleugh, EAZ Jackson Bay, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MOZ Queen's Vall, LTZ Lake Taylor, OKCZ Okains Bay, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like INET 13 07:57:46.7, INET 13 07:57:47.2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TAP 13 08:00:04.5, TAP 13 08:00:04.5, etc.

946

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TDCB, NNSB Datong, NNSB Datong, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JMA 13 08:00:30.3, JMA 13 08:00:30.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IRIF Iriomote-Funau, IRIF Iriomote-Funau, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PAMC Pamplona, Colo, PAMC Pamplona, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RUSC La Rusia, RUSC La Rusia, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SMLC San Martin de, SMLC San Martin de, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PTGC Puerto Gaitan, PTGC Puerto Gaitan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PRAC Prado, ELOY Elorza, ORTEC Ortega, etc.

ellipse: s-maj=1.0km s-min=0.4km az=247.0
IDC 13 08:46:48.4, 5.5, 38.18N-20.83E, h0km, mb3.7/4,
mb1 3.7/5, mb1mx3.4/52, mbtmp3.7/5, ML2.7/1, Error
ellipse: s-maj=115.0km s-min=26.6km az=57.0
ISC 13 08:46:47.6, 0.8, 38.17N-0.03E, h10km, 4km,
n61, c1918/0, mb3.8/4, 4C-1D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LXRRA Lixouri, LXRRA Lixouri, LXRRA Lixouri, etc.

IDC 13 08:29:39.3, 1.0, 19.71S:70.82W, h0km, mb3.8/6,
mb1 4.0/8, mb1mx3.8/27, mbtmp3.9/8, ML3.8/2, MS3.5/5,
Ms1 3.5/5, ms1mx3.2/29, Error ellipse: s-maj=29.4km
s-min=15.7km az=63.0
NEIC 13 08:29:40.7, 19.84S:70.95W, h10km, Moment Tensor
Solution. Moment tensor: Scale 10^15Nm, M=1.73;
M=0.23; M=1.96; M=0.92; M=0.11; M=1.61; Fault
plane solution: M=2.63000e+10; NP1=15.93000e+
6.6263000e+12, 5.20000e-. NP2=15.93000e+
6.6263000e+12, 5.20000e-. Principal axes: T 2.6275,
Pg163.0000, Azm4.0000; N 0.0095, P165.0000, Azm16.0000;
P -2.6369, P122.0000, Azm260.0000;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, etc.

IDC 13 08:29:42.7, 0.7, 19.84S:70.94W, h25km, 27km, ML3.9
ISC 13 08:29:39.4, 1.5, 19.83S:70.93W, 0.05, h6km, 9km,
n54, c1923/6, mb3.9/5, 5C-2D, Near coast of northern
Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PSGC Pisagua, PSGC Pisagua, PSGC Pisagua, etc.

ATH 13 08:46:47.1, 38.16N-20.43E, h12km, 1km, ML3.5/6, Error
ellipse: s-maj=2.0km s-min=0.9km az=235.0
THE 13 08:46:47.8, 38.18N-20.43E, h8km, 1km, ML3.5/4, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LXRRA Lixouri, LXRRA Lixouri, LXRRA Lixouri, etc.

IDC 13 08:46:55.0, 9.3, 13N:21.01E, h14km, 1km, ML3.5/13,
Error ellipse: s-maj=1.4km s-min=1.4km az=0.0
IDC 13 08:46:57.3, 1.4, 38.26N:20.48E, h0km, mb3.8/7,
mb1 3.7/15, mb1mx3.6/60, mbtmp3.8/15, ML3.6/8, Error
ellipse: s-maj=23.6km s-min=16.4km az=28.0
ATH 13 08:46:59.2, 38.17N:20.45E, h9km, 2km, ML3.8/1, Error
ellipse: s-maj=2.4km s-min=1.3km az=214.0
THE 13 08:46:59.2, 38.16N:20.44E, h9km, 3.1, Error ellipse:
s-maj=1.3km s-min=0.4km az=16.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KEF2 Argostoli, KEF2 Argostoli, KEF2 Argostoli, etc.

IDC 13 08:46:58.2, 0.8, 38.15N:0.06E, 20.51E, 0.04, h14km, 4km,
n64, c1986/88, mb3.9/7, 8C-18D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KEF2 Argostoli, KEF2 Argostoli, KEF2 Argostoli, etc.

IDC 13 08:54:1.1, 0.1, 15.23N:105.147W, h0km, mb4.1/13,
mb1 4.3/17, mb1mx1.5/1, mbtmp4.1/17, ML3.3/4, MS3.8/14,
Ms1 3.8/14, mb1mx3.7/36, Error ellipse: s-maj=41.7km
s-min=15.0km az=51.0
NEIC 13 08:54:1.2, 7.1, 15.28N:0.09E, 104.73W, 0.09, h10km, 1km,
Error ellipse: s-maj=18.5km s-min=11.8km az=220.0
MEX 13 08:54:13.2, 0.5, 15.35N:104.70W, h10km, MD4.4
ISC 13 08:54:13.0, 0.8, 15.42N:0.07E, 104.75W, 0.08, h10km,
n224, c1963/28, mb4.3/47, MS3.9/10, Off coast of
Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KEF2 Argostoli, KEF2 Argostoli, KEF2 Argostoli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KEF3 Agia, KEF3 Agia, KEF3 Agia, etc.

IDC 13 08:47:16.9, 2.4, 6.34S:154.27E, h0km, mb3.7/3,
mb1 4.0/8, mb1mx3.5/4, mbtmp3.7/3, Error ellipse:
s-maj=159.9km s-min=34.8km az=173.0,
Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WRA Warramunga, WRA Warramunga, WRA Warramunga, etc.

IDC 13 08:54:1.1, 0.1, 15.23N:105.147W, h0km, mb4.1/13,
mb1 4.3/17, mb1mx1.5/1, mbtmp4.1/17, ML3.3/4, MS3.8/14,
Ms1 3.8/14, mb1mx3.7/36, Error ellipse: s-maj=41.7km
s-min=15.0km az=51.0
NEIC 13 08:54:1.2, 7.1, 15.28N:0.09E, 104.73W, 0.09, h10km, 1km,
Error ellipse: s-maj=18.5km s-min=11.8km az=220.0
MEX 13 08:54:13.2, 0.5, 15.35N:104.70W, h10km, MD4.4
ISC 13 08:54:13.0, 0.8, 15.42N:0.07E, 104.75W, 0.08, h10km,
n224, c1963/28, mb4.3/47, MS3.9/10, Off coast of
Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WRA Warramunga, WRA Warramunga, WRA Warramunga, etc.

IDC 13 08:54:1.1, 0.1, 15.23N:105.147W, h0km, mb4.1/13,
mb1 4.3/17, mb1mx1.5/1, mbtmp4.1/17, ML3.3/4, MS3.8/14,
Ms1 3.8/14, mb1mx3.7/36, Error ellipse: s-maj=41.7km
s-min=15.0km az=51.0
NEIC 13 08:54:1.2, 7.1, 15.28N:0.09E, 104.73W, 0.09, h10km, 1km,
Error ellipse: s-maj=18.5km s-min=11.8km az=220.0
MEX 13 08:54:13.2, 0.5, 15.35N:104.70W, h10km, MD4.4
ISC 13 08:54:13.0, 0.8, 15.42N:0.07E, 104.75W, 0.08, h10km,
n224, c1963/28, mb4.3/47, MS3.9/10, Off coast of
Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WRA Warramunga, WRA Warramunga, WRA Warramunga, etc.

13d 8h

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Table with columns: TXAR, Lajitas Array, 13.89, 4, Pn, Pn, 08 57 32.9+2.5, etc. Lists various astronomical observations with station names, coordinates, and times.

Table with columns: S22A, 4UR Ranch, Cre, 22.32, 356, P, P, 08 59 14.9+3.5, etc. Lists astronomical observations from various stations like DECC, GSC, T3SA, etc.

Table with columns: CHIC, Chingaza, 32.32, 106, eP, P, 09 00 45.5+2.3, etc. Lists astronomical observations from stations like RUSC, EGMT, AGMN, etc.

Table with columns: Code, Station Name, Az, AzT, Op, Phase ID, Time Res, ISC, etc. Lists station information and observation details for various stations like HNR, DZM, PMG, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like BBOO, KNRA, NLAJ, FITZ, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like R11A, MK31, MKAR, ZAAO, etc.

IDC 13 09:08:09.2.2.0, 11:60S:162:59E, h0km, mb3.9/4, mb1.4/0.6, mb1mx3.6/55, mbtmp3.9/6, ML3.7/2, Error ellipse: s-maj=44.6km s-min=28.0km az=70.0

NEIC 13 09:08:11.1.1.4, 11:7S:0:1:162:6E:0:2, h10km,2km, mb4.6/5, Error ellipse: s-maj=29.9km s-min=15.0km az=54.0

ISC 13 09:08:11.3.1.0, 11:6S:0:1:162:6E:0:1, h10km, n16, c14717, mb4.1/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and other technical details. Includes stations like HNR, DZM, COEM, etc.

NEIC 13 09:12:02.4.1.8, 6:52S:0:09:155:30E:0:08, h35km, 1km, mb4.8/58, Error ellipse: s-maj=14.8km s-min=12.8km az=193.0

IDC 13 09:12:06.3.1.9, 6:56S:155:20E, h27km, 17km, mb4.2/20, mb1.4/2.25, mb1mx4.2/54, mbtmp4.5/25, MS3.4/4, Ms1 3.4/4, ms1mx3.0/39, Error ellipse: s-maj=12.9km s-min=11.5km az=9.0

DJA 13 09:12:11.0.2.8.7.5, 11:15:5E:1:8, h100km, 8km, mb5.0/13, mb5.0/13, mb5.3/2, h100km, 8/2

ISC 13 09:12:05.0.4.6, 6:55S:0:05:155:24E:0:05, h66km, n117, c181715, mb4.7/51, 1C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, and other technical details. Includes stations like RABL, KRVT, KRVT, HNR, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like SJUI, SWI, AS31, ASAR, etc.

Table with columns: Station, Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Santo Domingo, Geres Array B, etc.

IDC 13 09:28:18.6:1.9, 6.93S:155.25E, h0km, mb3.6/5, mb1.3/7, mb1mx3.7/32, mbtmp3.7/7, ML2.5/2, Error ellipse: s-maj=47.7km, s-min=28.7km, az=124.0

ISC 13 09:28:20.9:1.4, 6.85S:1.155.2E:0.2, h10km, n7, c160/8, mb3.6/5, Bougainville-Solomon Islands region

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

BUJ 13 09:29:17.2:0.0, 10.98S:162.44E, h11km, mB5.4/42, mb4.9/50, MS5.2/42, Ms7.4/941

IDC 13 09:29:18.8:0.3, 10.98S:162.06E, h0km, mb5.0/27, mb1.5/129, mb1mx5.1/32, mbtmp5.0/29, ML4.6/2, MS4.8/37, Ms1.4/8/37, ms1mx4.7/54, Error ellipse: s-maj=12.9km, s-min=11.9km, az=78.0

NEIC 13 09:29:21.2:1.4, 11.08S:0.08:162.12E:0.08, h19km, 3km, mb5.2/187, Error ellipse: s-maj=13.5km, s-min=9.9km, az=48.0

MOS 13 09:29:22.7:1.1, 10.93S:162.02E, h33km, mb5.3/36, MS4.9/7, Error ellipse: s-maj=8.0km, s-min=6.9km, az=128.0

GCMT 13 09:29:23.2:0.1, 11.14S:0.01:162.07E:0.01, h18km, MW5.5/134, Moment Tensor Solution, s101.c177; s134.c241; Duration: 154 Moment tensor: Scale 1017 Nm; Mr:1.25;0.3; M0: -1.14; 0.2; M0: -0.10; 0.2; Mo: 1.41; 0.7; M0:0.87; 0.2; M0:0.89; 0.7; Best double couple: M0:2.0600; 1.127 NP1:0.296.0000; 0.21.0000; 0.84.0000; NP2:0.1200; 0.870.0000; 0.20.0000; Principal axes: T 2.0150, P165.0000; Azm36.0000; N 0.3840, Plg2.0000; Azm31.0000; P -2.3970, Plg25.0000; Azm22.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 13 09:29:23.4:0.5, 11.05S:0.04:162.16E:0.04, h18km, 3km, mb39.1821/592, mb5.2/176, MS4.8/54, 35C-23D, Bougainville-Solomon Islands region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Honiara, Port Moresby, Tarawa, etc.

Large table with columns: STKA, Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Warramunga Arr, etc.

Large table with columns: PLAI, Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Plampang, Meeekatharra, etc.

YKA Yellowknife Ar 96.57 28 P P 09 52 19.8 +0.1
0.5nm,0.6s,baz=261,slow=4.2,SNR=9.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Tarama, Miyako jima3, Ishigaki jima, etc.

IDC 13 09:40:05.5:1.6,23:85N:124:78E,h0km,mb3.7/4,
mb1 3.7/5,mb1mx3.4/45,mbtmp3.7/5,ML2.2/1,MS4.2/1,
MS1 4.2/1,ms1mx3.1/68,Error ellipse: s-maj=56.1km
s-min=29.0km,az=68.0

JMA 13 09:40:09.6:0.2,23:97N:124:96E,h43km,M3.1
ISC 13 09:40:08.9:0.2,23:97N:124:96E:0.06,h23km,15km,
n18,c060/22,mb3.7/4,Southwestern Ryukyu Islands

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

IDC 13 09:40:36.9:2.8,11:53S:162:87E,h0km,mb3.8/4,
mb1 4.0/5,mb1mx3.7/47,mbtmp3.9/5,ML4.4/1,Error
ellipse: s-maj=55.0km s-min=37.9km az=95.0

NEIC 13 09:40:39.1:0.7,11:65S:0:2:162:9E:0.1,h6km,7km,
mb4.3/7,Error ellipse: s-maj=24.5km s-min=12.4km
az=208.0

ISC 13 09:40:42.9:0.9,11:65S:0:1:162:9E:0.1,h35km,n15,
c0571/16,mb3.9/6,Bougainville-Solomon Islands region

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

IDC 13 09:49:51.1:1.1,11:42S:161:98E,h0km,mb3.8/9,
mb1 4.0/11,mb1mx3.8/46,mbtmp3.8/11,ML3.7/2,MS3.8/1,
MS1 3.8/1,ms1mx3.2/36,Error ellipse: s-maj=28.5km
s-min=23.7km az=110.0

NEIC 13 09:49:53.1:2.1,11:35S:0:1:162:1E:0.2,h10km,2km,
mb4.1/2,Error ellipse: s-maj=29.4km s-min=14.0km
az=53.0

ISC 13 09:49:56.9:0.8,11:36S:0:0:9:162:1E:0.1,h39km,n19,
c136/19,mb3.7/9,Bougainville-Solomon Islands region

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

NNC 13 09:50:27.3:0.6,44:18N:81:62E,h0km,mb3.7mpv3.7,
Error ellipse: s-maj=6.2km s-min=2.9km az=128.0

SOME 13 09:50:27.7,44:03N:81:62E,h25km
ISC 13 09:50:25.1:1.6,44:09N:0:05:81:67E:0.05,h5km,12km,
n48,c1937/70,10C-9D,Northern Xinjiang

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

PDGK Podgornoye 1.75 245 P Pg 09 51 00.3 +1.6
8.7nm,0.2s

Table with columns: PDGK, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Podgornoye, KAPLararas, etc.

PDGK 288nm,0.2s
Podgornoye 1.75 245 P Pg 09 50 58.8 +0.2
23nm,0.6s

SHLS 357nm,0.2s
Shalkode 1.85 241 P Pn 09 50 57.3 -0.4
85nm,0.2s

SHLS 357nm,0.2s
Shalkode 1.85 241 P Pn 09 50 57.3 -0.4
100nm,0.3s

KAPS 38nm,0.4s
KAPLararas 2.03 307 eP Pg 09 51 04.4 +0.4

KAPS 116nm,0.3s
KAPLararas 2.03 307 eP Pg 09 51 03.6 -0.4

KAPS 32nm,0.6s
KAPLararas 2.03 307 eP Pg 09 51 30.7 +0.3

UZB 135nm,0.3s
UzYnbulak 2.14 245 eP Pn 09 51 04.8 +0.4

UZB 208nm,0.2s
UzYnbulak 2.14 245 eP Pg 09 51 06.1 +0.2

UZB 11nm,0.2s
UzYnbulak 2.14 245 eP Pg 09 51 33.9

UZB 173nm,0.3s
UzYnbulak 2.14 245 eP Pg 09 51 33.9

KPKS 93nm,0.1s
Kokpek 2.25 255 eP Pn 09 51 05.8 -0.4

KPKS 3um,0.5s
Taldygoorghan 2.50 293 eP Pg 09 51 33.4 -1.0

TKD 85nm,0.5s
Taldygoorghan 2.50 293 eP Pg 09 51 16.2 +0.8

TKD 205nm,0.5s
Taldygoorghan 2.50 293 Pg Pg 09 51 13.2 +0.2

TKD 205nm,0.5s
Taldygoorghan 2.50 293 Pg Pg 09 51 46.2

SATY 10.0nm,0.1s
Saty 2.58 248 eP Pg 09 51 13.5 -1.1

SATY 253nm,0.2s
Saty 2.58 248 Pg Pg 09 51 46.4 -1.7

SATY 10.0nm,0.1s
Saty 2.58 248 Pg Pg 09 51 15.0 +0.4

SATY 253nm,0.2s
Saty 2.58 248 Pg Pg 09 51 48.9

KURS 6.8nm,0.4s
Kuram 2.60 258 eP Pg 09 51 14.4 -0.5

KURS 53nm,0.4s
Kuram 2.60 258 Pg Pg 09 51 47.8 -0.8

KURS 6.7nm,0.4s
Kuram 2.60 258 Pg Pg 09 51 15.2 +0.3

KURS 53nm,0.4s
Kuram 2.60 258 Pg Pg 09 51 49.4

MAKZ 4.4nm,0.6s
Makanchi 2.73 5 P Pg Pg 09 51 16.1 -1.2

MAKZ 13nm,0.6s
Makanchi Array 2.74 9 Pn Pn 09 51 10.6 +0.8

MAKZ 0.3nm,0.4s,baz=182,slow=13,SNR=120
Makanchi Array 2.74 9 Pn Pn 09 51 16.4 -1.2

MK31 5.7nm,0.4s,baz=183,slow=16,SNR=6.5
Makanchi Array 2.74 9 Pn Pn 09 51 48.9

MK31 2.7nm,0.5s,baz=184,slow=30,SNR=6.5
Makanchi Array 2.74 9 Pn Pn 09 51 17.1 -0.9

ARXS 11nm,0.1s
Arharly 2.77 274 eP Pg 09 51 52.6 -1.3

ARXS 151nm,0.4s
Arharly 2.77 274 eP Pg 09 51 18.0 -0.1

ARXS 11nm,0.1s
Arharly 2.77 274 eP Pg 09 51 53.9

CHKK 155nm,0.4s
Chushkaly 3.38 268 eP Pg 09 51 27.6 -2.3

CHKK 15nm,0.3s
Chushkaly 3.38 268 eP Pg 09 52 10.4 -3.4

CHKK 98nm,0.3s
Chushkaly 3.38 268 eP Pg 09 52 12.8

CHKK 15nm,0.3s
Chushkaly 3.38 268 eP Pg 09 52 12.8

CHKK 98nm,0.3s
Chushkaly 3.38 268 eP Pg 09 52 12.8

BTLS 2.2nm,0.4s Lg Lg 09 53 23.6

KURBB Kurchatov Arra 6.87 343 P Pg Lg 09 53 59.5
6.8nm,0.7s

KURK Kurchatov 6.94 344 P Pg Lg 09 54 03.5
5.9nm,0.9s

IDC 13 09:52:19.1:0.9,3:42S:145:52E,h0km,mb4.0/10,
mb1 4.2/12,mb1mx3.9/45,mbtmp4.0/12,ML4.0/1,Error
ellipse: s-maj=33.0km s-min=16.2km az=99.0

NEIC 13 09:52:23.7:1.1,3:41S:0:0:145:5E:0.1,h32km,5km,
mb4.4/11,Error ellipse: s-maj=15.2km s-min=8.6km
az=72.0

ISC 13 09:52:22.8:0.6,3:36S:0:0:7:145:5E:0.1,h23km,n28,
c15129,mb4.0/11,Near north coast of New Guinea

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

UCR 13 09:54:30.4:1.1,9:32N:84:68W,h16km,6km,MD3.7,
Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Lucha 2, Dominical, Arenal, etc.

IDC 13 09:56:22.4:2.5,11:36S:161:80E,h0km,mb3.8/4,
mb1 3.9/6,mb1mx3.6/52,mbtmp3.8/6,ML3.6/2,Error
ellipse: s-maj=51.0km s-min=24.7km az=72.0

NEIC 13 09:56:26.4:1.7,11:25S:0:10:161:9E:0.2,h30km,6km,
mb4.3/8,Error ellipse: s-maj=22.3km s-min=13.7km
az=75.0

ISC 13 09:56:23.2:1.2,11:25S:0:10:162:1E:0.2,h10km,n24,
c153/19,mb3.9/7,Bougainville-Solomon Islands region

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

JMA 13 10:00:48.7:0.2,44:01N:148:10E,h0km,MA.5

MOS 13 10:00:49.2:1.2,44:56N:148:11E,h73km,mb4.0,Error

13d 10h

Table with columns: ELK, comp, Z, mmax, pmax, and numerical values. Includes stations like Elko, Newport, Newburg, etc.

ISC 13 10:07:39.0, 1.4, 35.28N, 45.44E, h0km, 7km, ML3.0
TEH 13 10:07:53.5, 35.28N, 45.57E, h7km, ML2.9
ISC 13 10:07:40.4, 3.4, 36.00N, 0.3, 45.14E, h10km, n10,

Table with columns: Code, Station Name, A, AZ, Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Kiruk, Mousil, etc.

2014 APR

10 09 29.0

Main table with columns: Code, Station Name, A, AZ, Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like HNR, DZM, PMG, etc.

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Table with columns: AS31, Alice Springs, ASAR, Alice Springs, etc. Includes numerical values and station codes.

ASAJ	Asahikawa	57.86 344	P	P	10 19 41.4 -0.1
ASAJ	Korea Array	58.05 328	P	P	10 19 42.9 -0.1
KSRS	Wonju Array Be	58.06 328	P	P	10 19 43.3 +0.2
KSAR	Wonju Array Be	58.06 328	P	P	10 19 43.3 +0.2
MYKOM	Kota Tinggi	59.26 279	P	P	10 19 52.0 0.0
QIZ	Olongzhong	59.58 300	P	P	10 19 54.9 +0.8
QIZ			S	S	10 20 09.6 +5.1
QIZ	comp=Z,800nm,23.5s		LR	LR	
QIZ	comp=Z,970nm,21.1s		LR	LR	
NJ2	Nanjing	59.65 318	eP	pmax	10 19 56.3 +2.0
NJ2			pmax	pmax	
YSS	Yuzh-Sakhalins	60.45 345	eP	pmax	10 20 00.8 +1.4
YSS	comp=Z,10.0nm,0.9s		pmax	pmax	
TEY	Terne	60.55 340	eP	MLR	10 20 00.6 +0.4
USA0B	Ussuriysk Arra	61.56 336	p	P	10 20 08.1 +1.0
USRK	Ussuriysk Ar.	61.56 336	P	P	10 20 07.6 +0.6
USRK	comp=Z,7.4nm,0.9s,baz=144,slow=5.9,SNR=7.5		LR	LR	10 42 49.1
USRK	Ussuriysk Ar.	61.56 336	P	P	10 20 07.9 +0.8
USRK	Ussuriysk Ar.	61.56 336	P	P	10 20 07.9 +0.8
IPM	Ipoh	62.67 281	P	P	10 20 15.3 +0.1
IPM	Ipoh	62.67 281	P	P	10 20 15.0 -0.2
KULM	Kulim	63.24 282	P	P	10 20 19.0 +0.1
TYV	Tyumovskoe	64.11 346	eP	pmax	10 20 34.2 +1.0
PETK	Petrovavlovsk-	64.20 357	P	P	10 20 23.6 -0.9
PETK	Petrovavlovsk-	64.20 357	P	P	10 20 23.6 -0.9
GSI	Gunungsitoli	65.25 277	P	P	10 20 32.0 -0.1
GYA	Guiyang	65.54 306	eP	pmax	10 20 34.5 +0.5
GYA			p	P	10 20 31.4 +3.0
GYA			S	S	10 20 29.5 +1.0
GYA	comp=Z,10.0nm,0.5s		pmax	pmax	
GYA	comp=Z,180nm,5.6s		LR	LR	
GYA	comp=Z,840nm,16.0s		LR	LR	
GYA	comp=Z,620nm,17.0s		LR	LR	
GYA	comp=Z,880nm,18.7s		LR	LR	
KLR	Kul'dur	65.85 339	eP	pmax	10 20 35.1 -0.2
VNDA	Vanda	66.26 180	P	P	10 20 37.4 -0.2
VNDA	Vanda	66.26 180	P	P	10 20 38.3 +0.7
VNDA	comp=Z,11nm,0.8s		pmax	pmax	
VNDA	comp=Z,11nm,0.8s		IAMB	IAMB	
XAN	Xi'an	67.59 314	p	P	10 20 46.6 -0.2
XAN			pP	pmax	10 20 54.6 -0.6
XAN	comp=Z,9.0nm,0.8s		LR	LR	
XAN	comp=Z,1µm,14.7s		LR	LR	
XAN	comp=Z,1µm,15.7s		LR	LR	
XAN	comp=Z,2µm,18.6s		LR	LR	
KMI	Kunming	68.14 303	P	P	10 20 52.4 +1.8
KMI			pP	sP	10 20 55.3 +2.6
KMI			sP	pWP	10 20 56.3 -3.0
KMI			PP	PP	10 23 23.9 +2.8
KMI			S	S	10 29 51.3 +0.1
KMI			sS	sS	10 29 55.4 +1.9
KMI			SS	SS	10 34 15.4 +1.3
KMI	comp=Z,1.1nm,0.5s		pmax	pmax	
KMI	comp=Z,370nm,8.3s		LR	LR	
KMI	comp=Z,1µm,18.4s		LR	LR	
KMI	comp=Z,830nm,20.5s		LR	LR	
CMAR	Chiang Mai Arr	68.86 295	P	P	10 20 54.9 -0.1
CMAR	comp=Z,2µm,20.5s		LR	LR	
CMAR	comp=Z,4.7nm,1.0s,baz=116,slow=4.7,SNR=12		LR	LR	10 52 28.2
CMAR	Chiang Mai Arr	68.86 295	eP	pmax	10 20 56.0 +1.0
CMAR	comp=Z,5.4nm,19.2s,baz=110,slow=37		LR	LR	
CMAR	Chiang Mai Arr	68.86 295	P	P	10 20 55.2 +0.2
CMAR	Chiang Mai Arr	68.86 295	P	P	10 20 56.3 +0.5
CHTO	Chiang Mai	68.98 295	P	P	10 20 56.2 +0.5
CHTO	comp=Z,7.0nm,1.0s		IAMB	IAMB	10 21 26.3
HHC	Hu-ho-hao-te	69.66 321	eP	S	10 21 00.0 +0.3
HHC			S	S	10 30 07.5 -1.0
HHC	comp=Z,7.0nm,0.6s		pmax	pmax	
HHC	comp=Z,210nm,5.8s		LR	LR	
HHC	comp=Z,900nm,18.1s		LR	LR	
HHC	comp=Z,620nm,17.7s		LR	LR	
HHC	comp=Z,1µm,15.3s		LR	LR	
MA2	Magadan	71.16 354	p	P	10 21 09.1 +0.8
MA2			pmax	pmax	
ZEA	Zeya	71.16 339	eP	pmax	10 21 09.8 +1.4
ZEA			pmax	pmax	
LZH	Lanzhou	72.22 314	eP	P	10 21 15.5 +0.1
LZH			pP	pP	10 21 46.6 -2.4
LZH			sP	sP	10 21 25.9 -7.7
LZH	comp=Z,24nm,1.0s		pmax	pmax	
SEY	Seymchan	74.33 355	p	P	10 21 27.1 +0.1
ULN	Ulanbaatar	76.35 325	P	P	10 21 39.9 +0.6
ULN	comp=Z,11nm,0.8s		pmax	pmax	
ULN	Ulanbaatar	76.35 325	P	IAMB	10 21 39.9 +0.6
ULN	comp=Z,11nm,0.8s		IAMB	IAMB	10 21 41.6
GTA	Gaotai	76.59 315	eP	P	10 21 42.3 +1.5
GTA			pP	pP	10 21 46.6 -2.6
GTA			sP	sP	10 21 49.6 -2.7
GTA	comp=Z,5.0nm,1.0s		pmax	pmax	
GTA	comp=Z,170nm,5.8s		LR	LR	
GTA	comp=Z,1µm,17.9s		LR	LR	
GTA	comp=Z,2µm,19.6s		LR	LR	
GTA	comp=Z,2µm,19.6s		LR	LR	
SONM	Songino Array	76.70 325	P	P	10 21 39.4 -1.8
SONM	comp=Z,10nm,0.8s,baz=142,slow=5.6,SNR=26		LR	LR	10 57 03.4
SONM	comp=Z,1µm,18.0s,baz=118,slow=37		LR	LR	
SONM	Songino Array	76.70 325	P	pmax	10 21 40.9 -0.3
SONM	comp=Z,10.0nm,0.8s		pmax	pmax	
SONM	Songino Array	76.70 325	P	P	10 21 40.9 -0.3
SONM	Yakutsk	77.30 345	eP	P	10 21 44.4 +0.4
YAK			P	P	10 21 51.6
YAK			e	e	10 24 38.1
YAK			ePPP	PPP	10 26 26.4
YAK			eS	S	10 31 27.5 -6.3
YAK			eSS	SS	10 31 56.3
YAK			eSS	SS	10 32 10.1 +8.6

YAK	Yakutsk	77.30 345	P	P	10 21 44.3 +0.4
YAK	Kodiak Island	78.14 23	P	P	10 21 51.0 +2.2
YAK	Kodiak Island	78.14 23	P	P	10 21 50.4 +1.6
KDAD	Kodiak Island	78.14 23	P	P	10 21 50.4 +1.6
KDAD	comp=Z,327nm,1.9s		pmax	pmax	
KDAD	Kodiak Island	78.14 23	P	P	10 21 50.4 +1.6
QSPA	South Pole Qui	78.76 180	P	P	10 21 52.1 -0.3
QSPA	comp=Z,23nm,0.8s,baz=319,slow=15,SNR=2.4		IAMB	IAMB	10 22 07.9
BILL	Bilbino	79.14 20eP	P	P	10 21 54.7 +0.6
BILL			e	e	10 20 21.1
BILL			e	e	10 20 20.9
BILL			eS	SS	10 31 55.4 +2.0
BILL			eSS	SS	10 37 04.3 +4.5
BILL	comp=Z,11nm,1.3s		MLR	MLR	
BILL	comp=Z,1µm,19.0s		IAMB	IAMB	10 21 54.7 +0.6
BILL	Bilbino	79.14 2	P	P	10 22 09.6
BOD	Bodaibo	79.19 336	eP	pmax	10 21 54.0 -0.6
BOD			pmax	pmax	
SVWZ	Sparrevohk	79.48 19	P	P	10 21 58.1 +1.9
ZAK	Zakamensk	79.80 326	eP	pmax	10 21 57.5 -0.8
ZAK			pmax	pmax	
TLY	Talaya	80.29 327	p	pmax	10 22 00.7 -0.1
TLY	comp=Z,10.0nm,1.1s		p	P	10 22 01.0 +0.2
TLY	Talaya	80.29 327	P	P	10 22 16.0 +0.2
PALK	Pallekele	82.97 279	p	P	10 22 15.6 -0.1
MAW	Mawson	83.16 202	P	P	10 22 15.6 -0.1
MAW	comp=Z,2.8nm,0.7s,baz=39,slow=12,SNR=5.4		LR	LR	10 55 52.4
MAW	Mawson	83.16 202	P	P	10 22 14.2 -1.5
MAW	comp=Z,842nm,19.0s,baz=72,slow=33		pmax	pmax	
MAW	Mawson	83.16 202	P	P	10 22 14.2 -1.5
MCK	McKinley	83.53 20	P	P	10 22 19.7 +2.1
MCK			pmax	pmax	
MCK	McKinley	83.53 20	P	P	10 22 19.7 +2.1
IMAR	Indian Mountai	83.63 17	P	P	10 22 19.2 +1.2
MLY	Manley	83.64 18	IAMB	IAMB	10 22 20.7 +1.6
MLY			IAMB	IAMB	10 23 00.3
WRH	Wood River Hill	84.30 19	P	P	10 22 22.5 +1.1
WRH			IAMB	IAMB	10 23 01.4
CCB	Clear Creek Bu	84.51 19	P	P	10 22 23.0 +0.5
CCB			IAMB	IAMB	10 22 37.2
HDA	Harding Lake	84.64 20	P	P	10 22 24.6 +1.4
HDA	Harding Lake	84.64 20	P	P	10 22 24.6 +1.4
HDA	comp=Z,1.7nm,0.8s		IAMB	IAMB	10 22 38.5
COL	CIGQ, UAF Yank	84.64 19	P	P	10 22 24.6 +1.5
COL	College	84.64 19	P	P	10 22 23.0 -0.2
COL	comp=Z,1.9nm,0.9s		pmax	pmax	
COL	College	84.64 19	P	P	10 22 23.0 -0.2
ILAR	Eielson Array	84.89 20	P	P	10 22 24.0 +0.2
ILAR	comp=Z,1.1nm,0.7s,baz=246,slow=4.6,SNR=11		pmax	pmax	
ILAR	Eielson Array	84.89 20	P	P	10 22 26.1 +1.6
ILAR	Eielson Array	84.89 20	P	P	10 22 26.1 +1.6
TIXI	Tiksi	85.62 350	eP	pmax	10 22 28.2 +0.3
TIXI			pmax	pmax	
TIXI	Tiksi	85.62 350	P	P	10 22 27.5 -0.5
TIXI			IAMB	IAMB	10 22 31.5
BCAR	Beaver Creek A	85.64 22	P	P	10 22 29.8 +1.5
N02D	Trinity Center	86.43 47	P	P	10 22 31.7 -1.0
M02C	Callahan	86.45 47	P	P	10 22 31.2 -1.6
TOLK	Toolik Lake Re	86.66 16	P	P	10 22 35.0 +1.8
YBH	Yreka Blue Hor	86.66 46	P	P	10 22 34.0 +0.1
YBH			pmax	pmax	
YBH	Yreka Blue Hor	86.66 46	P	P	10 22 34.0 +0.1
YBH	Yreka Blue Hor	86.67 316	eP	p	10 22 35.3 +1.5
WMQ	WMQ		pP	pP	10 22 40.8 -1.4
WMQ	WMQ		pP	pP	10 22 41.9 +5.7
WMQ	comp=Z,17nm,0.7s		pmax	pmax	
WMQ	comp=Z,170nm,4.7s		LR	LR	
WMQ	comp=Z,920nm,19.1s		LR	LR	
WMQ	comp=Z,660nm,21.9s		LR	LR	
PKM	Mpelson Peak	86.84 54	P	P	10 22 36.5 +1.4
EGAK	Eagle	86.85 21	P	P	10 22 35.8 +1.6
EGAK			IAMB	IAMB	10 22 54.5
O03E	Paynes Creek	86.88 48	P	P	10 22 36.9 +2.0
ORV	Oroville	86.88 49	P	P	10 22 35.5 +0.6
ORV			pmax	pmax	
ORV	Oroville	86.88 49	P	P	10 22 35.5 +0.6
ORV			IAMB	IAMB	10 23 16.5
AFDM	Forest Hills D	87.09 50	P	P	10 22 35.3 -0.7
AFDM			IAMB	IAMB	10 22 39.9
CMB	Columbia Cole	87.27 51	P	P	10 22 38.3 +1.4
CMB			pmax	pmax	
CMB	Columbia Cole	87.27 51	P	P	10 22 38.3 +1.4
M04C	Macdoel	87.30 47	P	P	10 22 38.3 +1.3
BMAR	Burnt Mountain	87.30 18	P	P	10 22 38.0 +1.6
BEKR	Beckworth	87.81 49	P	P	10 22 41.0 +1.4
MDPB	Devils Postpil	88.16 51	IAMB	IAMB	10 22 42.2 +0.8
MDPB			IAMB	IAMB	10 23 23.8
PNTR	Pine Nut	88.16 50	P	P	10 22 41.9 +0.6
PNTR			IAMB	IAMB	10 23 19.8
J05D	Fort Rock, OR	88.17 45	P	P	10 22 42.5 +1.2
J05D	comp=Z,7.6nm,1.0s		IAMB	IAMB	10 23 20.6
MOD	Modoc Plateau	88.43 47	P	P	10 22 42.8 +0.3
MOD			IAMB	IAMB	10 23 20.6
PAH	Pah Rah Range	88.49 49	P	P	10 22 44.1 +1.3
NVAR	Mina Array Bea	88.96 51	P	P	10 22 45.7 +0.6
NVAR	comp=Z,2.6nm,0.8s,baz=235,slow=7.7,SNR=7.1		LR	LR	10 54 21.1
NVAR	comp=Z,1µm,20.7s,baz=276,slow=30		LR	LR	10 54 21.1
NVAR	Mina Array Bea	88.96 51	P	P	10 22 46.0 +0.9
NV11	Mina Array Sit	89.07 51	P	P	10 22 46.4 +0.8
EPVK	Eagle Plains	89.26 21	P	P	10 22 47.7 +2.0
KVN	Kaiserville	89.27 50	P	P	10 22 46.8 +0.2
KVN			pmax	pmax	

KVN	Kaiserville	89.27 50	P	P	10 22 46.8 +0.2
GRAC	Grapevine Rang	89.51 52	P	P	10 22 47.3 +0.7
FURC	Furnace Creek,	89.57 53	P	P	10 22 48.7 +1.0
I07A	Izee	89.60 45	P	P	10 22 48.9 +1.0
I07A			IAMB	IAMB	10 23 36.8
WVOR	Wild Horse Val	89.76 47	P	P	

Table with columns: KEST, Kepra, 145.27 319, PKPbc, PKPdf, 10 29 28.3, 0.0. Includes stations like Braganca, Gavieta, Monaco, Vila Real, etc.

Table with columns: FORT, Forrest, 36.97 233, P, P, 10 32 00.1, +0.1. Includes stations like Banuwala, Eielson Array, Yellowknife Arr, etc.

Table with columns: CHKT, baz=185, S, S, 10 26 19.1, +0.7. Includes stations like Zhushan, Emla, etc.

IDC 13 10:16:47.0-1.6, 163975x13:57W, h0km, mb3.6/5, mb1 4.0/5, mb1mx3.7/36, mbtmp3.6/5, Error ellipse: s-maj=58.1km s-min=-38.2km az=39.0, Southern East

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Paz, Mina Array, Pinedale, etc.

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

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

IDC 13 10:21:49.5-4.8, 11:18Sx161:81E, h0km, mb3.7/4, mb1 3.9/6, mb1mx3.6/42, mbtmp3.8/6, ML3.5/2, Error ellipse: s-maj=86.8km s-min=26.5km az=60.0

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

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

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

IDC 13 10:24:47.7-1.5, 11:27Sx161:98E, h0km, mb3.6/4, mb1 3.9/6, mb1mx3.6/41, mbtmp3.7/6, ML3.6/2, Error ellipse: s-maj=35.7km s-min=30.3km az=126.0

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

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

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

IDC 13 10:24:50.3-0.8, 11:25Sx162:0E-0.1, h10km, n24, o1527/18, mb3.8/7, Bougainville-Solomon Islands region

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

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

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

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

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

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

IDC 13 10:26:18.4-0.6, 11:18'S; 162.09'E, h0km, mb4.2/20, mb1 4.3/22, mb1mx4.3/37, mbtmp4.2/22, ML4.0/2, MS4.6/10, MS1 4.6/10, ms1mx4.3/39, Error ellipse: s-maj=15.7km s-min=15.6km az=25.0

NEIC 13 10:26:22.8-2.0, 11:19'S; 0.1:162.1E:0.1, h26km, 5km, mb4.7/37, Error ellipse: s-maj=17.7km s-min=11.3km az=50.0

GCMT 13 10:26:23.8-0.2, 11:21'S; 0.0:162.199E:0.02, h18km, 1km, MW5.2/94, Moment Tensor Solution, s15,c20; s94,c141; Duration: 0 Moment tensor: Scale 10^19Nm; Mr3.43±.36; Mw3.04±.23; Ms=0.30±.21; M2.00±.42; Mw3.51±.15; Mw=4.70±.65; Best double couple: M7.15100x1016 NP1=273.00000°, S32.00000°, P34.00000°, NP2=0±153.00000°, S72.00000°, P117.00000°. Principal axes: T 6.6290, P1654.0000°, Azm97.0000°, N 1.0460, Plg26.0000°, Azm324.0000°, P -7.6730, Plg23.0000°, Azm222.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 10:26:20.7-0.4, 11:14'S; 0.07x162.15E:0.06, h10km, n103, c1567/97, mb4.6/44, MS4.6/11, Bougainville-Solomon Islands region

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

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

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

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

IDC 13 10:42:58.5-0.5, 7:74'N; 37.26'W, h0km, mb4.3/26, mb1 4.5/27, mb1mx4.4/37, mbtmp4.3/27, ML4.2/1, MS4.3/8, MS1 4.3/8, ms1mx4.0/37, Error ellipse: s-maj=16.2km s-min=11.4km az=140.0

NEIC 13 10:43:00.8-2.0, 7:66'N; 0.1:37.1W:0.1, h10km, 1km, mb4.8/159, Error ellipse: s-maj=17.4km s-min=15.3km az=128.0

GCMT 13 10:43:01.8-0.4, 7:74'N; 0.03:37.35W:0.03, h18km, 2km, MW5.1/74, Moment Tensor Solution, s21,c22; s74,c49; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-2.08±.00; Mw1.70±.32; Ms=0.38±.23; Mw=4.11±.23; Mw=4.21±.66; Best double couple: M5.92600x1016 NP1=167.00000°, S52.00000°, P-24.00000°, NP2=0±272.00000°, S71.00000°, P140.00000°. Principal axes: T 6.4610, P12.0000°, Azm35.0000°, N 0.9320, Plg46.0000°, Azm293.0000°, P -6.3910, Plg41.0000°, Azm136.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 10:42:60.0-0.4, 7:56'N; 0.06:37.14W:0.07, h11km, n236, c1519/187, mb4.7/121, MS4.5/7, 4C-10D, Central Mid-Atlantic Ridge

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like R11A, Troy Canyon, BMO, etc.

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

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

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

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

IDC 13 10:39:32.9-0.9, 11:11'S; 162.13'E, h0km, mb4.0/11, mb1 4.1/13, mb1mx4.0/34, mbtmp4.0/13, ML3.4/2, MS4.0/2, MS1 4.0/2, ms1mx3.5/41, Error ellipse: s-maj=24.1km s-min=19.0km az=95.0

NEIC 13 10:39:37.4-3.0, 11:1'S; 0.1:162.3E:0.1, h30km, 2km, mb4.4/10, Error ellipse: s-maj=21.9km s-min=12.9km az=59.0

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

ISC 13 10:39:34.7-0.6, 11.0665'N; 0.08:162.26E:0.09, h10km, n39, c1555/33, mb4.0/14, Bougainville-Solomon Islands region

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like KANB, T35A, W41B, WHAR, PKCU, U38A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like N56A, ULM, ULM, ULM, ULM, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like mb1 4.0/10, mb1mx3.8/30, mbtmp3.8/10, etc.

Table with columns: MCK, MLY, CCB, MKAR, ILAR, ILAR, RIDG, RIDG, CTGM, SCRC, TOLK, TOLK, HYT, LON, NVAR, NVAR, YKA, PDAR, MDT. Includes station names, times, and various codes.

IDC 13 11:59:47.5:2.0, 11.32Sx161.93E, h0km, mb3.5/4, mb1.3/9.6, mb1mx3.6/29, mbtmp3.7/6, ML3.7/2, Error ellipse: s-maj=4.1, s-min=3.1, km az=18.0, NEIC 13 11:59:48.6:2.7, 11.2S:0.1x162.1E:0.1, h0km, 8km, mb4.1/3, Error ellipse: s-maj=2.1, s-min=1.2, km az=22.0

ISC 13 11:59:49.1:1.1, 11.2S:0.1x162.0E:0.1, h10km, n13, a133/15, mb3.6/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Honiara, Mont Dzumac, Charters Tower, Coen, Warramunga Arr, Alice Springs, Kununurra, Eielson Array, Makanchi Array, MKAR.

IDC 13 12:03:24.5:2.5, 11.11Sx162.13E, h0km, mb3.8/4, mb1.4/0.7, mb1mx3.7/31, mbtmp3.9/7, ML3.5/3, MS3.7/1, Ms1.3/7.1, ms1mx3.1/34, Error ellipse: s-maj=46.3km, s-min=26.1km, km az=9.0, NEIC 13 12:03:29.0:1.8, 11.2S:0.1x162.0E:0.2, h10km, 2km, mb4.2/8, Error ellipse: s-maj=34.2km, s-min=5.2km, az=51.0

ISC 13 12:03:26.1:1.6, 11.1S:0.1x162.3E:0.2, h10km, n24, a198/20, mb3.8/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Honiara, Mont Dzumac, Charters Tower, Coen, Warramunga Arr, Alice Springs, Kununurra, Eielson Array, Makanchi Array, MKAR, Stephens Creek, WBO, WBE, WRA, ASAR, ASAR, ASAR, H1S2, H1S3, H1S1, H1N1, H1N3, H1N2, BBOO, KNRA, SONM.

JMA 13 12:06:15.1:0.1, 23.56N:121.47E, h49km, 1km, M3.1, TAP 13 12:06:16.2:23.57N:121.52E, h46km, ML3.5, C, ISC 13 12:06:15.2:0.8, 23.56N:0.01x121.61E:0.02, h27km, n126, a1502/242, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ruisui, HGSD, EGFH, EGFH, EHY, EHY, ESL, ESL, YULB, YULB, ENLB, Shoufeng.

Table with columns: ENLB, TWF1, HWA, HWA, FULB, FULB, WVDW, WVDW, CHKT, CHKT, TWD, TWD, OWD, OWD, NACB, NACB, CHGB, CHGB, CHGB, CHGB, SSSL, SSSL, ETLH, ETLH, ELDTW, ELDTW, WHF, WHF, WHYT, WHYT, WHYT, WHYT, ALS, ALS, TYC, TYC, DPDB, DPDB, TDCB, TDCB, TDCB, TDCB, WJS, WJS, WJS, WJS, CHNS, CHNS, TWH, TWH, TWH, TWH, ENA, ENA, STYT, STYT, STYT, STYT, NNSB, NNSB, NNSB, NNSB, TWGBT, TWGBT, TWGBT, TWGBT, TWG, TWG, TWG, TWG, NNS, NNS, WNT, WNT, WNT, WNT, TTN, TTN, WHP, WHP, TPUB, TPUB, TPUB, TPUB, CHN4, CHN4, WTP, WTP, WTP, WTP, WTK, WTK, WTK, WTK, WDLH, WDLH, WDLH, WDLH, TCU, TCU, TCU, TCU, NDT, NDT, CHN2, CHN2, CHN2, CHN2, SLGT, SLGT, SGST, SGST, SGST, SGST, CHN1, CHN1, CHN1, CHN1.

Table with columns: TWC, TWC, TWK, TWK, ENT, ENT, ENT, ENT, SNST, SNST, CHY, CHY, CHY, CHY, EOST, EOST, EOST, EOST, WCHH, WCHH, WCHH, WCHH, TWQ1, TWQ1, TWQ1, TWQ1, YHNB, YHNB, YHNB, YHNB, NSK, NSK, NSK, NSK, ECL, ECL, ECL, ECL, ECL, ECL, NSY, NSY, NSY, NSY, TWE, TWE, TWE, TWE, WDJ, WDJ, WDJ, WDJ, SLBB, SLBB, SLBB, SLBB, RLNB, RLNB, RLNB, RLNB, RLNB, RLNB, NSTT, NSTT, NSTT, NSTT, WLBG, WLBG, WLBG, WLBG, LIOB, LIOB, LIOB, LIOB, LIOB, LIOB, PTSB, PTSB, PTSB, PTSB, SSD, SSD, SSD, SSD, NWLT, NWLT, NWLT, NWLT, NWLT, NWLT, NMLH, NMLH, NMLH, NMLH, CHN3, CHN3, WTCT, WTCT, WSF, WSF, WSF, WSF, NTC, NTC, NTC, NTC, CHN8, CHN8, CHN8, CHN8, MASBT, MASBT, MASBT, MASBT, TWM1, TWM1, TWM1, TWM1, SGLT, SGLT, SGLT, SGLT, WLBT, WLBT, WLBT, WLBT, SBCB, SBCB, SBCB, SBCB, SCLT, SCLT, SCLT, SCLT, HSN, HSN, EAST, EAST, TAW, TAW, TAW, TAW, NHDH, NHDH, NHDH, NHDH, TATO, TATO, TATO, TATO, TWA, TWA, TWA, TWA, TIPB, TIPB, TIPB, TIPB, SNJT, SNJT, SNJT, SNJT, SSPT, SSPT, SSPT, SSPT, NCUH, NCUH, NCUH, NCUH, TWB1, TWB1, TWB1, TWB1, SCZT, SCZT, SCZT, SCZT.

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
SCZT	baz=211	i	Sb		12 07 00.9	0.0				
NWF	Wu-fen Shan	1.51	6	P	Pb	12 06 41.7	-0.9			
NWF	baz=10.0	e	Sb		12 07 00.3	+0.9				
WFBS	Wu-fen Shan	1.51	6	P	Pb	12 06 41.8	-0.8			
WFBS	baz=10.0	e	Sb		12 06 59.9	+0.6				
LAY	Lan-yu	1.52	182	P	Pn	12 06 40.9	+0.2			
LAY	baz=171	s	Sb		12 06 59.7	+0.2				
TWS1	Kuangyinshan	1.54	354	P	Pn	12 06 41.9	+1.0			
TWS1	baz=11	s	Sb		12 07 01.6	-0.6				
YOJ	Yonaguni jima	1.56	55	P	Pb	12 06 43.7	+0.3			
YOJ	baz=57	s	Sb		12 07 03.0	+0.2				
YOJ	Yonaguni jima	1.56	55	P	Pb	12 06 43.2	-0.3			
YOJ	baz=13	e	Sb		12 07 03.3	+0.5				
YMO1	YMO1	1.58	359	P	Pn	12 06 42.1	+0.7			
YMO1	baz=3.0	s	Sb		12 07 02.1	-1.2				
YMO1	YMO1	1.59	358	P	Pn	12 06 42.3	+0.5			
YMO1	baz=3.0	s	Sb		12 07 01.6	+0.3				
YMO1	YMO1	1.60	359	P	Pn	12 06 42.4	+0.6			
YMO1	baz=3.0	e	Sb		12 07 02.2	+0.7				
YMO3	YMO3	1.61	358	P	Pn	12 06 42.5	+0.5			
YMO3	baz=2.0	e	Sb		12 07 02.0	+0.1				
ANP	Anpu	1.62	357	P	Pn	12 06 42.6	+0.5			
ANP	baz=13	s	Sb		12 06 45.5	+0.4				
WLCH	Liuqu	1.66	223	eP	Pb	12 07 05.7	+0.2			
WLCH	baz=216	e	Sb		12 07 06.2	+0.3				
TWP	Hsialuichu	1.67	224	eS	Pb	12 06 44.9	+1.2			
TWP	baz=216	e	Sb		12 07 05.0	-0.1				
HEN	Hengchun	1.75	208	eP	Pn	12 06 44.4	+0.3			
HEN	baz=189	e	Sb		12 07 05.3	-0.6				
TWK1	Hengchun	1.77	205	P	Pn	12 06 44.1	0.0			
TWK1	baz=188	s	Sb		12 07 04.6	-1.2				
TWKBT	Hengchun	1.77	205	P	Pn	12 06 44.8	+0.6			
TWKBT	baz=187	s	Sb		12 07 05.7	-0.3				
TSEB	Hengchun	1.78	202	P	Pn	12 06 44.4	-0.3			
TSEB	baz=187	s	Sb		12 07 04.6	-0.2				
WDGT	Dungji	1.81	261	iP	Pn	12 06 45.1	-0.5			
WDGT	baz=259	s	Sb		12 07 06.5	-2.0				
PNG	Penghu	1.88	271	iP	Pn	12 06 45.1	-0.5			
PNG	baz=270	i	Sb		12 07 06.5	-2.0				
VCHM	Gimei	2.03	260	P	Pn	12 06 47.3	-0.4			
VCHM	baz=259	s	Sb		12 07 09.7	-2.5				
HATJ	Hateruma jima	2.07	76	P	Pb	12 06 50.3	-1.8			
HATJ	baz=259	e	Sb		12 07 16.0	-1.4				
IRIF	Iriomote-Funau	2.09	68	P	Pb	12 06 51.0	-1.4			
IRIF	baz=259	s	Sb		12 07 16.4	-1.5				
JKRS	Kuro-shima	2.30	73	P	Pb	12 06 53.7	-2.3			
JKRS	baz=308	s	Sb		12 07 21.9	-2.0				
VVUC	VVUC	2.43	306	eP	Pn	12 06 52.9	-0.2			
VVUC	baz=308	e	Sb		12 07 19.1	-2.9				
JJ	Ishigaki jima	2.45	71	P	Pn	12 06 55.1	+1.7			
JJ	baz=320	s	Sb		12 07 23.9	+1.4				
PTTC	Pingtang	2.55	319	eP	Pn	12 06 54.4	-0.4			
PTTC	baz=321	e	Sb		12 07 21.9	-3.1				
JISG	Ishigakijimahi	2.67	67	P	Pn	12 06 58.1	+1.6			
JISG	baz=305	s	Sb		12 07 29.1	+1.1				
PTMZ	Houxiangcun	2.71	303	eP	Pn	12 06 56.8	-0.2			
PTMZ	baz=305	e	Sb		12 07 25.2	-3.6				
MATB	Ma-tsu	2.99	330	eP	Pn	12 06 60.0	-0.8			
MATB	baz=331	e	Sb		12 07 32.7	-3.1				
JTJ	Tarama	3.02	69	P	Pn	12 07 03.5	+2.2			
JTJ	baz=332	s	Sb		12 07 38.2	+1.6				
LYJJ	Jianjiangzhen	3.41	331	eP	Pn	12 07 06.4	-0.3			
LYJJ	baz=332	e	Sb		12 07 44.6	-1.7				
MHZQ	Yeshan	3.44	318	eS	Pn	12 07 45.4	-1.6			
MHZQ	baz=320	e	Sb							

az=62.0

ISC 13 12:10:10.7:1.0,11.5S:0.1:162:6E:0.1,h10km,m15,
#108/16,mb4.0/5,Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
HNR	Honiara	3.35	308	Pn	12 11 02.6	-0.6				
HNR	baz=9.9nm,0.3s,baz=183,slow=20,SNR=1.6									
HNR	Honiara	3.35	308	Pn	12 11 42.9	-0.2				
HNR	baz=14nm,0.3s,baz=162,slow=19,SNR=1.4									
DZM	Mont Dzumac	11.12	161	Pn	12 11 03.6	+0.4				
DZM	baz=0.1nm,0.3s,baz=8.4,slow=8.1,SNR=7.9				12 12 49.5	-0.4				
DZM	Mont Dzumac	11.12	161	Pn	12 12 49.8	-0.1				
COEN	Coen	19.14	261	P	12 14 37.5	+2.4				
WRAB	Tennant Creek	28.45	249	P	12 16 05.7	-0.4				
WRAB	comp=Z,6.3nm,1.4s				12 16 20.3					
WB2	Warramunga Arr	28.46	249	P	12 16 06.5	+0.4				
WB2	comp=Z,3.9nm,1.4s				12 16 15.3					
WR	Alice Springs	28.47	249	P	12 16 02.0	-4.2				
ASAR	Alice Springs	29.87	242	P	12 16 17.0	-1.7				
ASAR	comp=Z,0.6nm,0.8s,baz=66,slow=9.6,SNR=5.7									
ASAR	Alice Springs	29.87	242	P	12 16 17.2	-1.5				
KNRA	Kununurra	33.16	259	P	12 16 46.8	-0.9				
SONM	Songino Array	77.26	325	P	12 22 05.6	+0.2				
SONM	comp=Z,0.9nm,0.7s,baz=123,slow=5.5,SNR=3.7									
SONM	Songino Array	77.26	325	P	12 22 06.3	+0.9				
IMAR	Indian Mountai	83.37	17	P	12 22 39.8	+0.4				
IMAR	comp=Z,0.7nm,0.6s,baz=100,slow=6.3,SNR=5.3				12 23 18.3	-0.6				

SJA 13 12:11:28.2:0.5,20.60S:70:72W,h4km,5km,ML5.4,
MW5.1

ISC 13 12:11:28.2:0.4,20.51S:70:57W,h0km,mb4.8/26,
mb1 4.8/30,mb1mx4.8/37,mbtmp4.8/30,ML4.2/3,MS4.9/10,
Ms1 4.9/10,ms1mx4.9/36,Error ellipse: s-maj=15.4km
s-min=10.0km az=64.0

MOS 13 12:11:30.3:1.6,20.42S:70:60W,h21km,mb5.3/28,Error
ellipse: s-maj=12.8km s-min=7.3km az=108.4

NEIC 13 12:11:30.1:2.1,20.57S:0:02:70:54W,0:03,h13km,3km,
mb5.3/28,MW5.3/43,MW5.5,MW5.2(GUC),Error
ellipse: s-maj=4.6km s-min=3.1km az=113.0

NEIC 13 12:11:30.6:20.59S:70:71W,h15km,Moment Tensor
Solution. Moment tensor: Scale 10¹⁷Nm; Mr0.36;
Mw0.12; Mw0.48; Mw0.38; Mw0.08; Mw0.095; Fault
plane solution: Mo:1.20000x10¹⁷ NP1:0.158770000*,
0.79.190000*,λ82.760000*. NP2:0.12870000*,0.12.990000*,
λ123.420000*. Principal axes: T 1.0600,Plg55.0000*,
Az60.0000*; N 0.1038,Plg7.0000*,Az160.0000*; P
-1.1638,Plg34.0000*,Az255.0000*
VAO 13 12:11:31.8:2.0,20.45S:70:49W,h19km,12km,mb5.1
GUC 13 12:11:31.3:0.8,20.58S:70:72W,h22km,3km,MW5.2
BUJ 13 12:11:32.0:0.0,20.60S:70:70W,h15km,mb5.5/10
NEIC 13 12:11:35.20:62S:70:82W,h26km,Moment Tensor
Solution. Moment tensor: Scale 10¹⁷Nm; Mr0.96;
Mw0.05; Mw0.101; Mw0.47; Mw0.26; Mw0.167; Fault
plane solution: Mo:2.01000x10¹⁷ NP1:0.16400000*,
0.75.000000*,λ89.000000*. NP2:0.34900000*,0.15.000000*,
1.95.000000*. Principal axes: T 1.9539,Plg60.0000*,
Az73.0000*; N 0.1067,Plg1.0000*,Az165.0000*; P
-2.0606,Plg30.0000*,Az256.0000*
GCMT 13 12:11:36.1:0.3,20.58S:0:02:71:01W,0:02,h22km,1km,
MW5.4/48,Moment Tensor Solution. s49.c53; s44.c76;
Duration: 133 Moment tensor: Scale 10¹⁷Nm;
Mr:1.13:05; Mw:0.04:03; Mw:1.09:04; Mw:0.41:05;
Mw:0.28:02; Mw:1.21:08; Best double couple:
Mo:1.71600x10¹⁷ NP1:0.35000000*,0.821.000000*,
λ97.000000*. NP2:0.16200000*,0.89.000000*,λ87.000000*
Principal axes: T 1.7040,Plg66.0000*,Az68.0000*; N
0.0220,Plg3.0000*,Az163.0000*; P -1.7280,
Plg24.0000*,Az254.0000*; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 13 12:11:29.2:1.2,20.57S:0:02:70:72W,0:03,h8km,6km,
#701,137/1660,mb5.3/171,15C-12D,Near coast of
northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
TA01	Diego Aracena	0.50	90	iP	Pb	12 11 40.8	+0.5			
TA01	baz=12.11:31.8:2.0,20.45S:70:49W,h19km,12km,mb5.1				12 11 47.3	-0.5				
PATCX	Punta Patache	0.58	115	iP	Pb	12 11 50.9	+0.5			
PATCX	baz=12.11:31.8:2.0,20.45S:70:49W,h19km,12km,mb5.1				12 11 50.0	-0.3				
PATCX	Punta Patache	0.58	115	iP	Pb	12 11 42.1	+0.3			
PATCX	baz=12.11:31.8:2.0,20.45S:70:49W,h19km,12km,mb5.1				12 11 50.1	-0.2				
PATCX	Punta Patache	0.58	115	iP	Pb	12 11 42.4	+0.5			
PATCX	baz=12.11:31.8:2.0,20.45S:70:49W,h19km,12km,mb5.1				12 11 50.8	+0.5				
PATCX	Punta Patache	0.58	115	iP	Pb	12 11 54.7				
PB02	IPOC Station P	1.07	134	iP	Pb	12 11 50.0	-0.1			
PB02	comp=Z,141um,0.9s				12 12 03.8	-0.5				
PB02	IPOC Station P	1.07	134	iP	Pb	12 11 50.1	-0.1			
PB02	comp=Z,141um,0.9s				12 12 04.9	+1.2				
PB02	IPOC Station P	1.07	134	iP	Pb	12 12 07.0	+1.2			
PB02	comp=Z,168um,0.8s				12 11 50.9	0.0				
PSGC	Pisagua	1.12	30	iP	Pb	12 12 06.5	+1.3			
PSGC	baz=12.11:31.8:2.0,20.45S:70:49W,h19km,12km,mb5.1				12 11 50.9	+0.1				
PSGCX	Pisagua	1.12	30	eS	Pn	12 12 06.6	-0.3			
PSGCX	baz=12.11:31.8:2.0,20.45S:70:49W,h19km,12km,mb5.1				12 11 50.1	+0.1				
PSGCX	Pisagua	1.12</								

Table with columns: Station, Name, Time, Frequency, Mode, and Signal. Includes stations like YOTC, SMTB, CHIC, ANIL, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and Signal. Includes stations like V58A, W52A, V57A, V56A, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and Signal. Includes stations like ABTX, ABTX, FCAR, Q57A, etc.

VNA2	Neumayer-Watz	62.09 161	P	P	12 21 50.8 +0.6
N50A	Nevada	62.11 349	P	P	12 21 50.1 -0.5
L63A	North Scituate	62.12 359	P	P	12 21 51.2 +0.6
M56A	Emporium	62.12 354	P	P	12 21 51.1 +0.3
M55A	Ridgway	62.17 353	P	P	12 21 51.5 +0.4
BRVW	Bryant College	62.17 359	P	P	12 21 51.4 +0.4
L64A	Middleborough	62.19 350	P	P	12 21 51.5 +0.4
MSTX	Muleshoe	62.24 330	P	P	12 21 52.6 +0.8
M54A	Oil Creek Stat	62.31 352	P	P	12 21 51.9 -0.1
L60A	Shokan	62.33 357	P	P	12 21 53.3 +1.3
N49A	Columbus Grove	62.44 349	P	P	12 21 52.2 -0.7
L58A	Harry Jones Me	62.48 356	P	P	12 21 54.2 +1.1
L61A	Hillsdale 1, H	62.50 358	P	P	12 21 54.0 +0.8
L57A	Andrews Acres	62.51 355	P	P	12 21 53.9 +0.6
ALLY	Allegny Colle	62.52 352	P	I	12 21 52.9 -0.4
ALLY	Lafayette	62.52 346	P	P	12 21 52.4 -1.0
ALLY	Lafayette	62.52 346	I	A	12 22 01.0
N48A	Decatur	62.54 348	P	P	12 21 53.0 -0.5
L59A	Walton	62.57 356	P	P	12 21 54.3 +0.5
WES	Weston	62.64 359	I	A	12 22 03.4
BINY	Binghamton	62.64 356	P	P	12 21 55.4 +1.2
L56A	Greenwood	62.71 354	P	P	12 21 55.5 +0.9
L61B	Northampton	62.73 358	P	P	12 21 55.6 +0.9
HRV	Adam Dziewonsk	62.76 359	P	P	12 21 55.8 +0.9
HRV	Adam Dziewonsk	62.76 359	P	P	12 21 56.1 +1.2
HRV	Adam Dziewonsk	62.76 359	P	P	12 21 55.8 +0.9
L53A	Girard	62.83 352	P	P	12 21 55.1 -0.3
L55A	Hinsdale	62.84 354	P	P	12 21 56.0 +0.4
M49A	Liberty Center	62.94 349	P	P	12 21 55.9 -0.3
ERPA	Erie	62.96 352	P	P	12 21 56.8 +0.5
K61A	Williamstown	62.96 358	P	P	12 21 57.5 +1.2
L54A	Sinclairville	62.99 353	P	P	12 21 56.8 +0.3
P40A	Paris	63.02 342	I	A	12 22 05.5
K59A	Cooperstown	63.14 357	P	P	12 21 58.3 +0.8
K58A	Earlville	63.18 356	P	P	12 21 58.6 +0.8
K57A	Scipio Center	63.21 355	P	P	12 21 58.5 +0.6
HDIL	Hopedale	63.22 344	P	P	12 21 57.3 -0.7
HDIL	Hopedale	63.22 344	P	I	12 21 56.6 -1.4
K54A	Basiliko Farm,	63.29 353	P	P	12 21 59.4 +1.0
L45A	Perry	63.34 354	P	P	12 21 59.0 +0.1
K58A	N Adams	63.48 349	P	P	12 21 58.8 -1.0
319A	Douglas	63.53 323	I	A	12 22 13.2
J60A	Lant Hill Farm	63.54 358	P	P	12 22 02.2 +2.1
P38A	Dawn	63.56 340	I	A	12 22 09.1
121A	Cookes Peak, D	63.60 325	P	P	12 22 02.8 +1.9
121A	Cookes Peak, D	63.60 325	I	A	12 22 12.4
J61A	Chester	63.62 359	P	P	12 22 03.4 +2.8
SNA4	Sanae	63.71 161	P	P	12 22 01.4 +0.4
SNA4	Sanae	63.71 161	P	P	12 22 01.4 +0.4
SNA4	Sanae	63.71 161	P	P	12 22 01.1 0.0
SNA4	Sanae	63.71 161	P	P	12 22 01.0 0.0
SNA4	Sanae	63.71 161	I	A	12 22 20.4
J59A	Plesco	63.81 357	P	P	12 22 02.7 +0.8
J57A	Williamstown	63.84 356	P	P	12 22 02.3 +0.2
HNH	Hanover	63.97 359	P	P	12 22 03.3 +0.3
158A	Old Forge	64.06 357	P	P	12 22 04.4 +0.9
I59A	Olmsteadville	64.11 357	P	P	12 22 04.7 +0.8
J52A	Paris	64.12 352	P	P	12 22 03.6 -0.3
I60A	Shoreham	64.14 358	P	P	12 22 05.3 +1.3
I61A	Oroboro, Fairl	64.20 359	P	P	12 22 05.8 +1.4
K48A	Perry	64.25 349	P	P	12 22 04.1 -0.8
LBNH	Lisbon	64.50 359	P	P	12 22 07.5 +1.1
N38A	Joos South For	64.54 341	I	A	12 22 15.4
I53A	Kortright Cn E	64.59 353	P	P	12 22 07.5 +0.5
J48A	Bridge Port	64.68 349	P	P	12 22 07.1 -0.4
J48A	Bridge Port	64.68 349	I	A	12 22 15.8
H58A	Gabrielle	64.75 357	P	P	12 22 08.5 +0.5
I51A	Listowel	64.75 352	P	P	12 22 07.0 -1.1
I55A	Frankford	64.78 354	P	P	12 22 08.7 +0.5
H61A	Lyndonville	64.79 359	P	P	12 22 09.6 +1.3
ANMO	Albuquerque	64.81 328	P	P	12 22 10.7 +1.8
ANMO	Albuquerque	64.81 328	P	P	12 22 10.2 +1.3
ANMO	Albuquerque	64.81 328	P	P	12 22 09.4 +0.5
H60A	Morristown	64.84 358	P	P	12 22 08.2 +0.6
H57A	Richville	64.85 356	P	P	12 22 08.9 +0.3
I52A	Shelburne	64.90 352	P	P	12 22 09.3 +0.3
H59A	Cadyville	64.95 358	P	P	12 22 10.5 +1.2
LONY	Lake Ozonia	64.97 357	P	P	12 22 10.1 +0.7
LONY	Lake Ozonia	64.97 357	I	A	12 22 19.1
H56A	Elgin	65.04 356	P	P	12 22 10.6 +0.7
TUC	Tucson	65.07 323	P	P	12 22 10.2 -0.4
TUC	Tucson	65.07 323	P	P	12 22 10.2 -0.4
TUC	Tucson	65.07 323	I	A	12 22 21.1
H53A	Bobcaygeon	65.22 354	P	P	12 22 10.8 -0.3

G60A	Masonville	65.36 359	P	P	12 22 14.6 +2.6
G63A	Kingsbury	65.37 1	P	P	12 22 14.2 +2.2
H52A	Wydale	65.43 353	P	P	12 22 12.7 +0.2
G57A	Newington	65.47 357	P	P	12 22 13.7 +1.0
G62A	West of Eustis	65.47 0	P	P	12 22 14.4 +1.7
G62A	West of Eustis	65.47 0	P	P	12 22 13.0 +0.3
SADO	Sadowa	65.47 353	I	A	12 22 21.5
G65A	Princeton	65.51 2	P	P	12 22 14.2 +1.3
G65A	Princeton	65.51 2	I	A	12 22 14.1 +1.1
G61A	St. Isidore-de-	65.54 359	P	P	12 22 13.8 +0.6
T25A	Trinidad	65.60 331	P	P	12 22 15.5 +1.4
JFWS	Jewell Farm	65.68 344	P	P	12 22 14.0 -0.1
JFWS	Jewell Farm	65.68 344	I	A	12 22 22.7
G53A	Halburton	65.77 354	P	P	12 22 14.7 0.0
H46A	Five Lake	66.13 349	P	P	12 22 16.3 -0.7
F64A	Sherman	66.15 2	P	P	12 22 18.0 +0.9
F64A	Sherman	66.15 2	I	A	12 22 26.6
F60A	Warwick	66.23 359	P	P	12 22 22.6 +5.1
ALGO	Algonquin Park	66.54 342	P	P	12 22 19.7 +0.1
SDCO	Great Sand Dun	66.60 330	P	P	12 22 15.6 +1.1
SDCO	Great Sand Dun	66.60 330	I	A	12 22 41.2
E58A	La Victoria	66.66 358	P	P	12 22 21.1 +0.8
E61A	Lac Etchemin	66.68 0	P	P	12 22 23.1 +2.6
F51A	Arnstein	66.70 353	P	P	12 22 20.1 -0.5
E63A	Oxbow	66.70 2	P	P	12 22 23.6 +3.0
E56A	St. Veronique	66.91 357	P	P	12 22 22.4 +0.5
E53A	Dumoine, Ponti	66.92 355	P	P	12 22 22.5 +0.4
E54A	Lac Duplat, Po	66.94 355	P	P	12 22 23.2 +0.2
PQI	Presque Isle	66.97 2	P	P	12 22 21.7 -0.6
S22A	4UR Ranch, Cre	67.22 330	P	P	12 22 25.7 +1.2
E51A	G1948 Merrick	67.25 353	P	P	12 22 25.2 +1.0
F45A	CMU Biological	67.29 349	P	P	12 22 23.7 -0.7
D57A	Chemin Vers le	67.33 358	P	P	12 22 25.6 +1.0
D63A	Stockholm	67.33 2	P	P	12 22 25.7 +1.2
D62A	Allapoint, All	67.35 1	P	P	12 22 25.4 +0.8
D62A	Allapoint, All	67.35 1	I	A	12 22 25.1 +0.4
D58A	Chemin du LacG	67.37 358	P	P	12 22 25.8 +0.9
D56A	ZEC Mazanza, M	67.40 357	P	P	12 22 25.5 +0.5
D55A	Sainte-Anne-du	67.41 356	P	P	12 22 25.4 +0.3
I37A	Lemond, Waseca	67.55 342	I	A	12 22 34.9
MVCO	Mesa Verde	67.61 328	P	P	12 22 28.5 +1.7
MVCO	Mesa Verde	67.61 328	P	P	12 22 27.0 +0.1
D54A	Lac Fusel, La	67.61 356	P	P	12 22 26.4 0.0
D53A	Lac Vacive, Po	67.62 355	P	P	12 22 26.0 -0.5
D53A	Lac Vacive, Po	67.62 355	I	A	12 22 35.5
LATQ	La Tuque	67.66 358	P	P	12 22 28.3 +1.7
TAOE	Nuku Hiva Isla	67.74 269	eS	S	12 31 24.3 -2.3
TAOE	Nuku Hiva Isla	67.74 269	eLR	LR	12 42 53.0
DU1A	Lot 18 Range I	67.79 354	P	P	12 22 27.5 0.0
W51Z	Wupatki	67.80 325	P	P	12 22 30.7 +2.7
D50A	G1974 Best Tow	67.92 353	P	P	12 22 28.4 +0.1
E43A	Lone Tree Farm	68.24 348	I	A	12 22 38.6
ECSD	EROS Data Cent	68.26 340	P	P	12 22 30.5 0.0
ECSD	EROS Data Cent	68.26 340	I	A	12 22 42.2
NVL	N'azarekayna,	68.30 159	eP	P	12 22 31.9 +1.4
NVL	N'azarekayna,	68.30 159	eS	S	12 31 35.0 +3.7
ISCO	Idaho Springs	68.32 332	P	P	12 22 31.6 +0.2
ISCO	Idaho Springs	68.32 332	P	P	12 22 31.9 +0.6
ISCO	Idaho Springs	68.32 332	I	A	12 22 42.1
PV01	Paradox Valley	68.37 329	I	A	12 22 52.8
PMV5	Paradox Valley	68.49 329	I	A	12 22 42.9
SPM1	Marine on St.	68.50 343	I	A	12 22 31.6 -0.4
PV02	Paradox Valley	68.50 329	P	P	12 22 33.0 +0.5
PV13	Radium Mtn., P	68.51 328	I	A	12 22 53.3
PV12	Saucer Basin,	68.62 329	I	A	12 22 55.0
VLDQ	comp=Z,29nm,1.4s	68.63 355	I	A	12 22 42.7
PV17	East Wray Mesa	68.67 328	I	A	12 22 46.8
BC3	Big Cickawall	68.74 321	P	P	12 22 35.8 +1.9
PV22	Blue Mesa, Par	68.79 329	I	A	12 23 16.2
BAR	Barrett	68.80 319	P	P	12 22 35.9 +1.7
W13A	Huacal Mount	68.87 323	I	A	12 22 50.2
IRM	Iron Mountain	68.92 322	P	P	12 22 36.4 +1.4
D41A	Chassel	69.21 347	I	A	12 22 45.4
XPFO	Pion Flat	69.31 320	P	P	12 22 38.9 +1.5
PFO	Pinyon Flats O	69.31 320	P	P	12 22 38.0 +0.5
PFO	Pinyon Flats O	69.31 320	P	P	12 22 39.2 +1.8
PFO	Pinyon Flats O	69.31 320	P	P	12 22 38.0 +0.5
N23A	Red Feather La	69.36 332	P	P	12 22 39.6 +0.7
QSPA	South Pole La	69.62 180	P	P	12 22 39.8 +0.7
GMRC	Granite Mounta	69.66 322	P	P	12 22 41.6 +1.9
LIC	Lamto	69.76 75	eP	P	12 22 38.8 -1.7
O20A	White River Ci	69.79 330	P	P	12 22 41.2 +0.8
O20A	White River Ci	69.79 330	I	A	12 23 01.2
TIC	Toumou	69.94 75	eP	P	12 22 40.4 -1.3
F33A	5 Mile Ranch,	70.06 341	I	A	12 22 50.3

KIC	Kosan Boka	70.08 75	eP	P	12 22 40.9 -1.6
DBIC	Dimbokro	70.10 75	P	P	12 22 41.4 -1.2
DBIC	Dimbokro	70.10 75	P		

M₀-1.73; M₀-0.12; M₀-0.32; M₀-0.33; M₀-0.33; Fault plane solution: M₁.70000°102° NP1₂289.0000° 552.0000°; λ102.0000°; NP2₂289.0000° 840.0000°; λ75.0000°. Principal axes: T 1.6965; Plg7.0000°. Azm249.0000°; N 0.1298; Plg10.0000°, Azm122.0000°; P -1.8263; Plg6.0000°. Azm111.0000°.

GCMT 13 12:36:27.2±0.1, 11°45'16.97E, h38km, MW7.4/174, Moment Tensor Solution. s172,c480; s174,c917; Duration: 1287 Moment tensor: Scale 1020Nm; M₁1.68±.01; M₂-1.78±.00; M₃0.10±.00; M₀-0.14±.02; M₀-0.00; M₀-0.28±.02; Best double couple: M₁1.7800°102° NP1₂289.0000° 843.0000°; λ77.0000°. NP2₂289.0000° 849.0000°; λ102.0000°. Principal axes: T 1.7290; Plg81.0000°, Azm262.0000°; N 0.1190; Plg9.0000°. Azm101.0000°; P -1.8490; Plg3.0000°. Azm10.0000°. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 13 12:36:28.1145S,162.06E,h36km, Moment Tensor Solution. Moment tensor: Scale 1020Nm; M₁1.53; M₂1.56; M₃0.04; M₀-0.06; M₀-0.35; M₀-0.50; Fault plane solution: M₁.59000°102° NP1₂279.0000° 846.0000°; λ86.0000°. NP2₂281.0000° 844.0000°; λ94.0000°. Principal axes: T 1.5296; Plg87.0000°. Azm222.0000°; N 0.1080; Plg3.0000°, Azm282.0000°; P -1.6376; Plg1.0000°. Azm12.0000°.

NEIC 13 12:36:41.8, 11°11'S, 161°87'E, h38km, Moment Tensor Solution. Moment tensor: Scale 1020Nm; M₁1.83; M₂-1.79; M₃-0.04; M₀-0.53; M₀-0.29; M₀-0.37; Fault plane solution: M₁.94000°102° NP1₂291.27000° 836.74000°; λ77.04000°. NP2₂287.29000° 854.34000°; λ79.50000°. Principal axes: T 1.9545; Plg78.0000°. Azm232.0000°; N -0.0280; Plg9.0000°, Azm102.0000°; P -1.9265; Plg9.0000°.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
HNR	Honiara	2.83 315		Op Pn	12 37 02.7	+0.8
HNR	Honiara	2.83 315		Sn	12 37 37.1	+2.3
HNR	Honiara	2.83 315		Pn	12 37 02.8	+0.9
HNR	Honiara	2.83 315		Pn	12 37 02.8	+0.9
DZM	Mont Dzumac	11.38 158		Pn	12 36 57.9	-1.5
DZM	Mont Dzumac	11.38 158		eLQ	12 41 06.5	
DZM	Mont Dzumac	11.38 158		eLR	12 41 35.5	
DZM	Port Laguerre	11.64 157		Pn	12 36 00.0	-2.8
I22FFR	Port Laguerre	11.64 157		Ph	13 09 10.0	
RABL	Rabaul	12.10 306		Pn	12 39 10.4	+1.3
KRVG	Keravat (AS076)	12.14 305		Pn	12 39 11.2	+1.5
PMG	Port Moresby	14.70 277		Pn	12 39 48.1	-2.3
PMG	Port Moresby	14.70 277		iP	12 39 43.0	-1.7
PMG	Port Moresby	14.70 277		Pn	12 39 48.5	-1.9
TARA	Tarawa	16.76 41		Pn	12 40 08.1	-3.3
MSVF	Nonsavu	16.77 114		iP pmax	12 40 13.1	-0.3
MSVF	Nonsavu	16.77 114		P	12 40 13.5	+0.1
FUNA	Funafuti	17.24 215		P	12 40 18.4	-0.1
EIDS	Eidsvold	17.24 215		P	12 40 17.4	+0.2
CTA	Charters Tower	17.26 238		Pn	12 40 19.6	-0.4
CTA	Charters Tower	17.26 238		S	12 43 24.6	-6.6
CTA	Charters Tower	17.26 238		LR	12 46 02.3	
CTAO	Charters Tower	17.36 238		P	12 40 20.4	+0.4
CTAO	Charters Tower	17.36 238		P	12 40 20.4	+0.4
MTSU	Mount Surprise	18.29 247		Pn	12 40 33.2	+2.9
NFK	Norfolk Island	18.36 163		Pn	12 40 32.7	+1.7
COEN	Coen	18.49 260		P	12 40 33.0	+0.3
COEN	Coen	18.49 260		Pn	12 40 36.5	+3.8
COEN	Coen	18.49 260		iAmb	12 40 42.5	
PATS	Pohnpei	18.54 349		Pn	12 40 34.0	+0.6
PATS	Pohnpei	18.54 349		P	12 40 31.8	-1.2
RMQ	Roma	19.44 218		Pn	12 40 45.0	+0.8
LHI	Lord Howe Island	20.14 187		Pn	12 40 52.3	+0.1
LHI	Lord Howe Island	20.14 187		P	12 40 50.6	+0.3
ARMA	Armada	21.16 205		P	12 41 03.5	+2.1
ARMA	Armada	21.16 205		P	12 41 02.7	+1.2
ARMA	Armada	21.16 205		iAmb	12 41 22.0	
ARMA	Armada	21.16 205		IAMS_20	12 47 44.6	
QLP	Quilpie	22.47 226		P	12 41 15.9	+0.4
JAY	Jayapura	22.88 291		P	12 41 19.3	-0.6
QIS	Mount Isa	23.29 244		P	12 41 23.9	-0.1
GENI	Genyem	23.34 291		P	12 41 24.8	+0.3
MGCD	Mangrove Creek	23.82 203		P	12 41 30.7	+1.8
CMSA	Cobar Meteorol	25.00 214		P	12 41 39.6	-0.2
AFI	Afiama	25.73 98		P	12 41 45.4	-1.3
AFI	Afiama	25.73 98		P	12 41 45.6	-1.1
AFI	Afiama	25.73 98		iAmb	12 42 04.6	
RAO	Raoul Island	25.79 136		P	12 41 46.6	-0.3
RAO	Raoul Island	25.79 136		LR	12 50 26.5	
RAO	Raoul Island	25.79 136		P	12 41 46.8	-0.2
RAO	Raoul Island	25.79 136		P	12 41 49.1	+1.3
OUZ	Omahuta	25.90 158		P	12 41 49.7	+1.8
OUZ	Omahuta	25.90 158		IAMS_20	12 49 51.4	
CNB	Canberra Magna	26.35 204		P	12 41 53.2	+1.1
CAN	Canberra	26.50 204		Pmax	12 41 54.0	+0.6
CAN	Canberra	26.50 204		MLR	12 41 54.0	+0.6
CAN	Canberra	26.50 204		IAMB	12 42 10.2	
STKA	Stevens Creek	27.66 220		P	12 42 04.2	+0.3
STKA	Stevens Creek	27.66 220		P	12 42 04.2	+0.3
STKA	Stevens Creek	27.66 220		LR	12 52 13.8	
STKA	Stevens Creek	27.66 220		P	12 42 03.5	-0.4
STKA	Stevens Creek	27.66 220		Pmax	12 42 03.5	-0.4
STKA	Stevens Creek	27.66 220		MLR	12 42 03.5	-0.4

STKA	Stevens Creek	27.66 220	P	P	12 42 03.5	-0.4
WR7	Warramunga Arr	27.77 249	Iamb	Iamb	12 42 04.4	-0.3
WBO	Warramunga Arr	27.77 249	Iamb	Iamb	12 42 09.4	
WRAB	Tennant Creek	27.85 249	iP	Pmax	12 42 04.9	-0.8
WRAB	Tennant Creek	27.85 249	P	MLR	12 42 05.1	-0.6
WRAB	Tennant Creek	27.85 249	P	Iamb	12 42 09.9	
WB2	Warramunga Arr	27.85 249	Iamb	Iamb	12 42 10.2	
WRA	Warramunga Arr	27.86 249	P	P	12 42 05.2	-0.5
WRA	Warramunga Arr	27.86 249	P	P	12 45 22.6	+1.3
WRA	Warramunga Arr	27.86 249	P	LR	12 52 38.8	
WRA	Warramunga Arr	27.86 249	P	LR	13 14 31.7	
WRA	Warramunga Arr	27.86 249	P	P	13 15 52.4	
WRA	Warramunga Arr	27.86 249	P	P	12 42 04.4	-1.4
WRA	Warramunga Arr	27.86 249	P	P	12 42 04.4	-1.4
MILA	Mila	27.96 202	P	P	12 42 07.4	+0.9
NIUE	Niue	28.13 109	P	P	12 42 07.4	-0.7
NIUE	Niue	28.13 109	P	P	12 42 06.4	-1.7
KDU	Kakadu	28.85 205	P	P	12 42 14.0	-0.6
HIZ	Haiti	29.29 159	IAMS_20	IAMS_20	12 53 43.3	
AS31	Alice Springs	29.30 242	P	P	12 42 17.3	-1.3
ASAR	Alice Springs	29.30 242	P	P	12 42 17.4	-1.3
ASAR	Alice Springs	29.30 242	P	P	12 45 25.2	+0.3
ASAR	Alice Springs	29.30 242	P	LR	12 53 16.2	
ASAR	Alice Springs	29.30 242	P	P	13 14 25.3	
ASAR	Alice Springs	29.30 242	P	P	13 15 49.9	
ASAR	Alice Springs	29.30 242	P	P	12 42 16.5	-2.1
ASAR	Alice Springs	29.30 242	P	P	12 42 16.5	-2.1
ASIO	Alice Springs	29.30 242	P	P	12 42 17.6	-1.0
OPRZ	Ohinepanea	29.34 156	P	P	12 42 22.7	+4.0
OMRZ	Omaha	29.50 156	P	P	12 42 24.5	+4.4
HLRZ	Highlands Stat	29.61 157	P	P	12 42 24.0	+2.8
HIAZ	Te Kaha	29.77 154	P	P	12 42 25.9	+3.4
MXZ	Matakaoa Point	29.84 153	P	P	12 42 22.8	-0.3
MXZ	Matakaoa Point	29.84 153	Iamb	Iamb	12 42 38.0	
TOO	Toolangi	29.90 207	P	P	12 42 24.0	+0.2
TOO	Toolangi	29.90 207	IAMS_20	IAMS_20	12 53 04.2	
RUGZ	Raukumara Rang	29.91 155	P	P	12 42 26.2	+2.4
URZ	Urewera	29.92 156	P	P	12 42 24.3	+0.5
URZ	Urewera	29.92 156	P	P	12 53 04.3	
URZ	Urewera	29.92 156	Iamb	Iamb	12 42 49.7	
URZ	Urewera	29.92 156	IAMS_20	IAMS_20	12 52 43.9	
URZ	Urewera	29.92 156	P	P	12 42 25.2	+1.4
PKGZ	Pakihiroa	30.01 154	P	P	12 42 25.6	+0.9
HIAZ	Hineaia	30.07 158	P	P	12 42 27.3	+2.1
WNGZ	Wanomatitani S	30.10 153	P	P	12 42 24.1	0.0
GUMO	Guamo	30.12 325	P	P	12 42 26.4	+0.7
GUMO	Guamo	30.12 325	LR	LR	12 53 58.3	
GUMO	Guamo	30.12 325	Pmax	Pmax	12 42 24.6	-1.2
GUMO	Guamo	30.12 325	MLR	MLR	12 42 24.6	-1.2
GUMO	Guamo	30.12 325	P	P	12 42 24.6	-1.2
GWZ	Quartz Range	30.69 164	P	P	12 42 32.3	+1.7
WAKE	Wake Island	30.90 9	Iamb	Iamb	12 42 31.5	-1.1
WAKE	Wake Island	30.90 9	Iamb	Iamb	12 42 47.1	
ARPS	Ararat	31.04 212	P	P	12 42 34.9	+1.2
NNZ	Nelson	31.29 163	Iamb	Iamb	12 42 58.6	
NNZ	Nelson	31.29 163	P	P	12 42 36.0	+0.1
DSZ	Denniston Nort	31.37 166	P	P	12 42 38.3	+1.6
THZ	Thangainoika R	31.46 160	Iamb	Iamb	12 42 37.9	+0.5
MRZ	Mtopouse	31.67 164	Iamb	Iamb	12 43 02.2	
THZ	Thangainoika R	31.46 160	IAMS_20	IAMS_20	12 53 46.3	
BFZ	Birch Farm	31.71 159	Iamb	Iamb	12 43 13.7	
BFZ	Birch Farm	31.71 159	IAMS_20	IAMS_20	12 54 05.1	
SNZO	South Karori	31.77 162	P	P	12 42 39.2	-0.9
SNZO	South Karori	31.77 162	Iamb	Iamb	12 43 22.0	
SNZO	South Karori	31.77 162	IAMS_20	IAMS_20	12 55 20.8	
BBOO	Bucklebo	31.88 224	P	P	12 42 40.9	-0.3
BBOO	Bucklebo	31.88 224	Iamb	Iamb	12 42 45.6	
SJH	Sorong	32.24 287	P	P	12 42 43.7	-0.9
KHZ	Kahutara	32.45 164	Iamb	Iamb	12 42 45.9	-0.1
KHZ	Kahutara	32.45 164	IAMS_20	IAMS_20	12 54 22.6	
LTZ	Lake Taylor	32.46 166	Iamb	Iamb	12 43 00.5	
LTZ	Lake Taylor	32.46 166	IAMS_20	IAMS_20	12 56 05.5	
KNRA	Kunurra	32.52 259	P	P	12 42 46.4	-0.5
KNRA	Kunurra	32.52 259	Iamb	Iamb	12 42 51.6	
FOZ	Fox Glacier	32.66 169	Iamb	Iamb	12 43 04.8	
OXZ	Oxford	32.92 166	IAMS_20	IAMS_20	12 55 09.7	
JPZ	Jackson Bay	33.02 171	P	P	12 42 52.9	+1.7
RPZ	Rata Peaks	33.08 168	P	P	12 42 52.0	+0.4
RPZ	Rata Peaks	33.08 168	LR	LR	12 56 18.8	
RPZ	Rata Peaks	33.08 168	Iamb</			

CASY Casey	64.66 200	IAMS_20	IAMS_20	13 12 42.3
SMY Shemya	64.78 8	IAMS_20	IAMS_20	13 10 46.9
GSI Gunungsitoli	65.21 277	P	P	12 46 57.7 0.0
GYA Guiyang	65.62 306	iP	P	12 46 59.5 -0.7
GYA		pP	S	12 47 11.8 -0.6
GYA		S	S	12 55 44.5 +0.6
GYA		P	P	
GYA	comp=Z,820nm,1.3s	P	P	
GYA	comp=Z,50um,14.1s	LR	LR	
GYA	comp=Z,49um,19.6s	LR	LR	
GYA	comp=Z,73um,19.4s	LR	LR	
ADK Adak	65.74 14	P	P	12 47 00.6 +0.4
ADK	comp=Z,1um,1.0s	P	P	
ADK	comp=Z,1um,1.0s	IAMB	IAMB	12 47 00.6 +0.4
ADK	comp=Z,427um,20.0s	IAMS_20	IAMS_20	13 10 06.9
GRNR Gornyy	65.85 343	iP	P	12 47 01.4 +0.4
GRNR		e	S	12 49 23.7
GRNR		eS	S	12 55 48.5 +3.0
GRNR	comp=Z,130nm,1.1s	P	P	
GRNR	comp=N,4.0nm,1.1s	MLR	MLR	
GRNR	comp=Z,145um,19.0s	MLR	MLR	
KLR Kuldur	66.03 339	P	P	12 47 01.8 -0.4
KLR	comp=Z,106nm,0.9s,baz=134,slo=5.6,SNR=70	P	P	
KLR	comp=Z,10.0nm,1.2s,baz=296,slo=5.6,SNR=5.1	P	P	13 15 22.6
KLR	comp=Z,10nm,1.0s,baz=344,slo=6.2,SNR=9.2	P	P	13 15 35.9
KLR	comp=Z,679nm,1.3s	P	P	12 47 01.8 -0.4
KLR	comp=Z,126um,20.0s	MLR	MLR	
VNDA Vanda	66.04 180	P	P	12 47 02.6 +0.6
VNDA	comp=Z,199nm,0.9s,baz=345,slo=6.6,SNR=131	LR	LR	13 10 10.5
VNDA	comp=Z,534um,21.9s,baz=9.0,slo=31	LR	LR	13 15 39.2
VNDA	comp=Z,10nm,1.1s,baz=270,slo=4.3,SNR=5.7	P	P	12 47 02.2 +0.2
VNDA	comp=Z,452nm,1.1s	P	P	12 47 02.1 +0.2
VNDA	comp=Z,1um,2.0s	P	P	12 47 04.8 -0.7
BJT Baijiatau	66.52 323	P	P	
BJT	comp=Z,1um,2.0s	P	P	12 47 04.8 -0.7
BJT	comp=Z,1um,2.0s	IAMB	IAMB	
BJI Beijing	66.53 323	P	P	12 47 04.3 -1.3
BJI		S	S	12 55 50.6 -3.5
BJI		SS	SS	13 00 06.3 -5.7
BJI	comp=Z,260um,3.0s	LR	LR	
BJI	comp=Z,115um,21.1s	LR	LR	
BJI	comp=Z,146um,19.6s	LR	LR	
BJI	comp=Z,198um,23.5s	LR	LR	
ATKA Atka Island	66.66 16	P	P	12 47 06.8 +0.6
ATKA	comp=Z,1um,1.2s	IAMB	IAMB	12 47 29.7
ATKA	comp=Z,336um,20.0s	IAMS_20	IAMS_20	13 12 25.3
NKL Nikolayevsk	66.89 346	eP	P	12 47 09.4 +1.8
NKL		eS	S	12 56 01.8 +3.9
NKL	comp=N,7.0nm,1.1s	P	P	
NKL	comp=E,2.0nm,1.1s	P	P	
NKL	comp=Z,304nm,1.1s	P	P	
NKL	comp=Z,4um,12.8s	P	P	
NKL	comp=N,13nm,5.4s	P	P	
NKL	comp=E,94nm,10.7s	P	P	
TIY Taiyuan	67.40 319	eP	P	12 47 11.1 -0.2
TIY		pP	P	12 47 20.8 +1.0
TIY		S	S	12 56 01.6 -3.3
TIY		eS	S	12 56 21.8 +2.0
TIY	comp=E,120nm,1.0s	P	P	
TIY	comp=E,22um,10.4s	LR	LR	
TIY	comp=E,136um,17.9s	LR	LR	
TIY	comp=E,154um,17.9s	LR	LR	
XAN Xi'an	67.70 314	P	P	12 47 12.1 -1.2
XAN		pP	P	12 47 21.6 -0.1
XAN		PP	P	12 49 38.9 -4.1
XAN		S	S	12 55 59.4 -9.3
XAN		ScS	ScS	12 57 09.8 +0.3
XAN		SS	SS	13 00 30.4 -0.2
XAN	comp=E,200nm,1.3s	LR	LR	
XAN	comp=E,82um,19.1s	LR	LR	
XAN	comp=E,162um,19.6s	LR	LR	
XAN	comp=E,213um,20.1s	IAMB	IAMB	12 47 25.3
KMI Kunming	68.20 303	P	P	12 47 16.9 +0.1
KMI		pP	P	12 47 26.6 +1.4
KMI		pP	P	12 47 33.3 -0.8
KMI		PP	P	12 49 49.0 +1.3
KMI		S	S	12 56 14.3 -1.0
KMI		SS	SS	13 00 34.8 -4.1
KMI	comp=Z,370nm,1.3s	P	P	
KMI	comp=Z,40um,8.5s	LR	LR	
KMI	comp=Z,56um,17.1s	LR	LR	
KMI	comp=Z,59um,20.2s	LR	LR	
KMI	comp=Z,125um,19.5s	IAMB	IAMB	12 47 27.9
KMI	comp=Z,1um,1.2s	IAMB	IAMB	12 47 21.0 +0.9
NIKH Nikolski High	68.88 18	P	P	12 47 21.0 +0.9
NIKH	comp=Z,478um,22.0s	IAMS_20	IAMS_20	13 10 55.9
CM31 Chiang Mai Arr	68.90 295	P	P	12 47 21.4 +0.4
CM31	comp=Z,18nm,1.1s,SNR=364	IAMB	IAMB	12 47 29.9
CM31	comp=Z,137nm,0.9s,baz=118,slo=4.2,SNR=169	P	P	12 47 21.0 0.0
CMAR	comp=Z,14nm,1.1s,baz=280,slo=3.0,SNR=5.3	LR	LR	13 16 45.9
CMAR	comp=Z,51um,21.4s,baz=117,slo=35	P	P	12 47 21.0 0.0
CMAR	comp=Z,141nm,0.9s	P	P	12 47 21.3 +0.3
CHTO Chiang Mai Arr	69.02 295	P	P	12 47 21.7 -0.1
CHTO	comp=Z,1um,1.3s	MLR	MLR	
CHTO	comp=Z,68um,19.0s	P	P	12 47 21.7 -0.1
CHTO	comp=Z,1um,1.3s	IAMB	IAMB	12 47 37.7
HHC Hu-ho-hao-te	69.80 321	eP	P	12 47 28.3 +2.1

HHC	comp=Z,23nm,0.6s	S	S	12 56 35.0 +1.6
HHC		pmax	pmax	
HHC	comp=Z,15um,6.7s	LR	LR	
HHC	comp=Z,61um,19.8s	LR	LR	
HHC	comp=Z,60um,19.2s	LR	LR	
UNV Unalaska Valle	70.37 19	IAMS_20	IAMS_20	13 12 52.2
BTO Baotou	70.61 321	eP	P	12 47 31.8 +0.6
HIA Hailar	70.95 332	P	P	12 47 32.8 -0.2
HIA	comp=Z,872nm,1.2s	P	P	12 47 32.8 -0.2
HIA	comp=Z,872nm,1.2s	IAMB	IAMB	12 47 45.6
HIA	comp=Z,872nm,1.2s	IAMS_20	IAMS_20	13 16 37.7
ZEA Zeya	71.35 339	eP	S	12 47 35.4 +0.2
ZEA		eS	S	12 56 54.0 +3.3
ZEA	comp=Z,47um,13.0s	P	P	
ZEA	comp=N,14um,12.0s	P	P	
ZEA	comp=E,12um,12.0s	P	P	
ZEA	comp=N,2um,1.2s	P	P	
ZEA	comp=Z,2um,1.2s	smax	smax	
ZEA	comp=E,72um,19.0s	smax	smax	
MA2 Maqadan	71.37 354	P	P	12 47 34.7 -0.6
MA2	comp=N,37um,18.0s	P	P	
MA2	comp=N,194nm,0.9s,baz=150,slo=6.4,SNR=67	P	P	12 47 34.3 -1.0
MA2	comp=Z,562nm,1.1s	P	P	12 47 35.0 -0.3
MA2	comp=Z,934nm,1.1s	IAMB	IAMB	12 48 00.7
FALS False Pass	72.22 20	IAMS_20	IAMS_20	13 10 08.3
FALS	comp=Z,904nm,1.0s	IAMS_20	IAMS_20	13 10 08.3
LZH Lanzhou	72.33 314	iP	P	12 47 42.0 +0.2
LZH		pP	P	12 47 51.8 +1.3
LZH		S	S	12 57 03.5 +0.5
LZH	comp=Z,370nm,1.3s	P	P	
LZH	comp=Z,19um,7.1s	LR	LR	
LZH	comp=Z,134um,16.8s	LR	LR	
LZH	comp=Z,119um,15.7s	LR	LR	
PBA Port Blair	72.48 286	iP	P	12 47 43.8 +0.9
PBA	comp=Z,2um,1.7s	IAMB	IAMB	12 47 60.0
PBA	comp=Z,2um,1.7s	P	P	12 47 43.8 +1.0
DGPR DIGLIPUR	72.72 288	iP	P	12 47 44.7 +0.4
DGPR	comp=Z,886nm,1.2s	IAMB	IAMB	12 47 59.3
CNBA Chernabara Isl	73.55 22	IAMB	IAMB	12 48 05.0
CNBA	comp=Z,503um,20.0s	IAMS_20	IAMS_20	13 15 11.5
SDPT Sand Point	73.64 21	IAMB	IAMB	12 48 08.3
SDPT	comp=Z,1um,1.0s	IAMS_20	IAMS_20	13 14 47.7
SEY Seymchan	74.54 355	P	P	12 47 53.6 -0.3
SEY	comp=Z,148nm,0.8s,baz=176,slo=4.7,SNR=112	P	P	13 15 08.5
SEY	comp=Z,4.2nm,1.1s,baz=71,slo=3.8,SNR=4.0	LR	LR	13 19 28.8
SEY	comp=Z,221um,19.7s,baz=174,slo=35	LR	LR	12 47 53.0 -0.9
SEY	comp=Z,221um,19.7s,baz=174,slo=35	P	P	12 47 53.0 -0.9
LKP Lekhapani	74.76 303	iP	IAMB	12 48 06.3
LKP	comp=Z,1um,1.4s	IAMB	IAMB	12 48 16.9
CHGN Chignik	75.11 22	IAMB	IAMB	13 14 50.7
CHGN	comp=Z,537um,21.0s	IAMS_20	IAMS_20	13 14 50.7
CIT Chita	75.71 332	eP	P	12 48 01.4 +0.4
CIT		eS	S	12 48 21.6
CIT		eS	S	12 57 46.2 +6.0
ULN Ulaanbaatar	76.50 325	eP	P	12 48 05.4 -0.4
ULN	comp=Z,4um,3.1s	P	P	
ULN	comp=Z,708nm,1.1s	P	P	12 48 05.9 +0.1
ULN	comp=Z,910nm,1.1s	IAMB	IAMB	12 48 28.9
GTA Gaotai	76.71 315	P	P	12 48 06.8 -0.3
GTA		pP	P	12 48 13.9 -1.8
GTA		pP	P	12 48 17.3 -1.1
GTA		PP	P	12 57 52.8 +0.9
GTA		S	S	12 58 06.3 +0.7
GTA		SS	SS	13 02 49.6 +1.2
GTA	comp=Z,110nm,1.5s	P	P	
GTA	comp=Z,33um,8.9s	LR	LR	
GTA	comp=Z,60um,18.6s	LR	LR	
GTA	comp=Z,124um,19.6s	LR	LR	
BRDH Bariadhal	76.75 297	P	P	12 48 08.1 +0.7
BRDH	comp=Z,396nm,0.9s,baz=82,slo=6.6,SNR=25	P	P	12 48 07.3 -0.4
SONM Songoing Array	76.85 325	LR	LR	13 07 17.0 -2.3
SONM	comp=Z,64nm,0.7s,baz=140,slo=5.9,SNR=104	P	P	13 07 17.0 -2.3
SONM	comp=Z,5.2nm,0.8s,baz=275,slo=3.0,SNR=4.9	P	P	13 15 09.6
SONM	comp=Z,2.7nm,1.1s,baz=228,slo=1.9,SNR=3.6	P	P	13 15 18.8
SONM	comp=Z,12nm,1.1s,baz=169,slo=0.8,SNR=6.8	LR	LR	13 22 31.6
SONM	comp=Z,173um,19.7s,baz=116,slo=36	LR	LR	12 48 06.9 -0.8
SONM	comp=Z,173um,19.7s,baz=116,slo=36	P	P	12 48 07.5 -1.5
TEZP TEZPUR	77.05 301	iP	P	12 48 07.5 -1.5
SHL Shillong	77.47 300	iP	P	12 48 11.8 0.0
SHL	comp=Z,539nm,1.0s	IAMB	IAMB	12 48 21.8
SHL		iS	S	12 58 00.0 -0.7
SHL		S	S	12 58 00.0 -0.7
SHL		P	P	12 48 11.4 -0.4
SHL	comp=Z,1um,1.3s	IAMB	IAMB	12 48 10.3 -0.5
YAK Yakutsk	77.49 345	P	P	12 48 10.3 -0.5
YAK	comp=Z,299nm,0.5s,baz=214,slo=0.3,SNR=75	LR	LR	13 20 10.1
YAK	comp=Z,190um,21.1s,baz=144,slo=34	P	P	12 48 10.6 -0.2
YAK		eP	P	12 48 16.7
YAK		ePP	P	12 48 23.4 +0.3
YAK		e	S	12 51 04.7
YAK		ePPP	PPP	12 52 50.4
YAK		eS	S	12 57 59.3 +0.2
YAK		eSS	SS	12 58 16.2 +1.8
YAK		eSS	SS	12 58 26.8
YAK		eSS	SSS	13 02 58.1 +0.9
YAK	comp=Z,923nm,1.4s	P	P	
YAK	comp=N,215nm,1.3s	P	P	
YAK	comp=E,288nm,1.4s	P	P	
YAK	comp=Z,7um,9.1s	P	P	

YAK	comp=N,4um,9.6s	P	P	
YAK	comp=E,3um,8.6s	P	P	
YAK	comp=N,37um,7.9s	smax	smax	
YAK	comp=E,38um,8.3s	smax	smax	
YAK	comp=Z,951nm,1.2s	IAMB	IAMB	12 48 10.4 -0.4
GAMB Gambi	77.49 345	P	P	12 48 24.6
GAMB	comp=Z,368um,20.0s	IAMS_20	IAMS_20	13 18 23.7
OHAK Old Harbor	77.71 23	IAMS_20	IAMS_20	13 17 03.2
KDAK Kodiak Island	78.37 23	P	P	12 48 15.0 -0.8
KDAK	comp=Z,122nm,0.9s,baz=247,slo=0.7,SNR=16	LR	LR	13 18 14.4
KDAK	comp=Z,284um,20.1s,baz=228,slo=32	LR	LR	12 48 15.0 -0.8
KDAK	comp=Z,284um,20.1s,baz=228,slo=32	P	P	12 48 15.0 -0.8
KDAK	comp=Z,284um,20.1s,baz=228,slo=32	IAMB	IAMB	12 48 29.2
KDAK	comp=Z,736nm,0.9s	IAMB	IAMB	13 18 42.8
KDAK	comp=Z,279um,20.0s	IAMS_20	IAMS_20	13 18 42.8
QSPA South Pole Qui	78.54 180	P	P	12 48 17.0 +0.1
QSPA	comp=Z,512nm,1.1s,baz=17,slo=2.4,SNR=12	IAMB	IAMB	12 48 16.4 -0.4
QSPA	comp=Z,2um,1.4s	IAMB	IAMB	12 48 20.7
QSPA	comp=Z,2um,1.4s	IAMS_20	IAMS_20	13 19 25.7
BILL Bilibino	79.36 2	iP	P	12 48 20.4 -0.6
BILL		iP	P	12 48 26.3
BILL		eSP	pP	12 48 30.1 +0.5
BILL		eS	pS	12 58 15.0 -4.0
BILL		e	PnS	12 59 03.9 -1.9
BILL		eIPS	P	12 59 17.4
BILL		eSS	SS	13 03 23.4 -3.5
BILL		eSSS	SSS	13 06 52.5
BILL	comp=Z,2um,3.2s	P	P	
BILL	comp=Z,748nm,1.0s	MLR	MLR	
BILL	comp=Z,145um,19.0s	MLR	MLR	
BILL	comp=Z,1um,1.1s	IAMB	IAMB	12 48 20.7 -0.3
BOD Bodaibo	79.37 336	eP	P	12 48 19.6 -1.6
BOD	comp=Z,643nm,1.4s	P</		

EDW2	Edwards Air Fo	88.46	54	P	SKSac	12 59 36.0	+0.9
E04D	Cinebar	88.47	42	P	P	12 49 08.9	+0.9
E04D	Cinebar	88.47	42	P	SKSac	12 59 38.0	+3.6
MLAC	Mammoth, Mammo	88.53	51	P	P	12 49 09.2	+0.5
MLAC	Mammoth, Mammo	88.53	51	P	SKSac	12 59 40.1	+4.4
D04E	Lakebay	88.51	41	P	P	12 49 09.2	+1.0
D04E	Lakebay	88.53	41	P	SKSac	12 59 39.9	+5.2
BFSC	Mount Baldy Ra	88.56	55	P	P	12 49 09.0	+0.2
BFSC	Mount Baldy Ra	88.56	55	P	SKSac	12 59 41.2	+5.4
DLBC	Dease Lake	88.56	29	PKKpbc	PKKpbc	13 06 46.2	-6.2
PGC	Sidney	88.57	40	P	IAMB	12 49 09.4	+1.0
YERR	Yerington	88.59	50	IAMB	IAMB	12 49 32.4	
YERR	Yerington			IAMS_20	IAMS_20	13 22 24.1	
I05D	Terrebonne, OR	88.61	44	P	P	12 49 09.3	+0.5
I05D	Terrebonne, OR	88.61	44	P	SKSac	12 59 40.7	+5.2
MOD	Moooc Plateau	88.62	47	IAMB	IAMB	12 49 19.2	
MOD	Moooc Plateau			IAMS_20	IAMS_20	13 22 20.0	
I09C	Camp Elliot, M	88.67	56	P	P	12 49 09.6	+0.4
I09C	Camp Elliot, M	88.67	56	P	SKSac	12 59 42.8	+6.5
I09C	Camp Elliot, M	88.67	56	P	IAMS_20	IAMS_20	13 23 44.3
PAHR	Pah Ran Range	88.68	49	IAMS_20	IAMS_20	13 22 35.5	
PINE	Pine Mountain	88.72	45	IAMS_20	IAMS_20	13 20 41.6	
MURC	Murrieta	88.77	56	P	P	12 49 09.9	+0.1
MURC	Murrieta	88.77	56	P	SKSac	12 59 40.1	+3.2
CWC	Cottonwood Cre	88.80	53	P	P	12 49 10.1	+0.2
CWC	Cottonwood Cre	88.80	53	P	SKSac	12 59 39.2	+2.0
TIN	Tinemaha, Big	88.84	52	P	P	12 49 10.5	+0.4
TIN	Tinemaha, Big	88.84	52	P	SKSac	12 59 38.9	+1.6
LRMC	Laurel Mtn Rad	88.86	54	P	P	12 49 10.4	+0.2
LRMC	Laurel Mtn Rad	88.86	54	P	SKSac	12 59 37.9	+0.3
DGZ	Jazzator, Alta	88.88	321	c/P	P	12 49 08.1	-1.9
DGZ	Jazzator, Alta			pmx	pmx		
DGZ	Jazzator, Alta			MLR	MLR		
G05D	Wamic, OR	88.90	43	P	P	12 49 10.0	-0.1
G05D	Wamic, OR	88.90	43	P	SKSac	12 59 43.1	+6.0
BAR	Barrett	88.97	57	IAMS_20	IAMS_20	13 23 34.3	
F05D	White Salmon	88.99	43	P	P	12 49 10.6	+0.2
LON	Longmire	89.02	42	IAMB	IAMB	12 49 30.7	
LON	Longmire			IAMS_20	IAMS_20	13 22 40.5	
RYN	Ryan	89.03	50	IAMS_20	IAMS_20	13 20 37.8	
D05A	Enumclaw	89.04	41	IAMS_20	IAMS_20	13 20 21.0	
A04D	Lummi Island	89.06	40	P	P	12 49 10.6	-0.1
A04D	Lummi Island	89.06	40	P	SKSac	12 59 38.8	+1.0
KAAM	Kaadhehdoo	89.08	271	P	P	12 49 12.5	+0.9
NVAR	Minna Array Bea	89.14	51	P	P	12 49 12.2	+0.6
NVAR	Minna Array Bea			PKKpbc	PKKpbc	12 54 13.2	+2.7
NVAR	Minna Array Bea			PKKpbc	PKKpbc	13 06 49.9	-0.4
NVAR	Minna Array Bea			IAMS_20	IAMS_20	13 14 44.0	
NVAR	Minna Array Bea			PKKpbc	PKKpbc	13 14 54.1	
NVAR	Minna Array Bea			LR	LR	13 24 06.1	
NVAR	Minna Array Bea			P	P	12 49 10.7	-0.9
MPMC	Manual Prospec	89.16	53	P	P	12 49 11.7	0.0
MPMC	Manual Prospec	89.16	53	P	SKSac	12 59 39.9	+0.4
BBRC	Big Bear Solar	89.16	55	P	P	12 49 10.7	-1.1
BBRC	Big Bear Solar	89.16	55	P	SKSac	12 59 39.3	-0.3
KLRI	Killari	89.17	289	e/P	P	12 49 10.9	-1.0
KLRI	Killari			IAMB	IAMB	12 49 16.4	
KLRI	Killari			IVMs_BB	IVMs_BB	13 37 06.0	
MONP2	Monument Peak	89.23	56	P	P	12 49 12.0	-0.1
MONP2	Monument Peak	89.23	56	P	SKSac	12 59 44.8	+4.8
MRX	Edison Barstow	89.25	54	P	P	12 49 11.9	0.0
RRX	Edison Barstow	89.25	54	P	SKSac	12 59 44.0	+4.3
NV11	Minna Array Sit	89.26	51	IAMB	IAMB	12 49 22.4	
NV11	Minna Array Sit			IAMS_20	IAMS_20	13 22 36.8	
B05A	Bryant	89.31	40	P	P	12 49 11.8	0.0
B05A	Bryant	89.31	40	P	SKSac	12 59 39.9	+0.6
PFO	Pinyon Flats O	89.37	56	P	LR	13 22 25.3	
PFO	Pinyon Flats O			pmx	pmx	12 49 13.2	+0.5
PFO	Pinyon Flats O			MLR	MLR		
PFO	Pinyon Flats O	89.37	56	P	P	12 49 12.5	-0.2
PFO	Pinyon Flats O	89.37	56	P	SKSac	12 59 40.3	-0.4
PFO	Pinyon Flats O	89.37	56	P	P	12 49 11.6	-1.1
PFO	Pinyon Flats O	89.37	56	P	IAMB	12 49 24.0	
PFO	Pinyon Flats O	89.37	56	P	IAMS_20	IAMS_20	13 22 32.0
XPFO	Pion Flat	89.38	56	P	IAMB	12 49 12.2	-0.5
XPFO	Pion Flat	89.38	56	P	IAMS_20	IAMS_20	13 22 33.0
IKP	In-Ko-Pah, Jac	89.42	57	P	P	12 49 12.9	0.0
IKP	In-Ko-Pah, Jac	89.42	57	P	SKSac	12 59 44.7	+3.8
KVN	Kaiserville	89.46	50	IAMB	IAMB	12 49 30.5	
KVN	Kaiserville			IAMS_20	IAMS_20	13 22 24.1	
EPVK	Eagle Plains	89.49	21	P	P	12 49 12.1	-0.2
EPVK	Eagle Plains	89.49	21	P	SKSac	12 59 45.9	+6.2
GRAC	Grapevine Rang	89.49	52	P	P	12 49 12.7	-0.3
GRAC	Grapevine Rang	89.49	52	P	SKSac	12 59 43.6	+2.5
GSC	Goldstone, Bar	89.51	54	P	P	12 49 12.9	-0.3

GSC	Goldstone, Bar	89.51	54	P	SKSac	12 59 45.7	+4.3
GSC	Goldstone, Bar	89.51	54	IAMB	IAMB	12 49 24.8	
BHPL	Goldstone, Bar	89.52	294	I/P	IAMB	12 49 11.9	-1.6
BHPL	Goldstone, Bar			IAMB	IAMB	12 49 20.5	
BHPL	Goldstone, Bar			i/x	x	13 01 11.6	
SWSC	Sam W. Stewart	89.75	56	P	P	12 49 14.2	-0.1
SWSC	Sam W. Stewart	89.75	56	P	SKSac	12 59 43.5	+0.9
FURC	Furnace Creek	89.75	53	P	P	12 49 14.3	+0.1
FURC	Furnace Creek	89.75	53	P	SKSac	12 59 46.2	+3.7
HEC	Hector, Ludlow	89.77	54	P	P	12 49 14.0	-0.5
HEC	Hector, Ludlow	89.77	54	P	SKSac	12 59 47.5	+4.6
B06A	Marblemont	89.77	40	IAMB	IAMB	12 49 30.9	
B06A	Marblemont			IAMS_20	IAMS_20	13 21 59.2	
ZSN	Zaisan	89.80	319	I/P	P	12 49 11.8	-2.4
ZSN	Zaisan			ePP	PP	12 52 46.2	-4.4
ZSN	Zaisan			eSR	SR	13 30 26.7	
ZSN	Zaisan	89.80	319	c/P	P	12 49 11.8	-2.4
ZSN	Zaisan			eS	SKSac	12 59 38.6	-3.7
ZSN	Zaisan			MLR	MLR		
I07A	Izee	89.80	45	IAMB	IAMB	12 49 32.2	
I07A	Izee			IAMS_20	IAMS_20	13 21 17.1	
BELC	Belle Mtn, Jos	89.84	55	P	P	12 49 14.8	-0.1
BELC	Belle Mtn, Jos	89.84	55	P	SKSac	12 59 47.2	+3.7
LTY	Liberty	89.92	42	IAMB	IAMB	12 49 32.0	
LTY	Liberty			IAMS_20	IAMS_20	13 23 20.3	
WVOR	Wild Horse Val	89.96	47	IAMS_20	IAMS_20	13 23 23.7	
C06D	Leavenworth	89.97	41	P	P	12 49 15.0	0.0
C06D	Leavenworth	89.97	41	P	SKSac	12 59 48.8	+5.5
F07A	Phinny Hill Vi	90.02	43	IAMB	IAMB	12 49 26.4	
SHOC	Shoshone, Teco	90.08	53	P	P	12 49 15.8	0.0
SHOC	Shoshone, Teco	90.08	53	P	SKSac	12 59 46.4	+1.9
LLBL	Lillooet	90.16	38	IAMS_20	IAMS_20	13 21 19.5	
BC3	Big Chuckawall	90.20	56	P	P	12 49 16.3	-0.2
BC3	Big Chuckawall	90.20	56	P	SKSac	12 59 48.8	+3.3
TUQ	Turquoise Moun	90.24	54	P	P	12 49 16.3	-0.4
TUQ	Turquoise Moun	90.24	54	P	SKSac	12 59 43.9	-1.8
E07A	Sunnyside	90.25	42	IAMB	IAMB	12 49 16.4	0.0
E07A	Sunnyside			IAMB	IAMB	12 49 39.9	
SYO	Syowa Base	90.28	198	e/P	P	12 49 13.6	-2.4
SYO	Syowa Base	90.28	198	I/PcP	P	12 49 15.4	-0.6
GMRC	Granite Mounta	90.30	55	P	P	12 49 16.5	-0.4
GMRC	Granite Mounta	90.30	55	P	SKSac	12 59 44.1	-1.9
J08A	Circle Bar Ran	90.32	46	P	P	12 49 17.0	+0.2
J08A	Circle Bar Ran			IAMS_20	IAMS_20	13 22 47.9	
TPNV	Topopah Spring	90.35	52	P	P	12 49 17.7	+0.5
TPNV	Topopah Spring	90.35	52	P	SKSac	12 59 49.0	+2.6
TPNV	Topopah Spring	90.35	52	IAMB	IAMB	12 49 27.5	
G08A	Pilot Rock	90.51	44	IAMB	IAMB	12 49 28.7	
IRM	Iron Mountain	90.56	55	P	P	12 49 18.1	0.0
IRM	Iron Mountain	90.56	55	P	SKSac	12 59 49.9	+2.5
GLA	Glamis	90.57	57	P	P	12 49 18.2	+0.1
GLA	Glamis	90.57	57	P	SKSac	12 59 51.8	+4.3
GLA	Glamis	90.57	57	IAMS_20	IAMS_20	13 24 41.6	
E08A	Dider Farm, El	90.76	43	IAMB	IAMB	12 49 29.9	
NDI	New Delhi	90.88	299	e/P	P	12 49 24.0	+4.3
H06N1	SOCORRO T-PH	90.90	71	T	T	12 49 40.7	
H06S1	SOCORRO T-PH	90.90	71	T	T	12 49 45.0	
Y12C	Blythe	90.97	56	P	P	12 49 19.8	-0.2
Y12C	Blythe	90.97	56	P	SKSac	12 59 50.5	+0.8
Y12C	Blythe	90.97	56	IAMB	IAMB	12 49 30.5	
Y12C	Blythe			IAMS_20	IAMS_20	13 23 21.3	
D08A	Wollman Farm,	91.01	42	IAMB	IAMB	12 49 37.4	
SHRP	Sheep Range	91.09	53	IAMB	IAMB	12 49 31.2	
B08A	Colville Reser	91.10	41	IAMS_20	IAMS_20	13 22 30.3	
NEE2	Needles Airpor	91.13	55	P	P	12 49 21.1	+0.4
NEE2	Needles Airpor	91.13	55	P	SKSac	12 59 53.1	+2.6
PNT	Penticton	91.18	40	P	P	12 49 08.7	-1.2
PNT	Penticton			pmx	pmx		
R11A	Troy Canyon, C	91.19	51	P	P	12 49 20.6	-0.5
R11A	Troy Canyon, C	91.19	51	P	SKSac	12 59 56.1	+5.0
GOA	Goa	91.24	285	I/P	IAMB	12 49 21.9	+0.3
GOA	Goa			IAMB	IAMB	12 49 30.4	
KAD	Karad	91.27	287	I/P	P	12 49 18.5	-3.2
MK31	Makanchi Array	91.30	317	I/P	IAMB	12 49 19.9	-1.3
MK31	Makanchi Array	91.30	317	IAMB	IAMB	12 49 30.2	
MKAR	Makanchi Array	91.30	317	P	P	12 49 20.6	-0.6
MKAR	Makanchi Array	91.30	317	P	PKKpbc	13 06 41.6	-0.4
MKAR	Makanchi Array			PKKpbc	PKKpbc	13 14 46.0	
MKAR	Makanchi Array			LR	LR	13 30 48.7	
MKAR	Makanchi Array	91.30	317	P	P	12 49 19.4	-1.8
MKAR	Makanchi Array	91.30	317	P	P	12 49 19.4	-1.8
113A	Mohawk Valley,	91.37	57	P	P	12 49 22.3	+0.5
113A	Mohawk Valley,			IAMS_20	IAMS_20	13 22 30.9	
E09A	Wood Farm, Sta	91.38	43	IAMB	IAMB	12 49 32.4	
PDMC1	Parker Dam, Lak	91.41	55	P	P	12 49 21.9	-0.1
PDMC1	Parker Dam, Lak	91.41	55	P	SKSac	12 59 53.1	+1.0
SRIG	Santa Rosalia	91.51	63	IAMS_20	IAMS_20	13 22 24.5	
MAK2	Makanchi	91.52	317	P	P	12 49 20.1	-2.1
MAK2	Makanchi	91.52	317	P	P	12 49 20.6	-1.6
MAK2	Makanchi			IAMB	IAMB	12 49 31.1	
INK	Inuvik	91.52	20	P	P	12 49 20.8	-0.9
INK	Inuvik			PKKpbc	PKKpbc	13 06 42.3	+0.1

comp=Z,10nm,0.8s,baz=25,slow=5.9,SNR=7.0	PKKPPK	13 14 47.9
comp=Z,10nm,1.4s,baz=		

Main data table with multiple columns containing station names, coordinates, and various numerical values. The table is organized into several vertical sections.

Table with 4 columns: Station, Time, Res, and other identifiers. Includes stations like DBC, Timbukro, Tumbodi, Santiago Is.

IDC 13 12:45:07.3z.2.2, 11:36Sx162:23E, h0km, mb4.8/6, mb1.4/9.7, mb1mx4.4/5.7, mbtmp4.8/7, ML4.7/1, Error ellipse: s-maj=56.9km s-min=30.3km az=129.0

NEIC 13 12:45:10.9z.3.0, 11:15S.0:162:19E.0:0.8, h10km, 1km, mb5.3/8, Error ellipse: s-maj=21.0km s-min=7.4km az=214.0

ISC 13 12:45:10.0z.0.8, 11:11S.0:169:12E.0:1.0, h10km, n24, a158/26, mb4.8/7.1, C. Bougainville-Solomon Islands region

Main station data table for the first section, including columns for Code, Station Name, Az, Phase ID, Time, Res, and other identifiers. Lists stations like Honiara, Port Moresby, Tarawa, etc.

IDC 13 12:46:38.1z.0.3, 11:44Sx162:33E, h0km, mb5.3/4.3, mb1.5/4.45, mb1mx5.3/5.9, mbtmp5.3/4.5, ML2.1/1, Error ellipse: s-maj=12.7km s-min=10.1km az=71.0

NEIC 13 12:46:39.6z.1.7, 11:47S.0:162:39E.0:0.8, h10km, 1km, mb5.7/16.4, Error ellipse: s-maj=14.5km s-min=10.7km az=227.0

BUI 13 12:46:40.9z.0.0, 11:10Sx162:29E, h20km, mb5.5/3.9, MOS 13 12:46:42.0z.0.1, 11:35Sx162:31E, h33km, mb5.9/3.4, Error ellipse: s-maj=8.4km s-min=7.1km az=18.3

ISC 13 12:46:43.3z.0.2, 11:48S.0:162:43E.0:0.5, h39km, n515, a130/45.5, mb5.7/15.7, 15C-13D, Bougainville-Solomon Islands region

Main station data table for the second section, including columns for Code, Station Name, Az, Phase ID, Time, Res, and other identifiers. Lists stations like Honiara, Port Moresby, Tarawa, etc.

Main station data table for the third section, including columns for WRA, Station Name, Time, Res, and other identifiers. Lists stations like Warramunga Arr, Kakadu, Alice Springs, etc.

Main station data table for the fourth section, including columns for MAJO, Station Name, Time, Res, and other identifiers. Lists stations like Matusushiro, Kuching, etc.

13d 12h

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

2014 APR

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DLBC, BAR, F05D, etc.

984

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include KESR, CMAH, CAEH, CSMF, CASM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include ILAR, Eielson Array, SYO, Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include ARCES, ACAGS, Malin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include ESDC, PVIS, PAB, PAB, MTE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include HNR, HNR, HNR, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include PLAC, PLAC, SERS, LAD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include HNR, ASAR, SONM, ILAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include MKAR, MKAR, AKAGS, AKAGS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include CELI, CELI, JOPP, JOPP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include HNR, ASAR, SONM, ILAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include MKAR, MKAR, AKAGS, AKAGS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include CELI, CELI, JOPP, JOPP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include HNR, ASAR, SONM, ILAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include MKAR, MKAR, AKAGS, AKAGS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include CELI, CELI, JOPP, JOPP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include HNR, ASAR, SONM, ILAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include MKAR, MKAR, AKAGS, AKAGS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include CELI, CELI, JOPP, JOPP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include HNR, ASAR, SONM, ILAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include MKAR, MKAR, AKAGS, AKAGS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include CELI, CELI, JOPP, JOPP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include HNR, ASAR, SONM, ILAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include MKAR, MKAR, AKAGS, AKAGS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC. Rows include CELI, CELI, JOPP, JOPP, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AF1 Afiamalu, CNB Canberra, WR0 Warramunga, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BUKP Musuan, SPSI Sidrap, MREEK Meekatharra, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TPRI Tanjung Pinang, INCN Incheon, INCN Incheon, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like Eagle Plains, In-Ko-Pah, Kaiserville, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like UZB Uzynbulak, LCMT Little Creek M, CCUT Cedar City, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like VSR comp=2.1,10.0m,0.7s, VORD Emporium, OBND comp=2.9,0m,0.8s, etc.

DIB	Dawson Inlet,	85.08	35	P	P	13 31 52.3 +0.6
DIB				I	Amb	13 31 53.2
HGT	Haines Junctio	85.17	27	P	P	13 31 53.0 +0.8
EGAK	Eagle	85.30	23	P	P	13 31 53.2 +0.6
EGAK				I	Amb	13 31 56.0
BMAR	Burnt Mountain	85.33	20	P	P	13 31 53.5 +0.8
MOCB	Moresby Island	85.35	35	P	P	13 31 53.5 +0.4
MOCB				I	Amb	13 31 54.0
BESE	Bessie Mountai	85.59	30	P	P	13 31 55.0 +0.8
SKAG	Skagway	85.67	29	P	P	13 31 55.0 +0.6
DAWY	Dawson	85.68	24	P	P	13 31 55.3 +0.8
JIS	Juneau Island	85.71	30	P	P	13 31 55.3 +0.8
JIS				I	Amb	13 31 59.4
KSH	Kashi	85.81	310	eP	eP	13 31 56.8 +1.0
KSH				sp	sp	13 32 08.0 -1.3
KSH				S	S	13 32 12.5 +2.7
KSH				S	S	13 32 27.6 +0.9
WRAK	Wrangell Islan	86.15	32	P	P	13 31 57.4 +0.5
WHY	Whitehorse	86.31	28	P	P	13 31 58.4 +0.6
WHY				I	Amb	13 32 00.0
KURK	Kurchatov	86.60	322	iP	P	13 31 57.9 -1.3
KURK				pm	pm	
AAK	Ala-Archa	87.54	313	iP	P	13 32 03.1 -1.2
AAK				pm	pm	
AAK	Ala-Archa	87.54	313	P	P	13 32 04.5 +0.2
EPYK	Eagle Plains	87.64	22	P	P	13 32 05.2 +1.2
EPYK	Eagle Plains	87.64	22	P	P	13 32 04.5 +0.5
DLBC	Dease Lake	87.95	31	P	P	13 32 06.2 +0.5
DLBC	Dease Lake	87.95	31	P	P	13 32 06.4 +0.6
O02D	Mt. Diablo Mer	88.42	49	P	P	13 32 09.6 +1.1
O02D				P	P	13 32 09.6 +1.1
NRIK	Noril'sk	88.48	341	P	P	13 32 06.5 -1.4
M03C	Callahan	88.59	48	P	P	13 32 10.0 +0.8
I02D	Drain, OR	88.64	46	P	P	13 32 12.0 +2.8
HUMO	Hull Mountain	88.73	47	P	P	13 32 10.6 +0.8
YBH	Yreka Blue Hor	88.75	48	P	P	13 32 10.3 +0.3
YBH	Yreka Blue Hor	88.75	48	P	P	13 32 10.3 +0.3
YBH	Yreka Blue Hor	88.75	48	P	P	13 32 10.3 +0.3
YBH				pm	pm	
YBH				I	Amb	13 34 47.3
G03D	McMinville, O	88.98	44	P	P	13 32 13.3 +2.5
E03A	Lebam	89.02	43	P	P	13 32 11.7 +0.7
O03E	Paynes Creek	89.19	49	P	P	13 32 12.8 +0.8
H04D	Lebanon	89.23	45	P	P	13 32 13.9 +1.9
ORV	Oroville	89.30	50	P	P	13 32 11.8 -0.6
ORV				pm	pm	
ORV	Oroville	89.30	50	P	P	13 32 11.8 -0.6
INK	Inuvik	89.50	21	P	P	13 32 12.9 +0.3
INK	Inuvik	89.50	21	P	P	13 32 12.5 -0.2
INK	Inuvik	89.50	21	P	P	13 32 14.6
AFDM	Forest Hills D	89.61	51	P	P	13 32 13.1 -0.9
PAGB	Antelope Grade	89.69	54	I	Amb	13 32 14.0 -0.4
PAGB				I	Amb	13 32 19.5
SMCC	Simmler	89.84	55	P	P	13 32 18.3 +3.2
CMB	Columbia Colle	89.92	52	P	P	13 32 15.8 +0.3
CMB				pm	pm	
CMB	Columbia Colle	89.92	52	P	P	13 32 15.8 +0.3
PKM	Mpherson Peak	89.92	55	P	P	13 32 18.5 +2.7
GAR	Garm	90.03	309	P	P	13 32 15.4 -0.6
J05D	Fort Rock, OR	90.09	47	P	P	13 32 16.8 +0.6
I05D	Terrebonne, OR	90.18	46	P	P	13 32 17.3 +0.7
BEKR	Beckworth	90.22	50	P	P	13 32 16.4 -0.5
BEKR				I	Amb	13 32 18.7
B05A	Bryant	90.31	42	P	P	13 32 17.4 +0.5
F05D	White Salmon	90.35	44	P	P	13 32 18.0 +0.8
PINE	Pine Mountain	90.38	46	P	P	13 32 17.6 -0.1
KKAR	Karatay Array	90.50	313	P	P	13 32 17.0 -1.0
KKAR	Karatay Array	90.50	313	P	P	13 32 17.0 -1.0
MOD	Modoc Plateau	90.56	48	P	P	13 32 18.4 -0.1
VES	Vestal, Richgr	90.64	54	P	P	13 32 19.7 +0.9
VCNR	Virginia City	90.67	51	P	P	13 32 17.1 -2.0
VCNR				I	Amb	13 32 22.9
PNTR	Pine Nut	90.69	51	P	P	13 32 19.1 -0.1
WAKR	Walker	90.73	51	P	P	13 32 19.1 -0.3
WAKR				I	Amb	13 32 23.0
ARVC	Arvin	90.75	55	P	P	13 32 20.7 +1.3
LLLB	Lillooet	90.84	39	P	P	13 32 18.8 -0.6
CIS	Catalina Islan	90.87	57	P	P	13 32 21.4 +1.5
MDPB	Devils Postpil	90.89	52	P	P	13 32 20.3 0.0
PAHR	Pat Rah Range	90.94	50	P	P	13 32 20.8 +0.5
PAHR				I	Amb	13 32 22.4
YERR	Yerington	90.95	51	P	P	13 32 20.4 -0.1
OMMB	Old Mammoth Mi	90.95	52	P	P	13 32 20.7 +0.1
LYA	Liberty	91.10	43	P	P	13 32 19.8 -1.0
ISA	Isabella, Lake	91.11	54	P	P	13 32 21.0 -0.1
ISA				pm	pm	
ISA	Isabella, Lake	91.11	54	P	P	13 32 22.6 +1.5
ISA	Isabella, Lake	91.11	54	P	P	13 32 21.0 -0.1
PASC	Pasadena Art C	91.16	56	P	P	13 32 21.8 +0.6
MWC	Mount Wilson	91.27	56	P	P	13 32 22.3 +0.3
MWC				pm	pm	
MWC	Mount Wilson	91.27	56	P	P	13 32 22.3 +0.3
EDW2	Edwards Air Fo	91.40	55	P	P	13 32 23.9 +1.5
I07A	Izze	91.45	46	P	P	13 32 21.9 -0.6
I07A				I	Amb	13 32 24.0
CWC	Cottonwood Cre	91.53	54	P	P	13 32 24.5 +1.4
E07A	Sunnyside	91.55	43	P	P	13 32 22.7 -0.1
E07A				I	Amb	13 32 24.4
BFSC	Mount Baldy Ra	91.60	56	P	P	13 32 24.4 +0.9
NVAR	Mina Array Bea	91.60	52	P	P	13 32 24.0 +0.5
NVAR	Mina Array Bea	91.60	52	P	P	13 32 23.2 -0.3
NV11	Mina Array Sit	91.72	52	I	Amb	13 32 23.9 -0.1
NV11				I	Amb	13 32 26.4
LRMC	Laurel Mtn Rad	91.73	55	P	P	13 32 25.8 +1.8
HAWA	Hanford	91.75	44	P	P	13 32 23.1 -0.6
HAWA				I	Amb	13 32 24.6
KVN	Kaiserville	91.84	51	P	P	13 32 24.9 +0.4
KVN				pm	pm	
KVN	Kaiserville	91.84	51	P	P	13 32 24.9 +0.4
KVN				I	Amb	13 32 26.6
109C	Camp Elliot, M	91.90	57	P	P	13 32 26.5 +1.8
109C				P	P	13 32 26.5 +1.8

MURC	Murrieta	91.91	57	P	P	13 32 26.1 +1.4
MPMC	Manual Prospec	91.96	54	P	P	13 32 26.8 +1.6
G08A	Pilot Rock	92.00	45	P	P	13 32 25.0 0.0
G08A				I	Amb	13 32 26.4
PNT	Penitcion	92.09	41	P	P	13 32 19.1 -6.1
J08A	Circle Bar Ran	92.09	47	P	P	13 32 24.9 -0.6
J08A	Colville Reser	92.15	42	P	P	13 32 24.7 -0.8
GRAC	Grapevine Rang	92.17	53	P	P	13 32 27.6 +1.7
BBRC	Big Bear Solar	92.21	56	P	P	13 32 27.7 +1.3
D08A	Wollman Farm	92.25	43	P	P	13 32 25.8 -0.2
D08A				I	Amb	13 32 26.6
GSC	Goldstone, Bar	92.42	55	P	P	13 32 27.6 +0.4
GSC				pm	pm	
GSC	Goldstone, Bar	92.42	55	P	P	13 32 28.6 +1.4
GSC	Goldstone, Bar	92.42	55	P	P	13 32 27.6 +0.4
MONP2	Monument Peak	92.47	57	P	P	13 32 29.4 +1.8
FURC	Furnace Creek	92.51	54	P	P	13 32 28.9 +1.5
PFO	Pinyon Flats O	92.52	57	P	P	13 32 27.9 +0.2
PFO	Pinyon Flats O	92.52	57	P	P	13 32 27.9 +0.2
PFO	Pinyon Flats O	92.52	57	P	P	13 32 29.2 +1.5
PFO	Pinyon Flats O	92.52	57	P	P	13 32 29.2 +1.5
PFO	Pinyon Flats O	92.52	57	P	P	13 32 27.9 +0.2
PFO	Pinyon Flats O	92.52	57	P	P	13 32 29.2 +1.5
XPFO	Pion Flat	92.52	57	P	P	13 32 28.2 +0.5
XPFO				I	Amb	13 32 29.6
SYO	Syowa	92.55	199	JX	P	13 32 24.0 -2.9
E09A	Wood Farm, Sta	92.71	44	P	P	13 32 28.4 +0.2
E09A				I	Amb	13 32 29.5
SHOC	Shoshone, Teco	92.92	54	P	P	13 32 30.9 +1.5
BELC	Belle Mtn. Jos	92.94	56	P	P	13 32 31.3 +1.6
TPNV	Topopah Spring	93.05	53	P	P	13 32 30.3 +0.2
TPNV				pm	pm	
TPNV	Topopah Spring	93.05	53	P	P	13 32 31.6 +1.5
TPNV	Topopah Spring	93.05	53	P	P	13 32 30.3 +0.2
TPNV				I	Amb	13 32 32.2
C36M	Paulatuk	93.08	21	P	P	13 32 29.4 +0.1
C36M	Paulatuk	93.08	21	P	P	13 32 29.1 -0.2
C36M				I	Amb	13 32 29.9
BMO	Blue Mountains	93.11	45	P	P	13 32 29.6 -0.5
BMO				pm	pm	
BMO	Blue Mountains	93.11	45	P	P	13 32 29.6 -0.5
TUQ	Turquoise Moun	93.15	55	P	P	13 32 32.2 +1.6
A36M	Sachs Harbour	93.22	18	P	P	13 32 29.9 +0.1
F10A	Beach Ranch, E	93.28	44	P	P	13 32 30.4 -0.6
F10A				I	Amb	13 35 59.3
GMRC	Granite Mounta	93.30	56	P	P	13 32 32.9 +1.6
B3C3	Big Chuckawall	93.36	57	P	P	13 32 33.5 +1.9
NEW	Newport	93.60	42	P	P	13 32 32.4 +0.2
NEW	Newport	93.60	42	P	P	13 32 31.0 -1.3
NEW	Newport	93.60	42	P	P	13 32 32.1 -0.1
NEW	Newport	93.60	42	P	P	13 32 31.0 -1.3
NEW	Newport	93.60	42	P	P	13 32 31.0 -1.3
NEW	Newport	93.60	42	P	P	13 32 31.0 -1.3
IRM	Iron Mountain	93.66	56	P	P	13 32 31.0 -1.3
R11A	Troy Canyon, C	93.72	52	P	P	13 32 34.1 +0.9
R11A				pm	pm	
R11A	Troy Canyon, C	93.72	52	P	P	13 32 32.8 -0.4
GLA	Glamis	93.82	57	P	P	13 32 35.8 +2.2
SHPR	Sheep Range	93.88	54	P	P	13 32 32.4 -1.5
SHPR				I	Amb	13 32 36.0
ELK	Elko	94.21				

13d 13h

Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, and Signal Quality. Includes stations like E53A Dumoine, BOS A Boshof, ERPA Erie, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, and Signal Quality. Includes stations like K57A Scipio Center, Q57A Strasburg, S57A Dark Hollow, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, and Signal Quality. Includes stations like E61A Lac Etchemin, MDVR Moldova, VTS Vitosh, etc.

Table with columns for location (e.g., SEY, CIT, ULN), name (e.g., Seymchan, Chita, Ulanbaatar), coordinates (e.g., 74.20 355), and other data (e.g., P, Pmax, 13 36 36.0 -1.5).

Table with columns for location (e.g., CCB, MDM, CTGM), name (e.g., Clear Creek Bu, Murphy Dome, Chitina Glacie), coordinates (e.g., 84.42 19), and other data (e.g., P, P, 13 37 32.4 -0.7).

Table with columns for location (e.g., WAKR, F04A, MDPB), name (e.g., Walker, Amby, Devils Postpil), coordinates (e.g., 88.09 50), and other data (e.g., P, P, 13 37 50.2 -1.8).

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MYKA Terra Mystica, ABTA Abfältersbach, WATA Walderalm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CHKT Chengkung, FULB Full, HGSD Fulsui, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WVDT WVDT, WVDT WVDT, TWD Chiung, etc.

MEX 13 13:30:26.1±8.5, 15.25N; 104.47W, h10km, MD4.3
NEIC 13 13:30:27.1±4.1, 15.3N; 01.104.47W; 0.04, h10km, 2km,
mb4.3/37, Error ellipse: s-maj=21.8km s-min=3.4km
az=194.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MMIG Aquila, R15V, CO15, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PV15 Paradox Valley, PV20 West Nystwonger, etc.

IDC 13 13:31:33.5±1.4, 10.89S; 162.31E, h0km, mb4.2/5,
mb1.4/4.7, mb1mx4.0/4.1, mbtmp4.2/7, ML3.5/2, Error
ellipse: s-maj=36.1km s-min=28.3km az=142.0

IDC 13 13:31:34.6±1.1, 10.9S; 01.162.3E; 0.1, h10km, n7,
e171/18, mb3.9/5, Bougainville-Solomon Islands region

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

IDC 13 13:33:58.8±1.8, 11.01S; 162.16E, h0km, mb4.0/3,
mb4.2/2.6, mb1mx3.8/4.3, mbtmp4.1/6, ML3.8/3, Error
ellipse: s-maj=38.2km s-min=31.1km az=99.0

NEIC 13 13:34:00.0±1.5, 11.1S; 02.162.3E; 0.1, h10km, 2km,
mb4.6/7, Error ellipse: s-maj=30.0km s-min=20.5km
az=175.0

IDC 13 13:34:04.0±1.3, 11.1S; 01.162.3E; 0.1, h36km, n21,
e22/214, Bougainville-Solomon Islands region

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

IDC 13 13:39:30.9±1.1, 11.5S; 01.162.2E; 0.1, h10km, 2km,
mb4.5/9, Error ellipse: s-maj=32.2km s-min=6.0km
az=42.0

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

13d 14h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Kota Kinabalu, Wanaqama, Matushiro Arr, etc.

IDC 13 14:30:53.0-0.8, 11'49S:162'67E, h0km, mb4.1/14, mb1 4.2/17, mb1mx4.1/14, mb1mx4.1/17, ML2.7/2, Error ellipse: s-maj=25.9km s-min=16.9km az=98.0

NEIC 13 14:30:54.7-1.8, 11'55.0S:162'7E.0:1, h10km, 1km, mb4.7/21, Error ellipse: s-maj=23.0km s-min=13.4km az=49.0

IDC 13 14:30:54.9-0.6, 11'43S:0'08:162'73E:0'09, h10km, n64, 1310'61, mb4.6/28, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Honiara, Mont Dzumac, etc.

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Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CTAO, COEN, STKA, etc.

IDC 13 14:39:05.6-0.7, 11'45S:161'84E, h0km, mb4.1/14, mb1 4.2/17, mb1mx4.1/38, mb1mx4.1/17, ML4.1/3, Error ellipse: s-maj=22.8km s-min=16.3km az=99.0

NEIC 13 14:39:07.3-1.8, 11'48S:0'09:161'8E:0:1, h10km, 1km, mb4.7/25, Error ellipse: s-maj=22.4km s-min=11.7km az=59.0

IDC 13 14:39:07.1-0.5, 11'45S:0'07:161'87E:0'10, h10km, n60, 1310'61, mb4.3/24, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Honiara, Mont Dzumac, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like STKA, WB2, WRA, etc.

INET 13 14:46:27.4, 12'40N:86'52W, h5km, ML3.6, IDC 13 14:46:33.1-1.7, 13'32N:86'02W, h0km, mb3.3/3, mb1 3.7/5, mb1mx3.5/40, mb1mx3.4/5, ML3.2/2, Error ellipse: s-maj=157.0km s-min=29.2km az=2.0, n64, 1310'61

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like APG, CMIG, TXAR, etc.

IDC 13 14:48:20.2-0.9, 11'64S:162'00E, h0km, mb4.0/11, mb1 4.2/14, mb1mx4.0/31, mb1mx4.0/14, ML4.0/3, Error ellipse: s-maj=26.8km s-min=17.5km az=102.0

NEIC 13 14:48:25.3-1.8, 11'58S:0'09:161'9E:0:1, h30km, 6km, mb4.7/24, Error ellipse: s-maj=19.9km s-min=10.4km az=64.0

IDC 13 14:48:25.8-0.6, 11'56S:0'07:161'9E:0:1, h35km, n38, 1310'61, 1310'61, mb4.0/17, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HNR, DZM, EIDS, etc.

IDC 13 14:48:25.8-0.6, 11'56S:0'07:161'9E:0:1, h35km, n38, 1310'61, 1310'61, mb4.0/17, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KKM Kota Kinabalu, Santa MZR, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAJO Matushiro, MAJB Matsu-Tunnel, KSRs Korea Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WMQ comp=N,830nm,22.5s, EGAK Eagle, SYO Syowa Base, etc.

IDC 13 15:00:48.8±1.9, 11.675s:162.79E, h0km, mb3.9/5, mb1 4.0/7, mb1mx3.8/34, mbtmp3.9/7, ML3.9/2, Error ellipse: s-maj=44.5km s-min=27.7km az=71.0

NEIC 13 15:00:50.8±0.9, 11.75s:0.1x162.8E±0.2, h19km, 5km, mb4.4/5, Error ellipse: s-maj=28.2km s-min=12.9km az=55.0

ISC 13 15:00:53.1±1.2, 11.75s:0.1x162.8E±0.2, h35km, n20, 0±89.1/7, mb4.0/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, DZM Mont Dzumac, etc.

IDC 13 15:22:39.7±1.9, 11.455s:162.16E, h0km, mb3.7/6, mb1 3.7/7, mb1mx3.6/34, mbtmp3.7/7, ML3.0/1, Error ellipse: s-maj=58.5km s-min=31.6km az=89.0

ISC 13 15:22:41.3±1.2, 11.55s:0.2x162.2E±0.3, h10km, n7, 0±211/7, mb3.8/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, ASAR Alice Springs, H1S12 WAKE ISLAND Hy, etc.

IDC 13 15:23:56.0±0.9, 11.215s:162.09E, h0km, mb4.2/12, mb1 4.3/14, mb1mx4.2/34, mbtmp4.2/14, ML4.1/2, Error ellipse: s-maj=25.9km s-min=20.0km az=125.0

NEIC 13 15:23:58.1±2.4, 11.245s:0.07x161.9E±0.1, h10km, 1km, mb4.7/17, Error ellipse: s-maj=21.4km s-min=9.2km az=245.0

ISC 13 15:24:01.7±0.5, 11.345s:0.09x161.79E±0.10, h36km, n46, 0±145/44, mb4.5/23, 1C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, DZM Mont Dzumac, etc.

IDC 13 15:16:20.9±0.9, 11.425s:162.58E, h0km, mb4.2/15, mb1 4.3/18, mb1mx4.2/35, mbtmp4.2/18, ML4.2/3, Error ellipse: s-maj=24.1km s-min=17.5km az=117.0

NEIC 13 15:16:22.1±1.7, 11.435s:0.03x162.58E±0.08, h10km, 1km, mb4.8/25, Error ellipse: s-maj=12.6km s-min=5.0km az=100.0

ISC 13 15:16:22.2±0.5, 11.415s:0.07x162.58E±0.07, h10km, n64, 0±86/59, mb4.5/26, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, DZM Mont Dzumac, etc.

IDC 13 15:23:56.0±0.9, 11.215s:162.09E, h0km, mb4.2/12, mb1 4.3/14, mb1mx4.2/34, mbtmp4.2/14, ML4.1/2, Error ellipse: s-maj=25.9km s-min=20.0km az=125.0

NEIC 13 15:23:58.1±2.4, 11.245s:0.07x161.9E±0.1, h10km, 1km, mb4.7/17, Error ellipse: s-maj=21.4km s-min=9.2km az=245.0

ISC 13 15:24:01.7±0.5, 11.345s:0.09x161.79E±0.10, h36km, n46, 0±145/44, mb4.5/23, 1C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, DZM Mont Dzumac, etc.

STR 13 15:41:1.1, 7.0x4.4, 2.2°N, 3.3°E, h8km, 3km, mb4.2/1, ML3.3/6, smi:scs/0.6/LOCASAT earthModelID smi:scs/0.6/alpes_taup-2.1 preliminary

LDG 13 15:41:16.2±0.2, 42.28N:7.50E, h25km, Md3.4/4, M3.6/34, Error ellipse: s-maj=3.6km s-min=2.5km az=177.0

IDC 13 15:41:16.1±3.2, 42.26N:8.47E, h0km, mb3.6/2, mb1 3.5/5, mb1mx3.2/62, mbtmp3.5/5, ML3.0/3, Error ellipse: s-maj=9.1km s-min=2.0km az=110.0

ROM 13 15:41:16.0±3.0, 42.50N:0.04x7.70E±0.03, h21km, 4km, ML3.1/28, Error ellipse: s-maj=3.9km s-min=1.9km az=198.0

ISC 13 15:41:12.1±1.6, 42.26N:0.04x7.43E±0.02, h17km, 12km, n124, 0±195/185, 3C-1D, Western Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AJAC Base Areonaval, ASEC Site Antares, PGF Pioggia, etc.

13d 16h

Table with columns: DOI, comp, E, f, P, AML, Pn, AML, 15 41 50.5 +1.9, etc. Lists various astronomical objects and their properties.

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Table with columns: LOR, Lormes, 5.62 334 ePn, Pn, 15 42 34.9 +0.1, etc. Lists astronomical objects with detailed coordinates and magnitudes.

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Table with columns: HDA, Harding Lake, 3.59 28 Pn, Pn, 15 47 55.0 -0.1, etc. Lists astronomical objects, including a detailed section for Bougainville-Solomon Islands region.

Table with columns: Call sign, Frequency, Power, Mode, and other details. Includes stations like PDGK, SATY, ARXS, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like YKA, ASAR, IDC, NEIC, JMA, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other details. Includes stations like MKAR, STKA, AAK, BBOO, etc.

13 16h

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

IDC 13 16:21:21.4e.1.0, 11.30Sx161.75E, h0km, mb3.9/10, mb1.4/0.5, mb1mx3.9/39, mbtmp3.9/13, ML3.8/3.0, Error ellipse: s-maj=24.9km s-min=19.7km az=94.0

NEIC 13 16:21:23.2e.1.2, 11.27S:0.1x161.8E:0.1, h12km, 5km, mb4.7/19, Error ellipse: s-maj=21.5km s-min=11.0km az=61.0

ISC 13 16:21:22.9e.0.7, 11.26S:0.08x161.8E:0.1, h10km, n31, o#101/32, mb4.0/16, Bougainville-Solomon Islands region

Main table for 13 16h section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, EIDS Eidsvold, etc.

IDC 13 16:24:20.9e.2.1, 11.64Sx162.70E, h0km, mb3.9/4, mb1.4/0.5, mb1mx3.7/36, mbtmp3.9/5, ML3.0/1, Error ellipse: s-maj=54.1km s-min=35.0km az=95.0

NEIC 13 16:24:23.7e.1.7, 11.71S:0.1x162.50E:0.1, h10km, 2km, mb4.6/8, Error ellipse: s-maj=25.6km s-min=11.4km az=30.0

ISC 13 16:24:22.9e.1.0, 11.7S:0.1x162.6E:0.1, h10km, n18, o#86/16, mb4.1/6, Bougainville-Solomon Islands region

Main table for 13 16h section (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, RABL Rabaul, etc.

TAP 13 16:24:49.4, 24.86N, 122.01E, h105km, ML3.8, B JMA 13 16:24:49.0, 24.81N, 121.98E, h106km, 3km, M3.2

ISC 13 16:24:49.1, 24.87N, 122.01E:0.02, h108km, 5km, n133, o#87/255, Taiwan region

Main table for 13 16h section (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWB1 Santiao Chiao, TWB1, NTC Toucheng, etc.

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Main table for 2014 APR section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WFSB Wu-fen Shan, TWC, EOST, etc.

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Main table for 1004 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHF Hehuan Shan, WHF, YOJ, etc.

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
WTP	baz=216	S	Sn	16 25 48.8 +0.2	
WLBG	Puzi	2.08 229	eP	Pn	16 25 23.7 +0.6
WLBG	baz=235	eS	Sn	16 25 49.7 +0.6	
WLBG	baz=235	eS	Sn	16 25 49.7 +0.6	
TWK	Hsiyang	2.11 221	P	Pn	16 25 24.5 +1.0
TWK	baz=220	eS	Sn	16 25 49.7 -0.1	
JISG	Ishigakijimahi	2.12 97	P	Pn	16 25 24.0 +0.5
JISG	baz=220	eS	Sn	16 25 49.7 -0.1	
PTTC	Pingtan	2.12 288	eP	Pn	16 25 23.5 0.0
PTTC	baz=288	eS	Sn	16 25 48.8 -1.1	
SNST	Tainan City	2.14 220	P	Pn	16 25 25.2 +1.3
SNST	baz=218	S	Sn	16 25 50.3 -0.2	
CHN1	Nanshi	2.15 219	P	Pn	16 25 24.9 +0.9
CHN1	baz=217	S	Sn	16 25 50.9 +0.2	
TWH	Lutao	2.20 193	eP	Pn	16 25 24.1 -0.6
TWH	baz=184	eS	Sn	16 25 50.1 -1.7	
SGST	Jiashian	2.20 216	iP	Pn	16 25 24.9 +0.2
SGST	baz=223	S	Sn	16 25 51.9 0.0	
TWG	Pinlang	2.21 203	eP	Pn	16 25 23.9 -0.8
TWG	baz=193	eS	Sn	16 25 49.3 -2.8	
TWGT	Beinan	2.21 203	eP	Pn	16 25 23.3 -1.4
TWGT	baz=193	eS	Sn	16 25 51.7 -0.3	
CHN8	Yiju	2.23 228	eP	Pn	16 25 26.0 +1.0
CHN8	baz=237	S	Sn	16 25 53.2 +0.7	
SLGT	Liugui	2.24 214	eP	Pn	16 25 25.6 +0.4
SLGT	baz=221	eS	Sn	16 25 54.0 +1.2	
TTN	Taitung	2.25 201	eS	Sn	16 25 51.3 -1.5
TTN	baz=194	eS	Sn	16 25 25.0 -0.3	
MATB	Ma-tsu	2.26 305	eP	Pn	16 25 25.9 -0.3
MATB	baz=303	eS	Sn	16 25 25.9 -0.3	
VWUC	VWUC	2.32 274	eP	Pn	16 25 25.9 -0.3
VWUC	baz=273	eS	Sn	16 25 53.6 -1.0	
CHN3	Shinhua	2.33 220	eS	Sn	16 25 57.0 +2.3
CHN3	baz=227	eS	Sn	16 25 55.6 +0.1	
SCLT	Jiali	2.36 225	eS	Sn	16 25 28.6 +0.7
SCLT	baz=224	eS	Sn	16 25 57.6 -0.1	
ECL	Taimali	2.46 203	P	Pn	16 25 29.5 +1.5
ECL	baz=195	eS	Sn	16 25 57.6 -0.1	
SSD	Sandimen	2.46 211	P	Pn	16 25 29.5 +1.5
SSD	baz=208	S	Sn	16 25 57.6 -0.1	
JTJ	Tarama	2.46 95	P	Pn	16 25 28.9 +0.9
JTJ	baz=213	S	Sn	16 25 57.8 0.0	
TWM1	Shoushan	2.50 216	eP	Pn	16 25 29.5 +0.9
TWM1	baz=213	eS	Sn	16 26 00.9 +2.2	
MASBT	Mashubuluo	2.58 210	P	Pn	16 25 31.2 +1.8
MASBT	baz=206	eS	Sn	16 26 00.4 -0.1	
PNG	Penghu	2.59 240	P	Pn	16 25 29.2 -0.3
PNG	baz=240	S	Sn	16 25 57.2 -3.4	
XPSS	Dashiqu	2.62 322	eP	Pn	16 25 29.5 -0.6
XPSS	baz=320	eS	Sn	16 26 02.6 +1.0	
PTMZ	Houxiangcun	2.62 274	P	Pn	16 25 29.7 -0.4
PTMZ	baz=274	P	Pn	16 25 29.7 -0.4	
LYJJ	Jianjiangzhen	2.63 310	eP	Pn	16 25 29.8 -0.3
LYJJ	baz=309	eP	Pn	16 25 31.9 +1.1	
WDGT	Dungji	2.68 234	eP	Pn	16 25 30.9 -1.9
WDGT	baz=234	eS	Sn	16 25 31.5 +0.4	
EAST	Anshuo	2.69 203	eP	Pn	16 26 02.8 -0.6
EAST	baz=194	eS	Sn	16 25 33.1 +1.0	
SCZT	Fangliu	2.79 207	eP	Pn	16 25 36.0 +0.4
SCZT	baz=215	S	Sn	16 26 06.0 +0.4	
LAY	Lan-yu	2.85 189	P	Pn	16 25 32.2 -1.0
LAY	baz=186	eS	Sn	16 26 04.4 -2.6	
VCHM	Qimei	2.88 235	eP	Pn	16 25 32.7 -0.7
VCHM	baz=236	eS	Sn	16 26 06.2 -1.3	
JIRB	Irabujima	2.88 90	S	Sn	16 26 07.1 -0.5
WLCH	Liuqiu	2.92 211	eP	Pn	16 25 35.2 +1.2
WLCH	baz=207	eS	Sn	16 26 11.1 +2.6	
TWP	Hsiaoliuchi	2.93 211	eS	Sn	16 25 10.1 +3.1
MHZO	Feshan	2.96 295	P	Pn	16 25 34.1 -0.3
MHZO	baz=295	P	Pn	16 25 36.0 +1.1	
JMJ	Miyako jima 2	2.99 90	eP	Pn	16 26 11.3 +1.2
JMJ	baz=90	eS	Sn	16 25 36.8 +1.5	
JMJ2	Miyako jima3	3.02 92	P	Pn	16 26 12.4 +1.4
TWKBT	Hengchun	3.12 201	eS	Sn	16 26 11.5 -1.7
KNMB	Chin-men Tao	3.31 264	eP	Pn	16 25 39.3 0.0
KNMB	baz=263	eS	Sn	16 26 15.8 -2.1	
AXDP	Jilang	3.67 271	eP	Pn	16 25 44.6 +0.7
AXDP	baz=271	eS	Sn	16 26 24.6 -1.7	

16 25 26.0 +1.0, 11°04'Sx162°21'E, h0km, mb4.0/5, mb1 4.2/5, mb1mx3.8/31, mbtmp4.0/5, Error ellipse: s-maj=95.5km s-min=30.7km az=127.0, Bougainville-Solomon Islands region
16 25 25.9 -0.3, 11°15'Sx162°22'E, h10km, mb2.0, mb4.7/6, Error ellipse: s-maj=27.3km s-min=11.5km az=57.0
16 25 25.0 -0.3, 11°10'Sx162°22'E, h10km, n22, 0591/15, mb3.9/8, Bougainville-Solomon Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
HNR	Honiara	2.75 306	Op Pn	16 26 57.8 +1.0	
DZM	Mont Dzumac	11.67 160	Pn	16 29 00.0 +0.6	
CTA	Charters Tower	17.77 238	P	16 30 21.4 +0.3	
CTA	Charters Tower	17.77 238	P	16 30 21.4 +0.3	
CTAO	Charters Tower	17.77 238	P	16 30 21.4 +0.3	
CTAO	Charters Tower	17.77 238	P	16 30 21.4 +0.3	
STKA	Stevens Creek	28.11 219	P	16 32 05.3 +0.4	
WB2	Warramunga Arr	28.20 248	P	16 32 04.7 -1.1	
WB2	Warramunga Arr	28.20 248	P	16 32 05.5	
WARR	Warramunga Arr	28.21 248	P	16 32 07.6 +1.7	
ASAR	Alice Springs	29.69 241	P	16 32 17.8 -1.2	
H11S2	WAKE ISLAND Hy	29.71 9	T	17 03 17.7	
H11S3	WAKE ISLAND Hy	29.71 9	T	17 03 17.7	
H11S1	WAKE ISLAND Hy	29.73 9	T	17 03 16.6	
H11N1	WAKE ISLAND Hy	30.94 9	T	17 04 48.1	
H11N3	WAKE ISLAND Hy	30.95 9	T	17 04 44.8	
H11N2	WAKE ISLAND Hy	30.96 9	T	17 04 49.5	
BBOO	Buckeleo	32.32 224	P	16 32 40.0 -1.3	
KNRA	Kunurra	32.82 258	P	16 32 46.4 -0.2	
CMAR	Chiang Mai Arr	68.94 295	P	16 37 18.2 -0.3	
SOMM	Songino Array	76.66 325	P	16 38 03.5 -0.4	
SOMN	Songino Array	76.66 325	P	16 38 03.7	
ILAR	Eielson Array	84.67 20	P	16 38 46.9 +0.5	
ILAR	Eielson Array	84.67 20	P	16 38 46.2 -0.1	
MKAR	Makanchi Array	91.17 317	P	16 39 17.2 -0.7	

16 34 48.3 0.8, 11°13'Sx162°03'E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.5/40, mbtmp3.6/5, Error ellipse: s-maj=233.7km s-min=40.6km az=120.0, Bougainville-Solomon Islands region
16 34 48.3 0.8, 11°09'Sx161°55'E, h0km, mb3.8/6, mb1 4.0/8, mb1mx3.6/40, mbtmp3.8/8, ML3.5/2, Error ellipse: s-maj=29.5km s-min=24.0km az=93.0
16 34 48.3 0.8, 11°09'Sx161°55'E, h0km, mb3.8/6, mb4.5/11, Error ellipse: s-maj=16.2km s-min=7.0km az=150.0
16 34 51.6 0.9, 11°10'Sx162°09'E, h2km, n20, 0591/21, mb4.0/10, Bougainville-Solomon Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
HNR	Honiara	2.18 316	Op Pn	16 35 25.9 -0.1	
HNR	Honiara	2.18 316	Op Pn	16 35 25.9 -0.1	
HNR	Honiara	2.18 316	Op Pn	16 35 25.9 -0.1	
DZM	Mont Dzumac	11.98 157	Pn	16 37 39.9 -0.7	
DZM	Mont Dzumac	11.98 157	Pn	16 37 39.7 -1.0	
CTAO	Charters Tower	17.21 327	P	16 38 50.1 -0.1	
CTAO	Charters Tower	17.21 327	P	16 38 52.6	
EIDS	Eidsvold	17.35 213	P	16 38 51.9 0.0	
EIDS	Eidsvold	17.35 213	P	16 39 27.4	
COEN	Coen	18.11 259	P	16 39 02.1 +0.5	
WB0	Warramunga Arr	27.50 248	P	16 40 36.2 +0.3	
WB0	Warramunga Arr	27.50 248	P	16 41 17.7	
WRAB	Tennant Creek	27.58 248	P	16 40 36.5 0.0	
WRAB	Tennant Creek	27.58 248	P	16 41 05.3	
WB2	Warramunga Arr	27.58 248	P	16 40 36.5 -0.1	
WB2	Warramunga Arr	27.58 248	P	16 41 03.8	
WRA	Warramunga Arr	27.59 248	P	16 40 37.0 +0.3	
STKA	Stevens Creek	27.72 218	P	16 40 38.4 +0.7	
ASAR	Alice Springs	29.11 241	P	16 40 50.1 -0.1	
KNRA	Kunurra	32.15 258	P	16 41 17.3 +0.2	
FMZ	Fitzroy Crossi	35.35 254	P	16 41 45.4 +0.4	
CM31	Chiang Mai Arr	68.28 295	P	16 45 49.0 -1.5	
CM31	Chiang Mai Arr	68.28 295	P	16 46 32.2	
CMAR	Chiang Mai Arr	68.28 295	P	16 45 49.5 -1.1	
ILAR	Eielson Array	84.15 20	P	16 47 23.9 +0.5	
ZALV	Zalesovo Beam	91.10 325	P	16 47 56.1 +2.6	
YKA	Yellowknife Arr	96.88 28	P	16 48 19.0 -0.8	

17 00 15.5 1.1, 35°77'N02°97'48W, h0.4, h6km, 6km, ML3.4, Error ellipse: s-maj=4.1km s-min=2.0km az=74.0
17 00 15.6 0.3, 35°75'N97°51'W, h8km, ML4.3/13, Error ellipse: s-maj=4.0km s-min=2.7km az=167.0
17 00 15.6 0.9, 35°78'N01°01'97'49W, h0.5, h7km, 6km, Error ellipse: s-maj=5.5km s-min=1.3km az=80.0
17 00 15.8 1.0, 35°74'N01°03'97'47W, h0.3, h7km, 7km, n53, 01975/68, Oklahoma

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
MIAR	Mount Ida	3.41 109	Pn	17 01 10.5 +1.2	
KSU1	Kansas State U	3.42 11	Pn	17 01 09.5 -0.1	
KSU1	baz=192, SNR=16		Pb	17 01 17.4 +0.6	
KSU1	baz=192	Sb	Sb	17 02 01.1 +2.5	
AMTX	Amarillo	3.54 257	Pb	17 01 17.8 -1.1	
AMTX	Amarillo	3.54 257	Pb	17 01 12.4 +1.0	
CBKS	Cedar Bluff	3.56 330	Pn	17 01 11.0 -0.5	
CBKS	baz=149	Pb	Pb	17 01 19.6 +0.5	
CBKS	baz=149	Sb	Sg	17 02 06.7 -3.4	
CBKS	baz=149	Sb	Sg	17 01 13.0 +1.5	
WHTX	White Whitney, Lake Whitney, baz=360, SNR=11	3.74 180	Pn	17 01 14.6 +0.7	
WHTX	White Whitney, Lake Whitney, baz=360, SNR=11	3.74 180	Sb	17 02 11.0 +3.3	
U40A	Yellville, baz=262	3.79 79	Pn	17 01 14.2 +0.3	
U40A	Yellville, baz=262	3.79 79	Pn	17 01 14.5 -0.1	
U40A	Yellville, baz=262	3.79 79	Sb	17 02 13.4 +4.1	
U40A	Yellville, baz=262	3.79 79	Pn	17 01 14.7 +0.1	
S39A	Bolivar	3.86 58	Pn	17 01 15.6 0.0	
X40A	Basin Creek Fa	4.00 107	P	17 01 18.3 +0.8	
X40A	Basin Creek Fa, baz=290, SNR=10.0		Sb	17 02 20.4 -3.9	
X40A	Basin Creek Fa, baz=290, SNR=10.0		Pn	17 01 18.4 +0.8	
WHAR	Woolly Hollow	4.25 95	Pn	17 01 21.1 +0.2	
W41B	Gary Mavity, V	4.30 96	Pn	17 01 21.6 0.0	
W41B	baz=280, SNR=12		Pb	17 01 31.7 0.0	
W41B	baz=280	Sn	Sn	17 02 12.3 +0.2	
W41B	baz=280	Sb	Sg	17 02 29.1 -4.8	
UALR	University of	4.31 101	S	17 01 22.1 +0.4	
Z41A	Richland Creek	4.58 121	S	17 02 19.8 +0.9	
R40A	Madies Statio	4.88 57	Sb		

IDC 13 17:15:41.2,-1.9,6:70S:155.01E,h51km,16km,mb4.1/17, mb1.4/22,mb1mx4.2/32,mbtmp4.3/22,ML3.7/5,Error ellipse: s-maj=16.1km s-min=11.8km az=69.0 NEIC 13 17:15:42.0,-1.4,6:76S:0.09E,0.08,h57km,7km, mb4.5/24,Error ellipse: s-maj=14.4km s-min=9.8km az=217.0

ISC 13 17:15:41.4,0.5,6:76S:0.07,155.05E,0.08,h56km,n78, c131379,mb4.4/28,1D,Bougainville-Solomon Islands region

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

BRTR Keskin Array B 118.27 312 PKP 17 34 22.6 -0.5 comp=Z,0.4nm,0.6s,baz=169,slow=1.3,SNR=3.6 BOSB Boshof 120.21 311 PKP 17 34 27.0 -0.2 comp=Z,1.7nm,0.9s,baz=50,slow=2.2,SNR=5.3 GERES GERES Array B 126.88 329 PKP 17 34 39.6 -0.1 comp=Z,0.7nm,0.6s,baz=80,slow=1.5,SNR=9.2 GERES GERES Array B 126.88 329 PKP 17 34 40.2 +0.5 BDFB Brasilia 148.10 134 PKPbc PKPab 17 35 22.1 -2.8 comp=Z,8.8nm,0.7s,baz=186,slow=1.1,SNR=10

IDC 13 17:34:48.8,-1.9,36:62N:144.63E,h0km,mb3.4/3, mb1.3/6.5,mb1mx3.3/43,mbtmp3.5/5,ML3.2/2,Error ellipse: s-maj=44.8km s-min=27.1km az=64.0 JMA 13 17:34:54.3,0.2,36:77N:144.33E,h45km,M3.8 ISC 13 17:34:53.0,-1.3,36:76N:106.144:46E,0.09,h26km,n31, c1526/35,mb3.4/3,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH Ishinomikikubu, JJKF Kawauchi, JNFK Onaj, etc.

IDC 13 17:41:37.8,-2.0,11:54S:162:61E,h0km,mb3.9/4, mb1.3/9.6,mb1mx3.6/39,mbtmp3.9/6,ML3.8/2,Error ellipse: s-maj=47.0km s-min=31.4km az=83.0 NEIC 13 17:41:38.4,-2.7,11:73S:0.08:162:6E,0.1,h10km,2km, mb4.4/12,Error ellipse: s-maj=23.2km s-min=11.7km az=67.0

ISC 13 17:41:39.3,-1.4,11:8S:0.1:162:4E,0.2,h10km,n23, c1840/19,mb4.3/10,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, ARMA Armidale, etc.

c1564/33,mb3.9/15,Bougainville-Solomon Islands region

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

IDC 13 17:50:03.6,2.2,11:55S:162:00E,h0km,mb3.6/4, mb1.3/7.6,mb1mx3.5/52,mbtmp3.7/6,ML3.2/2,Error ellipse: s-maj=50.0km s-min=31.4km az=81.0

ISC 13 17:50:05.4,-1.4,11:53S:0.2:161:9E,0.3,h10km,n12, c1826/7,mb3.5/4,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, ARMA Armidale, etc.

IDC 13 17:54:13.5,-2.0,7:30S:153:77E,h0km,mb3.2/3, mb1.3/6.5,mb1mx3.3/51,mbtmp3.5/5,ML3.7/2,Error ellipse: s-maj=37.0km s-min=28.1km az=64.0,New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat, HNR Honiara, WRA Warramunga, etc.

KEA 13 17:59:04.2,0.0,36:64N:121.79E,h0km,ML3.3/4, Southeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PYAG Pyongyang, SUJ Sinuiju, PYS Pyongsong, etc.

NNC 13 18:03:08.9,-3.3,43:95N:86:73E,h0km,mb3.5,mpv3.3, 2C-3D,Error ellipse: s-maj=22.4km s-min=18.8km az=123.0,Northern Xinjiang

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include MK31, MAK2, MAZ, MAZK, DJR, DJR, DJR, KAPS, KAPS.

ATH 13 18:09:28.8, 35.27N-23.35E, h43km, 1km, ML2.9/1.1, Error ellipse: s-maj=2.4km s-min=1.0km az=49.0

THE 13 18:09:29.1, 35.22N-23.18E, h34km, 4km, ML1.1/8, Error ellipse: s-maj=4.7km s-min=1.0km az=68.0

ICD 13 18:09:30.1, 3.5, 85N-23.48E, h59km, 36km, mb3.2/4, mb1 3.2/5, mb1mx3.0/37, mbtmp3.4/5, ML2.4/1, Error ellipse: s-maj=48.3km s-min=31.5km az=29.0

ISC 13 18:09:25.3, 1.2, 35.22N-23.08E, h57km, 10km, n44, c263/68, mb3.4/4, Crete

Main table for station 1007, listing codes, station names, and coordinates. Includes stations like KNDR, ANKY, IMMV, CHAN, GVD, VAM, KTHR, SIVA, MNVA, VLI, IDI, DZR, MHLO, LAST, SERI, MORW, DID, JAGI, KJM, PCJI, SBUM, MJAR, MAT, KSM, MDSI, KRSR, NJ2, BKNI, USRK, IPM, IMDJ, MDJ, MNSI, KULM.

NEIC 13 18:11:24.9, 2.8, 11.60S; 0.09:162.1E; 0.1, h10km, 1km,

mb4.9/29, Error ellipse: s-maj=21.5km s-min=10.6km az=57.0

IDD 13 18:11:24.2, 0.6, 11.54S; 162.07E, h0km, mb4.4/19, mb1 4.5/23, mb1mx4.4/35, mbtmp4.4/23, ML4.0/3, MS3.8/3, Ms1 3.8/3, ms1mx3.3/40, Error ellipse: s-maj=18.2km s-min=15.1km az=92.0

ISC 13 18:11:25.1, 0.4, 11.58S; 0.05:162.20E; 0.07, h10km, n140, c151/136, mb4.8/51, 2C, Bougainville-Solomon Islands region

Main table for station 13, listing codes, station names, and coordinates. Includes stations like HNR, HNR, HNR, DZM, DZM, DZM, PMG, PMG, EIDS, CTA, CTA, CTA, MTSU, PAEN, PAEN, COEN, COEN, RMQ, QLP, JAY, JAY, QIS, GENI, STKA, STKA, STKA, WBO, WBO, WBO, WBR2, WBR2, WRA, WRA, KDU, AS31, ASAR, ASAR, ASAR, ASAR, H11S2, H11S2, H11S3, H11S3, H11S1, H11S1, H11S1, H11S1, H11N3, H11N3, H11N2, H11N2, SNJ, SNJ, KNRA, KNRA, WRKA, WRKA, NLAI, FITZ, FITZ, LBMI, FORT, FORT, FORT, SANI, SANI, KMSI, KMSI, BONE, BONE, MEEK, MEEK, MORW, MORW, MORW, JAGI, JAGI, KJM, KJM, PCJI, PCJI, SBUM, MJAR, MAT, KSM, MDSI, KRSR, NJ2, BKNI, USRK, IPM, IMDJ, MDJ, MNSI, KULM.

Main table for station 13d 18h, listing codes, station names, and coordinates. Includes stations like RPSI, PETK, GSI, GSI, VYDA, VYDA, PBKT, PBKT, XAN, XAN, XAN, XAN, KMI, KMI, KMI, KMI, CMAR, CMAR, HHC, HHC, HHC, LZH, LZH, LZH, GTA, GTA, GTA, SONM, SONM, SONM, YAK, YAK, YAK, KDAK, KDAK, QSPA, QSPA, SVW2, SVW2, TAPN, TAPN, ODAN, ODAN, MAW, MAW, MAW, PKI, PKI, PKI, PKIN, PKIN, KKN, KKN, DMN, DMN, GKN, GKN, ILAR, ILAR, MOBC, MOBC, DMN, DMN, WMQ, WMQ, WMQ, SYO, SYO, SYO, MK31, MK31, MKAR, MKAR, MKAR, MKAR, ZALV, ZALV, ZALV, KSH, KSH, KSH, KSH, KSH, KSH, SNA, SNA, PDAR, PDAR, YKA, YKA, VNA3, VNA3, ARCES, ARCES, BOS, BOS, AKAS, AKAS, CPUP, CPUP, BRTR, BRTR, LSZ, LSZ, MLR, MLR, GERES, GERES, KEST, KEST, KEST, PVIL, PVIL, ESDC, ESDC, PVIS, PVIS, FUG, FUG, PCBR, PCBR, PCAR, PCAR, PCMS, PCMS, PTOM, PTOM, PTMT, PTMT, PBEJ, PBEJ.

GCG 13 18:14:22.5, 0.3, 14.98N-93.09W, h265km, 19km, MD4.2 MEX 13 18:14:26.0, 1.1, 15.99N-92.94W, h187km, 8km, MD4.2

ISC 13 18:14:27.1, 1.6, 15.98N; 0.08:93.03W; 0.06, h167km, 11km, n15, c151626, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include PCIG, PCIG, PCIG, TUGI, TUGI, TUGI, TUGI, THIG, THIG, THIG, THIG, STG3, STG3, STG3, CMIG, CMIG, CMIG, FUG, FUG, FUG, HUIG, HUIG, HUIG, IXG, IXG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warrungunga Arr, ASAR Alice Springs, H11S2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, MKAR Maknachi Array, ZALV Zalesovo Bea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KNRA Kunurra, FITZ Fitzroy Cross, FORT Forrest, etc.

13d 18:34:30.6:11.0,15.05N-104.59W,h0km,mb3.4/3,mb1.3.8/5,mb1mx3.6/46,mbtmp3.4/5,ML3.5/2,MS3.7/2,Ms1.3.7/2,ms1mx3.1/24,Error ellipse: s-maj=322.6km s-min=94.8km az=113.0,Off coast of Micochaon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H06E1 SOCORRO T-PHAS 7.11 302 T, TXAR Lajitas Array, TEIG Tepich, etc.

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.4/2,mb1.3.8/3,mb1mx3.4/36,mbtmp3.6/3,ML3.7/1,Error ellipse: s-maj=32.0km s-min=29.3km az=14.0,DJA 13 18:51:15.7:2.2,3'S;11x14.0E;1'0,h25km,19km,M3.1/3,MLV3.1/3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 13 18:51:07.6:1.4,2.3S;0.1:139.28E;0.07,h10km,n7,c268/11,Near north coast of Irian Jaya, GENI Genyem, etc.

NEIC 13 19:35:17.9:2.6,11.0S;0.1:163.0E;0.1,h10km,2km,mb4.4/8,Error ellipse: s-maj=29.5km s-min=11.9km az=45.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 13 19:35:24.2:3.1,11.18S;162.43E,h0km,mb3.8/3,mb1.4.0/5,mb1mx3.7/37,mbtmp4.0/5,ML3.8/2,Error ellipse: s-maj=55.1km s-min=35.4km az=93.0, etc.

13d 18:48:00.8:4.4,11.22S;162.25E,h23km,2.7km,mb4.0/17,mb1.4.2/21,mb1mx4.1/43,mbtmp4.2/21,ML2.6/2,MS3.7/3,Ms1.3.7/3,ms1mx3.3/19,Error ellipse: s-maj=22.5km s-min=15.1km az=112.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 13 18:48:00.8:4.4,11.22S;162.25E,h23km,2.7km,mb4.0/17, etc.

13d 19:13:09.2:5.4,31.75S;138.43E,h0km,mb1.3.4/3,mb1mx3.2/20,mbtmp3.1/3,ML3.1/3,Error ellipse: s-maj=90.8km s-min=18.9km az=25.0,AUST 13 19:13:09.6:0.6,31.85S;138.42E,h0km,4km,Error ellipse: s-maj=2.8km s-min=2.2km az=90.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 13 19:13:09.2:5.4,31.75S;138.43E,h0km,mb1.3.4/3, etc.

13d 19:13:19.1:2.6,11.0S;0.2:163.0E;0.2,h10km,n22,c1548/16,mb4.0/6,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, WRA Warrungunga Arr, H11S2 WAKE ISLAND Hy, etc.

13d 18:47:58.4:2.0,11.22S;0.08:162.32E;0.08,h10km,1km,mb4.5/8,Error ellipse: s-maj=19.0km s-min=3.4km az=45.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC 13 18:47:58.4:2.0,11.22S;0.08:162.32E;0.08,h10km,1km, etc.

13d 19:13:10.7:2.1,31.80S;0.05:138.39E;0.05,h17km,16km,n14,c242/22,South Australia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LCRK Leigh Creek, HTT Hallett, BBOO Buckleboo, etc.

13d 19:41:30.0:0.0,8.1109S;161.75E,h0km,mb4.2/17,mb1.4.3/20,mb1mx3.4/36,mbtmp4.2/20,ML4.5/3,MS4.1/8,Ms1.4.1/8,ms1mx3.7/32,Error ellipse: s-maj=21.3km s-min=15.5km az=105.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 13 19:41:30.0:0.0,8.1109S;161.75E,h0km,mb4.2/17, etc.

13d 18:47:58.5:1.5,11.21S;0.07:162.31E;0.08,h10km,n56,c1909/53,mb4.3/21,Bougainville-Solomon Islands region

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

13d 19:41:34.7:0.5,11.12S;0.06:161.77E;0.08,h28km,n68,c1907/61,mb4.4/30,MS4.1/7,Bougainville-Solomon Islands region

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 13 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11, etc.

13d 19:13:15.6:0.7,11.15S;0.08:161.8E;0.1,h10km,n35,c1844/30,mb4.0/16,Bougainville-Solomon Islands region

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 18:51:06.0:1.7,2.19S;139.25E,h0km,mb3.9/11,mb1.4.1/13,mb1mx3.9/40,mbtmp3.9/13,ML4.0/2,MS3.7/1,Ms1.3.7/1,ms1mx2.8/33,Error ellipse: s-maj=27.2km s-min=22.5km az=101.0

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

13d 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BBOO, BSWZ, KNRA, FITZ, FITZ, FORT, FORT, MAT, MAT, ASAJ, ASAJ, KSRS, KSRS, NJ2, NJ2, USRK, USRK, PSI, PSI, PETK, PETK, GSI, GSI, VVND, VVND, XAN, XAN, XAN, XAN, CMAR, CMAR, HHC, HHC, HHC, HHC, GTA, GTA, GTA, GTA, SONM, SONM, SONM, SONM, IMAR, IMAR, CCB, CCB, HDA, HDA, ILAR, ILAR, ILAR, ILAR, ILAR, ILAR, EGAK, EGAK, NVAR, NVAR, NVAR, NVAR, MKAR, MKAR, ZALV, ZALV, KSH, KSH, YKA, YKA, TXAR, TXAR.

IDC 13 19:43:48.5:1.0, 7.16S:155.03E, h0km, mb4.1/10, mb1 4.3/12, mb1mx4.1/35, mbmp4.1/12, ML1.8/1, MS3.3/1, MS1 4.3/1, ms1mx3.3/24, Error ellipse: s-maj=31.7km s-min=20.6km az=143.0

ISC 13 19:43:50.1:0.9, 7.15S:0.1:155.0E:0.1, h10km, n14, o187/15, mb4.2/9, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT, KRVT, PMG, PMG, WRA, WRA, WRA, WRA, SJU, SJU, ASAR, ASAR, ASAR, ASAR, FITZ, FITZ, PETK, PETK, CMAR, CMAR, MKAR, MKAR, ILAR, ILAR, YKA, YKA, PDAR, PDAR, GERES, GERES, BDFB, BDFB.

IDC 13 19:44:21.9:2.3, 11.83S:163.11E, h0km, mb4.3/9, mb1 4.4/10, mb1mx4.1/35, mbmp4.4/10, ML4.5/1, MS3.6/2, MS1 3.6/2, ms1mx3.2/29, Error ellipse: s-maj=61.8km s-min=29.8km az=118.0

NEIC 13 19:44:23.4:2.6, 11.83S:0.2:163.0E:0.1, h10km, 2km, mb4.4/4, Error ellipse: s-maj=35.4km s-min=6.4km az=37.0

ISC 13 19:44:27.7:1.2, 11.8S:0.2:162.9E:0.2, h35km, n27, o1811/20, mb4.4/10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR, HNR, HNR, HNR, COEN, COEN, WRA, WRA, WRA, WRA, ASAR, ASAR, H11S2, H11S2, H11S3, H11S3, H11S1, H11S1, H11N1, H11N1.

2014 APR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H11N3, H11N3, TG Y, TG Y, JKA, JKA, KSRS, KSRS, USRK, USRK, USRK, USRK, CMAR, CMAR, CMAR, CMAR, SONM, SONM, SONM, SONM, MKAR, MKAR, MKAR, MKAR, ZALV, ZALV, BRTR, BRTR.

NNC 13 19:47:31.2:2.5, 42.85N:78.67E, h0km, mb2.9, mpv2.6, Error ellipse: s-maj=21.1km s-min=6.5km az=172.0

SOME 13 19:47:33.3, 43.23N:78.52E, h10km, ISC 13 19:47:33.2:1.2, 43.21N:0.008:78.52E:0.05, h24km, n8, o1863/14, 3C-2D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SATY, SATY, SATY, SATY, KPKS, KPKS, KPKS, KPKS, UZB, UZB, UZB, UZB, PDGK, PDGK, PDGK, PDGK, PDGK, PDGK, TKM2, TKM2, TKM2, TKM2.

TUL 13 20:02:21.1:1.5, 35.77N:0.01:97.48W:0.01, h6km, 3km, ML3.5, Error ellipse: s-maj=1.9km s-min=1.4km az=193.0

NEIC 13 20:02:21.1:0.7, 35.79N:0.01:97.50W:0.02, h6km, 3km, Error ellipse: s-maj=2.1km s-min=2.0km az=198.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ADOK, ADOK, OK005, OK005, OKCFA, OKCFA, OKCFA, OKCFA, OKCWS, OKCWS, OKCWS, OKCWS, FNO, FNO, W35A, W35A, X34A, X34A, U32A, U32A, T35A, T35A, TUL1, TUL1, WMOK, WMOK, X37A, X37A, Z35A, Z35A, W39A, W39A, MINTX, MINTX, AMTX, AMTX, U40A, U40A, S39A, S39A, WHAR, WHAR, FCAR, FCAR, MSTX, MSTX, R40A, R40A, N38A, N38A, S44A, S44A, ISCO, ISCO, MINTX, MINTX, ECSD, ECSD, HDIL, HDIL.

TAP 13 20:07:59.9, 24.84N:122.26E, h11km, ML3.4, C JMA 13 20:08:00.5:0.1, 24.77N:122.28E, h20km, M2.6

ISC 13 20:07:59.7:1.0, 24.81N:0.02:122.30E:0.02, h14km, 8km, n82, o878/132, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EOS1, EOS1, EOS1, EOS1, TWB1, TWB1, TWB1, TWB1, NTC, NTC, TWC, TWC, TWC, TWC, TIPB, TIPB, TIPB, TIPB, NWF, NWF, NWF, NWF, WFSB, WFSB, WFSB, WFSB, TWE, TWE, TWE, TWE, TWE, TWE, ENA, ENA, ENA, ENA, TWA, TWA, TWA, TWA, YJNG, YJNG, YJNG, YJNG, NHDH, NHDH, NHDH, NHDH.

1010

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NWLT, NWLT, NWLT, NWLT, YOJ, YOJ, YOJ, YOJ, YOJ, YOJ, TAP1, TAP1, TAP1, TAP1, NDT, NDT, NDT, NDT, YMO1, YMO1, YMO1, YMO1, YMO1, YMO1, YMO8, YMO8, YMO8, YMO8, YMO11, YMO11, TATO, TATO, TATO, TATO, YMO5, YMO5, YMO5, YMO5, YMO4, YMO4, YMO4, YMO4, YMO3, YMO3, YMO3, YMO3, TWY, TWY, TWY, TWY, ANP, ANP, ANP, ANP, PCYT, PCYT, PCYT, PCYT, YHNB, YHNB, YHNB, YHNB, TWS1, TWS1, TWS1, TWS1, NSK, NSK, NSK, NSK, NACB, NACB, NACB, NACB, NACB, NACB, NNSB, NNSB, NNSB, NNSB, NNSH, NNSH, NNSH, NNSH, NNS, NNS, NNS, NNS, ETLH, ETLH, ETLH, ETLH, ETLH, ETLH, TWD, TWD, TWD, TWD, TWD, TWD, WHF, WHF, WHF, WHF, WHF, WHF, TWT, TWT, TWT, TWT, TWT, TWT, TDCB, TDCB, TDCB, TDCB, TDCB, TDCB, LIOB, LIOB, LIOB, LIOB, NSTT, NSTT, NSTT, NSTT, NSTT, NSTT, ESL, ESL, ESL, ESL, CHGB, CHGB, CHGB, CHGB, CHGB, CHGB, OWD, OWD, OWD, OWD, OWD, OWD, WHP, WHP, WHP, WHP, WHP, WHP, IRIF, IRIF, IRIF, IRIF, NMLH, NMLH, NMLH, NMLH, NMLH, NMLH, NSY, NSY, NSY, NSY, NSY, NSY, DPDB, DPDB, DPDB, DPDB, DPDB, DPDB, VWDT, VWDT, VWDT, VWDT, VWDT, VWDT, HGSD, HGSD, HGSD, HGSD, HGSD, HGSD, EHY, EHY, EHY, EHY, EHY, EHY, SSLB, SSLB, SSLB, SSLB, SSLB, SSLB, TYC, TYC, TYC, TYC, TYC, TYC, YULB, YULB, YULB, YULB, YULB, YULB, TWF1, TWF1, TWF1, TWF1, TWF1, TWF1, WHYT, WHYT, WHYT, WHYT, WHYT, WHYT, WJS, WJS, WJS, WJS, WJS, WJS, WNT, WNT, WNT, WNT, WNT, WNT, JUJ, JUJ, JUJ, JUJ, JUJ, JUJ, ALS, ALS, ALS, ALS, ALS, ALS, CHNS, CHNS, CHNS, CHNS, CHNS, CHNS, WGK, WGK, WGK, WGK, WGK, WGK, WDLJ, WDLJ, WDLJ, WDLJ, WDLJ, WDLJ.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WDLH, ELDT, CHN4, CHN4, CHN4, TPUB, TPUB, TPUB, STYT, STYT, WTP, WTP, TWK, TWK, TWK, SNST, SNST, CHN1, CHN1, SGST, SGST, SLGT, SLGT, MTD, MTD, MASBT, MASBT, MASBT, EAST, EAST.

IDC 13 20:28:25.5-3.2, 11.62S;162.96E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.5/47, mbtmp3.8/5, ML4.4/1, Error ellipse: s-maj=72.5km s-min=38.9km az=112.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, WRA, WRA, ASAR, ASAR, H1S2, H1S2, H1S3, H1S3, H1S1, H1S1, H1N1, H1N1, H1N3, H1N3, H1N2, H1N2, SONM, SONM, MKAR, MKAR.

IDC 13 20:36:55.8-1.4, 11.75S;162.85E, h0km, mb4.0/8, mb1 4.2/9, mb1mx3.9/49, mbtmp4.0/9, ML4.5/1, MS3.5/2, Ms1 3.5/2, ms1mx2.8/36, Error ellipse: s-maj=43.6km s-min=24.5km az=141.0, NEIC 13 20:36:57.9-1.6, 11.78S;0.1x162.7E:0.1, h10km, 1km, mb4.5/9, Error ellipse: s-maj=20.9km s-min=12.8km az=44.0

IDC 13 20:37:01.5-0.7, 11.71S;0.09;162.7E:0.1, h35km, n28, s1508/22, mb4.2/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, HNR, DZM, DZM, KRVT, KRVT, EIDS, EIDS, WB0, WB0, WRAB, WRAB, WB2, WB2, WRA, WRA, ASAR, ASAR, H1S2, H1S2, H1S3, H1S3, H1N1, H1N1, H1N3, H1N3, H1N2, H1N2, BBOO, BBOO, KJRA, KJRA, ASAJ, ASAJ, ULN, ULN, SONM, SONM, PATS, PATS, ILAR, ILAR, NVAR, NVAR, MKAR, MKAR, YKA, YKA.

IDC 13 20:40:04.3-1.9, 3.25N;95.35E, h0km, mb3.7/4, mb1 3.8/6, mb1mx3.5/49, mbtmp3.6/6, ML3.4/2, Error ellipse: s-maj=56.9km s-min=20.4km az=50.0, DJA 13 20:40:14.4-0.5, 4.2N;2.9E;1.1, h13km, 6km, M3.8/6, mb3.8/1, MLV3.8/6, IDC 13 20:40:11.2-1.2, 3.65N;0.05;95.6E:0.1, h38km, n15, s1971/16, mb3.7/4, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLSI, MLSI, MLSI, SSSI, SSSI, LHHI, LHHI, GSI, GSI, PSI, PSI, PSI, PBI, PBI, SISI, SISI, CMAR, CMAR, H0S2, H0S2, H0S3, H0S3, H0S1, H0S1, MKAR, MKAR, WRA, WRA, ASAR, ASAR, ZALV, ZALV.

IDC 13 20:46:54.5-2.1, 11.64S;162.85E, h0km, mb3.9/9, mb1 4.1/10, mb1mx3.9/32, mbtmp4.0/10, ML4.9/1, MS3.8/5, Ms1 3.8/5, ms1mx3.3/33, Error ellipse: s-maj=54.5km s-min=27.3km az=125.0, NEIC 13 20:46:58.6-2.9, 11.62S;0.1;162.7E:0.1, h10km, 1km, mb4.2/10, Error ellipse: s-maj=26.5km s-min=11.4km az=61.0

IDC 13 20:47:00.6-0.8, 11.64S;0.09;162.6E:0.1, h35km, n34, s1947/25, mb4.0/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, HNR, HNR, DZM, DZM, DZM, DZM, COEN, COEN, RAO, RAO, STKA, STKA, WR0, WR0, WB0, WB0, WB2, WB2, WRA, WRA, AS31, AS31, ASAR, ASAR, ASAR, ASAR, H1S3, H1S3, H1S1, H1S1, H1N1, H1N1, H1N3, H1N3, H1N2, H1N2, MJAR, MJAR, USRK, USRK, CMAR, CMAR, SONM, SONM, ILAR, ILAR, MK31, MK31, MKAR, MKAR, WRAB, WRAB, MKAR, MKAR, YKA, YKA.

IDC 13 20:53:16.1-1.9, 6.70S;155.35E, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.6/34, mbtmp3.8/5, ML3.7/1, MS3.5/2, Ms1 3.5/2, ms1mx3.0/37, Error ellipse: s-maj=40.0km s-min=31.3km az=107.0, NEIC 13 20:53:20.5-2.6, 6.9S;0.1x155.5E:0.1, h35km, 2km, mb3.4/14, Error ellipse: s-maj=25.1km s-min=16.6km az=129.0

IDC 13 20:53:20.4-0.9, 6.80S;0.07;155.4E:0.1, h35km, n26, s1599/25, mb4.2/10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL, RABL, KRVT, KRVT, PMG, PMG, PMG, PMG, PATS, PATS, COEN, COEN, CTAA, CTAA, EIDS, EIDS, GUMO, GUMO, ARMA, ARMA, WRAB, WRAB, WB2, WB2, WB2, WB2, YKA, YKA, JAY, JAY.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR, ASAR, ASAR, FITZ, FITZ, KAPI, KAPI, GIRL, GIRL, MORW, MORW, KSRS, KSRS, CMAR, CMAR, ILAR, ILAR, AKTO, AKTO.

IDC 13 20:54:47.2-1.2, 11.31S;162.12E, h0km, mb3.9/10, mb1 4.1/11, mb1mx3.9/35, mbtmp3.9/11, ML4.1/1, MS3.7/2, Ms1 3.7/2, ms1mx3.0/35, Error ellipse: s-maj=32.7km s-min=21.7km az=128.0, NEIC 13 20:54:49.4-1.8, 11.35S;0.08;161.99E:0.09, h10km, 1km, mb4.3/11, Error ellipse: s-maj=18.8km s-min=8.5km az=48.0

IDC 13 20:54:49.0-0.6, 11.30S;0.07;162.05E:0.09, h10km, n34, s1932/26, mb3.9/11, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, HNR, HNR, DZM, DZM, DZM, DZM, COEN, COEN, AFI, AFI, STKA, STKA, WB2, WB2, WRA, WRA, NIUE, NIUE, ASAR, ASAR, H1S2, H1S2, H1S3, H1S3, H1N1, H1N1, H1N3, H1N3, H1N2, H1N2, KNRA, KNRA, FITZ, FITZ, PETK, PETK, CMAR, CMAR, SONM, SONM, KDAK, KDAK, ILAR, ILAR, MKAR, MKAR, YKA, YKA, ARCES, ARCES, IDC 13 21:00:52.7-1.7, 7.15S;155.01E, h0km, mb3.7/5, mb1 3.9/7, mb1mx3.7/33, mbtmp3.8/7, ML2.6/2, Error ellipse: s-maj=36.3km s-min=26.1km az=122.0, IDC 13 21:00:54.1-1.4, 7.15S;0.1;155.1E:0.1, h10km, n7, s0577/9, mb3.7/5, Bougainville-Solomon Islands region, KRVT, KRVT, PMG, PMG, WRA, WRA, ASAR, ASAR, CMAR, CMAR, YKA, YKA, IDC 13 21:03:44.0-0.9, 11.69S;0.1;162.1E:0.1, h10km, n19, s1886/13, mb4.0/9, Bougainville-Solomon Islands region, Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, DZM, DZM, DZM, DZM, PMG, PMG, CTAA, CTAA, JAY, JAY.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTGM Chitina Glacie, ZALV Zalesovo Beam, BOKR Beaver Creek A, etc.

NNC 13 22:02:52.3-8.0, 37.56N-71.24E, h0km, mb4.5, mpv4.1, 2C-1D, Error ellipse: s-maj=61.3km s-min=51.3km az=174.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML Almayashu, UCHT Uchtor, ESK2 Erkin-Say, etc.

NEIC 13 22:04:31.7-1.1, 5.6S-0.1, 147.5E-0.2, h164km, 7km, mb4.2/8, Error ellipse: s-maj=27.6km s-min=15.1km az=101.0

IDC 13 22:04:32.4-5.4, 5.66S-147.56E, h164km, 58km, mb3.6/3, mb1 3.9/5, mb1mx3.3/4, mbtmpr3.6/7, MS3.7/1, ms1mx2.7/27, Error ellipse: s-maj=81.5km s-min=26.7km az=117.0

IDC 13 22:04:32.6-1.1, 5.68S-0.09, 147.5E-0.2, h170km, n18, c=0877/20, mb4.1/3, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, COEN Coen, MTN Manton Dam, etc.

IDC 13 22:08:44.1-4.3, 7.16S-154.01E, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.5/25, mbtmpr3.6/5, ML3.4/1, MS2.7/1, Ms1 2.7/1, ms1mx2.5/25, Error ellipse: s-maj=100.1km s-min=32.5km az=99.0, Bougainville-Solomon Islands region

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

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

IDC 13 22:12:52.4-3.1, 28.27S-63.44E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/39, mbtmpr3.6/3, Error ellipse: s-maj=93.8km s-min=48.7km az=51.0, Southwest Indian Ridge

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

IDC 13 22:22:15.3-1.6, 0.65N-122.57E, h0km, mb3.6/3, Ms1 3.8/4, mb1mx3.4/35, mbtmpr3.6/4, ML3.8/1, MS4.0/2, Ms1 4.0/2, ms1mx2.7/39, Error ellipse: s-maj=150.5km s-min=24.5km az=64.0, DUA 13 22:22:34.0-0.7, N.4 x 12' 2"E, h153km, 6km, M3.4/7, ML3.3/2

IDC 13 22:22:34.1-1.0, 0.34N-0.09, 122.05E-0.06, h164km, 8km, n11, c=1922/14, mb3.4/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRSI Marisa, APSI Ampanga, LUWI Luwuk, etc.

IDC 13 22:23:36.2-1.9, 7.22S-155.00E, h0km, mb3.5/5, mb1 3.8/5, mb1mx3.5/36, mbtmpr3.5/5, Error ellipse: s-maj=80.0km s-min=28.0km az=134.0, Bougainville-Solomon Islands region

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

IDC 13 22:25:52.9-3.2, 11.60S-162.52E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.5/38, mbtmpr3.8/4, ML3.8/1, Error ellipse: s-maj=61.7km s-min=39.1km az=80.0, Bougainville-Solomon Islands region

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

KRSK 13 22:39:21.9-1.9, 49.86N-156.87E, h30km, 21km, ML4.0, Kuril Islands

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

IDC 13 22:41:41.3-2.8, 1.122S-162.04E, h0km, mb3.8/4, mb1 3.9/6, mb1mx3.7/42, mbtmpr3.9/6, ML3.6/2, Error ellipse: s-maj=55.8km s-min=28.9km az=61.0

IDC 13 22:41:41.8-1.9, 11.0S-0.2, 162.1E-0.2, h10km, n7, c=0589/8, mb3.8/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, CTA Charters Tower, etc.

KRSC 13 22:41:46.6-0.6, 53.65N-159.53E, h121km, 5km, ML3.6/2, IDC 13 22:41:47.6-1.1, 53.95N-159.00E, h124km, 27km, mb3.2/7, mb1 3.5/7, mb1mx3.1/54, mbtmpr3.6/7, Error ellipse: s-maj=55.4km s-min=20.9km az=1.0

IDC 13 22:41:47.0-0.8, 53.67N-159.05E-159.43E-0.07, h124km, 6km, n42, c=1901/62, mb3.5/7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KII Karymskiy, KII KII, NLC Nalytchevo, etc.

NEIC 13 22:42:09.6-1.2, 43.79N-105.30W-0.04, h0km, 2km, ML3.4/58, Error ellipse: s-maj=6.0km s-min=3.4km az=318.0

IDC 13 22:42:09.7-1.7, 43.87N-105.48W, h0km, mb1 3.6/5, mb1mx3.3/60, mbtmpr3.4/5, ML3.1/4, Error ellipse: s-maj=48.0km s-min=7.9km az=148.0

IDC 13 22:42:09.2-0.8, 43.79N-105.28W-0.05, h0km, n47, c=1500/45, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like INK Inuvik, MKAR Makanchi Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Auburn Hatcher, DGMT, SMCO, HWUT, etc.

Code Station Name Az Az' Phase ID Time Res ISC
AUBURN HATCHER 4.37 258 Pn Pn 22 43 16.9 -0.2

Code Station Name Az Az' Phase ID Time Res ISC
HNR Honiara 2.69 311 Pn Pn 22 43 23.4 -0.4

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dzumac 11.60 159 Pn Pn 22 45 26.6 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
CTA Charters Tower 17.54 238 P P 22 46 47.8 +1.4

Code Station Name Az Az' Phase ID Time Res ISC
COEN Coen 18.59 260 P Pn 22 46 58.6 +0.5

Code Station Name Az Az' Phase ID Time Res ISC
STKA Stephens Creek 27.89 219 P P 22 48 30.9 +0.2

Code Station Name Az Az' Phase ID Time Res ISC
WRA Warramunga Arr 28.00 249 P P 22 48 31.5 -0.1

Code Station Name Az Az' Phase ID Time Res ISC
ASAR Alice Springs 29.47 241 P P 22 48 44.3 -0.5

Code Station Name Az Az' Phase ID Time Res ISC
ASAR Alice Springs 29.47 241 P P 22 48 44.3 -0.5

Code Station Name Az Az' Phase ID Time Res ISC
H1S1 WAKE ISLAND Hy 29.87 9 T T 23 18 47.8

Code Station Name Az Az' Phase ID Time Res ISC
H1S3 WAKE ISLAND Hy 29.87 9 T T 23 18 46.5

Code Station Name Az Az' Phase ID Time Res ISC
UR1Z Urewera 30.13 156 LR LR 22 59 51.1

Code Station Name Az Az' Phase ID Time Res ISC
H1N1 WAKE ISLAND Hy 31.12 9 T T 23 20 19.3

Code Station Name Az Az' Phase ID Time Res ISC
H1N3 WAKE ISLAND Hy 31.11 9 T T 23 20 19.7

Code Station Name Az Az' Phase ID Time Res ISC
H1N2 WAKE ISLAND Hy 31.12 9 T T 23 20 20.7

Code Station Name Az Az' Phase ID Time Res ISC
KN2A Kununurra 32.62 255 P P 22 49 12.7 0.0

Code Station Name Az Az' Phase ID Time Res ISC
FITZ Fitzroy Crossi 35.80 258 P P 22 49 39.8 -0.4

Code Station Name Az Az' Phase ID Time Res ISC
PPT Papeete 47.22 104 LR LR 23 08 30.7

Code Station Name Az Az' Phase ID Time Res ISC
PETK Petropavlovsk- 64.17 357 P P 22 53 15.8 +0.8

Code Station Name Az Az' Phase ID Time Res ISC
PETK Petropavlovsk- 64.17 357 P P 22 53 15.8 +0.8

Code Station Name Az Az' Phase ID Time Res ISC
VNDV Vanda 66.30 180 P P 22 53 29.1 +0.5

Code Station Name Az Az' Phase ID Time Res ISC
VNDV Vanda 66.30 180 P P 22 53 29.1 +0.5

Code Station Name Az Az' Phase ID Time Res ISC
CMAR Chiang Mai Arr 68.84 295 P P 22 53 46.1 +0.5

Code Station Name Az Az' Phase ID Time Res ISC
SONM Songino Array 76.67 325 P P 22 54 32.5 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, IDC 13 23:20:33.8, etc.

Code Station Name Az Az' Phase ID Time Res ISC
PB15 IPOC Station P 1.04 296 P Pn 23 20 52.4 +0.2

Code Station Name Az Az' Phase ID Time Res ISC
LVC Limon Verde 1.96 342 P S Sn 23 21 06.8 -0.1

Code Station Name Az Az' Phase ID Time Res ISC
LVC Limon Verde 1.96 342 P S Sn 23 21 06.8 -0.1

Code Station Name Az Az' Phase ID Time Res ISC
PB06 IPOC Station P 1.31 314 P Pn 23 21 14.9

Code Station Name Az Az' Phase ID Time Res ISC
PB05 IPOC Station P 1.70 297 P Pn 23 21 09.9 -0.3

Code Station Name Az Az' Phase ID Time Res ISC
GO02 Mina Guanaco 1.79 211 P Pn 23 21 03.4 +0.8

Code Station Name Az Az' Phase ID Time Res ISC
PB10 IPOC Station P 1.83 273 P Pn 23 21 02.6 -0.2

Code Station Name Az Az' Phase ID Time Res ISC
PB03 IPOC Station P 1.92 325 P Pn 23 21 04.7 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
PB09 IPOC Station P 1.93 341 P Pn 23 21 05.3 +1.3

Code Station Name Az Az' Phase ID Time Res ISC
PB04 IPOC Station P 1.95 311 P Pn 23 21 04.6 +0.1

Code Station Name Az Az' Phase ID Time Res ISC
PB14 IPOC Station P 1.96 239 P Pn 23 21 04.4 -0.3

Code Station Name Az Az' Phase ID Time Res ISC
PB07 IPOC Station P 2.25 327 P Pn 23 21 09.0 +0.5

Code Station Name Az Az' Phase ID Time Res ISC
PB02 IPOC Station P 2.61 331 P Pn 23 21 13.7 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
SIV San Ignacio 10.36 44 P Pn 23 22 57.2 -1.1

Code Station Name Az Az' Phase ID Time Res ISC
SIV San Ignacio 10.36 44 P Pn 23 22 57.2 -1.1

Code Station Name Az Az' Phase ID Time Res ISC
BDFB Brasilia 20.50 71 P P 23 25 07.4 -0.2

Code Station Name Az Az' Phase ID Time Res ISC
PDAR Pinedale Array 76.11 330 P P 23 32 10.7 +0.5

Code Station Name Az Az' Phase ID Time Res ISC
ULM Lac du Bonnet 77.43 342 P P 23 32 16.6 -0.6

Code Station Name Az Az' Phase ID Time Res ISC
BOSA Boshof 82.17 118 P P 23 32 44.2 +0.7

Code Station Name Az Az' Phase ID Time Res ISC
MAW Mawson 82.21 163 P P 23 32 43.7 +0.8

Code Station Name Az Az' Phase ID Time Res ISC
YKA Yellowknife Arr 93.29 340 P P 23 33 36.8 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
YKA Yellowknife Arr 93.29 340 P P 23 33 36.8 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
ASAR Alice Springs 128.17 206 PKP PKPdf 23 39 28.3 -0.2

Code Station Name Az Az' Phase ID Time Res ISC
MKAR Makanchi Array 147.13 38 PKPbc PKPdf 23 40 03.6 +1.2

Code Station Name Az Az' Phase ID Time Res ISC
MKAR Makanchi Array 147.13 38 PKPbc PKPdf 23 40 03.6 +1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HMDT Nahal Hemdat, QRNJ Al-Qirein, etc.

Code Station Name Az Az' Phase ID Time Res ISC
HNR Honiara 2.64 310 Pn Pn 23 39 20.6 -1.4

Code Station Name Az Az' Phase ID Time Res ISC
HNR Honiara 2.64 310 Pn Pn 23 39 20.6 -1.4

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dzumac 11.66 159 Pn Pn 23 43 31.5 -3.3

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dzumac 11.66 159 Pn Pn 23 43 31.5 -3.3

Code Station Name Az Az' Phase ID Time Res ISC
CTA Charters Tower 17.55 238 P P 23 42 45.8 +1.2

Code Station Name Az Az' Phase ID Time Res ISC
CTAO Charters Tower 17.55 238 P P 23 42 45.8 +1.2

Code Station Name Az Az' Phase ID Time Res ISC
ARMA Arma 21.44 205 P Pn 23 43 33.3

Code Station Name Az Az' Phase ID Time Res ISC
WRO Warramunga Arr 27.81 248 P P 23 44 28.4 +0.5

Code Station Name Az Az' Phase ID Time Res ISC
WRO Warramunga Arr 27.81 248 P P 23 44 28.4 +0.5

Code Station Name Az Az' Phase ID Time Res ISC
STKA Stephens Creek 27.91 219 P P 23 44 28.8 +0.1

Code Station Name Az Az' Phase ID Time Res ISC
STKA Stephens Creek 27.91 219 P P 23 44 28.8 +0.1

Code Station Name Az Az' Phase ID Time Res ISC
ASAR Alice Springs 29.47 241 P P 23 44 42.0 -0.7

Code Station Name Az Az' Phase ID Time Res ISC
ASAR Alice Springs 29.47 241 P P 23 44 42.0 -0.7

Code Station Name Az Az' Phase ID Time Res ISC
TOO Toolangi 30.18 207 P P 23 44 49.2 +0.4

Code Station Name Az Az' Phase ID Time Res ISC
TOO Toolangi 30.18 207 P P 23 44 49.2 +0.4

Code Station Name Az Az' Phase ID Time Res ISC
BFZ Birch Farm 31.98 159 P P 23 45 04.1 -0.5

Code Station Name Az Az' Phase ID Time Res ISC
BBOO Buclebeo 32.12 224 P P 23 45 06.0 +0.1

Code Station Name Az Az' Phase ID Time Res ISC
KNRA Kuraavaara 32.60 258 P P 23 45 09.6 -0.8

Code Station Name Az Az' Phase ID Time Res ISC
ODZ Odia Downs 34.57 169 P P 23 45 23.9 -3.1

Code Station Name Az Az' Phase ID Time Res ISC
FITZ Fitzroy Crossi 35.79 255 P P 23 45 37.9 0.0

Code Station Name Az Az' Phase ID Time Res ISC
FITZ Fitzroy Crossi 35.79 255 P P 23 45 37.9 0.0

Code Station Name Az Az' Phase ID Time Res ISC
MORW Morawa 46.35 240 P P 23 47 09.3 +1.0

Code Station Name Az Az' Phase ID Time Res ISC
JAGI Jajag, Banyuwya 47.17 269 P P 23 47 10.2 -1.1

Code Station Name Az Az' Phase ID Time Res ISC
PPT Papeete 47.25 104 LR LR 00 00 33.0

Code Station Name Az Az' Phase ID Time Res ISC
PPT Papeete 47.25 104 LR LR 00 00 33.0

IDC 13 23:14:53.8:3.2, 11.525x162.64E, h0km, mb4.1/4, mb1 4.2/5, mb1mx3.8/36, mbtmp4.1/5, ML4.3/1, Error ellipse: s-maj=76.1km s-min=38.7km az=113.0, Bougainville-Solomon Islands region

IDC 13 23:36:32.1:1.9, 11.045x161.68E, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.6/33, mbtmp3.7/5, ML3.5/2, Error ellipse: s-maj=38.7km s-min=28.4km az=57.0, Bougainville-Solomon Islands region

INET 13 23:40:10.6, 12.34N-86.42W, h4km, ML3.6, UCR 13 23:40:11.6:1.9, 12.28N-86.41W, h10km, MW3.8, ISC 13 23:40:12.7:1.7, 12.47N-0.09:86.46W-0.06, h35km, n8, a15067, Nicaragua

Code Station Name Az Az' Phase ID Time Res ISC
HNR Honiara 3.37 308 Pn Pn 23 15 47.9 +0.2

Code Station Name Az Az' Phase ID Time Res ISC
HRBS Abu Rudays 0.33 27 P P 23 37 47.0 0.0

Code Station Name Az Az' Phase ID Time Res ISC
KUA Kuravaara 0.14 21 P P 23 45 07.6 +0.2

Code Station Name Az Az' Phase ID Time Res ISC
WRA Warramunga Arr 28.46 249 P P 23 20 50.8 -0.1

Code Station Name Az Az' Phase ID Time Res ISC
YTRT Yattir 3.41 30 Pn Pn 23 38 34.7 +0.3

Code Station Name Az Az' Phase ID Time Res ISC
KUA Kuravaara 0.14 21 P P 23 45 07.6 +0.2

Code Station Name Az Az' Phase ID Time Res ISC
ASAR Alice Springs 29.47 241 P P 23 21 03.4 -0.5

Code Station Name Az Az' Phase ID Time Res ISC
AMAZ Amatzia 3.47 26 Pn Pn 23 38 36.3 +1.1

Code Station Name Az Az' Phase ID Time Res ISC
KUA Kuravaara 0.14 21 P P 23 45 07.6 +0.2

14d Oh

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TLY, ODAN, MOY, RAMN, MAW, etc.

2014 APR

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like M04C, BMAR, G03D, I04A, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GMRC, J08A, TPNV, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PDAR, YKA, VNA3, ANMO, TXAR, LAO, DGMT, W30K, ULM, U40A, W41B, EYMN, JFWS, HDIL, E44A, LRAL, F45A, K46A, WCI, G46A, GLMI, Z50A, T49A, N48A, S49A, L48A, P49A, K48A, D47A, T50A, O49A, J48A, N49A, S50A, ARCES, O50A, I49A, E48A, D48A, S51A, Q51A, L50A, P51A, GOGA, T52A, M51A, R52A, P52A, T53A, I51A, D50A, M52A, R53A, X54A, W54A, F51A, VRH, Q53A, P53A, V54A, D51A, O54A, E51A, I52A, T54A, N53A, M53A, Y55A, F52A, R54T, M54T, Q54A, V55A, ERPA, U55A.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like O54A, E52A, T55A, N54A, RAYN, X56A, DWPF, M54A, G53A, KBZ, AKH, AKH, BLA, Q55A, L54A, LPSR, D53A, H53A, R55A, ALGO, V56A, W56A, P55A, U56A, Z57A, G54A, E53A, T56A, VSR, O55A, OBN, OBN, OBN, N55A, E54A, M55A, W57A, S56A, L55A, V57A, D54A, J55A, Z58A, O56A, T57A, U57A, M56A, N56A, H55A, G55A, V58A, W58A, R57A, L56A, SSPA, D55A, J56A, U58A, N57A, O57A, H56A, S58A, M57A, Q58A, L57A, R58B, V59A, K57A, E56A, FINE5, D56A, P58A, U59A, O58A, N58A, I57A, M58A, T59A, X60A, G57A, R59A, BINY.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like K58A, L58A, E57A, Q59A, J58A, O59A, I58A, LONLY, N59A, M59A, W61A, K59A, L59A, H58A, E58A, D58A, P60A, O60A, BOSA, N60A, H59A, I59A, SCHO, G59A, M60A, D59A, I60A, J60A, H60A, G60A, K61A, M61A, E60A, LPAZ, J61A, I61A, H61A, G61A, L61B, K62A, M62A, F61A, E61A, K62A, ROSC, J62A, H62A, G62A, K63A, M63A, HRV, J63A, D62A, SIM, L63A, DIKM, G63A, M64A, F63A, PKME, D63A, E63A, AKASG, G64A, F64A, E64A, NB2, NOA, BATG, CUP, BRTR, BRTR, BRTR, SORM, SORM, LSZ, ANTO, MILM, VASR, SDV, TOPG, CFR, CFR, TIRR, TIRR, LVV, TESR, HARR.

14d Oh

Table with columns: Name, RA, Dec, Mag, and other astronomical data. Includes entries like HARR Harsova, BIZ Bicaz, BURAR Bucovina Array, etc.

2016 APR

Table with columns: Name, RA, Dec, Mag, and other astronomical data. Includes entries like WATA Walderalm, WATA Wattenberg, WTAA Wattenberg, etc.

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Table with columns: Name, RA, Dec, Mag, and other astronomical data. Includes entries like IL31, IL31, ILAR Eielson Array, etc.

ellipse: s-maj=20.9km s-min=16.3km az=101.0
NEIC 14 02:05:11.2,2.2, 14:180S:07:167.4E:0.1,h150km,7km,
mb4.2/18,Error ellipse: s-maj=21.5km s-min=9.5km
az=96.0

ISC 14 02:05:10.5,0.5,14.73S:06:167.4E:0.1,h150km,n60,
a=106/68,mb4.2/21,Vanuatu Islands

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

ISC 14 02:05:31.9, 1.1, 61.45N:59.51W, h0km, mb3.4/6,
mb1 3.8/9, mb1mx3.5/50, mbtmp3.6/9, ML3.6/3, Error
ellipse: s-maj=24.4km s-min=13.6km az=122.0
OTT 14 02:05:32.9,0.3,61.47N:59.42W,h18km,ML3.6/9,
LAlbertaRADOR Sea Seismic Zone. 293km east from
Resolution Island, Nu
DNK 14 02:05:34.5, 1.1, 61.48N:59.05W, h20km, 01km, ML2.8,
Hypocentre not reviewed by the ISC
ISC 14 02:05:30.8,0.6,61.40N:0.05:59.45W:0.06,h10km,n25,
a=308/38,mb3.3/6,Davis Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Continuation of seismic station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including NARSARSUAQ, Kangerlussuaq, etc.

IDC 14 02:08:22.4,2.6, 18.8S:01:176.12E:0.07,h10km,1km,
mb5.0/10.9, Error ellipse: s-maj=19.9km s-min=8.8km
az=153.0

MOS 14 02:08:23.6, 1.1, 18.77S:175.87E, h19km, mb5.0/21, Error
ellipse: s-maj=13.3km s-min=11.7km az=110.6

GCMT 14 02:08:27.4,0.2, 18.81S:01:176.12E:0.01,h13km,
M175.2/27, Moment Tensor Solution 375,0107,
s=0.07; Duration: 0. Moment tensor: Scale 10^16Nm;
Mw=2.88; 10; Mw=0.32; 31; Best double couple:
Mo=7.270000x10^16 NPT=196.000000, 642.000000,
lambda=103.000000. NP2=34.000000, 649.000000,
lambda=78.000000. Principal axes: T 7.3160, Pg3.0000,
Azmi 116.0000; N -0.0820, Plg9.0000; nsta1 refers to body
waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=10s. Triangular moment-rate function

ISC 14 02:08:25.1,0.3, 18.83S:01:176.17E:0.005,h30km,n385,
a=111/350,mb5.0/83,MS4.2/31,39C-18D,Fiji Islands
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including NONSAVU, MONT DZUMAC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Continuation of seismic station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including PPT2, PPT, TOOLANGI, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like GYA, MAW, WDC, ORV, ISB, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like SONM, IMW, WALA, PDAR, GYA, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like ELND, WRAC, ELL, SIRR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SERG Gergoula, TRIF Trizonia, ERFP Epialio, etc.

IDC 14 02:27:57.51.1, 41.87N; 124.02E, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.5/40, mbtmp3.6/7, ML2.3/2, Error ellipse: s-maj=21.4km s-min=18.9km az=11.0

ISC 14 02:27:58.6.0, 41.75N; 109.024; 124.1E: 0.1, h10km, n8, c076/9, mb3.7/6, Northeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, KSRS 0.2nm, 0.3s, bsz=151, slow=13, SNR=2.2, etc.

TRN 14 02:28:55.9, 103.6N; 62.49W, h5km, MD3.5, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUVI Guirira, TRN Trinidad (W), TRN Oritupano, etc.

IDC 14 02:42:01.6, 1.2, 5.81S; 148.69E, h118km, 11km, mb4.0/15, mb1 4.2/20, mb1mx4.1/36, mbtmp4.5/20, Error ellipse: s-maj=15.2km s-min=3.2km az=108.0

NEIC 14 02:42:02.0, 1.9, 5.78S; 0.07; 148.68E; 0.09, h124km, 5km, mb4.6/30, Error ellipse: s-maj=13.3km s-min=9.5km az=121.0

ISC 14 02:42:00.0, 0.4, 5.75S; 105.148; 60E; 0.07, h100km, n66, c0152/11, mb4.6/30, New Britain region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA Kunurra, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR 2.0nm, 0.8s, bsz=70, slow=22, SNR=14, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Dzumac, SOEI Soe, ARMA Armadale, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, CAN Canberra, FORST Forrest, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TOO Toolangi, PAA00 Pilbara Seismi, TAU Tasmania Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LTZ Lake Taylor, BFZ Birch Farm, MSWZ Moikau Station, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, KSRS 2.6nm, 0.7s, bsz=153, slow=8.1, SNR=25, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, SONM Songoing Array, SONM 2.1nm, 0.7s, bsz=147, slow=3.0, SNR=4.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VONDA Vanda, WMQ Urumqi, WMQ comp=2.1nm, 0.7s, bsz=174, slow=9.9, SNR=5.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, KSH Kashi, KSH 80.40 312 eP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKES Yellowknife Ar, BDFB Brasilia, BDFB Brasilia, etc.

IDC 14 02:42:20.1, 3.3, 12.07S; 162.65E, h0km, mb4.0/4, mb1 4.1/5, mb1mx3.8/36, mbtmp4.1/5, ML4.4/1, MS3.6/1, Ms1 3.5/1, ms1mx2.7/27, Error ellipse: s-maj=82.2km s-min=43.8km az=110.0, Bougainville-Solomon Islands region

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

NEIC 14 02:56:12.1, 2.2, 60.97N; 0.02; 147.09W; 0.04, h27km, 9km, Error ellipse: s-maj=3.2km s-min=2.2km az=142.0

AEIC 14 02:56:12.6, 1.8, 60.94N; 0.04; 147.11W; 0.07, h15km, 2km, ML2.9/1.0, Error ellipse: s-maj=6.0km s-min=4.6km az=208.0, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLI Glacier Island, JPK Jack Peak, JPD Port Fidalgo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GOAT Goat Mountain, RC01 Rabbit Creek A, RAGM Ragged Mountai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MID Middleton Isla, SLKM Slick Lake, GLB Gilahina Butte, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WLB Wataes Lake, BERG Berg Lake, VRED Verde Repeater, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DHO Denali Highway, WAT2 Watusita Watana, BRSE Bradley Lake S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAX Paxson, BRKL Bradley Lake, PTPK Patty Peak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSO Redoubt South, CTGM Chitina Glacie, RED Redoubt Volcan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WUH Wood River Hill, BPWV Bear Paw Mtn, CCB Clear Creek Bu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHUM Lake Minchumini, IL31 Ilar, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COLA College, PENI Peninsula, MDM Murphy Dome, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YUKA Talbot Arr, POKR Poker Plat Res, KLDK Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUI 14 03:10:02.8, 0.0, 36.37N; 83.33E, h8km, ML3.9/9, Ms3.5/3, etc.

ISC 14 03:10:03.5, 3.0, 36.64N; 83.49E, h0km, mb3.4/2, mb1 3.6/7, mb1mx3.3/51, mbtmp3.5/7, ML3.2/5, Error ellipse: s-maj=53.1km s-min=42.3km az=85.0

NINC 14 03:10:08.7, 2.1, 36.58N; 83.49E, h0km, mb4.1, mpv4.0, ITTOI Tokina, Error ellipse: s-maj=24.6km s-min=16.2km az=73.0

ISC 14 03:10:07.2, 1.9, 36.7N; 0.1; 83.51E; 0.09, h10km, n13, c2870/18, 4C-3D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSH Kashi, KSH Kashi, KSH comp=N, 220nm, 0.6s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSH Kashi, KSH comp=E, 260nm, 0.6s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PDGK Podgorovye, PDGK comp=E, 6.8nm, 0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMQ Urumqi, WMQ comp=E, 32nm, 0.6s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TKM2 Tokmak 2, TKM2 comp=E, 1.1nm, 0.8s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK comp=E, 0.2nm, 0.3s, bsz=217, slow=17, SNR=2.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAK1 Makanchi Array, MK31 comp=E, 0.9nm, 0.4s, bsz=179, slow=12, SNR=5.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MKAR comp=E, 0.9nm, 0.3s, bsz=186, slow=12, SNR=3.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arr, KURBB comp=E, 0.0nm, 0.3s, bsz=169, slow=12, SNR=4.4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Ben, BVAR Borovoye Array, YKES Yellowknife Ar, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 14d 3h range.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 2014 APR range.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations in the 1026 range.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like M50A Fremont, M51A Elyria, SSPA Standing Stone, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like J56A Wolcott, J56A Wolcott, K59A Cedarstown, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like MONP2 Monument Peak, LCMT Little Creek M, O16A Cedar Valley, etc.

14d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like FLWY Flagg Ranch, ELK Elko, MATO Matagami, etc.

1034 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

1034

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like DAVOX Davos/Dischmat, GRF Grafenberg AR, MOX Moxa, etc.

Table with columns: WRA, KMI, HYB, FITZ, CHTO, LUWI, CMAR. Includes station names like Warramunga Arr, Kunning, and various technical parameters.

THE 14 05:08:18.1, 37.83N; 19.89E, h18km, 8km, ML3.0/5, Error ellipse: s-maj=9.3km s-min=1.0km az=253.0

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kipouria, Chiavrita, Lixouri, Argostoli, etc.

IDC 14 05:10:43.8, 2.2, 11.58Sx162.63E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.5/47, mbtmp3.6/5, ML3.0/1, Error ellipse: s-maj=54.8km s-min=37.0km az=92.0

Table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mont Dzumac, Warramunga Arr, etc.

IDC 14 05:17:29.0, 5.0, 11.44Sx162.66E, h0km, mb4.4/20, mb1 4.4/22, mb1mx3.4/46, mbtmp4.3/22, ML4.2/2, MS3.5/3, Ms1 3.5/3, ms1mx3.0/40, Error ellipse: s-maj=21.5km s-min=15.3km az=91.0

NEIC 14 05:17:30.9, 1.1, 41.99Sx0.09:162.7E:0.1, h10km, 1km, mb4.7/46, Error ellipse: s-maj=20.7km s-min=10.3km az=44.0

IDC 14 05:17:30.8, 0.4, 11.46Sx162.73E:0.08, h10km, n97, 0.85/89, mb4.6/41, 1D, Bougainville-Solomon Islands

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Honiara, Mont Dzumac, Port Moresby, etc.

IDC 14 05:17:30.8, 0.4, 11.46Sx162.73E:0.08, h10km, n97, 0.85/89, mb4.6/41, 1D, Bougainville-Solomon Islands

IDC 14 05:17:30.8, 0.4, 11.46Sx162.73E:0.08, h10km, n97, 0.85/89, mb4.6/41, 1D, Bougainville-Solomon Islands

IDC 14 05:17:30.8, 0.4, 11.46Sx162.73E:0.08, h10km, n97, 0.85/89, mb4.6/41, 1D, Bougainville-Solomon Islands

Table for Bougainville-Solomon Islands region. Columns: MKAR, MKAR, KURK, KURK, KURB, KURB, YKA, YKA, ROSC, ROSC, AKASG, AKASG, SDV, SDV, KEST, KEST, KEST, KEST, ESDC, ESDC. Includes station names like Makanchi Array, Kurchatov, Kurchatov Arra, etc.

IDC 14 05:18:31.6, 0.9, 53.28N; 166.82W, h0km, mb3.8/17, mb1 3.9/19, mb1mx3.8/84, mbtmp3.8/19, ML3.0/2, Error ellipse: s-maj=26.9km s-min=14.1km az=178.0

AEIC 14 05:18:36.4, 2.4, 53.13N; 166.06:166.68W:0.06, h23km, 4km, ML3.7/36, mb4.1/22(NEIC), Error ellipse: s-maj=9.2km s-min=4.1km az=152.0

NEIC 05:18:37.9, 1.8, 53.20N; 166.77W:0.07, h47km, 7km, Error Ellipse: s-maj=7.4km s-min=0.8km az=121.0

IDC 14 05:18:37.7, 1.1, 53.19N; 166.08:166.73W:0.05, h46km, n105, 0.1935/107, mb4.0/25, Fox Islands

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Makushin Rep't, Unalaska Vale, Makushin Natee, etc.

X60A	Albert Glenn T	55.44	353	P	P	06 05 52.3	+0.4
X59A	McDuffie Farm,	55.51	352	P	P	06 05 52.7	+0.3
X58A	Rowland	55.59	351	P	P	06 05 53.3	+0.3
X57A	Johnson Farm,	55.61	351	P	P	06 05 53.2	+0.1
Z50A	Ashland	55.62	345	P	P	06 05 52.8	-0.4
LRAL	Lakeview Retre	55.69	343	P	P	06 05 53.1	-0.6
Y52A	Lilburn	55.77	347	P	P	06 05 53.8	-0.5
X56A	White Oak	55.79	350	P	P	06 05 54.6	+0.2
BIRD	Birtown, Kers	55.85	350	P	I	06 05 55.5	+0.6
BIRD	comp=Z,27nm,1.0s			I	Amb	06 05 56.3	
X55A	Gracelyn & Ava	55.87	349	P	P	06 05 54.8	-0.2
W60A	Pink Hill	55.88	353	P	P	06 05 55.7	+0.7
146A	Union	55.90	341	I	Amb	06 06 07.1	
HKT	Hockley	55.91	334	I	P	06 05 58.1	+2.9
HKT	comp=Z,34nm,1.7s			I	P		
W61A	Ground Anchor	55.92	354	P	P	06 05 55.7	+0.4
VBMS	Vicksburg	55.97	340	P	P	06 05 55.4	-0.3
W58A	Raeford	56.03	352	P	P	06 05 56.5	+0.4
W59A	Clinton	56.08	352	P	P	06 05 56.7	+0.3
CNNO	Ciffs of the	56.08	353	P	P	06 05 57.0	+0.5
X54A	Belton	56.09	348	P	P	06 05 56.5	0.0
833A	Chapparral WMA,	56.11	329	P	P	06 05 56.8	0.0
W57A	Gilead	56.27	351	P	P	06 05 57.6	-0.3
W56A	Indian Trail	56.35	350	P	P	06 05 58.4	+0.1
KMSC	Kings Mountain	56.48	350	P	P	06 05 59.6	+0.2
KMSC	Kings Mountain	56.48	350	I	Amb	06 06 00.7	
V61A	Roper	56.49	354	P	P	06 05 59.7	+0.4
V60A	Jim Taylor Roa	56.53	354	P	P	06 06 00.2	+0.6
W54A	Cherokee Point	56.57	349	P	P	06 06 00.5	+0.5
V59A	Middlesex	56.64	353	P	P	06 06 00.9	+0.5
V58A	Windy Hill, Pi	56.78	352	P	P	06 06 01.6	+0.2
V57A	Coltrane Farms	56.96	351	P	P	06 06 02.8	+0.1
V56A	Mocksville	56.99	350	P	P	06 06 03.4	+0.4
U61A	Possum Corner	57.01	354	P	P	06 06 03.6	+0.6
NATX	Nacogdoches	57.03	336	P	P	06 06 04.0	+0.7
X48A	Hartselle	57.04	344	I	Amb	06 06 14.6	
V55A	Taylorsville	57.15	350	P	P	06 06 04.4	+0.3
U59A	Littleton	57.17	353	P	P	06 06 04.5	+0.3
U59A	Littleton	57.17	353	I	Amb	06 06 06.0	
V54A	Nebro	57.20	349	P	P	06 06 04.5	+0.1
U60A	Pendleton	57.22	354	P	P	06 06 04.8	+0.3
U58A	Oxford	57.30	352	P	P	06 06 05.4	+0.3
W50A	Signal Mountai	57.33	346	P	P	06 06 05.2	-0.3
435B	Jarrell	57.37	332	P	P	06 06 06.0	+0.2
CPCT	Cooper Cave	57.39	347	I	Amb	06 06 17.3	
TKL	Tuckaleechee C	57.44	347	I	Amb	06 06 06.8	
U57A	Blanch	57.44	352	P	P	06 06 06.3	+0.3
SWET	Sewanee	57.49	345	I	Amb	06 06 17.2	
U56A	King	57.50	351	P	P	06 06 06.9	+0.4
U56A	King	57.50	351	I	Amb	06 06 08.4	
V52A	Sevierville	57.58	348	I	Amb	06 06 07.9	
Z41A	Richard Creek	57.69	338	P	P	06 06 08.7	+0.8
V51A	Loudon	57.70	347	I	Amb	06 06 08.7	
T59A	Double Star	57.76	353	P	P	06 06 08.8	+0.5
U55A	TA2, Sparta	57.76	350	P	P	06 06 08.8	+0.3
PLAL	Pickwick Lake	57.82	343	P	P	06 06 07.6	-1.2
T60A	Surry	57.84	354	P	P	06 06 09.2	+0.4
T58A	Grand View Acr	57.84	353	P	P	06 06 09.4	+0.6
U54A	Nelsons Funny	57.91	349	P	P	06 06 09.5	0.0
U54A	Nelsons Funny	57.91	349	I	Amb	06 06 10.6	
T57A	Hurt	57.98	352	P	P	06 06 10.1	+0.2
T57A	Hurt	57.98	352	I	Amb	06 06 11.6	
JCT	Junction City	58.11	330	P	P	06 06 11.1	+0.1
T56A	Rocky Mt	58.12	351	P	P	06 06 11.5	+0.6
W48A	White Oak Lake	58.19	338	P	P	06 06 11.8	+0.4
V48A	Smith Brothers	58.21	345	I	Amb	06 06 22.9	
S61A	Accomac	58.29	355	P	P	06 06 12.7	+0.7
T55A	Pulaski	58.32	351	P	P	06 06 12.8	+0.5
BLA	Blacksburg	58.36	351	P	P	06 06 12.9	+0.4
WHTX	Lake Whitney,	58.36	333	P	P	06 06 12.9	+0.2
WHTX	Lake Whitney,	58.36	333	I	Amb	06 06 11.8	-0.9
T54A	Tazewell	58.39	350	P	P	06 06 12.8	0.0
S60A	Water View	58.39	354	P	P	06 06 13.2	+0.5
CLTN	Cedars of Leba	58.42	345	P	P	06 06 12.4	-0.6
CLTN	comp=Z,26nm,1.1s			I	Amb	06 06 24.3	
S58A	Poland Farm, P	58.44	353	P	P	06 06 13.5	+0.4
T53A	Wise	58.48	349	P	P	06 06 13.2	-0.3
Z38A	Mt. Pleasant	58.49	336	I	Amb	06 06 26.4	
S59A	Mechanicsville	58.51	354	P	P	06 06 13.9	+0.4
T52A	Hallie	58.69	348	P	P	06 06 14.4	-0.4
S56A	Natural Bridge	58.69	352	P	P	06 06 14.6	-0.3
U49A	Red Boiling Sp	58.70	346	I	Amb	06 06 34.5	
S57A	Dark Hollow, R	58.70	352	P	P	06 06 15.3	+0.4
S57A	Dark Hollow, R	58.70	352	I	Amb	06 06 16.8	
T51A	Gray	58.73	348	P	P	06 06 14.9	-0.3
R58B	Mineral	58.77	353	P	P	06 06 16.2	+0.8
X40A	Basin Creek Fa	58.82	339	P	P	06 06 15.7	-0.1

WVT	Waverly	58.83	344	P	P	06 06 14.7	-1.1
WVT	comp=Z,22nm,1.1s			P	pmax		
WVT	Waverly	58.83	344	P	P	06 06 14.8	-1.1
WVT	Waverly	58.83	344	P	P	06 06 14.7	-1.1
WVT	comp=Z,22nm,1.1s			I	Amb	06 06 26.1	
UALR	University of	58.91	339	P	I	06 06 15.7	-0.8
UALR	comp=Z,23nm,0.9s			I	Amb	06 06 28.3	
S55A	Lewisburg	58.92	351	P	P	06 06 17.0	+0.5
R59A	King George, V	58.93	354	P	P	06 06 17.1	+0.6
LPIG	La Paz	58.95	317	LR	LR	06 06 16.0	
CBN	Corbin Frederi	58.96	354	P	P	06 06 16.9	+0.3
CBN	Corbin Frederi	58.96	354	P	P	06 06 16.8	+0.2
CBN	comp=Z,34nm,1.1s			I	Amb	06 06 18.5	
T50A	Nancy	58.97	347	P	P	06 06 16.2	-0.6
TXAR	Lajitas Array	59.07	326	P	P	06 06 18.0	+0.3
TXAR	comp=Z,260nm,20.3s,ba			I	LR	06 28 57.4	
TXAR	Lajitas Array	59.07	326	P	P	06 06 17.2	-0.6
TXAR	Lajitas Array	59.07	326	P	P	06 06 17.2	-0.6
TX31	Lajitas Ar. Si	59.07	326	I	Amb	06 06 29.5	
TX31	comp=Z,31nm,1.1s			I	Amb	06 06 29.5	
TX32	Lajitas Array	59.07	326	P	P	06 06 17.1	-0.6
S54A	Dingess, Beckl	59.07	350	P	P	06 06 17.6	0.0
S54A	Dingess, Beckl	59.07	350	P	P	06 06 17.2	-0.3
S54A	Dingess, Beckl	59.07	350	I	Amb	06 06 18.7	
S53A	Williamson	59.09	349	P	P	06 06 17.3	-0.3
R58A	Rapidan	59.12	353	P	P	06 06 18.6	+0.8
MIAR	Mount Ida	59.13	338	P	P	06 06 17.6	-0.4
MIAR	comp=Z,37nm,1.0s			P	pmax		
MIAR	Mount Ida	59.13	338	P	P	06 06 18.0	+0.1
MIAR	Mount Ida	59.13	338	P	P	06 06 17.6	-0.4
R57A	Stanardsville	59.17	353	P	P	06 06 19.1	+1.0
T49A	Edmonton	59.21	346	P	P	06 06 17.9	-0.5
W41B	Gary Mavity, V	59.25	339	P	P	06 06 18.6	-0.2
S52A	Salyersville	59.26	349	P	P	06 06 18.2	-0.6
S51A	Beattyville	59.32	348	P	P	06 06 18.9	-0.3
R55A	Marlinton	59.36	351	P	P	06 06 20.4	+0.8
R55A	Marlinton	59.36	351	P	P	06 06 20.3	+0.8
R55A	Marlinton	59.36	351	I	Amb	06 06 38.1	
WHAR	Woolly Hollow	59.37	339	P	P	06 06 19.1	-0.5
WHAR	comp=Z,19nm,1.0s			I	Amb	06 06 30.8	
R54A	Victor	59.39	351	P	P	06 06 19.9	+0.1
T47A	Sharon Grove	59.46	345	P	P	06 06 19.4	-0.9
S50A	Richmond	59.52	347	P	P	06 06 20.2	-0.4
Q59A	Harwood	59.54	355	P	P	06 06 21.4	+0.8
Q60A	Greensboro	59.61	355	P	P	06 06 21.9	+0.8
R53A	Hurricane	59.69	350	P	P	06 06 21.5	-0.3
Q58A	Fox Den Farm,	59.72	354	P	P	06 06 22.4	+0.5
LCAR	Lake Charles	59.72	341	P	P	06 06 21.3	-0.7
W39A	Magazine	59.79	338	P	P	06 06 22.9	+0.4
W39A	Magazine	59.79	338	P	P	06 06 22.9	+0.4
W39A	Magazine	59.79	338	I	Amb	06 06 35.1	
S49A	Springfield	59.80	347	P	P	06 06 21.9	-0.7
X37A	Clayton	59.82	336	P	P	06 06 22.4	-0.3
R52A	Catlettsburg	59.82	349	P	P	06 06 22.0	-0.6
ABTX	Ablene, Hawle	59.85	332	P	P	06 06 23.3	+0.3
ABTX	Ablene, Hawle	59.85	332	P	P	06 06 22.1	-0.9
ABTX	Ablene, Hawle	59.85	332	I	Amb	06 06 34.5	
FCAR	Ozark Folk Cen	59.86	340	P	P	06 06 22.4	-0.6
FCAR	comp=Z,15nm,1.0s			I	Amb	06 06 33.8	
Q57A	Strasburg	59.89	353	P	P	06 06 24.3	+1.2
T45A	Paoli	59.89	343	P	P	06 06 22.5	-0.6
R51A	Hillsboro	59.95	348	P	P	06 06 23.1	-0.4
Q56A	Snyder Ridge,	59.99	352	P	P	06 06 25.1	+1.3
Q55A	Bueannon	60.06	352	P	P	06 06 24.8	+0.5
R50A	Paris	60.08	348	P	P	06 06 23.7	-0.7
Q53A	Leroy	60.14	350	P	P	06 06 24.8	-0.1
Q54A	Coxs Mills	60.16	351	P	P	06 06 24.8	-0.1
PBMO	Poplar Bluff	60.16	342	I	Amb	06 06 35.8	
P58A	Pink, Wackersv	60.22	354	P	P	06 06 25.5	+0.2
P59A	Jarrettsville	60.26	355	P	P	06 06 26.4	+0.8
R49A	Shelbyville	60.27	347	P	P	06 06 24.3	-1.4
P57A	Homestead Farm	60.29	353	P	P	06 06 26.9	+1.1
Q52A	Bidwell	60.36	350	P	P	06 06 26.2	-0.1
P56A	Dayton Farm, R	60.40	353	P	P	06 06 27.7	+1.1
P60A	Greenville	60.40	356	P	P	06 06 27.0	+0.4
P60A	Greenville	60.40	356	I	Amb	06 06 28.2	
WCI	Wyandotte Cave	60.45	346	P	P	06 06 26.0	-1.0
WCI	comp=Z,20nm,1.0s			P	pmax		
WCI	Wyandotte Cave	60.45	346	P	P	06 06 26.0	-1.0
WCI	Wyandotte Cave	60.45	346	P	P	06 06 26.0	-1.0
WCI	Wyandotte Cave	60.45	346	I	Amb	06 06 37.4	
PSUB	Penn St. - Bra	60.50	356	I	Amb	06 06 37.3	
U40A	Yellville	60.53	340	P	P	06 06 27.4	-0.2
U40A	Yellville	60.53	340	P	P	06 06 27.3	-0.2
U40A	Yellville	60.53	340	I	Amb	06 06 39.2	
P55A	Georgetown						

14d 5h

N47A	Urban	62.86	347	P	P	06 06 43.9 +0.8
L56A	Greenwood	62.87	354	P	P	06 06 43.9 +0.6
L56A	Greenwood	62.87	354	P	P	06 06 41.9 -1.3
L61B	Northampton	62.89	358	P	P	06 06 43.6 +0.3
HSIG		62.89	320	P	P	06 06 42.2 -1.4
HRV	Adam Dzewiosk	62.92	359	P	P	06 06 42.3 -1.2
HRV	Adam Dzewiosk	62.92	359	P	P	06 06 44.2 +0.7
HRV	Adam Dzewiosk	62.92	359	P	P	06 06 42.3 -1.2
L53A	Girard	62.99	352	P	P	06 06 44.0 0.0
L55A	Hinsdale	63.00	354	P	P	06 06 44.7 +0.5
K62A	Royalston	63.09	359	P	P	06 06 45.6 +0.9
K60A	Five Rivers En	63.10	357	P	P	06 06 45.6 +0.9
K63A	Dunstable	63.10	359	P	P	06 06 45.4 +0.7
M49A	Liberty Center	63.10	349	P	P	06 06 44.4 -0.3
ERPA	Erie	63.12	352	P	P	06 06 45.1 +0.3
K61A	Williamstown	63.12	358	P	P	06 06 45.7 +0.8
L54A	Sinclairville	63.15	353	P	P	06 06 45.6 +0.5
P40A	Paris	63.19	342	I	Amb	06 06 59.8
K59A	Cooperstown	63.30	357	P	P	06 06 46.9 +0.8
M47A	Cromwell	63.31	347	P	P	06 06 45.5 -0.6
K58A	Earlville	63.34	356	P	P	06 06 47.1 +0.7
G57A	Scipio Center	63.37	355	P	P	06 06 46.6 +0.1
K56A	Middlesex	63.41	355	P	P	06 06 46.9 +0.1
K54A	Basiliko Farm,	63.45	353	P	P	06 06 47.4 +0.3
L50A	Kingsville	63.46	350	P	P	06 06 46.3 -0.8
MMNY	Mt. Morris Dam	63.49	354	P	P	06 06 47.4 +0.1
K55A	Perry	63.51	354	P	P	06 06 47.6 +0.2
SNA4	Sanae	63.54	161	P	P	06 06 48.9 +1.4
SNA4	Sanae	63.54	161	P	P	06 06 48.4 +0.9
SNA4	Sanae	63.54	161	P	P	06 06 47.5 +0.1
L48A	N Adams	63.64	349	P	P	06 06 47.8 -0.6
J62A	Henniker	63.64	359	P	P	06 06 49.1 +0.8
319A	Douglas	63.68	323	P	P	06 06 48.8 -0.2
J60A	Lant Hill Farm	63.70	358	P	P	06 06 49.9 +1.3
121A	Cookes Peak, D	63.76	325	P	P	06 06 47.9 -1.6
J61A	Chester	63.78	358	P	P	06 06 50.4 +1.3
ACCN	Adirondack Com	63.85	358	I	Amb	06 06 52.0
K52A	Tilsonburg	63.87	352	P	P	06 06 49.8 +0.1
J58A	Remsen	63.91	356	P	P	06 06 50.7 +0.6
J56A	Wolcott	63.94	355	P	P	06 06 50.4 +0.1
J56A	Wolcott	63.94	355	I	Amb	06 06 51.4
J59A	Piesco	63.97	357	P	P	06 06 51.2 +0.7
J57A	Williamstown	64.01	356	P	P	06 06 51.1 +0.4
J57A	Williamstown	64.01	356	I	Amb	06 06 52.2
J55A	Hilton	64.01	354	P	P	06 06 50.6 -0.1
J55A	Hilton	64.01	354	P	P	06 06 50.8 0.0
J55A	Hilton	64.01	354	I	Amb	06 06 52.1
J54A	Appleton	64.10	354	P	P	06 06 50.7 -0.6
K50A	Casco	64.14	350	P	P	06 06 50.5 -1.1
I58A	Old Forge	64.22	357	P	P	06 06 52.6 +0.4
I59A	Olmsteadville	64.27	357	P	P	06 06 53.0 +0.6
KSU1	Kansas State U	64.28	338	P	P	06 06 52.2 -0.4
I62A	Tamworth	64.29	359	P	P	06 06 53.1 +0.6
J52A	Paris	64.29	352	P	P	06 06 52.3 -0.2
I60A	Shoreham	64.30	358	P	P	06 06 53.5 +0.9
I61A	Oroboro, Fairl	64.36	359	P	P	06 06 54.2 +1.3
K48A	Perry	64.42	349	P	P	06 06 53.2 -0.2
K47A	Vermontville	64.45	348	P	P	06 06 54.5 +0.9
R32A	Long Quarter,	64.46	336	P	P	06 06 52.3 -1.5
I63A	Otisfield	64.46	0	P	P	06 06 54.5 +0.8
NCB	Newcomb	64.46	357	P	P	06 06 52.9 -0.8
I57A	Carthage	64.51	356	P	P	06 06 54.4 +0.4
PECO	Prince Edward	64.60	355	I	Amb	06 06 56.1
LBNH	Lisbon	64.66	359	P	P	06 06 55.8 +0.8
LBNH	Lisbon	64.66	359	I	Amb	06 06 57.5
J49A	Mariette	64.79	350	P	P	06 06 55.1 -0.8
J48A	Bridge Port	64.84	349	P	P	06 06 55.6 -0.5
J48A	Bridge Port	64.84	349	P	P	06 06 55.1 -1.0
H58A	Gabrie	64.91	357	P	P	06 06 57.2 +0.6
I51A	Listowel	64.91	352	P	P	06 06 56.4 -0.2
I55A	Frankfort	64.94	354	P	P	06 06 57.0 +0.2
H61A	Lyndonville	64.95	359	P	P	06 06 58.0 +1.1
ANMO	Albuquerque	64.97	328	eP	P	06 06 58.2 +0.8
ANMO	Albuquerque	64.97	328	P	P	06 06 57.3 -0.1
ANMO	Albuquerque	64.97	328	P	P	06 06 57.9 +0.5
J47A	Summer	64.97	349	P	P	06 06 56.5 -0.4
H62A	Milan	64.98	360	P	P	06 06 56.6 -0.5
H60A	Morristown	65.00	358	P	P	06 06 58.2 +1.0
H57A	Richville	65.02	356	P	P	06 06 57.6 +0.3
H64A	Troy	65.06	1	P	P	06 06 58.5 +0.9
H63A	New Sharon	65.07	0	P	P	06 06 59.0 +1.4
H59A	Cadyville	65.11	358	P	P	06 06 58.7 +0.8
LONV	Lake Ozonia	65.13	357	P	P	06 06 58.7 +0.7
LONV	Lake Ozonia	65.13	357	I	Amb	06 06 59.2
CBK5	Cedar Bluff	65.19	335	P	P	06 06 58.9 +0.3

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H56A	Elgin	65.20	356	P	P	06 06 58.8 +0.4
TUC	Tucson	65.23	323	P	P	06 06 58.5 -0.5
TUC	Tucson	65.23	323	P	P	06 06 58.5 -0.5
H55A	Two	65.23	355	P	P	06 06 59.0 +0.3
H66A	Whiting	65.27	3	P	P	06 06 58.7 -0.2
FRNY	Flat Rock	65.30	358	P	P	06 06 58.3 -0.8
I49A	Point Hope	65.31	350	P	P	06 06 58.8 -0.4
H53A	Bolcaygeon	65.38	354	P	P	06 06 59.6 -0.1
G60A	Masonville	65.52	359	P	P	06 06 01.8 +1.2
G59A	Clarencville	65.53	358	P	P	06 07 00.8 +0.3
H52A	Wyevale	65.59	353	P	P	06 07 00.7 -0.3
G62A	West of Eustis	65.63	0	P	P	06 07 02.6 +1.4
G62A	West of Eustis	65.63	0	P	P	06 07 02.0 +0.7
G57A	Newington	65.63	357	P	P	06 07 01.7 +0.5
G58A	Ormslow	65.63	357	P	P	06 07 01.5 +0.3
SAD0	Sadowa	65.64	353	I	Amb	06 07 02.2
I48A	Sherman Twp	65.69	350	P	P	06 07 01.6 -0.1
G61A	St-Isidore-de-	65.70	359	P	P	06 07 02.9 +1.3
PLVO	Plevna	65.71	355	I	Amb	06 07 02.6
G55A	Calabogie	65.89	355	P	P	06 07 03.2 +0.3
G57A	Haliburton	65.93	354	P	P	06 07 03.3 +0.1
G54A	Lake Saint Pet	66.15	354	P	P	06 07 04.7 +0.1
H47A	Mio	66.18	349	P	P	06 07 03.9 -0.9
H46A	File Lake	66.30	349	P	P	06 07 04.4 -1.2
F60A	Warwick	66.39	359	P	P	06 07 06.3 +0.3
X18A	Snowflake	66.44	325	P	P	06 07 05.8 -1.1
F55A	Otter Lake	66.44	356	P	P	06 07 06.2 -0.2
GLMI	Graying	66.47	349	P	P	06 07 05.0 -1.7
F52A	Sundridge	66.67	353	P	P	06 07 07.8 -0.3
ALGO	Algonquin Park	66.70	354	P	P	06 07 07.8 -0.3
TRQ	Mont Tremblant	66.72	357	P	P	06 07 06.6 -1.7
SDCO	Great Sand Dun	66.76	330	I	Amb	06 07 08.5 -0.5
W18A	Petrified Fore	66.78	326	P	P	06 07 09.3 +0.2
E60A	St Agathe de	66.78	359	P	P	06 07 09.2 +0.6
E58A	La Victoria	66.82	358	P	P	06 07 09.4 +0.6
E61A	Lac Etchemin	66.84	0	P	P	06 07 10.0 +1.0
F51A	Arnstein	66.87	353	P	P	06 07 08.7 -0.4
E57A	Stem Saint G	66.89	357	P	P	06 07 09.8 +0.4
E56A	St. Veronique	66.97	357	P	P	06 07 10.5 0.0
E52A	Mattawa	67.09	354	P	P	06 07 10.4 -0.1
E53A	Dumoine, Ponti	67.09	355	P	P	06 07 10.5 0.0
E54A	Lac Duplat, Po	67.10	355	P	P	06 07 10.7 +0.1
F48A	Evansville	67.12	351	P	P	06 07 10.3 -0.5
X16A	Lo Mia Camp, P	67.17	324	I	Amb	06 07 24.8
I13A	Mohawk Valley,	67.27	321	P	P	06 07 10.1 -1.9
D60A	Saint Jean D'O	67.32	360	P	P	06 07 12.4 +0.4
E51A	G110 Merrick	67.42	353	P	P	06 07 12.7 0.0
D59A	Saint-Raymond	67.42	359	P	P	06 07 13.5 +0.8
D63A	Stockholm	67.49	2	P	P	06 07 13.0 -0.1
D57A	Chemin Vers le	67.49	358	P	P	06 07 13.7 +0.6
D62A	Allapoint, All	67.51	1	P	P	06 07 13.8 +0.7
D62A	Allapoint, All	67.51	1	P	P	06 07 12.0 -1.1
D58A	Chemin du LacG	67.53	358	P	P	06 07 14.0 +0.7
D56A	ZEC Mazanza, M	67.56	357	P	P	06 07 13.7 +0.2
D55A	Sainte-Anne-du	67.57	356	P	P	06 07 13.8 +0.2
Y14A	Wickenburg	67.68	323	P	P	06 07 14.4 -0.2
E48A	Lockeyer	67.70	351	P	P	06 07 14.0 -0.4
D54A	Lac Fusel, La	67.78	356	P	P	06 07 14.5 -0.4
D53A	Lac Vachiv, Po	67.79	355	P	P	06 07 15.0 0.0
D53A	Lac Vachiv, Po	67.79	355	I	Amb	06 07 16.2
LATQ	La Tuque	67.82	358	P	P	06 07 14.5 -0.6
U47A	Iron Bridge	67.83	351	P	P	06 07 14.6 -0.6
E74Z	Wupatki	67.95	325	I	Amb	06 07 29.7
D51A	Lot 18 Range I	67.95	354	P	P	06 07 15.9 -0.1
D50A	C1974 Best Tow	68.08	353	P	P	06 07 16.7 -0.1
NVL	N'lazarevsky	68.13	159	iP	P	06 07 17.9 +1.0
D48A	Paudash Townsh	68.33	352	P	P	06 07 18.1 -0.3
D46A	Sault St. Mari	68.38	350	P	P	06 07 17.9 -0.8
D47A	Chateau	68.39	351	P	P	06 07 17.8 -1.0
Y12C	Blythe	68.42	322	I	Amb	06 07 32.6
ECSD	EROS Data Cent	68.42	340	P	P	06 07 19.0 -0.1
ECSD	EROS Data Cent	68.42	340	I	Amb	06 07 30.5
ISCO	Idaho Springs	68.48	332	P	P	06 07 19.1 -0.8
ISCO	Idaho Springs	68.48	332	P	P	06 07 21.0 +1.1
ISCO	Idaho Springs	68.48	332	I	Amb	06 07 19.1 -0.8
PV01	Paradox Valley	68.53	329			

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like 1H7A Grant Village, RLMT Red Lodge, RLMT Red Lodge, LAO LASA Array, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PCAB Cabril, MVO Moncorvo, BOSA Boshof, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TKM2 Tokmak 2, KZA Kyzart, ULHL Ulahol, etc.

INET 14 05:59:25.1, 12'26N-86'33W, h6km, ML3.5, Nicaragua

INET 14 06:05:24.2, 12'21N-86'37W, h11km, ML3.5, Nicaragua

INET 14 06:12:31.1, 12'22N-86'36W, h6km, ML4.0

INET 14 06:12:32.9, 2.3, 12'24N-0.1:86'29W, h10km, 1km, mb4.3(NEIC)

INET 14 06:12:32.5, 2.7, 12'92N:86'00W, h0km, mb3.6/5, mb1.4/0.8, mb1mx3.8/32, mbtrp3.7/8, ML2.9/3, MS4.0/1, MS4.0/1, ms1mx3.3/30, Error ellips: s-maj=21.1km-s-min=7.4km az=209.0

INET 14 06:12:32.5, 2.7, 12'92N:86'00W, h0km, mb3.6/5, mb1.4/0.8, mb1mx3.8/32, mbtrp3.7/8, ML2.9/3, MS4.0/1, MS4.0/1, ms1mx3.3/30, Error ellips: s-maj=21.1km-s-min=7.4km az=209.0

INET 14 06:12:35.4, 1.0, 12'34N-86'44W, h33km, 999km, ML3.5

INET 14 06:12:31.0-6.0, 12'25N-0.05-86'39W, h10km, m5.2, s=139/61, mb4.1/1, Nicaragua

Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MASN Masaya, CNGN Cerro Negro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACON Acopya, GB1A Borinquen Arri, CNCH Conchagua, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEDE Laguna Cedeo, ARE1 Arenal 1, COEB Comit de Eme, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COEB Comit de Eme, COEG Centro de Oper, COEG Centro de Oper, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LFNS El Faro, SNET Serv Mac Est T, APG El Apazo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APG El Apazo, CMIG Comit, CMIG Matias Romero, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPCT Cooper Cave, CPCT Cooper Cave, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, TX31 Lajitas Ar. Si, TX32 Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U49A Red Boiling Sp, WMOK Wichita Mounta, WMOK Wichita Mounta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like P17A Butcher Ranch, PDAR Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, PDAR Red Top Meadow, SNOW Snow King Mount, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNOW Snow King Mount, PB04 IPOC Station P, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

λ 18.0000°. Principal axes: T 5.9918, Plg34.0000°. Azm137.0000°; N 3.2779, Plg53.0000°, Azm342.0000°; P -9.2697, Plg12.0000°, Azm253.0000°.

NEIC 14 06:29:50.9, 11:25S; 161.75E; h24km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr-0.02; Mss1.16; Mss1.14; Mss2.24; Mss4.91; Mrr-0.97; Fault plane solution: M=5.60000x10^17 NP1:φ=8.07000°, δ=6.75000°, λ=174.47000°. NP2:φ=275.79000°, δ=84.96000°, λ=24.35000°. Principal axes: T 5.3249, Plg13.0000°, Azm324.0000°, N 0.5185, Plg65.0000°, Azm85.0000°, P -5.8434, Plg21.0000°, Azm229.0000°.

GCMT 14 06:29:50.9, 11:25S; 161.75E; h24km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr-0.02; Mss1.16; Mss1.14; Mss2.24; Mss4.91; Mrr-0.97; Fault plane solution: M=5.60000x10^17 NP1:φ=8.07000°, δ=6.75000°, λ=174.47000°. NP2:φ=275.79000°, δ=84.96000°, λ=24.35000°. Principal axes: T 5.3249, Plg13.0000°, Azm324.0000°, N 0.5185, Plg65.0000°, Azm85.0000°, P -5.8434, Plg21.0000°, Azm229.0000°.

ISC 14 06:29:50.9, 11:25S; 161.75E; h24km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr-0.02; Mss1.16; Mss1.14; Mss2.24; Mss4.91; Mrr-0.97; Fault plane solution: M=5.60000x10^17 NP1:φ=8.07000°, δ=6.75000°, λ=174.47000°. NP2:φ=275.79000°, δ=84.96000°, λ=24.35000°. Principal axes: T 5.3249, Plg13.0000°, Azm324.0000°, N 0.5185, Plg65.0000°, Azm85.0000°, P -5.8434, Plg21.0000°, Azm229.0000°.

Principal axes: T 5.7140, Plg34.0000°, Azm134.0000°; N 3.4120, Plg51.0000°, Azm346.0000°; P -9.1230, Plg16.0000°, Azm235.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 14 06:29:50.9, 11:25S; 161.75E; h24km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr-0.02; Mss1.16; Mss1.14; Mss2.24; Mss4.91; Mrr-0.97; Fault plane solution: M=5.60000x10^17 NP1:φ=8.07000°, δ=6.75000°, λ=174.47000°. NP2:φ=275.79000°, δ=84.96000°, λ=24.35000°. Principal axes: T 5.3249, Plg13.0000°, Azm324.0000°, N 0.5185, Plg65.0000°, Azm85.0000°, P -5.8434, Plg21.0000°, Azm229.0000°.

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR comp=Z,14nm,1.1s, baze=68, slow=3.8, SNR=20, ASAR comp=Z,38nm,20.7s, baze=64, slow=34, etc.

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

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Table with columns for flight codes (e.g., NWA0, MUND), destinations (e.g., Narogin, Sundarig), times, and status indicators (e.g., P, S, M, L).

Table with columns for flight codes (e.g., ASAJ, KSRS, KSAR), destinations (e.g., Asahikawa, Korea Arry, Wonju Array), times, and status indicators (e.g., P, S, M, L).

Table with columns for flight codes (e.g., RPSI, RPSI, RPSI), destinations (e.g., Rantau Prapat, Rantau Prapat, Tymovskoe), times, and status indicators (e.g., P, S, M, L).

14d 6h

Table with columns for team names (e.g., HHC, BTO, HIA), scores, and performance metrics. Includes sub-headers like 'comp=Z,2um,13.5s' and 'LR LR'.

2014 APR

Table with columns for team names (e.g., BILL, BILIBINO, SVWZ), scores, and performance metrics. Includes sub-headers like 'comp=Z,60nm,1.7s' and 'eS pmax'.

1044

Table with columns for team names (e.g., COLA, COLA, COLA), scores, and performance metrics. Includes sub-headers like 'baz=229' and 'P pmax'.

CJS	Catalina Islan baz=255	87.73	55	P	P	06 42 36.2	-0.2
VOG	Valley Oaks Go baz=254	87.73	52	P	P	06 42 36.5	+0.3
E03A	Lebam comp=Z,3um,18.0s	87.74	42	IAMS_20	IAMS_20	07 19 14.3	
K04D	Chiloquin, OR baz=253	87.75	46	P	P	06 42 34.0	-2.4
OSI	Osito Audit: C baz=255	87.79	54	P	P	06 42 36.2	-0.5
NLWA	Neilton Lookou comp=Z,3um,18.0s	87.82	41	IAMS_20	IAMS_20	07 17 41.8	
VES	Vestal, Richgr baz=254	87.83	53	P	P	06 42 37.9	+1.1
ARVC	Arvin baz=255	87.84	54	P	P	06 42 38.2	+1.4
RUBR	Rubicon Trail comp=Z,3um,19.0s	87.88	50	IAMS_20	IAMS_20	07 18 57.4	
FMP	Fort Macarthur baz=255	87.90	55	P	P	06 42 37.9	+0.7
F04D	Rainier, OR baz=252	87.96	42	P	P	06 42 38.5	+1.4
BEKR	Diego Garcia comp=Z,4um,20.0s	87.97	49	P	P	06 42 38.4	+0.8
DGAR	Diego Garcia comp=Z,4um,20.0s	87.97	263	IAMS_20	IAMS_20	07 24 08.6	
PASC	Pasadena Art C Isabella, Lake	88.11	55	IAMS_20	IAMS_20	07 13 46.5	
ISA	Isabella, Lake comp=Z,37nm,1.7s	88.26	53	P	P	06 42 38.2	-0.8
ISA	Isabella, Lake baz=255	88.26	53	P	P	06 42 40.8	+1.8
ISA	Isabella, Lake comp=Z,37nm,1.7s	88.26	53	P	P	06 42 38.2	-0.8
WAKR	Walker comp=Z,30nm,1.6s	88.27	50	IAMB	IAMB	06 42 43.3	
WAKR	Walker comp=Z,4um,22.0s			IAMS_20	IAMS_20	07 13 12.7	
PNTR	Pine Nut comp=Z,34nm,1.5s	88.31	50	P	P	06 42 37.7	-1.6
PNTR	Pine Nut comp=Z,34nm,1.5s			IAMS_20	IAMS_20	07 19 29.7	
MDPB	Devils Postpil comp=Z,4um,21.0s	88.31	51	IAMS_20	IAMS_20	07 13 01.8	
J05D	Fort Rock, OR baz=253	88.31	45	P	P	06 42 38.4	+0.7
VCNR	Virginia City comp=Z,3um,19.0s	88.33	50	IAMS_20	IAMS_20	07 19 22.2	
OMMB	Old Mammoth Mi comp=Z,32nm,1.7s	88.37	51	P	P	06 42 38.1	-1.6
OMMB	Old Mammoth Mi comp=Z,32nm,1.7s			IAMS_20	IAMS_20	07 19 07.2	
D03D	Eldon baz=252	88.37	41	P	P	06 42 39.6	+0.6
K05A	Summer Lake E04D	88.39	46	P	P	06 42 38.2	-1.3
E04D	Cinebar baz=252	88.40	42	P	P	06 42 39.7	+0.5
EDW2	Edwards Air Fo baz=255,SNR=5.5	88.44	54	P	P	06 42 42.1	+2.3
D04E	Lakebay baz=252	88.46	41	P	P	06 42 41.2	+1.8
MLAC	Mammoth, Mammo baz=255	88.50	51	P	P	06 42 40.4	+0.2
BFSC	Mount Baldy Ra baz=255,SNR=6.1	88.55	55	P	P	06 42 42.0	+1.6
I05D	Terrebonne, OR baz=253	88.55	44	P	P	06 42 40.7	+0.7
YERR	Yerington comp=Z,45nm,1.9s	88.55	50	IAMB	IAMB	06 43 26.1	
YERR	Yerington comp=Z,3um,19.0s			IAMS_20	IAMS_20	07 19 11.1	
MOD	Modoc Plateau comp=Z,31nm,1.8s	88.58	47	IAMB	IAMB	06 43 45.2	
MOD	Modoc Plateau comp=Z,31nm,1.8s			IAMS_20	IAMS_20	07 17 39.6	
DGZ	Jazzator, Alta comp=Z,7.0nm,1.5s	88.64	321	eP	P	06 42 41.0	+0.5
DGZ	Jazzator, Alta comp=Z,7.0nm,1.5s			pmax	pmax		
PAHR	Pah Rah Range comp=Z,39nm,1.7s	88.64	49	IAMB	IAMB	06 43 38.0	
PAHR	Pah Rah Range comp=Z,39nm,1.7s			IAMS_20	IAMS_20	07 18 39.4	
109C	Camp Elliot, M baz=256	88.66	56	P	P	06 42 41.7	+1.0
109C	Camp Elliot, M comp=Z,5um,22.0s	88.66	56	IAMS_20	IAMS_20	07 12 32.2	
PINE	Pine Mountain CWC	88.67	45	P	P	06 42 39.6	-1.2
PINE	Pine Mountain CWC	88.76	56	P	P	06 42 41.0	-0.2
MURC	Murieta baz=256	88.77	53	P	P	06 42 42.6	+1.1
TIN	Tinemaha, Big tinemaha	88.81	52	P	P	06 42 43.1	+1.5
G05D	Wamic, OR baz=253	88.83	43	P	P	06 42 40.9	-0.5
LRMC	Laurel Mtn Rad baz=255	88.84	54	P	P	06 42 40.8	-0.9
F05D	White Salmon baz=253	88.93	43	P	P	06 42 41.0	-0.7
BAR	Barrett comp=Z,5um,20.0s	88.96	57	IAMS_20	IAMS_20	07 15 16.3	
D05A	Enumclaw Kilari	88.97	41	P	P	06 42 45.6	+3.8
KLRI	Kilari baz=252	88.98	289	eP	P	06 42 42.0	-0.7
A04D	Lummi Island baz=252	88.98	40	P	P	06 42 40.4	-1.4
RYN	Ryan comp=Z,56nm,1.9s	89.00	50	P	P	06 42 41.6	-0.8
RYN	Ryan comp=Z,56nm,1.9s			IAMB	IAMB	06 43 28.1	
RYN	Ryan comp=Z,3um,19.0s			IAMS_20	IAMS_20	07 19 27.9	
NVAR	Mina Array Bea comp=Z,2.7nm,0.8s,baz=236,slow=6.4,SNR=26	89.11	51	P	P	06 42 43.4	+0.3
NVAR	Mina Array Bea comp=Z,2um,18.0s,baz=256,slow=3.4			LR	LR	07 19 38.0	
NVAR	Mina Array Bea comp=Z,2um,18.0s,baz=256,slow=3.4	89.11	51	P	P	06 42 40.7	-2.4
MPBC	Manual Prespec baz=256,SNR=3.1	89.14	53	P	P	06 42 45.6	+2.4
BPMC	Big Bear Solar baz=256	89.15	55	P	P	06 42 43.4	+0.1
MONP2	Monument Peak baz=256,SNR=7.1	89.22	56	P	P	06 42 45.8	+2.1
NV11	Mina Array Sit comp=Z,42nm,1.6s	89.22	51	P	P	06 42 43.0	-0.5
NV11	Mina Array Sit comp=Z,42nm,1.6s			IAMS_20	IAMS_20	07 13 41.9	
B05A	Bryant baz=252	89.23	40	P	P	06 42 42.5	-0.6
RRX	Edison Barstow baz=252	89.23	54	P	P	06 42 42.7	-0.8
G06A	Carlson Farm, Bhopal	89.29	44	P	P	06 42 46.9	+3.4
BHPL	Bhopal comp=Z,309nm,4.1s	89.32	294	eP	P	06 42 46.7	+2.6
BHPL	Bhopal comp=Z,309nm,4.1s			IAMB	IAMB	06 43 02.2	
EPYK	Eagle Plains baz=240	89.34	21	P	P	06 42 41.6	-1.7
EPYK	Eagle Plains comp=Z,4um,22.0s	89.34	21	IAMS_20	IAMS_20	07 15 19.9	
PFO	Pinyon Flats O comp=Z,24nm,1.5s	89.36	56	P	P	06 42 42.2	-2.0
PFO	Pinyon Flats O comp=Z,24nm,1.5s			pmax	pmax		
PFO	Pinyon Flats O baz=256	89.36	56	P	P	06 42 43.0	-1.3
PFO	Pinyon Flats O comp=Z,4um,22.0s	89.36	56	P	P	06 42 42.2	-2.0
PFO	Pinyon Flats O comp=Z,4um,22.0s			IAMS_20	IAMS_20	07 13 15.8	
XPFO	Pion Flat comp=Z,3um,21.0s	89.36	56	P	P	06 42 42.2	-2.0
XPFO	Pion Flat comp=Z,3um,21.0s			IAMS_20	IAMS_20	07 13 59.8	
IKP	In-Ko-Pah, Jac baz=256	89.42	57	P	P	06 42 42.6	-1.8
KVN	Kaiserville comp=Z,28nm,1.4s	89.43	50	P	P	06 42 42.7	-1.8
KVN	Kaiserville comp=Z,28nm,1.4s			pmax	pmax		
KVN	Kaiserville comp=Z,28nm,1.4s	89.43	50	P	P	06 42 42.7	-1.8
KVN	Kaiserville comp=Z,28nm,1.4s			IAMB	IAMB	06 42 48.2	
GRAC	Grapevine Rang baz=256	89.47	52	P	P	06 42 45.5	+1.0
GSC	Goldstone, Bar comp=Z,52nm,1.9s	89.49	54	P	P	06 42 43.3	-1.5
GSC	Goldstone, Bar comp=Z,52nm,1.9s			pmax	pmax		
GSC	Goldstone, Bar baz=256	89.49	54	P	P	06 42 46.2	+1.5

GSC	Goldstone, Bar comp=Z,52nm,1.9s	89.49	54	P	P	06 42 43.2	-1.5
GSC	Goldstone, Bar comp=Z,52nm,1.9s			IAMB	IAMB	06 42 48.6	
B06A	Marblemont comp=Z,4um,20.0s	89.69	40	IAMS_20	IAMS_20	07 16 13.9	
FURC	Furnace Creek, baz=256,SNR=5.6	89.73	53	P	P	06 42 47.8	+2.1
SWSC	Sam W. Stewart baz=256,SNR=5.2	89.74	56	P	P	06 42 48.2	+2.4
I07A	Izee comp=Z,29nm,1.5s	89.74	45	P	P	06 42 45.0	-0.8
I07A	Izee comp=Z,29nm,1.5s			IAMB	IAMB	06 42 48.9	
HEC	Hector Ludlow baz=256,SNR=7.4	89.75	55	P	P	06 42 48.0	+2.0
BELC	Belle Mtn Jos baz=256,SNR=8.7	89.83	55	P	P	06 42 48.6	+2.2
LTY	Liberty comp=Z,38nm,1.8s	89.85	42	P	P	06 42 43.4	-2.7
LTY	Liberty comp=Z,38nm,1.8s			IAMB	IAMB	06 43 05.5	
WVOR	Wild Horse Val comp=Z,4um,19.0s	89.91	47	IAMS_20	IAMS_20	07 20 21.9	
LLBL	Lillooet comp=Z,4um,21.0s	90.08	38	IAMS_20	IAMS_20	07 14 35.3	
BC3	Big Chuckawall baz=257	90.19	56	P	P	06 42 48.3	+0.2
TUQ	Turquoise Moun baz=256	90.22	54	P	P	06 42 49.9	+1.7
J08A	Circle-Bar Ran comp=Z,22nm,1.1s	90.27	46	IAMB	IAMB	06 42 51.3	
J08A	Circle-Bar Ran comp=Z,22nm,1.1s			IAMS_20	IAMS_20	07 19 32.4	
GMRC	Granite Mounta baz=256,SNR=9.7	90.28	55	P	P	06 42 50.8	+2.3
TPNV	Topopah Spring baz=256,SNR=9.7	90.32	52	P	P	06 42 50.9	+2.2
TPNV	Topopah Spring comp=Z,4um,20.0s	90.32	52	IAMS_20	IAMS_20	07 15 01.1	
SYO	Syowa Base G08A	90.44	198	eX	P	06 42 45.0	-3.4
G08A	Pilot Rock comp=Z,39nm,1.8s	90.44	44	IAMB	IAMB	06 43 08.7	
IRM	Iron Mountain baz=257,SNR=9.3	90.55	55	P	P	06 42 51.7	+2.0
GLA	Glamis baz=257	90.56	57	P	P	06 42 52.4	+2.6
GLA	Glamis comp=Z,4um,19.0s	90.56	57	IAMS_20	IAMS_20	07 16 24.5	
Y12C	Blythe baz=257	90.96	56	P	P	06 42 51.9	+0.4
Y12C	Blythe comp=Z,4um,20.0s	90.96	56	IAMS_20	IAMS_20	07 16 40.2	
B08A	Colville Reser comp=Z,3um,19.0s	91.02	41	P	P	06 42 50.2	-1.3
B08A	Colville Reser comp=Z,3um,19.0s			IAMS_20	IAMS_20	07 20 10.0	
MK31	Makanchi Array MK31	91.06	317	P	P	06 42 48.7	-3.0
MK31	Makanchi Array comp=Z,29nm,2.0s			pmax	pmax		
MK31	Makanchi Array MK31	91.06	317	P	P	06 42 48.7	-3.0
MK31	Makanchi Array comp=Z,29nm,1.9s			IAMB	IAMB	06 42 54.4	
MKAR	Makanchi Array comp=Z,0.6nm,0.5s,baz=88,slow=6.6,SNR=13	91.06	317	P	P	06 42 50.3	-1.4
MKAR	Makanchi Array comp=Z,0.6nm,0.5s,baz=88,slow=6.6,SNR=13			LR	LR	07 26 15.9	
MKAR	Makanchi Array comp=Z,1um,18.2s,baz=85,slow=37	91.06	317	P	P	06 42 49.2	-2.6
MKAR	Makanchi Array comp=Z,1um,18.2s,baz=85,slow=37			P	P	06 42 49.1	-2.5
MKAR	Makanchi Array SHRP	91.07	53	P	P	06 42 49.5	-2.6
R11A	Troy Canyon, C baz=257,SNR=17	91.16	51	P	P	06 42 54.8	+2.2
MAKZ	Makanchi comp=Z,34nm,1.7s	91.28	317	P	P	06 42 51.1	-1.6
MAKZ	Makanchi comp=Z,34nm,1.7s			MLR	MLR		
MAKZ	Makanchi comp=Z,2um,21.0s	91.28	317	P	P	06 42 51.1	-1.6
MAKZ	Makanchi comp=Z,2um,21.0s			IAMB	IAMB	06 42 55.2	
I1A3	Mohawk Valley, comp=Z,6um,20.0s	91.37	57	IAMS_20	IAMS_20	07 16 20.0	
INK	Inuvik comp=Z,4um,20.4s,baz=240,slow=33	91.37	20	LR	LR	07 19 40.9	
INK	Inuvik						

14d 7h

DL2	comp=Z,2um,18.6s	LR	LR				
DL2	comp=Z,2um,19.0s	LR	LR				
IPM	62.50 281	P	P	07 51 06.1	-0.6		
IPM	62.50 281	P	P	07 51 08.0	+1.2		
MDJ	62.82 335	IAMS_20	IAMS_20	08 14 32.2			
KULM	63.07 282	P	P	07 51 10.6	0.0		
KULM	63.07 282	P	P	07 51 12.0	+1.4		
SNY	63.46 329	P	P	07 51 27.7	+1.5		
SNY		S	S	07 59 59.3	+1.4		
SNY	comp=Z,11nm,0.4s						
SNY	comp=Z,280nm,4.7s						
SNY	comp=N,4um,21.6s	LR	LR				
SNY	comp=E,3um,23.0s	LR	LR				
SNY	comp=Z,5um,20.9s	LR	LR				
CN2	64.02 331	eP	P	07 51 16.3	0.0		
CN2		eS	S	07 59 50.6	-2.0		
CN2	comp=Z,10.0nm,0.7s						
CN2	comp=Z,100nm,3.0s						
CN2	comp=Z,4um,17.0s	LR	LR				
CN2	comp=Z,4um,17.0s	LR	LR				
CN2	comp=Z,4um,17.0s	LR	LR				
PET	64.08 358	eP	P	07 51 16.9	+0.5		
RPSI	64.09 279	P	P	07 51 16.8	-0.5		
PSI	64.11 279	P	P	07 51 16.8	-0.8		
PSI	comp=Z,37nm,1.2s						
PEA0B	64.20 357	eP	P	07 51 18.7	+1.5		
PEA0B	64.20 357	P	P	07 51 18.1	+0.8		
PETK	64.20 357	P	P	07 51 17.8	+0.6		
PETK	comp=Z,6.4nm,0.8s,baz=175,slow=8.6,SNR=12	LR	LR				
CASY	64.82 200	P	P	07 51 21.5	+0.5		
CASY	comp=Z,1um,21.8s,baz=181,slow=33	IAMB	IAMB				
GSI	65.08 277	P	P	07 51 22.9	-0.9		
GYA	65.41 306	J/P	S	07 51 27.8	+2.0		
GYA		S	S	08 00 10.3	-0.3		
GYA		SS	SS	08 04 27.8	+3.6		
GYA	comp=Z,10.0nm,0.8s						
GYA	comp=Z,80nm,7.3s						
GYA	comp=Z,2um,19.2s	LR	LR				
GYA	comp=Z,1um,20.1s	LR	LR				
GYA	comp=Z,2um,19.9s	LR	LR				
KLR	65.80 339	P	P	07 51 28.2	+0.6		
KLR	comp=Z,2.9nm,0.8s,baz=122,slow=4.0,SNR=6.3	LR	LR				
KLR	comp=Z,2um,20.2s,baz=151,slow=35	LR	LR				
KLR	65.80 339	eP	P	07 51 28.6	+0.9		
PKBT	66.24 294	P	P	07 51 29.8	-1.4		
PKBT	comp=Z,10.0nm,1.3s	IAMB	IAMB				
VNDA	66.25 180	P	P	07 51 31.6	+1.3		
VNDA	comp=Z,4.1nm,0.8s,baz=353,slow=8.1,SNR=14	LR	LR				
VNDA	comp=Z,3um,21.8s,baz=5.5,slow=31	LR	LR				
VNDA	66.25 180	P	P	07 51 30.6	+0.3		
VNDA	comp=Z,38nm,1.6s						
VNDA	66.25 180	P	P	07 51 30.6	+0.3		
VNDA	comp=Z,38nm,1.6s	IAMB	IAMB				
BJI	66.30 323	P	P	07 51 29.3	-1.8		
BJI		S	S	08 00 20.8	+0.1		
BJI		ScS	ScS	08 01 25.8	-1.8		
BJI	comp=Z,6.0nm,0.7s						
BJI	comp=Z,2um,20.6s	LR	LR				
BJI	comp=Z,2um,21.6s	LR	LR				
BJI	comp=Z,2um,34.3s	LR	LR				
XAN	67.48 314	P	P	07 51 33.3	-5.5		
XAN		sp	sp	07 51 43.0	+2.1		
XAN		spP	spP	07 51 48.6	+1.2		
XAN	comp=Z,6.0nm,1.1s						
XAN	comp=N,2um,15.2s	LR	LR				
XAN	comp=E,3um,18.6s	LR	LR				
XAN	comp=Z,3um,23.5s	LR	LR				
XAN	67.48 314	IAMS_20	IAMS_20	08 17 17.2			
XAN	comp=Z,3um,22.0s	LR	LR				
KMI	67.99 303	P	P	07 51 44.9	+2.4		
KMI		S	S	07 51 58.9	+7.9		
KMI		SS	SS	08 00 37.1	-5.1		
KMI		SS	SS	08 01 38.6	-0.7		
KMI		SS	SS	08 05 01.3	-3.4		
KMI	comp=Z,14nm,1.1s						
KMI	comp=Z,250nm,7.3s						
KMI	comp=Z,2um,15.1s	LR	LR				
KMI	comp=Z,1um,21.2s	LR	LR				
KMI	comp=Z,2um,21.7s	LR	LR				
CM31	68.71 295	P	P	07 51 45.5	-1.3		
CM31	comp=Z,18nm,1.2s	IAMB	IAMB				
CMAR	68.71 295	P	P	07 51 47.6	+0.8		
CMAR	comp=Z,2.2nm,0.8s,baz=114,slow=5.0,SNR=20	LR	LR				
CMAR	68.71 295	P	P	07 51 46.6	-0.2		
CMAR	comp=Z,80nm,18.9s,baz=104,slow=37	LR	LR				
CMAR	68.71 295	P	P	07 51 46.6	-0.2		
CMAR	comp=Z,2um,15.1s						
CHTO	68.83 295	P	P	07 51 46.4	-1.2		
CHTO	comp=Z,45nm,2.0s						
CHTO	comp=Z,1um,19.0s	MLR	MLR				
CHTO	68.83 295	P	P	07 51 46.4	-1.2		
CHTO	comp=Z,45nm,1.9s	IAMB	IAMB				
HHC	69.56 321	eP	S	07 51 42.8	-9.0		
HHC		S	S	08 00 50.4	-1.0		
HHC	comp=Z,69nm,5.9s						
HHC	comp=Z,9.0nm,0.6s						
HHC	comp=N,1um,18.6s	LR	LR				
HHC	comp=E,1um,18.1s	LR	LR				
HHC	comp=Z,1um,17.1s	LR	LR				
HIA	70.72 332	eP	P	07 51 59.6	+1.0		
HIA		pmx	pmx				
HIA	70.72 332	P	P	07 51 57.2	-1.4		
HIA	comp=Z,60nm,2.0s	IAMB	IAMB				
HIA	70.72 332	IAMS_20	IAMS_20	08 20 55.2			
ZEA	71.11 339	eP	P	07 52 00.5	-0.3		
ZEA	comp=N,31nm,0.8s						
ZEA	comp=Z,39nm,1.2s						
ZEA	comp=Z,50nm,8.0s						
MA2	71.15 354	eP	P	07 52 00.9	-0.1		

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MA2	comp=Z,10.0nm,0.8s						
MA2	71.15 354	P	P	07 52 01.2	+0.2		
FALS	72.06 20	IAMS_20	IAMS_20	08 17 01.7			
LZH	72.10 314	eP	P	07 52 12.4	+5.0		
LZH		pP	pP	07 52 24.3	-1.5		
LZH	comp=Z,27nm,1.3s						
LZH	comp=Z,98nm,4.7s						
LZH	comp=Z,3um,20.0s						
SDPT	73.48 21	IAMS_20	IAMS_20	08 18 11.3			
SEY	74.32 356	J/P	P	07 52 21.1	+1.4		
CHGN	74.96 22	IAMS_20	IAMS_20	08 18 35.4			
ULN	76.26 326	eP	P	07 52 30.9	-0.6		
ULN	comp=Z,8.0nm,0.6s						
GTA	76.48 315	eP	P	07 52 34.4	+1.5		
GTA	comp=Z,8.0nm,0.9s						
GTA	comp=Z,390nm,8.6s						
GTA	comp=Z,3um,17.2s	LR	LR				
GTA	comp=Z,2um,20.6s	LR	LR				
GTA	comp=Z,3um,22.0s	LR	LR				
SOMM	76.61 325	P	P	07 52 33.7	+0.3		
SOMM	comp=Z,7.9nm,0.8s,baz=144,slow=5.2,SNR=35	LR	LR				
SOMM	76.61 325	P	P	07 52 32.3	-1.1		
SOMM	comp=Z,1um,20.6s,baz=120,slow=35	LR	LR				
SOMM	76.61 325	P	P	07 52 32.3	-1.1		
SOMM	comp=Z,7.0nm,0.9s						
YAK	77.26 345	P	P	07 52 37.1	+0.9		
YAK	comp=Z,26nm,0.8s,baz=95,slow=1.1,SNR=8.1						
YAK	77.26 345	eP	P	07 52 36.8	+0.3		
YAK		eP	P	07 52 46.8	-0.3		
YAK		ePPP	PPP	07 57 14.9			
YAK		eS	S	08 02 25.3	-0.8		
YAK		eSS	SS	08 08 44.8	-4.4		
YAK		e		08 03 08.5			
YAK	comp=Z,33nm,0.8s						
YAK	comp=N,8.0nm,0.9s						
YAK	comp=E,2.0nm,0.7s						
YAK	comp=Z,471nm,5.7s						
YAK	comp=N,291nm,6.4s						
YAK	comp=E,181nm,6.1s						
YAK	comp=N,259nm,4.9s						
YAK	comp=E,72nm,4.4s						
YAK	77.26 345	P	P	07 52 37.1	+0.6		
YAK	comp=Z,3um,22.0s	IAMS_20	IAMS_20	08 23 25.0			
GAMB	77.50 12	P	P	07 52 39.3	+1.4		
GAMB	comp=Z,58nm,1.8s	IAMB	IAMB				
KDAD	78.22 23	LR	LR	08 22 43.4			
KDAD	comp=Z,94nm,19.4s,baz=235,slow=32						
QSPA	78.75 180	P	P	07 52 46.3	+1.2		
BOD	79.13 336	eP	P	07 52 47.5	+0.5		
BOD	comp=Z,11nm,1.8s						
BILL	79.15 2c	P	P	07 52 48.0	+1.1		
BILL		e		07 52 57.8			
BILL		ePPP	PPP	07 56 51.7			
BILL		eS	S	07 57 45.1			
BILL		eS	S	08 03 43.3	+5.7		
BILL	comp=Z,26nm,1.1s						
BILL	comp=Z,2um,19.0s	MLR	MLR				
BILL	79.15 2	P	P	07 52 47.1	+0.2		
BILL	comp=Z,34nm,1.2s	IAMB	IAMB				
SVW2	79.54 20	P	P	07 52 49.9	+0.6		
SVW2	comp=Z,52nm,1.4s	IAMB	IAMB				
ANM	79.56 14	P	P	07 52 49.1	-0.1		
ANM	comp=Z,13nm,1.2s	pmx	pmx				
ANM	79.56 14	P	P	07 52 49.1	-0.1		
ZAK	79.71 326	eP	P	07 52 51.0	+0.5		
ZAK	comp=Z,8.0nm,1.4s						
HOM	79.88 22	IAMS_20	IAMS_20	08 20 01.4			
HOM	comp=Z,3um,22.0s						
CNPM	79.94 22	IAMS_20	IAMS_20	08 21 13.0			
CNPM	comp=Z,3um,21.0s						
TLY	80.21 328	eP	P	07 52 52.3	-0.8		
TLY	comp=Z,16nm,0.9s						
TLY	80.21 328	P	P	07 52 51.9	-1.2		
TLY	comp=Z,2um,14.0s	MLR	MLR				
TLY	comp=Z,3um,20.0s	IAMS_20	IAMS_20	08 25 25.2			
BRLL	80.23 22	IAMS_20	IAMS_20	08 21 21.4			
BRLL	comp=Z,2um,22.0s						
SEW	81.00 22	IAMS_20	IAMS_20	08 21 56.0			
SEW	comp=Z,3um,22.0s						
PMR	82.11 21	IAMS_20	IAMS_20	08 22 57.3			
PMR	comp=Z,2um,20.0s						
KNK	82.23 22	IAMS_20	IAMS_20	08 22 25.6			
KNK	comp=Z,3um,22.0s						
GHO	82.30 21	IAMS_20	IAMS_20	08 23 03.4			
GHO	comp=Z,2um,20.0s						
HIN	82.31 23	IAMS_20	IAMS_20	08 23 35.7			
HIN	comp=Z,3um,21.0s						
SML	82.53 21	IAMS_20	IAMS_20	08 22 36.6			
SML	comp=Z,3um,22.0s						
EYAK	82.69 23	IAMS_20	IAMS_20	08 22 19.9			
EYAK	comp=Z,3um,21.0s						
KTH	82.83 19	IAMS_20	IAMS_20	08 25 16.1			
KTH	comp=Z						

Table with columns: WAKR Walker, WAKR, WAKR, WAKR, PNTR Pine Nut, J05D Fort Rock, OR, VCNTR Virginia City, OMMB Old Mammoth, OMMB, D03D Eldon, K05A Summer Lake, K05A, EDW2 Edwards Air Fo, BFSC Mount Baldy Ra, I05D Terrellonne, OR, YERR Yerington, MOD Modoc Plateau, PAHR Pah Range, PAHR, DGZ Jazzator, Alt, DGZ, 109C Camp Elliot, M, PINE Pine Mountain, MURC Murrieta, CWC Cottonwood Cre, BAR Barrett, RYN Ryan, RYN, NVAR Mina Array Bea, NVAR, NVAR Mina Array Bea, MPMC Manual Prospec, MONP2 Monument Peak, NV11 Mina Array Sit, NV11, EPYK Eagle Plains, EPYK Eagle Plains, PFO Pinyon Flats O, PFO, PFO Pinyon Flats O, XPRO Pion Flat, IKP In-Ko-Pah, Jac, KVN Kaiserville, KVN, KVN Kaiserville, GRAC Grapevine Rang, B06A Marblemount, FURC Furnace Creek, SWSC Sam W. Stewart, I07A Izeze, HEC Hector Ludlow, BELC Belle Mtn. Jos, WVOR Wild Horse Val, WVOR, WVOR Wild Horse Val, J08A Circle Bar Ran, J08A, GMRC Granite Mounta, TPNV Topopah Spring, TPNV, TPNV Topopah Spring, G08A Pilot Rock, SYO Syowa Base, SYO Syowa Base, GYA Glamis, Y12C Blythe, B08A Colville Reser, B08A, SHPR Sheep Range, MK31 Makanchi Array, MKAR Makanchi Array, MKAR, MKAR Makanchi Array, R11A Troy Canyon, C, R11A, R11A, 113A Mohawk Valley, INK Inuvik, INK Inuvik, PDMCI Parker Dam, Lak, BMO Blue Mountains, BMO, BMO Blue Mountains, ZAAO Zalesovo Array

Table with columns: ZALV Zalesovo Beam, SRIG Santa Rosalia, W13A Beach Ranch, E, F10A Beach Ranch, E, 214A Organ Pipe Nat, MFID Camas Ranch, MFID, Y14A Newburg, CCUT, NEW Newburg, NEW, NEW Newport, PSUT Pine Spring, LCMT Little Creek M, CCUT Cedar City, HSG HSG, HSG, U15A North Rim, U15A, X16A Lo Mia Camp, P, MTPU Mount Pierson, TUC Tucson, KASH, KSH, KSH, KSH, KSH, KURK Kurchatov, KURK, BOOM Boomsokoye usch, WALA Waterton Lakes, 318A Douglas, X18A Snowflake, HWUT Hardware Ranch, C36M Paulatuk, C36M Paulatuk, C36M, NRK Noril'sk, NRK Noril'sk, W18A Petrified Fore, AHID Auburn Hatcher, A36M Sachs Harbour, FRU1 Bishkek, AAK Ala-Archa, FXWY Fox Creek, TPWY Teton Pass, REDW Red Top Meadow, IMW Indian Meadow, SNOW Snow King Moun, FLWY Flagg Ranch, H17A Grant Village, LKWY Lake, 121A Cooke Peak, D, BW06 Boulder Array, SNA4 Sanaa, YKA Yellowknife Ar, O20A White River Ci, EGMT Egleton, EGMT, HPIG, Y22D IRIS PASSCAL I, VNA3 Neumayer-Olump, VNA2 Neumayer-Watz, ANMO Albuquerque, ANMO, ANMO Albuquerque, RWVY Rawlins, TXAR Lajitas Array, TXAR, PHWY Pilot Hill, ZAIK Zacatecas, BRVK Borovoye, MSTX Muleshoe, RSSD Black Hills, DGMT Dagmar, TLLG Tlapa, FFC Flin Flon, JCTA Junction City, U32A Winter Ranch, MDND Maddock, HRA Herat, RES Long Quarter, RES Resolute Bay, 735A Kennedy, SUSD Miller, WHTX Lake Whitney, MSEY Mahe Island, OKCFA Oklahoma City

Table with columns: Z35A Perchaven, San, D32A Dogwood Acres, T35A Sooner Cattle, ECSD EROS Data Cent, HKT Hockley, F33A 5 Mile Ranch, 237A Washburn, ULM Lac du Bonnet, TUL1 Leonard, AGMN Agassiz Nation, X37A Clayton, Z38A Mt. Pleasant, U38A Gravelte, HHAR Hobbs, W39A Magazine, I37A Lennox Wassera, S39A Bolivar, SCIA, WLAR White Oak Lake, SPMM Marine on St., UOSS Minazif, K38A Parkersburg, X40A Basin Creek Fa, U40A Yellville, ABPO Ambhipancom, WHAR Woolly Hollow, R40A Maddies Statio, EYMN Ely, FCAR Ozark Folk Cen, 318A The Farm, Brul, CCAR Cane Creek, 143A Soes Landing, CCM Cathedral Cave, LCAR Lake Charles, T42A Van Buren, I40A Norway, JFWF Jewell Farm, KBS Kingsbay, SNET Serv Est T, VBMS Vicksburg, PBMO Poplar Bluff, SLM Saint Louis, LPAR Lepard, GNAR Gosnell, COWI Cony, PEBM Pemiscott Bayo, PVMO Portageville, PENMO Penman, D41A Chassel, I42A Draeger Farm, HENM Henderson Moun, LNXT Lone Tree Farm, Y45A Yeager Farm, C, HALT Halls, GLAT Glass, Q44A Meyer Farm, Va, W45A Hickory Valley, K43A Burlington, T45A Paducah, H43A Windswept, Lux, E43H Lone Tree Farm, TGUH Tegucigalpa, U, PLAL Pickwick Lake, WVT Waverly, USIN University of, PEL Peledue, E44A Grand Marais A, J45A Montague, T47A Sharon Grove, H45A Fountain, X48A Hartselle, BRAL Brewton, V48A Smith Brothers, WCI Winterdotte, CLTN Cedars of Leba, Y49A Blount Mountai, 250A Grady, SWET Sewanee, U49A Red Bird Sp, J47A Sumner, Z50A Ashland, T49A Edmonton, FPAL Fort Payne, R49A Shelbyville

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like W50A Signal Mountai, Z51A Franklin, J48A Gridge Fort, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like GRG Griva, GRG Griva, GRG comp=E,2422j,0.1s, etc.

VIE 10 07:44:46.8:0.5, 48.81N:16.14E, h0km, mb1.1/3, ml1.4/3, Error ellipse: s-maj=13.0km s-min=2.5km az=114.0 14 km ENE of Retz Suspected Missing explosion, Austria

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like KRUC Moravsky, KRUC Moravsky, VRAC Vranov, etc.

NEIC 10 07:47:32.7:1.8, 4.04N:0.09:31.8W:0.1, h10km, 1km, mb5.2/179, Ms 20.5/2279, Mw=4.4(GCMT), Error ellipse: s-maj=20.3km s-min=14.1km az=121.0

MOS 14 07:47:35.6:1.2, 4.33N:32.61W, h10km, mb5.2/35, MS5.0/6, Error ellipse: s-maj=10.4km s-min=8.6km az=57.8

IDC 14 07:47:36.0:0.5, 4.67N:32.71W, h0km, mb4.2/32, mb1 4.3/33, mb1mx4.2/63, mbmp4.2/33, ML4.0/1, Ms1 4.9/14, ms1mx4.7/35, Error ellipse: s-maj=16.1km s-min=11.1km az=150.0

BUI 14 07:47:36.0:0.0, 4.00N:31.60W, h5km, Ms5.4/2, Ms7.5/2/2 BGR 14 07:47:37.5:0.0, 3.70N:32.08W, h10km, mb5.1

GCMT 14 07:47:39.7:0.2, 4.73N:0.01:32.62W:0.01, h12km, MW5.4/42, Moment Tensor Solution: s=85.0, t13; N1: M=1.45t; O2: M=0.15t; O3: M=1.30t; O2: M=0.26t; O3: M=0.19t; O2: M=0.32t; O7: Best double couple: M1.4450000*10^17 NP1.341.00000*10^4000000, lambda-106.000000, NP2.181.00000*10^551.000000, lambda-77.000000. Principal axes: T 1.00000, Plg6.00000, Azm262.00000; N 0.1740, Plg14.00000, Azm353.00000; P -1.5310, Plg78.00000, Azm144.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 10 07:47:42.4:72N:32.68W, h12km, Moment Tensor Solution: Moment tensor: Scale 10^17Nm, M1=1.21, M2=0.08, M3=1.13; M1:0.14; M2:0.07; M3:0.07; Fault plane solution: M1.20000*10^17 NP1.183.00000, s50.00000, lambda-82.00000. NP2.350.00000, s40.00000, lambda-100.00000. Principal axes: T 1.1543, Plg5.00000, Azm267.00000; N 0.0911, Plg6.00000, Azm357.00000; P -1.2454, Plg82.00000, Azm138.00000.

ISC 14 07:47:37.0:3.4, 4.94N:0.06:32.64W:0.07, h11km, n496, c1847/325, mb5.1/130, MS5.2/144, 18C-20D, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like RCBR Riachuelo, RCBR Riachuelo, RCBR Riachuelo, etc.

H10N2 ASCENSION HYDR21.86 124 T T 08 15 25.7

H10N1 ASCENSION HYDR21.86 124 T T 08 15 27.2

H10S3 ASCENSION HYDR22.35 127 T T 08 16 00.5

H10S2 ASCENSION HYDR22.37 127 T T 08 16 02.6

JANB Januaria 22.61 211 eP P 07 52 40.4 +1.6

SJBF Sao Joao De Ma 24.54 200 eP P 07 52 57.6 -0.1

SJBS Barra de Sao F 24.55 199 eP P 07 52 56.7 -1.0

BDFB Brasilia 25.14 217 P P 07 53 05.7 +2.5

BDFB Brasilia 25.14 217 P P 07 53 05.1 -0.3

BDFB Brasilia 25.14 217 P P 07 52 59.3 -3.9

BDFB Brasilia 25.14 217 P P 07 52 59.3 -3.9

BDFB Brasilia 25.14 217 P P 07 52 59.3 -3.9

BDFB Brasilia 25.14 217 P P 07 52 59.3 -3.9

BDFB Brasilia 25.14 217 P P 07 52 59.3 -3.9

BDFB Brasilia 25.14 217 P P 07 52 59.3 -3.9

BDFB Brasilia 25.14 217 P P 07 52 59.3 -3.9

BDFB Brasilia 25.14 217 P P 07 52 59.3 -3.9

BDFB Brasilia 25.14 217 P P 07 52 59.3 -3.9

BDFB Brasilia 25.14 217 P P 07 52 59.3 -3.9

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like PTGA Pitanga, H05S1 Guadeloupe/Mar, H05N1 Guadeloupe/Mar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like ANWB Willy Bob, FUL Funchal, PMOZ Porto Moniz, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like SAML Samuel, SAML Samuel, SHEL Hore Pasture, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like CMLA Cha da Macela, SIV San Ignacio, HUMP Col San Antonio, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like SJO San Juan, SJO San Juan, SJO San Juan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like RTC Rabat Center, SDV Santo Domingo, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like MDT Midelt, CPUP Villa Florida, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like BANI BANI, RUSC1 La Rusia, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like LPAZ La Paz, CHIC Chingaza, TAM Tamarrasset, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like NORC Norcasia, ORTC Ortega Tolima, GUY2C Guyana, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like FLOE Florencia, CBQC Ciudad Bolivar, ESCD Sonseca Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like IROC IROC Station P, IROC IROC Station P, IROC IROC Station P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like COI Coimbra, NORC Norcasia, ORTC Ortega Tolima, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, Op, ISC, H, Time, Res. Rows include stations like GUY2C Guyana, HELC Santa Helena, BETC Betania, etc.

14d 8h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like FFC Flin Flon, FFC comp=Z,1um,20.0s, FFC comp=Z,50nm,1.6s, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HWUT Hardware Ranch, QLMT Earthquake Lak, MTPU Mount Pierson, etc.

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

GUC 14 08:02:43.07, 6.19, 92Sx:70:58W, h31km, gkm, ML2.4, 2C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PSIGP Pisagua, IPOC Station P, Minye Minye, etc.

GUC 14 08:03:25.01, 0.9, 20:42S:70:65W, h17km, gkm, ML2.9, 5C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TA01 Diego Aracena, PATCX Punta Patache, PSIGP Pisagua, etc.

IDC 14 08:05:10.7, 1.2, 11:26Sx:161:82E, h0km, mb3.9/9, mb4.1/1.0, mb1mx3.9/36, mbtmp3.9/10, ML3.8/1, Error ellipse: s-maj=31.7km s-min=26.0km az=145.0, NEIC 14 08:05:12.2, 2.9, 11:16S:0:09, 161:8E:0:1, h10km, 1km, mb4.6/9, Error ellipse: s-maj=23.1km s-min=6.0km az=53.0

ISC 14 08:05:12.3, 0.6, 11:16S:0:08, 161:74E:0:10, h10km, n34, c1936/30, mb4.0/13, Bougainville-Solomon Islands region

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

14d 8h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Vanda, Pinlang, Yerington, Mina Array Bea, etc.

IDC 14 08:18:02.0.9, 6.58S:155.21E, h0km, mb3.9/9, mb1.4/2.1, mb1mx3.9/46, mbtmp3.9/11, ML3.8/2, Error ellipse: s-maj=29.8km s-min=21.5km az=120.0

NEIC 14 08:18:08.9.1.6, 6.75S:0.05E:155.1E:0.1, h10km, 1km, mb4.6/3, Error ellipse: s-maj=17.9km s-min=8.3km az=253.0

ISC 14 08:18:09.3.0.6, 5.70S:0.07E:155.20E:0.08, h56km, n63, o1915/59, mb4.4/25, 1.6, Bougainville-Solomon Islands region

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Rabaul, Karavati, Port Moresby, etc.

2014 APR

IDC 14 08:25:38.7.1.1, 11.18S:161.66E, h0km, mb3.8/8, mb1.4/1.9, mb1mx3.8/42, mbtmp3.8/9, ML3.6/1, Error ellipse: s-maj=36.4km s-min=24.5km az=139.0

NEIC 14 08:25:39.6.2.3, 11.27S:0.09E:161.66E:0.09, h10km, 1km, mb4.6/19, Error ellipse: s-maj=17.5km s-min=13.7km az=44.0

ISC 14 08:25:39.5.0.6, 11.26S:0.08E:161.71E:0.09, h10km, n41, o1926/39, mb4.3/18, 1C, Bougainville-Solomon Islands region

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Honiara, Mont Dzumac, etc.

IDC 14 08:27:31.2.1.7, 11.49S:162.56E, h0km, mb3.7/3, mb1.3/0.5, mb1mx3.6/42, mbtmp3.6/5, ML3.8/2, Error ellipse: s-maj=44.5km s-min=33.0km az=73.0

NEIC 14 08:27:31.5.0.6, 11.63S:1.162E:162.0E:0.2, h10km, 2km, mb4.6/3, Error ellipse: s-maj=32.8km s-min=7.9km az=51.0

ISC 14 08:27:32.3.1.0, 11.55S:0.1162E:162.0E:0.2, h10km, n14, o1933/16, mb4.2/6, Bougainville-Solomon Islands region

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Honiara, Mont Dzumac, etc.

IDC 14 08:28:55.1.3.1, 53.54N:87.81E, h0km, mb1.2/9/2, mb1mx2.9/4, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=27.8km s-min=16.2km az=57.0, Southwestern Siberia

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Zalesovo, Kurchatov, etc.

ASRS 14 08:40:36.6, 53.72N:91.03E, M1.8, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 22Apr - CD-ROM, 2012)

1058 az=155.0, Suspected Mining explosion., Southwestern Siberia

Table listing seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Kurchatov, Kurchov Arra, etc.

IDC 14 08:42:57.4.10.0, 12.35S:167.06E, h182km, 93km, mb3.5/1.1, mb1.3/7.1, mb1mx3.4/47, mbtmp4.0/1.1, Error ellipse: s-maj=39.5km s-min=24.1km az=98.0

NEIC 14 08:42:58.6.1.2, 12.40S:0.09E:167.0E:0.1, h195km, 5km, mb4.2/21, Error ellipse: s-maj=23.0km s-min=8.2km az=62.0

ISC 14 08:43:01.3.0.6, 12.45O:1x166.9E:0.1, h220km, n39, o082/41, mb4.1/21, Santa Cruz Islands

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Eidsvold, Kurchatov, etc.

IDC 14 08:46:12.8.2.5, 11.28S:161.84E, h0km, mb3.5/3, mb1.3/7.5, mb1mx3.5/47, mbtmp3.6/5, ML3.5/2, Error ellipse: s-maj=53.8km s-min=27.9km az=67.0, Bougainville-Solomon Islands region

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Honiara, Mont Dzumac, etc.

NEIC 14 08:49:15.9.1.6, 7.5S:0.1x155.6E:0.1, h10km, 1km, mb4.4/5, Error ellipse: s-maj=20.8km s-min=17.4km az=148.0

IDC 14 08:49:15.6.1.8, 7.34S:155.46E, h0km, mb3.7/5, mb1.4/0.5, mb1mx3.6/39, mbtmp3.7/5, MS4.1/1, MS1.4/1.1, ms1mx3.2/29, Error ellipse: s-maj=76.6km s-min=26.1km az=135.0

ISC 14 08:49:19.1.1.1, 7.5S:0.1x155.5E:0.2, h29km, n18, o083/17, mb3.8/8, Bougainville-Solomon Islands region

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Rabaul, Port Moresby, etc.

BUC 14 11:22:33.4.0.3,44.96N-22.45E,h4km,2km,m1.7/5, 14C-14D,Error ellipse: s-maj=2.8km s-min=2.2km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Lists stations like HERR, GZR, MDVR, BNDI, SAUI, etc.

IDC 14 11:27:38.9.6.7,21.80S-170.45E,h118km,40km,mb3.9/7, mb1.4/0.8,mb1mx3.7/28,mbtmp4.3/8,Error ellipse: s-maj=7.1km s-min=4.5km aza=145.0

NEIC 14 11:27:39.8.1.3,21.7S:0.1x170.39E:0.05,h120km,10km, mb4.3/15,Error ellipse: s-maj=18.9km s-min=6.3km

ISC 14 11:27:41.0.0.6,21.7S:0.1x170.36E:0.06,h134km,n30, a=076/32,mb4.1/9,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Lists stations like DZM, BKZ, AFI, CTA, CAN, etc.

ASRS 14 12:01:18.7.0.2,53.1N-2.98E:1.0,h5km,MLh3.8/15, smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelID smi:org.gfz-potsdam.de/geofon/iasp91 confirmed,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Lists stations like ORL, TDJR, KZLR, ARDR, etc.

IDC 14 12:09:33.1.2.8,6.22S:130.13E,h80km,30km,mb3.7/5, mb1.4/1.9,mb1mx3.7/39,mbtmp4.2/9,MS3.3/1,MS1.3/3/1, ms1mx2.5/30,Error ellipse: s-maj=46.0km s-min=17.0km aza=76.0

DJA 14 12:09:34.9.0.5,6.22S:131.1E,h153km,7km,M4.4/9, mb5.0/4,mb4.4/6,MLv4.4/9,MLv4.5/6,Mw(mb)4.3/4

NEIC 14 12:09:35.6.1.6,6.11S:0.05x130.4E:0.1,h113km,11km, mb4.0/10,Error ellipse: s-maj=14.7km s-min=7.5km

ISC 14 12:09:35.9.0.6,6.13S:0.04x130.56E:0.07,h124km,n42, a=21/49,mb3.9/9,Banda Sea

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

JMA 14 12:12:44.9.0.1,24.13N:121.89E,h22km,3km,M2.5

TAP 14 12:12:45.4,24.19N:121.87E,h26km,ML3.3,B

ISC 14 12:12:45.0.1,0.2415N:102.21E:0.02,h17km,8km, n89,a=050/137,5C-5D,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Lists stations like NACB, TWD, TWD, ENA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Lists stations like TWE, ILA, ILA, EGFH, etc.

14d 12h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ELDTW Lidau, WDLH Douliu, STYT Tauyuan, etc.

IDC 14 12:44.3.1.2, 1.36S; 120.53E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/39, mbtmp3.8/5, ML3.9/1, MS2.9/1, Ms1 2.9/1, ms1mx2.4/37, Error ellipse: s-maj=56.5km s-min=20.5km az=72.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TTSI Tana Toraja, AFSI Ampana, MPSI Mapaga, etc.

IDC 14 12:22:44.4.2.0, 2.24N; 127.12E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/37, mbtmp3.6/4, Error ellipse: s-maj=116.9km s-min=24.4km az=69.0, Northern Molucca Sea

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

NCC 14 12:27:58.0.3.7, 37.14N; 71.25E, h0km, mb3.7, mpv3.4, 4C-3D, Error ellipse: s-maj=39.8km s-min=22.0km az=144.0, Afghanistan-Tajikistan border region

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

IDC 14 12:28:39.5.0.9, 20.04S; 70.51W, h0km, mb3.6/5, mb1 4.1/7, mb1mx3.9/29, mbtmp3.9/7, ML4.3/2, MS2.6/1, Ms1 2.7/1, ms1mx2.5/28, Error ellipse: s-maj=33.3km s-min=20.5km az=75.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TA01 Diego Aracena, PSGC Pisagua, PATCX Punta Patache, etc.

2014 APR

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PBO8 IPOC Station P, PBO1 IPOC Station P, PBO1 comp=E, 4um, 0.3s, etc.

1064

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like INK comp=Z, 5.1nm, 1.5s, IAMB IAMB, YKA comp=Z, 0.2nm, 0.7s, baz=267, slow=4.5, SNR=4.2, etc.

1065

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like BBOO Buckleboo, AS31 Alice Springs, ASAR Alice Springs, etc.

IDC 14 13:08:34.6,0.8,11.006S,161.60E,h0km,mb4.1/14, mb1.4,3/17,mb1mx4.2/38,mbtmp4.1/17,ML3.8/3,MS3.5/3, Ms1.3/3,ms1mx2.9/28,Error ellipse: s-maj=21.6km s-min=16.3km az=101.0

NEIC 14 13:08:39.1,1.4,11.110S,0108.161.56E,0.07,h30km,5km, mb4.8/40,Error ellipse: s-maj=11.5km s-min=9.3km az=194.0

ISC 14 13:08:38.9,0.5,11.008S,006.161.63E,0.07,h28km,n74, o=93/72,mb4.7/36,MS3.7/4,1C-1D, Bougainville-Solomon Islands region

Main table for 1065 section, listing various stations and their technical details. Includes stations like HNR Honiara, DZM Mont Dzumac, WRA Warramunga Arr, etc.

2014 APR

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like WMQ Urumqi, WMQ WMQ, WMQ WMQ, etc.

NEIC 14 13:16:38.8,2.0,23.38S,0.09,179.7W,0.1, h521km,8km, mb4.6/43, Error ellipse: s-maj=19.3km s-min=9.2km az=124.0

IDC 14 13:16:40.8,1.7,23.17S,179.80W,h528km,22km,mb4.0/7, s-maj=18.5km s-min=17.7km az=149.0

ISC 14 13:16:39.7,0.5,23.47S,0.06,179.61W,0.08,h536km, n104,1163/2116,mb4.6/27, South Fiji Islands

Main table for 2014 APR section, listing various stations and their technical details. Includes stations like GLKZ Green Lake, MSVF Nonsavu, NIUE Niue, etc.

14d 13h

Main table for 14d 13h section, listing various stations and their technical details. Includes stations like ASAR Alice Springs, ASAR Alice Springs, WRO Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for Chuzmiza, Minye Minye, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for NEIC 14 13:47:23.0, 9.15, 5S:0.1, 172.7W, 0.4, h46km, 29km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CIFT, CIFT, DURS, DURS, DURS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for G002, LPZA, LPZA, LPZA, NNA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for DDA 14 13:55:08.4, 40.70N, 29.98E, h7km, 2km, ML2.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for NEIC 14 14:03:51.3, 1.3, 23.3S:0.1, 178.6W:0.2, h605km, 13km, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details for stations like BOSA, Boshof, MATP, etc.

INET 14 15:54:21.1, 12:24N-86:35W, h7km, ML3.6, Nicaragua

IDC 14 15:55:59.9, 2.1, 8:30S-126:94E, h0km, mb3.5/1, mb1 3.7/3, mb1mx3.3/4, mbtm3.5/3, ML3.3+2, Error ellipse: s-maj=157.4km s-min=33.7km az=62.0, Timor region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like WRA, ASAR, MKAR, etc.

NNC 14 15:59:21.3, 6.0, 37:80N-71:95E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=47.8km s-min=34.9km az=164.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AAK, KK31, TKM2, AB31, etc.

IDC 14 16:02:34.9, 2.6, 7:38S-155:77E, h0km, mb3.4/5, mb1 3.6/5, mb1mx3.4/32, mbtm3.5/5, Error ellipse: s-maj=86.4km s-min=32.7km az=125.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like WRA, ASAR, H11S3, H11S2, CMAR, ILAR, MKAR, etc.

NEIC 14 16:16:21.4, 1.9, 3:93N;0:06:96:80E;0:08, h93km, 5km, mb4.7/46, Error ellipse: s-maj=11.2km s-min=8.0km az=71.0

IDC 14 16:16:21.6, 1.2, 4:08N-96:90E, h89km, 11km, mb3.9/18, mb1 3.9/20, mb1mx3.7/44, mbtm3.4/20, MS2.9/1, s-min=3.1/1, ms1mx2.5/46, Error ellipse: s-maj=21.5km s-min=8.9km az=48.0

KLM 14 16:16:22.0, 3:79N;96:75E, h80km, mb4.5, DJA 14 16:16:23.5, 0.4, 4:2x2.9 7E, h51km, 8km, M4.3/11, MLV4.3/11

IDC 14 16:16:21.0, 2.0, 7:35N;0:04:96:78E;0:04, h91km, 5km, n131, r122/143, mb4.5/47, 1D, Northern Sumatera

Large table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like MLSI, TPTI, LHMI, etc.

Large table with columns: Station Name, Frequency, Power, Mode, and other technical details for stations like JIRN, PKIN, GUN, KKN, LSA, H0S2, H0S3, H0S1, DANN, ENH, XAN, DHRM, NJ2, GTA, FITZ, FAKI, NIL, KNRA, MTN, HHC, BJI, KSH, WMQ, WSAR, AAK, WBO, WRA, WRA, WRAB, WRB, WRK, MKAR, MKAR, MKAR, SONM, SONM, SONM, AS31, ASAR, ASAR, ASAR, KK31, GEYT, GEYT, GYAO, KURBB, KURK, KURK, COEN, COEN, JHJ2, ZAAO, ZAAO, ZALV, ZALV, RAYN, RAYN, BVAR, BRVK, BRVK, STKA, STKA, STKA, ARU, ARU, YAK, YAK, CSS, CSS, BR131, BRTR, BRTR, BRTR, YAK, YAK, CSS, CSS, H01W1

Table with columns: Station Name, Frequency, Power, Mode, and other technical details for stations like MA2, MA2, KLMR, KLMR, AKASG, IDI, BURAR, BUR08, MAW, ITM, BOSA, BOSA, BOSA, FINES, BILL, BILL, ARCES, ARCES, ARCES, AYO, SYO, GERES, CPUP, etc.

IDC 14 16:29:36.0, 1.1, 11:54S;162:53E, h0km, mb4.0/7, mb1 4.1/9, mb1mx3.8/54, mbtm3.4/19, ML4.0/2, MS3.0/3, Ms1 3.0/3, ms1mx2.7/31, Error ellipse: s-maj=28.7km s-min=24.9km az=83.0

NEIC 14 16:29:40.1, 1.1, 11:5S;0:1:162:5E;0:1, h28km, 6km, mb4.4/12, Error ellipse: s-maj=23.5km s-min=3.5km az=51.0

IDC 14 16:29:41.6, 0.7, 11:6S;0:1:162:6E;0:1, h39km, n27, o577/28, mb4.3/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like HNR, HNR, HNR, HNR, DZM, COEN, WR0, WR0, WBO, WRAB, WRA, AS31, ASAR, ASAR, GUMG, JUNU, JKA, ASAJ, CMAR, ULN, SONM, SONM, SVW2, NVAR, NVAR, MK31, MK31, MKAR, KEST, etc.

NEIC 14 16:31:44.2, 0.5, 11:5S;0:2:162:3E;0:2, h5km, 10km, mb4.7/9, Error ellipse: s-maj=29.8km s-min=13.5km az=45.0

IDC 14 16:31:44.2, 0.2, 11:47S;162:19E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.6/53, mbtm3.8/5, Error ellipse: s-maj=41.3km s-min=35.9km az=114.0

IDC 14 16:31:45.4, 1.2, 11:5S;0:2:162:2E;0:2, h10km, n14, o672/15, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like HNR, WBO, WBO, WRA, ASAR, KNRA, MJAR, MAJO, MJB9, MJB9, SONM, SONM, YAK, YAK, YAK, YAK, CSS, CSS, H01W1

IDC 14 16:34:32.6, 1.2, 48:96S;121:44E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/40, mbtm3.3/74, MS3.5/6, Ms1 3.5/6, ms1mx3.3/29, Error ellipse: s-maj=75.8km s-min=25.9km az=99.0

NEIC 14 16:34:35.0, 4.0, 48:86S;0:09:121:5E;0:3, h15km, 5km, mb4.7/6, Error ellipse: s-maj=34.0km s-min=7.1km az=71.0

IDC 14 16:34:35.3, 0.8, 48:9S;0:1:121:7E;0:4, h13km, n20, o811/13, MS3.5/5, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like H01W1

14d 16h

H01W2	Cape Leeuwin H	15.05 335	T	T	16 53 30.6
H01W3	Cape Leeuwin H	15.06 335	T	T	16 53 31.9
NWA0	Narrogin (SRO)	16.28 347	LR	LR	16 43 15.1
STKA	Stephens Creek	22.66 49	LR	LR	16 47 19.7
ASAR	Alice Springs	26.96 25	P	P	16 40 16.6 +0.2
ASAR			PcP	PcP	16 43 38.1 0.0
ASAR			LR	LR	16 49 54.8
ASAR			PcP	PcP	16 43 37.8 -0.3
WRA	Warramunga Arr	30.62 24	P	P	16 40 49.1 +0.1
WB0	Warramunga Arr	30.80 24	P	P	16 40 51.7 +1.1
WB0			IAmb	IAmb	16 41 07.8
FITZ	Fitzroy Crossi	30.87 7	LR	LR	16 52 00.0
VNDA	Vanda	32.55 165	LR	LR	16 52 59.0
VNDA			LR	LR	16 41 05.7 +0.1
MAW	Mawson	34.43 215	LR	LR	16 52 41.7
QSPA	South Pole Qui	41.24 180	P	P	16 42 18.0 -1.7
QSPA	South Pole Qui	41.24 180	P	P	16 42 19.4 -0.3
QSPA			IAmb	IAmb	16 42 30.5
SNAA	Sanae	53.54 199	P	P	16 43 56.5 +1.4
CMAR	Chiang Mai Arr	70.03 337	P	P	16 45 46.0 -0.7
CHTO	Chiang Mai	70.37 337	P	P	16 45 48.5 -0.2
CHTO			IAmb	IAmb	16 45 59.9
YKA	Yellowknife Ar	146.66 45	PKPbc	PKPbc	16 54 15.0 -0.4
RES	Resolute Bay	149.89 18	PKPbc	PKPbc	16 54 23.4 -0.1

JMA 14 16:35:49.3,0.1,24.77N,122.29E,h46km,4,C,M3.0
 TAP 14 16:35:49.1,24.81N,122.22E,h3km,HL3.7,C
 ISC 14 16:35:48.8,1.0,24.81N,0.02,122.33E,0.02,h13km,8km,
 n124,σ19/03/239,Taiwan region

Code	Station Name	Δ° AZ°	Phase	ID	Time h m s	Res ISC
EOS1	EOS1	0.32 214	Op	ISC Pb	16 35 55.9	-0.5
EOS1			eS	Sg	16 36 01.4	+1.7
TWB1	Sanitao Chiao	0.36 302	P	Pg	16 35 55.6	-0.5
TWB1			S	Sg	16 35 60.0	-1.1
NTC	Toucheng	0.45 275	P	Pg	16 35 57.5	-0.2
NTC			eS	Sg	16 36 03.7	-0.1
TWC	Suao	0.48 245	P	Pg	16 35 57.7	-0.5
TWC			eS	Sg	16 36 04.3	-0.3
TIPB	Shuangxi	0.48 289	P	Pg	16 35 58.0	-0.3
TIPB			S	Sb	16 36 05.8	-0.4
ILA	Ilan	0.53 265	eP	Pb	16 35 59.3	-0.7
ILA			eS	Sg	16 36 06.2	0.0
NWF	Wu-fen Shan	0.56 298	P	Pb	16 36 00.6	0.0
NWF			S	Sb	16 36 07.6	-0.9
WFSB	Wu-fen Shan	0.56 298	P	Pb	16 36 00.5	0.0
WFSB			eS	Sb	16 36 07.0	-1.3
TWE	Neicheng	0.61 261	P	Pb	16 35 60.0	-1.3
TWE			eS	Sg	16 36 09.7	+1.0
SLBB	Yuanshan	0.63 265	P	Pb	16 36 01.0	-0.8
SLBB			S	Sg	16 36 10.1	+0.6
ENA	Nanau	0.66 234	P	Pb	16 36 01.5	-0.7
ENA			eS	Sb	16 36 10.6	-0.7
JYNG	Yonagunijimaku	0.67 122	P	Pb	16 36 02.5	+0.1
JYNG			S	Sb	16 36 13.3	+0.4
TWA	Mucha	0.69 284	P	Pb	16 36 02.9	0.0
TWA			eS	Sg	16 36 12.7	+1.2
ENTT	Nioudou	0.71 256	eP	Pb	16 36 02.4	-0.8
ENTT			S	Sg	16 36 12.2	+0.2
YOJ	Yonaguni jima	0.71 119	eP	Pb	16 36 04.2	+1.0
YOJ			eS	Sb	16 36 15.0	+2.0
YOJ			Pb	Pb	16 36 03.2	0.0
YOJ			Sb	Sb	16 36 13.3	+0.4
NHDH	Xindian Distri	0.74 282	P	Pb	16 36 04.0	+0.4
NHDH			S	Sg	16 36 13.8	+0.9
NWLT	Wulai	0.75 267	P	Pb	16 36 03.2	-0.6
NWLT			eS	Sg	16 36 14.1	+0.9
YM01	YM01	0.76 296	P	Pb	16 36 03.8	-0.2
YM01			S	Sb	16 36 14.2	-0.2
TAP1	Taipei	0.76 287	eP	Pb	16 36 04.1	+0.1
TAP1			eS	Sg	16 36 14.5	+0.9
YM11	YM11	0.77 297	P	Pb	16 36 03.8	-0.3
YM11			eS	Sb	16 36 14.2	-0.3
NDT	Datong Townshi	0.77 254	P	Pb	16 36 03.3	-0.8
NDT			eS	Sg	16 36 13.9	+0.1
YM05	YM05	0.77 297	P	Pb	16 36 03.8	-0.4
YM05			S	Sb	16 36 14.1	-0.6
YM10	YM10	0.77 296	P	Pb	16 36 04.0	-0.2
YM10			eS	Sg	16 36 15.1	+1.0
TAP	Taipei	0.78 287	eP	Pb	16 36 03.2	-1.1
TAP			eS	Sb	16 36 14.4	-0.3
TATO	Taipei	0.78 282	eP	Pb	16 36 04.2	0.0
TATO			eS	Sb	16 36 14.1	-0.7
YM04	YM04	0.79 295	P	Pb	16 36 04.1	-0.4
YM04			S	Sb	16 36 14.4	-0.8
YM03	YM03	0.80 297	eP	Pb	16 36 04.1	-0.6
YM03			S	Sb	16 36 14.9	-0.6
ANP	Anpu	0.82 297	eP	Pb	16 36 04.3	-0.7
ANP			eS	Sg	16 36 16.7	+1.2
PCYT	Pengchayiu	0.84 344	eP	Pb	16 36 05.4	0.0
PCYT			eS	Sb	16 36 17.8	+1.1
NTST	Danshui	0.87 294	eP	Pb	16 36 05.6	-0.2

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TWS1	Kuangyinshan	0.87 289	P	Pb	16 36 05.6	-0.3
TWS1			S	Sg	16 36 17.5	+0.4
YHNB	Yeheng	0.88 261	P	Pb	16 36 00.0	-0.9
YHNB			S	Sg	16 36 17.4	+0.1
NSK	Sanguang	0.89 261	P	Pb	16 36 05.0	-1.2
NSK			S	Sg	16 36 18.4	+0.7
NACB	Ninganchiao	0.92 226	P	Pb	16 36 06.3	-0.4
NACB			eS	Sg	16 36 19.1	+0.5
NNSB	Datong	0.94 246	eP	Pb	16 36 06.3	-0.8
NNSB			S	Sg	16 36 19.3	0.0
NNSH	Datong	0.94 246	P	Pb	16 36 06.9	-0.2
NNSH			eS	Sg	16 36 19.3	0.0
NNS	Nan Shan	0.94 247	eP	Pb	16 36 06.5	-0.7
NNS			S	Sb	16 36 19.2	-0.4
WLTB	Daxi	0.98 273	eP	Pb	16 36 07.8	+0.2
WLTB			eS	Sb	16 36 21.3	-0.7
ETLH	Xiulin Townshi	0.98 232	P	Pb	16 36 07.2	-0.6
ETLH			S	Sg	16 36 20.5	0.0
TWD	Chiawan	0.99 222	eP	Pb	16 36 07.4	-0.4
TWD			S	Sg	16 36 20.9	+0.1
NCU	National Centr	1.05 279	eP	Pb	16 36 08.8	-0.1
NCU			eS	Sg	16 36 23.4	+0.7
NCUH	Zhongli	1.05 279	eP	Pb	16 36 09.1	+0.2
NCUH			eS	Sg	16 36 23.3	+0.6
HWA	Hwaiian	1.06 218	eP	Pb	16 36 09.7	+0.3
HWA			eS	Sg	16 36 24.8	+1.7
ENLB	Shouteng	1.12 216	eP	Pb	16 36 10.2	+0.1
ENLB			eS	Sg	16 36 26.5	+1.5
WHF	Hehuan Shan	1.17 236	P	Pb	16 36 10.9	-0.3
WHF			S	Sb	16 36 26.1	-0.4
NHW	Xinwu Township	1.18 280	eP	Pb	16 36 10.9	-0.1
NHW			eS	Sg	16 36 27.2	+0.4
TWT	Tachien	1.19 242	eP	Pb	16 36 11.9	+0.5
TWT			eS	Sg	16 36 27.1	0.0
TDCB	Techi	1.20 243	P	Pb	16 36 11.7	+0.2
TDCB			S	Sb	16 36 27.1	-0.7
LIOB	Emei	1.20 262	P	Pb	16 36 11.5	+0.1
LIOB			eS	Sg	16 36 28.3	+0.6
NSST	Nanjuang	1.22 262	P	Pb	16 36 11.7	+0.1
NSST			S	Sg	16 36 28.2	+0.1
SBCB	Hsinchu	1.22 269	eP	Pb	16 36 11.0	-0.6
SBCB			eS	Sg	16 36 28.9	+0.7
HSN	Hsinchu	1.23 270	eP	Pb	16 36 11.4	-0.4
HSN			eS	Sb	16 36 27.8	-0.5
ESL	Shilin	1.29 219	eP	Pb	16 36 13.2	+0.6
ESL			eS	Sg	16 36 30.0	-0.3
CHGB	Renai	1.29 235	P	Pb	16 36 13.0	+0.2
CHGB			S	Sg	16 36 29.8	-0.3
OWD	Renai	1.35 231	eP	Pb	16 36 14.1	+0.5
OWD			eS	Sg	16 36 32.1	-0.4
IRIF	Iriomote-Funau	1.36 110	P	Pb	16 36 12.2	-1.4
IRIF			Sn	Sb	16 36 29.5	-2.1
WHP	Teichung City	1.36 247	eP	Pb	16 36 14.7	+0.4
WHP			eS	Sg	16 36 32.3	-0.6
EGFH	Guangfu	1.40 216	eP	Pb	16 36 14.9	+0.7
EGFH			eS	Sg	16 36 34.2	+0.1
NMLH	Miaoli	1.42 259	eP	Pb	16 36 15.6	+0.3
NMLH			eS	Sg	16 36 34.7	0.0
NSY	Sanyi	1.48 255	eP	Pb	16 36 16.2	0.0
NSY			eS	Sg	16 36 35.4	-1.0
TWQ1	Liyutan	1.49 252	eP	Pb	16 36 16.2	-0.2
TWQ1			eS	Sg	16 36 35.8	-0.9
DPDB	Guoxing	1.49 239	P	Pb	16 36 15.9	+0.5
DPDB			eS	Sb	16 36 35.5	+0.1
VWDT	VWDT	1.51 226	P	Pb	16 36 16.5	+0.9
VWDT			S	Sb	16 36 36.2	+0.3
PTSB	Yuanli	1.52 256	eP	Pb	16 36 16.7	-0.3
PTSB			eS	Sg	16 36 37.0	-0.8
HATJ	Hateruma jima	1.54 119	P	Pb	16 36 15.3	-0.8
HGSD	Ruisui	1.55 212	eP	Pb	16 36 17.5	0.0
HGSD			eS	Sb	16 36 37.5	+0.4
EHY	Hungye	1.59 215	eP	Pb	16 36 17.3	+0.6
EHY			eS	Sb	16 36 37.9	-0.4
WDJ	Dajia District	1.60 254	eP	Pb	16 36 18.3	-0.1
WDJ			eS	Sb	16 36 38.8	+0.2
SSLB	Suanguang	1.61 231	eP	Pb	16 36 18.3	-0.3
SSLB			eS	Sb	16 36 38.2	-0.7
TYC	Yuch	1.62 236	eP	Pb	16 36 18.3	-0.3
TYC			eS	Sg	16 36 39.2	+0.3
JKRS	Kuro-shima	1.64 110	P	Pb	16 36 16.5	-0.9
JKRS			eS	Sb	16 36 36.7	-1.6
TCU	Taichung	1.64 247	eP	Pb	16 36 18.3	+0.9
TCU			eS	Sb	16 36 39.8	+0.1
YULB	Yulu	1.70 214	eP	Pb	16 36 18.9	+0.7
YULB			eS	Sb	16 36 40.9	-0.4
JJJ	Ishigaki jima	1.71 105	P	Pb	16 36 18.0	-0.4
JJJ</						

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Sheep Creek Mo, Thorofore Moun, Red Dog Mine, Gumba, Paw Paw Mtn, Mawson, etc.

Table with columns: YKA, VNA3, VNA2, BOSA, AKASG, SDP, CVU, KEST, ESDC. Includes station names like Yellowknife Arr, Neumayer Olymp, Neumayer-Watz, Boshaft, Malin Arr, etc.

DDA 14 16:55:37.8, 40.66N-36.88E, h14km, 2km, ML2.0
ISK 14 16:55:38.1, 40.60N-36.87E, h6km, ML2.7/12
ISC 14 16:55:38.0, 9.40E, 2.04, 36.88E, 0.02, h17km, 7km, n21, r1516/32, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Erbaa, Tokat, RSDY, TOKA, SVSK, HIKOY, KIZO, KVT, AMSY, etc.

YARS 14 16:57:58.5, 0.0, 56.70N-124.74E, h10km, mb0.0/18, ML2.0/7, Ms0.0/18, Southeastern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Chul'man, CLNS, IENR, TNDR, YKLR, ALDR, etc.

Table with columns: CLNS, TNDR, TNDR, YKLR, YKLR, YKLR. Includes station names like 202nm, 0.2s, 156nm, 0.2s, etc.

IDC 14 17:00:58.0, 0.7, 10.79S-161.30E, h0km, mb4.3/21, mb1.4, 5.22, mb1mx4.4/34, mbtmp4.3/22, ML3.7/1, MS4.1/11, MS1.4/11, ms1mx3.8/30, Error ellipse: s-maj=19.9km s-min=14.6km az=107.0

NEIC 14 17:00:59.5, 1.6, 10.76S-0.07, 161.44E, 0.07, h10km, 1km, mb4.7/63, Error ellipse: s-maj=16.4km s-min=5.4km az=222.0
GCMT 14 17:01:03.0, 0.3, 10.91S-0.03, 161.34E, 0.03, h20km, 1km, MW4.9/71, Moment Tensor Solution. s21, c22, s71, c93; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.34, 19; Mw=0.96, 12; Mww=1.38, 12; Mw0.96, 23; Mw0.82, 06; Mw=1.93, 22; Best double couple: M3, 06400x1016 NP1: 0.317, 00000; 0.23, 00000; 1.78, 00000; Principal axes: T 3.2400, P16g7.0000; Azm69.0000; N -0.3570; P165.0000; Azm328.0000; P -2.8880, P162.2000; Azm236.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 17:00:59.3, 0.4, 10.74S-0.06, 161.44E, 0.07, h10km, n111, r1513/112, mb4.7/51, MS4.2/9, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Honiara, HNR, HNR, RABL, DZM, DZM, DZM, DZM, DZM, etc.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
ULN	Ulaanbaatar	75.61	326	P	I	17 12 45.4	+0.7
ULN	comp=Z,9.3nm,1.1s				I	17 12 46.5	
SOMN	Songino Array	75.97	325	P	P	17 12 47.4	+0.8
TTA	Tatiana	80.21	13	P	P	17 12 48.4	+0.4
SOMN	Songino Array	75.97	325	P	P	17 12 46.6	0.0
YAK	Yakutsk	76.67	345	P	P	17 12 49.8	-0.2
SHL	Shelton	76.67	300	P	P	17 12 49.3	-1.8
SHL	comp=Z,6.8nm,1.1s				I	17 12 51.7	
KDAK	Kodiak Island	77.91	23	P	P	17 12 58.1	+1.0
KDAK	Kodiak Island	77.91	23	P	P	17 12 57.6	+0.5
BILL	Bilibino	78.65	2	P	P	17 13 01.2	+0.1
SVWZ	Sparrevohn	79.20	20	P	P	17 13 04.9	+0.7
OSP	South Pole Qui	79.26	180	P	P	17 13 05.3	+0.5
OSP	comp=Z,18nm,1.5s				I	17 13 07.7	
TLY	Talaya	79.56	328	P	P	17 13 03.6	-2.8
TTA	Tatiana	80.21	13	P	P	17 13 11.9	+1.1
RDOG	Red Dog Mine	82.61	13	P	P	17 13 22.5	+0.2
RDOG	comp=Z,7.0nm,1.0s				I	17 13 24.3	
RND	Reindeer	83.07	20	P	P	17 13 25.6	+0.8
MCK	McKinley	83.26	20	P	P	17 13 26.2	+0.4
IMAR	Indian Mountain	83.32	17	P	P	17 13 27.1	+0.4
MAW	Mawson	83.40	202	P	P	17 13 27.6	+1.1
MAW	Mawson	83.40	202	P	P	17 13 28.0	+1.5
MLY	Manley	83.55	18	P	P	17 13 28.2	+1.0
MLY	comp=Z,1.1nm,1.4s				I	17 13 29.7	
GLB	Gilahina Butte	83.68	23	P	P	17 13 26.7	-1.3
GLB	comp=Z,6.9nm,0.9s				I	17 13 30.9	
VRDI	Verde Repeater	83.69	24	P	P	17 13 29.5	+1.3
VRDI	comp=Z,9.1nm,1.2s				I	17 13 46.3	
NEA	Nenana	83.77	19	P	P	17 13 28.1	-0.2
NEA	comp=Z,4.9nm,1.0s				I	17 13 29.4	
WRH	Wood River Hill	84.02	20	P	P	17 13 29.8	+0.2
WRH	comp=Z,3.6nm,0.9s				I	17 13 31.2	-0.2
HDA	Harding Lake	84.36	20	P	P	17 13 31.2	-0.2
MENT	Mentasta	84.60	22	P	P	17 13 34.4	+0.7
MENT	comp=Z,4.9nm,1.0s				I	17 13 38.6	
IL31	IL31	84.61	20	P	P	17 13 32.6	0.0
IL31	comp=Z,5.1nm,1.2s				I	17 13 42.3	
ILAR	Eielson Array	84.61	20	P	P	17 13 33.4	+0.7
ILAR	comp=Z,1.6nm,0.8s				I	17 13 32.2	-0.5
WRAC	Beaver Creek A	84.61	20	P	P	17 13 32.1	+0.4
WRAC	Wrangell Island	86.20	31	P	P	17 13 41.0	+0.3
EGAK	Eagle	86.59	21	P	P	17 13 43.8	+1.3
EGAK	comp=Z,3.0nm,0.8s				I	17 13 45.0	
DAWY	Dawson	86.84	22	P	P	17 13 45.4	+1.6
DAWY	comp=Z,7.6nm,1.1s				I	17 13 53.0	+0.2
PINE	Pine Mountain	88.58	45	P	P	17 13 53.0	+0.2
PAHR	Pah Rah Range	88.59	49	P	P	17 13 51.6	-1.3
PAHR	comp=Z,3.0nm,0.8s				I	17 13 57.2	+1.9
NVAR	Mina Array Bea	89.08	51	P	P	17 13 56.0	+0.6
NVAR	Mina Array Bea	89.08	51	P	P	17 13 56.9	+1.1
NV11	NV11	89.08	51	P	P	17 13 58.6	
NV11	comp=Z,9.6nm,1.5s				I	17 13 57.0	+0.2
KVN	Kaiserville	89.39	50	P	P	17 13 57.0	+0.2
KVN	comp=Z,7.2nm,1.5s				I	17 13 58.6	+0.7
LTJ	Liberty	89.72	42	P	P	17 13 59.6	
LTJ	comp=Z,7.7nm,1.4s				I	17 13 59.6	
WVOR	Wild Horse Val	89.84	47	P	P	17 13 59.3	+0.7
WVOR	comp=Z,8.1nm,1.2s				I	17 14 01.6	
J08A	Circle Bar Ran	90.19	46	P	P	17 14 01.1	+0.8
J08A	comp=Z,5.3nm,1.0s				I	17 14 02.9	
TPNV	Topopah Spring	90.32	53	P	P	17 14 02.8	+1.7
TPNV	comp=Z,5.3nm,0.8s				I	17 14 03.6	
MK31	Makanchi Array	90.42	318	P	P	17 13 59.6	-1.6
MKAR	Makanchi Array	90.42	318	P	P	17 14 00.6	-0.5
MKAR	comp=Z,1.2nm,0.7s				I	17 13 59.8	-1.3
ZALV	Zalesovo Beam	90.42	318	P	P	17 14 01.1	-1.8
ZALV	comp=Z,0.7nm,0.7s				I	17 14 01.4	-1.5
ZALV	Zalesovo Beam	90.86	325	P	P	17 14 01.4	-1.5
SHPR	Sheep Range	91.07	53	P	P	17 14 06.5	+2.0
SHPR	comp=Z,3.6nm,0.8s				I	17 14 07.5	
R11A	Troy Canyon, C	91.14	51	P	P	17 14 06.2	+1.3
ELK	Elko	91.92	49	P	P	17 14 10.1	+1.6
C36M	Pautaluk	94.58	20	P	P	17 14 19.7	-0.1
C36M	comp=Z,3.0nm,0.9s				I	17 14 23.4	
FXWY	Fox Creek	95.55	47	P	P	17 14 23.1	-2.0
PDAR	Pinedale Array	96.47	48	P	P	17 14 30.1	+0.8
PDAR	comp=Z,0.5nm,0.7s				I	17 55 34.6	
PDAR	comp=Z,5.6nm,1.8s				I	17 55 34.6	
YKA	Yellowknife Arr	96.66	28	P	P	17 14 29.3	-0.1
YKA	comp=Z,0.9nm,0.9s				I	17 14 35.4	-0.1
VNA3	Neumayer Olymp	97.98	163	P	P	17 14 35.4	-0.1
TXAR	Lajitas Array	99.41	62	P	P	17 55 11.9	
TXAR	comp=Z,108nm,18.2s				I	17 55 11.9	

17 14 17:22:44.1-9.3, 11'69S:162'73E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.5/28, mbtmp3.6/4, Error ellipse: s-maj=271.7km s-min=41.6km az=122.0, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
HNR	Honiara	3.40	308	Pn	Pn	17 12 48.4	+0.7
WRA	Warrunguna Arr	28.45	249	P	P	17 24 30.0	+0.2
ASAR	Alice Springs	29.85	242	P	P	17 24 42.2	-0.5
MKAR	Makanchi Array	91.83	317	P	P	17 31 43.4	-0.1

17 14 17:25:34.1-2.8, 11'48S:162'65E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.5/28, mbtmp3.7/4, ML3.5/2, Error ellipse: s-maj=58.3km s-min=34.3km az=66.0, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
HNR	Honiara	3.40	307	Pn	Pn	17 26 28.8	+1.1
DZM	Mont Dzumac	11.74	156	Pn	Pn	17 28 15.6	+0.7
WRA	Warrunguna Arr	28.48	249	P	P	17 31 31.0	-0.3
ASAR	Alice Springs	29.85	242	P	P	17 31 43.8	0.0

MKAR Makanchi Array 91.77 317 P P 17 38 43.5 -0.4
 0.4nm,0.7s,baz=87,slow=5.8,SNR=5.1

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
SIJI	Sorong	6.97	26	Pn	Pn	17 34 02.8	-0.4
WRA	Warrunguna Arr	13.98	156	Pn	Pn	17 35 37.8	-1.6
WRA	comp=Z,0.3nm,0.3s				I	17 38 01.3	-1.4
ASAR	Alice Springs	29.85	242	P	P	17 36 23.6	-0.4
ASAR	comp=Z,0.3nm,0.3s				I	17 39 26.4	-8.7
MKAR	Makanchi Array	67.45	328	P	P	17 43 17.6	+0.1

17 14 17:37:57.8-0.9, 11'01S:161'80E, h0km, mb3.9/10, mb1 4.1/13, mb1mx4.0/43, mbtmp4.0/13, ML4.0/3, MS3.7/13, Ms1 3.7/13, ms1mx3.5/26, Error ellipse: s-maj=24.7km s-min=21.2km az=107.0, NEIC 14 17:38:00.7-1.2, 11'05S:161'50E, h10km, mb3.9/10, mb4.8/10, Error ellipse: s-maj=27.6km s-min=12.3km az=230.0

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
HNR	Honiara	2.29	315	Pn	Pn	17 38 37.8	-0.8
HNR	134nm,0.3s,baz=190,slow=23,SNR=5.8				Sn	17 39 03.9	-1.9
HNR	comp=Z,970nm,21.4s,baz=141,slow=41				Sn	17 39 37.1	-1.5
DZM	Mont Dzumac	11.89	158	Pn	Pn	17 40 50.0	-0.5
DZM	comp=Z,0.4nm,0.3s				Sn	17 42 59.8	-2.5
DZM	comp=Z,490nm,18.6s,baz=12,slow=16				Sn	17 44 59.9	
DZM	Mont Dzumac	11.89	158	ePn	Pn	17 40 52.7	+2.2
DZM	2.1nm,0.3s				eSn	17 43 00.4	-1.9
DZM	0.8nm,0.2s				eLR	17 43 40.7	
CTA	Charters Tower	17.25	237	P	P	17 42 03.0	-0.1
COEN	Coen	18.19	259	P	P	17 42 13.7	+0.3
AFI	Afi Alafalu	26.16	99	LR	LR	17 52 19.9	
WRA	Warrunguna Arr	27.65	248	P	P	17 43 49.2	+0.9
WRA	comp=Z,200nm,18.4s,baz=276,slow=33				LR	17 54 52.4	
ASAR	Alice Springs	29.16	241	P	P	17 44 04.7	+2.9
ASAR	comp=Z,530nm,19.0s,baz=75,slow=36				LR	17 56 09.0	
URZ	Urewera	30.43	155	LR	LR	17 55 09.2	
PPT	Papeete	47.66	104	LR	LR	18 02 08.9	
PPT2	Papeete2	47.66	104	eLR	LR	18 00 00.0	
KSR5	Korea Array	57.68	329	LR	LR	17 48 10.8	
USRK	Ussuriysk Ar.	61.22	336	P	P	17 48 15.1	0.0
USRK	Ussuriysk Ar.	61.22	336	P	P	17 48 15.3	+0.3
VNDA	Vanda	66.44	180	P	P	17 48 47.6	-1.3
CMAR	Chiang Mai Arr	68.39	295	P	P	17 49 02.5	+0.2
CMAR	Chiang Mai Arr	68.39	295	P	P	17 49 02.7	+0.4
ULN	Ulaanbaatar	75.96	326	P	P	17 49 47.7	+0.5
ULN	comp=Z,8.6nm,1.3s				I	17 49 51.8	

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
SOMN	Songino Array	76.31	325	P	P	17 49 49.2	+0.1
SOMN	comp=Z,2.9nm,0.9s				I	18 22 35.7	
SOMN	Songino Array	76.31	325	P	P	17 49 49.4	+0.3
BILL	Bilibino	78.98	2	P	P	17 50 03.5	+0.1
MCK	McKinley	83.26	20	P	P	17 50 28.4	+0.7
IMAR	Indian Mountain	83.32	17	P	P	17 50 28.7	+0.7
ILAR	Eielson Array	84.88	20	P	P	17 50 34.1	-0.4
EG							

PGC 14 18:40.5:0.5,58.75N:138.04W,h1km,ML2.9/10, 102km ESE of Yakutat, AK Southeastern Alaska

NEIC 14 18:40.2:1.4,58.76N:0.04:137.96W:0.0,7,h1km,8km, Error ellipse: s-maj=6.7km s-min=3.9km az=214.0

AEIC 14 18:41.7:1.5,58.78N:0.06:138.01W:0.0,8,h1km,3km, ML3.2/50,ML2.2(9/11), Error ellipse: s-maj=9.6km s-min=4.7km az=209.0

ISC 14 18:40.9:1.5,58.79N:0.04:138.03W:0.0,0,3, h10km,11km,n74,t12123,138'03'00.0

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

ISC 14 18:24:20.5:1.8,0.42S:132.37E,h0km,mb3.4/2, mb1 3.6/4,mb1mx3.3/4.0,mbtmp3.4/4,ML3.4/2, Error ellipse: s-maj=26.5km s-min=17.0km az=167.0,Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the Irian Jaya region.

THE 14 18:34:09.6:38.41N:20.49E,h7km,ML2.5/4, Error ellipse: s-maj=0.9km s-min=0.4km az=281.0

ATH 14 18:34:09.1,38.41N:20.49E,h14km,1km,ML2.5/11, Error ellipse: s-maj=2.1km s-min=0.7km az=280.0

ISC 14 18:34:08.9:0.8,38.42N:0.02:20.47E:0.03,h13km,5km, n43,c064/65,Greece

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for Greece.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the 2015 APR section.

ISC 14 18:38:04.4:0.9,11.55S:162.60E,h0km,mb4.0/0, mb1 4.1/11,mb1mx3.9/4.0,mbtmp4.0/11,ML4.1/2,MS3.3/11, Ms1 2.4/2,ms1mx2.2/3.3, Error ellipse: s-maj=28.1km s-min=22.2km az=84.0

NEIC 14 18:38:08.1:2.0,11.55S:0.10:162.8E:0.1,h28km,5km, mb4.5/9, Error ellipse: s-maj=21.4km s-min=12.0km az=63.0

ISC 14 18:38:09.2:0.6,11.53S:0.08:162.71E:0.10,h35km,n47, c089/34,mb4.0/13,MS3.5/10,1D,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the Bougainville-Solomon Islands region.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the 2015 APR section.

ISC 14 18:40:13.6:0.8,40.59N:35.00E,h0km,mb3.4/3, mb1 3.6/9,mb1mx3.4/4.4,mbtmp3.4/9,ML3.5/6,MS2.4/2, Ms1 2.4/2,ms1mx2.2/3.3, Error ellipse: s-maj=14.8km s-min=9.3km az=135.0

ISC 14 18:40:13.8,40.69N:34.85E,h1km,ML3.7/25, IASPEI 14 18:40:14.2:0.9,40.66N:0.03:34.85E:0.02,h8km,6km, mb3.4/3, Error ellipse: s-maj=4.2km s-min=3.4km az=6.2, GTS identified by ISC bulletin GTS identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <S>Seism. Res. Lett.</S>, <D>>0-8/2, 465-472, 2009

DDA 14 18:40:14.2:0.9,40.63N:34.85E,h8km,MW3.8

ISC 14 18:40:14.3:0.8,40.65N:0.02:34.84E:0.02,h9km,5km, n69,c142/98,mb3.4/3,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the 2015 APR section.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PMR, GHO, KTH, SML, etc.

INET 14 19:50:05.5, 12.17N-86.36W, h18km, ML3.3
UCR 14 19:50:06.2, 12.17N-86.35W, h10km, MW3.9,
Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MASN, MATN, CRIN, etc.

IDC 14 19:51:16.1, 1.29, 57S, 178.66W, h228km, 13km, mb3.3/3,
mb1.3/4, mb1mx3.1/36, mbtmp3.9/4, Error ellipse:
s-maj=48.2km s-min=23.5km az=110.0

ISC 14 19:51:15.5, 1.2, 29.8S, 0.1x178.3W, 0.2, h250km, n31,
az=291/30, mb3.3/3, Kermaedc Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RAO, HAZ, PAK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PRGZ, SHNGZ, MHGZ, etc.

SOME 14 20:00:39.0, 39.55N-73.67E, h10km
KRNET 14 20:00:41.6, 0.1, 39.52N-73.10E, mb3.4
NMC 14 20:00:44.1, 0.1, 39.55N-73.46E, h0km, mb3.7, mpv3.3,
Error ellipse: s-maj=30.8km s-min=15.0km az=171.0

ISC 14 20:00:39.2, 2.3, 39.55N, 0.09, 73.60E, 0.04, h11km, 15km,
n41, az=629/62, 16C-16B, Tajikistan-Xinjiang border
region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ARSB, ARS, BTK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BRLS, KUU, PDGK, etc.

IDC 14 20:03:49.3, 8.6, 36.73N, 70.40E, h196km, 57km, mb3.3/3,
mb1.3/2, mb1mx2.9/64, mbtmp3.8/9, MS3.3/1, Ms1.3/3/1,
ms1mx2.4/28, Error ellipse: s-maj=80.9km s-min=42.9km
az=177.0

NMC 14 20:03:53.7, 4.7, 37.00N, 70.67E, h226km, 66km, mb2.9,
mpv3.8, Error ellipse: s-maj=48.0km s-min=33.7km
az=179.0

ISC 14 20:03:49.1, 1.1, 36.69N, 0.08, 70.6E, 0.1, h200km, n32,
az=1507/35, mb3.6/3, 5C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AML, UCH, KK31, etc.

IDC 14 20:07:44.8, 1.7, 6.89S, 154.39E, h0km, mb3.4/4,
mb1.3/6, mb1mx3.5/45, mbtmp3.7/6, ML4.1/2, Error
ellipse: s-maj=35.5km s-min=26.9km az=59.0

ISC 14 20:07:50.1, 1.1, 7.05S, 0.2, 154.4E, 0.2, h59.0,
mb3.4/4, Bougainville-Solomon Islands region

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

IDC 14 20:12:24.6, 1.0, 50.17N, 115.11W, h0km, mb3.3/3,
mb1.3/6, mb1mx3.3/45, mbtmp3.7/6, ML4.3/3, Error
ellipse: s-maj=19.3km s-min=7.3km az=111.0

ISC 14 20:12:25.3, 1.1, 50.25N, 0.09, 115.3W, 0.2, h10km, n8,
az=334/5, British Columbia

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NEW, NEWP, PDAR, etc.

IDC 14 20:16:44.0, 0.3, 44.59N, 114.34W, h0km, mb4.4/26,
mb1.4/6.3/4, mb1mx4.4/48, mbtmp4.4/34, ML4.3/6, MS3.4/12,

14d 20h

M51 3.4/12, ms1mx3.2/61, Error ellipse: s-maj=7.8km s-min=5.7km az=82.0 BUT 14:20:16.45.0, 44.60N, 114.33W, h7km NEIC 14:20:16.46.4, 2.1, 44.70N, 0.05:114.28W, 0.05, h5km, 1km, Error ellipse: s-maj=7.7km s-min=6.2km az=177.0 ANF 14:20:16.47.0, 1.0, 44.70N, 114.29W, h10km, 7km, ML5.0/11, Error ellipse: s-maj=2.2km s-min=1.3km az=13.0 NEIC 14:20:16.47.2, 44.71N, 114.22W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr=-4.27; Mth=2.30; Mtt=1.96; Mll=0.96; Mbb=2.83; Mtr=0.17; Fault plane solution: M4: 75000^1019; NP1: 9.305, 45000^0, 350, 55000^0; N: -100, 39000^0; NP2: 141, 55000^0, 540, 58000^0; N: -77, 63000^0; Principal axes: T, 0.5345, P1g5.0000^0, Azm43.0000^0, N: -0.6232, P1g8.0000^0, Azm312.0000^0, P: -4.4112, P1g81.0000^0, Azm165.0000^0; GCMT 14:20:16.48.0, 4.0, 44.79N, 0.02:114.64W, 0.03, h32km, 1km, MW4.9/71, Moment Tensor Solution. s16, c19; s71, c28; Duration: 0 Moment tensor: Scale 10^19Nm; Mrr=2.75; Mtr=1.93; Mth=1.33; Mtt=1.7; Mll=0.40; Mbb=2.10; Mtr=1.09; Mth=1.6; Best double couple: M3: 18000^1019 NP1: 277, 0000^0, 650, 0000^0, N: -132, 0000^0; NP2: 65, 152, 0000^0, 656, 0000^0, N: -51, 0000^0; Principal axes: T: 3.950, P1g3.0000^0, Azm215.0000^0, N: -0.4340, P1g31.0000^0, Azm20.0000^0, P: -2.0100, P1g59.0000^0, Azm120.0000^0; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14:20:16.47.2, 0.3, 44.74N, 0.04:114.18W, 0.03, h11km, n525, c1922/518, mb4.7/91, MS3.6/7, Western Idaho

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

2014 APR

Main table of seismic events with columns: K22A, Casper, baz=292, 5.93 108 P Pn, 20 18 16.9 +1.8. Lists numerous seismic events with their respective station codes, magnitudes, and times.

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Table of seismic events with columns: MWC, Mount Wilson, 10.92 197 Pn, 20 19 23.8 +0.2. Lists seismic events from the Mount Wilson station and other nearby locations.

USIN	University of Sault St. Mari	20.97 100	P	P	20 21 31.2 +1.0
D46A	Cromhill	21.06 73	P	P	20 21 32.1 +1.0
M47A	Summer	21.09 89	P	P	20 21 33.1 +1.6
J47A	Summer	21.13 84	P	P	20 21 32.4 +0.6
J47A	Summer	21.13 84	P	P	20 21 32.6 +0.8
K47A	Vermontville	21.15 85	P	P	20 21 32.5 +0.4
I47A	Gladwin	21.17 81	P	P	20 21 34.1 +1.8
I47A	Gladwin	21.17 81	P	P	20 21 33.7 +1.4
N47A	Urbana	21.20 90	P	P	20 21 32.6 -0.1
BLO	Bloomington	21.25 95	P	I	20 21 33.9 +0.7
BLO	Bloomington	21.27 110	I	I	20 21 34.4
W45A	Hickory Valley	21.35 108	P	P	20 21 37.4 +3.1
OXF	Oxford	21.57 110	P	P	20 21 39.3 +2.7
E47A	Iron Bridge	21.63 74	P	P	20 21 39.0 +1.8
D47A	Chapleau	21.68 73	P	P	20 21 38.5 +0.7
N48A	Decatur	21.68 90	P	P	20 21 36.9 -1.0
M48A	Edgerton	21.70 88	P	P	20 21 38.5 +0.5
K48A	Perry	21.74 84	P	P	20 21 38.7 +0.3
WVT	Waverly	21.75 104	P	P	20 21 39.1 +0.6
WVT	Waverly	21.75 104	P	P	20 21 38.7 +0.1
WVT	Waverly	21.75 104	I	I	20 21 43.1
L48A	N Adams	21.76 87	P	P	20 21 38.5 -0.1
O48A	Farmland	21.81 92	P	P	20 21 39.7 +0.5
WCI	Wyandotte Cave	21.82 98	P	P	20 21 39.6 +0.4
WCI	Wyandotte Cave	21.82 98	I	I	20 21 44.5
T47A	Sharon Grove	21.82 101	P	I	20 21 39.4 +0.1
T47A	Sharon Grove	21.82 101	I	I	20 21 42.5
Y45A	Yeager Farm, C	21.86 111	P	P	20 21 40.4 +0.6
Q48A	North Vernon	21.91 95	P	P	20 21 40.6 +0.3
P48A	Milroy	21.92 94	P	P	20 21 40.8 +0.5
P48A	Milroy	21.92 94	I	I	20 21 47.8
PLAL	Pickwick Lake	22.20 107	P	P	20 21 43.9 +0.5
AAM	Ann Arbor	22.21 86	P	P	20 21 43.7 +0.3
K49A	Clarkson	22.21 84	P	P	20 21 43.8 +0.3
M49A	Liberty Center	22.23 88	P	P	20 21 44.2 +0.5
VBMS	Vicksburg	22.26 116	P	P	20 21 44.4 +0.4
N49A	Columbus Grove	22.27 89	P	P	20 21 43.7 -0.4
N49A	Columbus Grove	22.27 89	I	I	20 21 45.1 +1.1
N49A	Columbus Grove	22.27 89	I	I	20 22 08.3
J49A	Marietta	22.29 83	P	P	20 21 44.8 +0.5
P49A	Miami Univ. Ec	22.39 93	P	P	20 21 45.1 -0.4
O49A	Covington	22.42 91	P	P	20 21 45.1 -0.6
O49A	Covington	22.42 91	P	P	20 21 47.9 +2.2
Q49A	Aurora	22.48 95	P	P	20 21 46.1 -0.3
R49A	Shelbyville	22.58 96	P	P	20 21 46.7 -0.8
R49A	Shelbyville	22.58 96	I	I	20 21 47.3 -0.2
R49A	Shelbyville	22.58 96	I	I	20 21 48.4
V48A	Smith Brothers	22.65 104	P	P	20 21 47.9 -0.4
V48A	Smith Brothers	22.65 104	I	I	20 22 31.3
S49A	Springfield	22.73 98	P	P	20 21 48.8 -0.2
CLTN	Cedars of Leba	22.81 103	P	P	20 21 50.6 +0.7
CTGM	Chitina Glacie	22.82 325	P	I	20 21 52.1 +2.1
CTGM	Chitina Glacie	22.82 325	I	I	20 21 54.9
T49A	Edmonton	22.87 100	P	P	20 21 50.8 +0.3
T49A	Edmonton	22.87 100	P	P	20 21 50.8 +0.3
L50A	Kingsville	22.88 86	P	P	20 21 50.9 +0.2
M50A	Fremont	22.92 87	P	P	20 21 51.2 +0.2
U49A	Red Boiling Sp	22.98 101	P	P	20 21 52.7 +1.0
U49A	Red Boiling Sp	22.98 101	I	I	20 21 53.5
BARN	Barnard Glacie	23.00 325	P	I	20 21 52.6 +0.6
BARN	Barnard Glacie	23.00 325	I	I	20 21 57.6
N50A	Nevada	23.05 89	P	P	20 21 52.9 +0.5
R50A	Paris	23.18 96	P	P	20 21 54.1 +0.3
R50A	Paris	23.18 96	I	I	20 21 55.1
X48A	Hartselle	23.20 107	P	I	20 21 53.4 -0.6
X48A	Hartselle	23.20 107	I	I	20 21 55.4
Z47A	Carrollton	23.24 111	P	P	20 21 54.6 +0.2
SWET	Seawane	23.25 104	P	I	20 21 57.0 -0.5
SWET	Seawane	23.25 104	I	I	20 22 46.8
N51A	Ashland	23.55 88	P	P	20 21 55.8 -1.7
I51A	Ashland	23.67 80	P	P	20 21 59.8 +1.2
D50A	G1974 Best Tow	23.89 72	P	P	20 22 00.9 +0.3
Y49A	Blount Mountai	23.97 107	P	I	20 22 01.0 -0.5
Y49A	Blount Mountai	23.97 107	I	I	20 22 02.3
W50A	Signal Mountai	23.98 103	P	I	20 22 01.6 -0.1
W50A	Signal Mountai	23.98 103	I	I	20 22 04.3
DAWY	Dawson	23.99 333	P	I	20 22 02.8 +1.3
DAWY	Dawson	23.99 333	I	I	20 22 07.7
F51A	Arnstein	24.01 75	P	P	20 22 00.7 -1.1
LRAL	Lakeview Retre	24.06 110	P	P	20 22 02.7 +0.3
LRAL	Lakeview Retre	24.06 110	P	I	20 22 02.8 +0.5
LRAL	Lakeview Retre	24.06 110	I	I	20 22 05.0
FPAL	Fort Paine	24.13 105	P	P	20 22 02.8 -0.3
FPAL	Fort Paine	24.13 105	I	I	20 22 30.1
BCAR	Beaver Creek A	24.19 329	P	P	20 22 03.7 +0.3
O52A	Adamsville	24.22 90	P	P	20 22 03.8 0.0
V51A	Loudon	24.34 101	P	P	20 22 00.9 -4.0
F52A	Sunbridge	24.44 75	P	P	20 22 05.3 -0.5
M53A	W Miller	24.59 86	P	P	20 22 07.1 -0.1
Z50A	Ashland	24.65 108	P	P	20 22 07.3 -0.5
Z50A	Ashland	24.65 108	P	P	20 22 07.6 -0.2
L53A	Girard	24.72 84	P	P	20 22 09.2 +0.8
SADO	Sadowa	24.77 77	P	P	20 22 08.1 -0.7
SADO	Sadowa	24.77 77	I	I	20 21 28.6
TKL	Tuckaleechee C	24.82 101	LR	LR	20 32 06.7
MENT	Mentasta	24.85 328	P	I	20 22 10.2 +0.9
MENT	Mentasta	24.85 328	I	I	20 22 15.6
EPYK	Eagle Plains	24.86 338	P	P	20 22 09.6 +0.2

EPYK	Eagle Plains	24.86 338	P	P	20 22 10.7 +1.3
EPYK	Eagle Plains	24.86 338	I	I	20 22 12.9
ERPA	Erie	24.86 84	P	P	20 22 09.9 +0.2
ERPA	Erie	24.86 84	P	P	20 22 10.8 +1.2
ALLY	Alegheny Colle	24.90 85	P	P	20 22 11.2 +1.3
W52A	Murphy	25.00 102	P	P	20 22 10.5 -0.5
EGAK	Franklin	25.04 333	P	P	20 22 11.6 +0.6
Z51A	Franklin	25.12 107	P	P	20 22 11.9 -0.1
MATO	Matagami	25.14 65	P	P	20 22 12.6 +0.6
C36M	Paulatuk	25.18 352	P	I	20 22 12.1 -0.1
C36M	Paulatuk	25.18 352	I	I	20 22 37.9
M54A	Oil Creek Stat	25.29 85	P	P	20 22 13.2 -0.3
M54A	Oil Creek Stat	25.29 85	P	P	20 22 15.1 +1.7
ALGO	Algonquin Park	25.29 74	P	P	20 22 13.4 0.0
L54A	Sinclairville	25.30 83	P	P	20 22 15.1 +1.5
D53A	Lac Vavie, Po	25.35 72	P	P	20 22 14.6 +0.6
G54A	Lake Saint Pet	25.37 76	P	P	20 22 14.1 0.0
E53A	Dumoine, Ponti	25.48 73	P	P	20 22 16.8 +1.7
Y52A	Libburn	25.57 105	P	P	20 22 16.4 +0.3
Y52A	Libburn	25.57 105	I	I	20 22 16.2 +0.1
Y52A	Libburn	25.57 105	I	I	20 22 16.9
INK	Inuvik	25.68 343	P	P	20 22 17.0 +0.3
INK	Inuvik	25.68 343	I	I	20 22 18.1 +1.4
152A	Waverly Hall	25.81 108	P	P	20 22 17.6 -0.7
152A	Waverly Hall	25.81 108	I	I	20 22 18.7
M55A	Hinsdale	25.94 85	P	P	20 22 20.4 +1.0
L55A	Hinsdale	25.94 83	P	P	20 22 20.0 +0.5
D54A	Lac Fusel, La	26.04 71	P	P	20 22 20.4 +0.1
H55A	Tweed	26.18 77	P	P	20 22 22.1 +0.6
GOGA	Godfrey	26.24 105	P	P	20 22 21.5 -0.6
GOGA	Godfrey	26.24 105	I	I	20 22 21.8 -0.4
GOGA	Godfrey	26.24 105	I	I	20 22 23.5
M56A	Emporium	26.34 84	P	I	20 22 25.5 +2.4
M56A	Emporium	26.34 84	I	I	20 22 28.1
N56A	West Decatur	26.46 86	P	P	20 22 23.8 -0.3
HODGE	Hodges	26.62 102	P	I	20 22 25.6 0.0
HODGE	Hodges	26.62 102	I	I	20 23 23.1
SSPA	Standing Stone	26.85 86	P	P	20 22 27.3 -0.3
HDA	Harding Lake	26.85 329	P	P	20 22 28.0 +0.6
HDA	Harding Lake	26.85 329	I	I	20 22 28.4 +1.0
HDA	Harding Lake	26.85 329	I	I	20 22 35.9
D55A	Sainte-Anne-du	26.86 71	P	P	20 22 27.5 -0.1
PRP	Porcupine Dome	26.95 331	P	P	20 22 29.3 +0.9
IL31	Porcupine Dome	27.02 329	P	I	20 22 29.9 +1.1
IL31	Porcupine Dome	27.02 329	I	I	20 22 37.0
ILAR	Eielson Array	27.02 329	P	P	20 22 29.8 +0.8
Y55A	Saluda	27.06 102	P	P	20 22 28.9 -0.6
SUA	Susitna One	27.10 321	P	I	20 22 31.1 +1.3
SUA	Susitna One	27.10 321	I	I	20 22 38.0
CCB	Clear Creek Bu	27.29 329	P	I	20 22 32.6 +1.3
CCB	Clear Creek Bu	27.29 329	I	I	20 22 39.7
WRH	Wood River Hill	27.31 328	P	P	20 22 32.8 +1.3
WRH	Wood River Hill	27.31 328	I	I	20 22 39.9
D56A	ZEC Manzana, M	27.34 71	P	P	20 22 32.5 +0.5
POKR	Poker Plat Res	27.40 330	P	P	20 22 34.7 +2.4
COLA	College	27.43 329	P	I	20 22 33.8 +1.3
COLA	College	27.43 329	I	I	20 22 34.8
TCOL	CIGO, UAF Yang	27.43 329	P	P	20 22 32.5 0.0
TRF	Thorofare Moun	27.69 325	P	I	20 22 36.3 +1.1
TRF	Thorofare Moun	27.69 325	I	I	20 22 45.0
BMAR	Burnt Mountain	27.82 335	P	P	20 22 37.2 +1.1
PAGS	Pennsylvania G	27.82 335	P	P	20 22 39.1 +2.8
A36M	Sachs Harbour	27.83 353	P	P	20 22 36.4 +0.3
E57A	Chemin Saint G	27.87 72	P	P	20 22 35.7 -1.0
D57A	Chemin Vers le	27.93 71	P	P	20 22 35.8 -1.4
BPWA	Bear Paw Mtn.	28.25 326	P	I	20 22 41.2 +1.2
BPWA	Bear Paw Mtn.	28.25 326	I	I	20 22 46.6
MLY	Moose Lake	28.58 328	P	P	20 22 43.9 +1.0
COLD	Coldfoot	29.47 332	P	P	20 22 51.8 +1.0
TOLK	Toolik Lake Re	30.05 335	P	P	20 22 53.5 -2.4
TOLK	Toolik Lake Re	30.05 335	P	P	20 22 56.7 +0.8
IMAR	Indian Mountain	30.12 329	P	P	20 22 57.5 +1.0
RES	Resolute Bay	31.23 10	P	P	20 23 05.3 +0.2
RES	Resolute Bay	31.23 10	I	I	20 23 07.2 +1.0
RES	Resolute Bay	31.23 10	I	I	20 23 08.0
SCHO	Schefferville	31.62 54	P	LR	20 23 09.2 -0.7
SCHO	Schefferville	31.62 54	LR	LR	20 36 08.8
SCHO	Schefferville	31.62 54	I	I	20 23 10.1 +0.2
SCHO	Schefferville	31.62 54	I	I	20 23 10.7
KULLO	Kullorsuaq	38.75 21	P	P	20 24 12.3 +1.4
SFJD	Kangerlussuaq	39.66 33	P	P	20 24 20.7 +2.1
SFJD	Kangerlussuaq	39.66 33	P	I	20 24 20.5 +1.9
SFJD	Kangerlussuaq	39.66 33	I	I	20 24 21.7
SUMG	Summit	43.79 25	P	P	20 24 54.0 +1.2
SUMG	Summit	43.79 25	P	P	20 24 54.2 +1.4
DAG	Danmarks Havn	48.17 18	P	P	20 25 27.0 +0.2
SPITS	Sphingergan Ar	53.78 11	LR	LR	20 48 15.1
PETK	Petrovskovsk	54.98 313	P	P	20 26 17.9 -0.2
ARCES	ARCES Array B	62.25 15	P	P	20 27 08.2 -0.3
NRK	Norilsk	61.51 352	P	P	20 27 26.5 -0.7
NB2	NORSAR Subarra	65.67 26	P	P	20 27 30.8 -0.3
NOA	NORSAR Array B	65.67 26	P	P	20 27 31.0 -0.1
FIAT	FINES Array S	69.39 19	P	P	20 27 54.5 0.0
FINES	FINES Array S	69.39 19	P	P	20 27 54.5 0.0
PPT	Papeete	69.90 216	LR	LR	20 54 08.2
PGAV	Gavieira, Arco	71.24 49	eLR	LR	20 52 19.6
PCAB	Cabrill	71.54 49	eP	P	20 28 09.0 +0.9
PVRL	Vila Real	72.01 49	eP	P	20 28 12.1 +1.2
COI	Coimbra	72.37 51	eP	P	

14d 20h

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like VSU Vasula, ESDC Sonseca Array, PAB San Pablo, EMAL Malaga-Limoner, etc.

2014 APR

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like ESK Eskdalemuir, HOQ Hoqain, ABKAR Abkulkal Array, etc.

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Table with columns for station name, frequency, polarization, and coordinates. Includes stations like KURK comp=Z,34nm,0.9s, HOPEN Hopen, HSBP Hornsund (broa), etc.

14d 21h

Table with columns: DZM, PPT2, TBI, etc. containing station names, coordinates, and times.

IDC 14 20:42:02.71.4, 4.56N, 117.79E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.3/6.8, mbtmp3.4/4, MS3.2/3, Ms1 3.3/3, ms1mx2.9/2.5, Error ellipse: s-maj=90.4km s-min=23.1km az=58.0, Borneo

NEIC 14 20:44:19.1, 2.5, 11.54S, 0.06, 162.00E, 0.09, h29km, 3km, mb4.7/37, Error ellipse: s-maj=12.8km s-min=7.6km az=75.0

GCMT 14 20:44:19.1, 0.4, 11.31S, 0.03, 162.07E, 0.05, h20km, 1km, MW4.8/77, Moment Tensor Solution, s13.c16; s77.c94; Duration: 0 Moment tensor: Scalar 1019Nm; Mir-2.06E; 19; Mw: 1.75; 14; Mw: 0.30; 10; Mw: 0.92; 24; Mw: 0.32; 0.7; Mw: 0.53; 26; Best double couple: 1.25, 2.66000e10 1016 NP1=66.00000, 63.30000, -115.00000. NP2: 62.75000, 60.00000, -75.00000. Principal axes: T 2.0570, P1g14.0000, Azm354.0000; N 0.4130, P1g13.0000, Azm87.0000; P -2.4750, P1g71.0000, Azm219.0000; nstai refers to surface waves, cutoff=40s. nstaz refers to surface waves, cutoff=50s. Triangular moment-rate function follows

ISC 14 20:44:20.4, 0.1, 11.55S, 0.06, 161.97E, 0.08, h39km, n87, 0.90/83, mb4.6/33, MS4.0/10, Bougainville-Solomon Islands region

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

2014 APR

Table with columns: SVW2, SVA, PALK, KTH, etc. containing station names, coordinates, and times.

INET 14 20:51:28.9, 12.26N, 86.37W, h6km, ML3.3 UCR 14 20:51:29.5, 17.1, 12.21N, 86.38W, h10km, MW3.6, Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. for INET and UCR stations.

IDC 14 20:56:42.3, 4.3, 33.74N, 25.60E, h0km, mb3.8/4, mb1 3.7/8, mb1mx3.4/4, mbtmp3.6/8, ML3.5/4, Error ellipse: s-maj=79.8km s-min=23.7km az=40.0

ATH 14 20:56:50.1, 34.23N, 25.85E, h26km, 5km, ML2.6/6, Error ellipse: s-maj=10.7km s-min=2.1km az=342.0

THE 14 20:56:54.4, 34.38N, 25.85E, h17km, 3km, ML2.6/2, Error ellipse: s-maj=3.6km s-min=1.4km az=137.0

ISC 14 20:56:48.5, 1.1, 34.08N, 0.07, 25.96E, 0.05, h26km, n27, 1.104/31, mb3.7/4, Crete

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

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Table with columns: GVD, KARP, KARP, etc. containing station names, coordinates, and times.

HLW 14 21:04:24.7, 34.29N, 26.01E, h14km, 24km, MD3.8, MM4.0 IDC 14 21:04:24.9, 1.1, 34.22N, 25.89E, h0km, mb4.0/14, mb1 4.0/25, mb1mx3.9/5.3, mbtmp3.9/2.5, ML3.5/12, Error ellipse: s-maj=25.3km s-min=12.8km az=17.0

NIC 14 21:04:27.3, 0.3, 33.81N, 25.97E, h35km, 24km, M3/8.5 ATH 14 21:04:27.0, 34.04N, 25.86E, h18km, 4km, ML3.5/7, Error ellipse: s-maj=8.7km s-min=2.0km az=342.0

THE 14 21:04:30.7, 34.24N, 25.87E, h2km, 1km, ML3.5/3, Error ellipse: s-maj=3.3km s-min=0.7km az=152.0

GII 14 21:04:30.4, 0.3, 34.00N, 26.31E, h25km, MD3.5/4 ISK 14 21:04:31.3, 34.44N, 25.79E, h24km, ML3.7/16 ISC 14 21:04:27.1, 2.1, 34.00N, 0.03, 25.92E, 0.03, h31km, gkm, n135, e205/166, mb3.9/14.3, Crete

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like COR Corvallis, HUMO Huli Mountain, H04D Lebanon, etc.

IDC 14 21:55:48.0.1.1, 11:12S:161:83E, h0km, mb4.3/12, mb1 4.4/15, mb1mx4.2/46, mbtmp4.3/15, ML4.0/3, MS3.6/5, Ms1 3.6/5, ms1mx3.2/32, Error ellipse: s-maj=29.6km s-min=19.9km az=117.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, DZM Rabaui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ULN Ulaanbaatar, Gaotai, SONMG Songo Array, etc.

IDC 14 21:46:06.6.2.0, 2:54N:95:55E, h0km, mb3.6/4, mb1 mx3.4/51, mbtmp3.5/6, ML3.2/2, Error ellipse: s-maj=5.2km s-min=22.5km az=45.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, etc.

IDC 14 21:46:10.4.1.9, 2:54N:95:55E, h1, h25km, n12, c058/7, mb4.0/4, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like H11S1 WAKE ISLAND Hy 29.87, H11S2 WAKE ISLAND Hy 29.87, etc.

IDC 14 22:01:11.1.2.1, 11:48S:162:58E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.6/40, mbtmp3.7/5, ML3.4/1, Error ellipse: s-maj=53.9km s-min=35.3km az=93.0

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

IDC 14 21:50:04.2.1.3, 11:48S:162:62E, h0km, mb4.0/5, mb1 4.1/8, mb1mx3.8/51, mbtmp4.0/8, ML4.0/3, Error ellipse: s-maj=34.1km s-min=26.3km az=117.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HNR Honiara, HNR Honiara, DZM Mont Dzumac, etc.

IDC 14 21:50:05.1.2.4, 11:65S:0:1:162:70E, h0.05, h10km, 2km, mb4.0/6, Error ellipse: s-maj=18.2km s-min=17.3km az=11.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HNR Honiara, HNR Honiara, DZM Mont Dzumac, etc.

IDC 14 22:01:52.0.2.4, 49:44N:114:65W, h0km, mb3.0/1, mb1 3.8/2, mb1mx3.2/52, mbtmp3.4/2, ML2.9/1, Error ellipse: s-maj=32.8km s-min=7.9km az=124.0, British Columbia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NEW Newport, IN656 New Infracore, ULM Lac du Bonnet, etc.

IDC 14 22:01:52.7.0.9, 10:79S:161:38E, h0km, mb3.9/11, mb2 4.1/12, mb1mx3.9/40, mbtmp3.9/12, ML3.1/1, MS3.9/1, Ms1 3.9/1, ms1mx2.9/29, Error ellipse: s-maj=26.0km s-min=20.7km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HNR Honiara, HNR Honiara, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 31.52, WAKE ISLAND Hy 31.53, WAKE ISLAND Hy 31.54, etc.

IDC 14 22:39:08.0-4.2, 18.945s-177.49W, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.7/28, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=249.0km s-min=24.0km az=150.0, Fiji Islands region

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

IDC 14 22:48:33.8-0.7, 11.475S-162.55E, h0km, mb4.1/13, mb1 4.2/15, mb1mx4.1/40, mbtmp4.1/15, ML3.9/2, MS3.4/5, Ms1 3.5/5, ms1mx3.0/44, Error ellipse: s-maj=23.1km s-min=17.6km az=73.0

NEIC 14 22:48:37.5-2.0, 11.55S-0.1-162.7E-0.1, h25km, 5km, mb4.4/11, Error ellipse: s-maj=17.6km s-min=12.8km az=224.0

ISC 14 22:48:35.4-0.6, 11.455S-0.09-162.68E-0.10, h10km, n41, o=94/35, mb4.2/16, MS3.5/3, Bougainville-Solomon Islands region

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

ISC 14 23:08:27.1-2.3, 12.40N-0.08-86.8W-0.1, h10km, 1km, mb4.4/6, Error ellipse: s-maj=20.9km s-min=5.9km az=233.0

UCR 14 23:08:28.7-1.7, 11.86N-87.33W, h21km, 11km, ML3.7, mb4.4(NEIC)

SNET 14 23:08:28.8-0.9, 11.86N-87.44W, h15km, 10km, ML3.7

INET 14 23:08:29.1, 11.84N-87.28W, h6km, ML3.8

ISC 14 23:08:25.7-1.0, 11.85N-0.07-87.32W-0.06, h10km, n40, o=193/43, mb3.9/6, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CRIN San Cristobal, CNCG Cerro Negro, CNCH Conchagua, etc.

ISC 14 23:16:31.4-3.0, 43.58N-0.0-44.30E-0.05, h10km, 1km, mb4.0/17, ML4.2(AZER), Error ellipse: s-maj=8.1km s-min=4.1km az=0.0

MOS 14 23:16:31.4-1.1, 43.58N-44.16E, h4km, mb4.2/6, MS3.5/10, Error ellipse: s-maj=4.8km s-min=3.2km az=102.7

MOS Felt (III-IV) at Terek, TIF 14 23:16:31.9, 43.51N-44.21E, h12km, 1km

NORS 14 23:16:32.8-0.0, 43.44N-44.17E, h15km, MPVA5.0, Felt III-IV MSK at Terek

ISK 14 23:16:33.9, 43.46N-44.05E, h11km, ML3.8/8

NINC 14 23:16:36.1-4.7, 43.84N-44.83E, h0km, mb4.0, Error ellipse: s-maj=97.8km s-min=45.0km az=128.0

ISC 14 23:16:32.3-0.6, 43.55N-0.02-44.20E-0.01, h18km, 2km, n218, o=262/290, mb3.9/22, MS3.2/7, 16C-19D, Western Caucasus

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like STDR Stavd-Durt, STDR Stavd-Durt, PRTR Priterechnaya, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JFT Okura, JOU Okura, JMK Ichinoseki, etc.

IDC 14 22:57:55.4-4.9, 26.36S-70.57E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.5/59, mbtmp3.6/6, MS3.5/1, Ms1 3.4/1, ms1mx2.8/48, Error ellipse: s-maj=141.5km s-min=37.5km az=47.0

ISC 14 22:57:52.4-4.6, 26.35S-0.6-70.6E-0.7, h10km, n13, o=45/6, mb3.6/6, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

ISC 14 23:07:52.4-4.6, 26.35S-0.6-70.6E-0.7, h10km, n13, o=45/6, mb3.6/6, Indian Ocean Triple Junction

ISC 14 23:08:15.1-1.0, 11.09N-86.76W, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.6/45, mbtmp3.7/5, ML2.8/1, MS2.8/4, Ms1 2.8/4, ms1mx2.8/42, Error ellipse: s-maj=228.1km s-min=73.7km az=11.0

NEIC 14 23:08:27.1-2.3, 12.40N-0.08-86.8W-0.1, h10km, 1km, mb4.4/6, Error ellipse: s-maj=20.9km s-min=5.9km az=233.0

UCR 14 23:08:28.7-1.7, 11.86N-87.33W, h21km, 11km, ML3.7, mb4.4(NEIC)

SNET 14 23:08:28.8-0.9, 11.86N-87.44W, h15km, 10km, ML3.7

INET 14 23:08:29.1, 11.84N-87.28W, h6km, ML3.8

ISC 14 23:08:25.7-1.0, 11.85N-0.07-87.32W-0.06, h10km, n40, o=193/43, mb3.9/6, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CRIN San Cristobal, CNCG Cerro Negro, CNCH Conchagua, etc.

ISC 14 23:16:31.4-3.0, 43.58N-0.0-44.30E-0.05, h10km, 1km, mb4.0/17, ML4.2(AZER), Error ellipse: s-maj=8.1km s-min=4.1km az=0.0

MOS 14 23:16:31.4-1.1, 43.58N-44.16E, h4km, mb4.2/6, MS3.5/10, Error ellipse: s-maj=4.8km s-min=3.2km az=102.7

MOS Felt (III-IV) at Terek, TIF 14 23:16:31.9, 43.51N-44.21E, h12km, 1km

NORS 14 23:16:32.8-0.0, 43.44N-44.17E, h15km, MPVA5.0, Felt III-IV MSK at Terek

ISK 14 23:16:33.9, 43.46N-44.05E, h11km, ML3.8/8

NINC 14 23:16:36.1-4.7, 43.84N-44.83E, h0km, mb4.0, Error ellipse: s-maj=97.8km s-min=45.0km az=128.0

ISC 14 23:16:32.3-0.6, 43.55N-0.02-44.20E-0.01, h18km, 2km, n218, o=262/290, mb3.9/22, MS3.2/7, 16C-19D, Western Caucasus

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like STDR Stavd-Durt, STDR Stavd-Durt, PRTR Priterechnaya, etc.

ISC 14 23:16:31.4-3.0, 43.58N-0.0-44.30E-0.05, h10km, 1km, mb4.0/17, ML4.2(AZER), Error ellipse: s-maj=8.1km s-min=4.1km az=0.0

MOS 14 23:16:31.4-1.1, 43.58N-44.16E, h4km, mb4.2/6, MS3.5/10, Error ellipse: s-maj=4.8km s-min=3.2km az=102.7

MOS Felt (III-IV) at Terek, TIF 14 23:16:31.9, 43.51N-44.21E, h12km, 1km

NORS 14 23:16:32.8-0.0, 43.44N-44.17E, h15km, MPVA5.0, Felt III-IV MSK at Terek

ISK 14 23:16:33.9, 43.46N-44.05E, h11km, ML3.8/8

NINC 14 23:16:36.1-4.7, 43.84N-44.83E, h0km, mb4.0, Error ellipse: s-maj=97.8km s-min=45.0km az=128.0

ISC 14 23:16:32.3-0.6, 43.55N-0.02-44.20E-0.01, h18km, 2km, n218, o=262/290, mb3.9/22, MS3.2/7, 16C-19D, Western Caucasus

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like n29, o=99/34, Crete, Code Station Name, Az, Phase, ID, etc.

IDC 14 22:57:55.4-4.9, 26.36S-70.57E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.5/59, mbtmp3.6/6, MS3.5/1, Ms1 3.4/1, ms1mx2.8/48, Error ellipse: s-maj=141.5km s-min=37.5km az=47.0

ISC 14 22:57:52.4-4.6, 26.35S-0.6-70.6E-0.7, h10km, n13, o=45/6, mb3.6/6, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

ISC 14 23:07:52.4-4.6, 26.35S-0.6-70.6E-0.7, h10km, n13, o=45/6, mb3.6/6, Indian Ocean Triple Junction

ISC 14 23:08:15.1-1.0, 11.09N-86.76W, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.6/45, mbtmp3.7/5, ML2.8/1, MS2.8/4, Ms1 2.8/4, ms1mx2.8/42, Error ellipse: s-maj=228.1km s-min=73.7km az=11.0

NEIC 14 23:08:27.1-2.3, 12.40N-0.08-86.8W-0.1, h10km, 1km, mb4.4/6, Error ellipse: s-maj=20.9km s-min=5.9km az=233.0

UCR 14 23:08:28.7-1.7, 11.86N-87.33W, h21km, 11km, ML3.7, mb4.4(NEIC)

SNET 14 23:08:28.8-0.9, 11.86N-87.44W, h15km, 10km, ML3.7

INET 14 23:08:29.1, 11.84N-87.28W, h6km, ML3.8

ISC 14 23:08:25.7-1.0, 11.85N-0.07-87.32W-0.06, h10km, n40, o=193/43, mb3.9/6, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CRIN San Cristobal, CNCG Cerro Negro, CNCH Conchagua, etc.

ISC 14 23:16:31.4-3.0, 43.58N-0.0-44.30E-0.05, h10km, 1km, mb4.0/17, ML4.2(AZER), Error ellipse: s-maj=8.1km s-min=4.1km az=0.0

MOS 14 23:16:31.4-1.1, 43.58N-44.16E, h4km, mb4.2/6, MS3.5/10, Error ellipse: s-maj=4.8km s-min=3.2km az=102.7

MOS Felt (III-IV) at Terek, TIF 14 23:16:31.9, 43.51N-44.21E, h12km, 1km

NORS 14 23:16:32.8-0.0, 43.44N-44.17E, h15km, MPVA5.0, Felt III-IV MSK at Terek

ISK 14 23:16:33.9, 43.46N-44.05E, h11km, ML3.8/8

NINC 14 23:16:36.1-4.7, 43.84N-44.83E, h0km, mb4.0, Error ellipse: s-maj=97.8km s-min=45.0km az=128.0

ISC 14 23:16:32.3-0.6, 43.55N-0.02-44.20E-0.01, h18km, 2km, n218, o=262/290, mb3.9/22, MS3.2/7, 16C-19D, Western Caucasus

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like STDR Stavd-Durt, STDR Stavd-Durt, PRTR Priterechnaya, etc.

ISC 14 23:16:31.4-3.0, 43.58N-0.0-44.30E-0.05, h10km, 1km, mb4.0/17, ML4.2(AZER), Error ellipse: s-maj=8.1km s-min=4.1km az=0.0

MOS 14 23:16:31.4-1.1, 43.58N-44.16E, h4km, mb4.2/6, MS3.5/10, Error ellipse: s-maj=4.8km s-min=3.2km az=102.7

MOS Felt (III-IV) at Terek, TIF 14 23:16:31.9, 43.51N-44.21E, h12km, 1km

NORS 14 23:16:32.8-0.0, 43.44N-44.17E, h15km, MPVA5.0, Felt III-IV MSK at Terek

ISK 14 23:16:33.9, 43.46N-44.05E, h11km, ML3.8/8

NINC 14 23:16:36.1-4.7, 43.84N-44.83E, h0km, mb4.0, Error ellipse: s-maj=97.8km s-min=45.0km az=128.0

ISC 14 23:16:32.3-0.6, 43.55N-0.02-44.20E-0.01, h18km, 2km, n218, o=262/290, mb3.9/22, MS3.2/7, 16C-19D, Western Caucasus

14d 23h

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

NEIC 14 23:35:55.6: 1.3, 13.11s: 0.08: 167.1E: 0.1, h220km, 5km, mb4.5/26, Error ellipse: s-maj=20.3km s-min=10.3km az=75.0

IDC 14 23:35:56.8: 1.8, 13.22s: 167.03E, h226km, 16km, mb3.8/23, mb1.3/9.24, mb1mx3.8/4.1, mbmt4.4/24, Error ellipse: s-maj=12.9km s-min=10.2km az=117.0

ISC 14 23:35:59.0: 4.0, 13.09s: 0.06: 167.10E: 0.09, h200km, n79, r117174, mb4.3/31, Vanuatu Islands

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

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Table with columns: MAW Mawson, RND Reindeer, WRH Wood River Hill, HDA Harding Lake, etc. Includes station names, Az, Phase, ID, Time, Res, h, m, s, ISC.

VAO 14 23:40:21.1: 0.6, 12.42s: 75.61W, h10km, mb4.3, NEIC 14 23:40:31.9: 2.2, 12.46s: 0.08: 75.10W, h40km, 5km, Error ellipse: s-maj=13.7km s-min=8.4km az=46.0

IDC 14 23:40:32.5: 1.8, 12.38s: 75.16W, h94km, 15km, mb4.2/14, mb1.4/3.18, mb1mx4.2/3.7, mbmt4.4/18, MS3.5/4, Ms1.3/4.1, ms1mx3.0/3.3, Error ellipse: s-maj=18.0km s-min=10.9km az=62.0

ARE 14 23:40:33.2: 1.1, 12.47s: 0.08: 75.23W: 0.08, h85km, 5km, ML4.6, mb4.9/167(NEIC), Error ellipse: s-maj=13.1km s-min=8.1km az=45.0

ISC 14 23:40:32.1: 0.4, 12.35s: 0.05: 75.22W: 0.05, h96km, n422, r1130362, mb4.9/99, 13C, Central Pacific

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NNA Nana, ATAH Atahualpa, PB12 IPOC Station P, etc.

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Table with columns: SDV Santo Domingo, CPUP Villa Florida, CPUP Villa Florida, SJCC San Jacinto C, ARAG Araguaian, SMRC Santa Marta, TRCB Terra Rica, BDFB Brasilia, etc. Includes station names, Az, Phase, ID, Time, Res, h, m, s, ISC.

P58A	baz=169	Pank, Wackersv	51.75	358	P	P	23 49 29.3	-0.5
P56A	baz=177	Dayton Farm, R	51.84	356	P	P	23 49 29.9	-0.6
U38A	baz=175	Gravette	51.92	340	Iamb	Iamb	23 49 31.7	
TUL1	baz=154	Leonard	51.92	339	P	P	23 49 30.3	-0.9
TUL1	baz=154	Leonard	51.92	339	Iamb	Iamb	23 49 31.9	
Q49A	baz=168	Aurora	52.02	350	P	P	23 49 30.4	-1.4
P53A	baz=172	Whipple	52.03	354	P	P	23 49 30.8	-1.1
P54A	baz=172	Burton	52.06	355	P	P	23 49 31.1	-1.0
MCWV	baz=173	Mont Chateau	52.06	355	P	P	23 49 30.4	-1.8
Q48A	baz=167	North Vernon	52.09	350	P	P	23 49 30.9	-1.4
P51A	baz=174	Williamsport	52.22	352	P	P	23 49 31.9	-1.4
P52A	baz=171	Corning	52.26	353	P	P	23 49 32.2	-1.4
P50A	baz=171	Jamestown	52.45	352	P	P	23 49 33.7	-1.3
CCM	baz=160	Cathedral Cave	52.48	344	P	P	23 49 33.9	-1.4
CCM	baz=160	Cathedral Cave	52.48	344	Iamb	Iamb	23 49 34.4	-0.9
P49A	comp=Z,7.4nm,0.8s	Miami Univ. Ec	52.51	351	P	P	23 49 33.8	-1.7
O60A	baz=180	Telford	52.55	360	P	P	23 49 35.3	-0.4
P48A	baz=180	Milroy	52.56	350	P	P	23 49 34.2	-1.6
O55A	baz=187	Ligonier	52.57	356	P	P	23 49 35.6	-0.3
O56A	baz=175	Blue Knob Stat	52.59	357	P	P	23 49 35.7	-0.4
MNTX	baz=176	Cornudas Mount	52.60	327	P	P	23 49 35.7	-0.6
O52A	baz=142	Adams Station	52.70	354	P	P	23 49 35.1	-1.8
PMSA	baz=172	Palmerville	52.78	174	LR	LR	00 08 12.3	
SSPA	comp=Z,7.3nm,19.6s,ba=20.2,slow=31	Standing Stone	52.92	357	P	P	23 49 37.7	-0.7
ACSO	baz=177	Alum Creek Sta	52.95	353	P	P	23 49 37.0	-1.7
O50A	baz=170	Cable	52.95	352	P	P	23 49 37.8	-0.9
R40A	baz=174	Maddies Statio	52.98	343	Iamb	Iamb	23 49 39.3	
T35A	comp=Z,18nm,0.9s	Sooner Cattle	53.08	339	Iamb	Iamb	23 49 41.2	
N58A	comp=Z,10nm,0.9s	Sunbury	53.08	359	P	P	23 49 39.5	-0.2
O49A	baz=178	Covington	53.09	351	P	P	23 49 38.4	-1.3
N55A	baz=169	Marion Center	53.12	356	P	P	23 49 39.3	-0.7
MSTX	baz=175	Muleshoe	53.13	331	P	P	23 49 39.9	-0.3
MSTX	baz=146	Muleshoe	53.13	331	Iamb	Iamb	23 49 40.4	
N59A	comp=Z,2.1nm,1.5s	State Game Lan	53.15	359	P	P	23 49 40.4	+0.2
N56A	baz=179	West Decatur	53.22	357	P	P	23 49 40.6	-0.1
O48A	baz=176	Farmland	53.29	351	P	P	23 49 39.3	-1.8
N52A	baz=168,SNR=7.3	McGinn's Farm,	53.38	354	P	P	23 49 40.8	-1.0
N50A	baz=172	Nevada	53.50	353	P	P	23 49 41.2	-1.5
M57A	baz=170	Sunshine Farm,	53.59	358	P	P	23 49 43.2	-0.2
M58A	baz=178	Price Panora	53.61	359	P	P	23 49 43.8	+0.2
M59A	baz=178	Waymart	53.77	360	P	P	23 49 45.2	+0.6
N49A	baz=180	Columbus Grove	53.79	352	P	P	23 49 44.1	-0.7
M55A	baz=169	Ridgway	53.79	357	P	P	23 49 44.3	-0.5
N48A	baz=176	Decatur	53.86	351	P	P	23 49 44.0	-1.3
M54A	baz=168	Oil Creek Stat	53.89	356	P	P	23 49 44.8	-0.8
N47A	baz=175	Urbana	53.98	350	P	P	23 49 44.9	-1.3
P40A	baz=167	Paris	54.08	344	Iamb	Iamb	23 49 46.7	
L60A	comp=Z,15nm,0.7s	Shokan	54.22	1	P	P	23 49 48.0	0.0
L57A	baz=181	Andrews Acres	54.25	359	P	P	23 49 48.4	+0.2
L58A	baz=178	Harry Jones Me	54.27	359	P	P	23 49 49.0	+0.7
M49A	baz=179	Liberty Center	54.30	352	P	P	23 49 47.4	-1.2
HDIL	baz=163	Hopedale	54.37	347	P	P	23 49 47.5	-1.6
L53A	baz=174	Girard	54.38	355	P	P	23 49 48.4	-0.6
L56A	baz=177	Greenwood	54.40	358	P	P	23 49 48.9	-0.5
L59A	baz=177	Walton	54.42	0	P	P	23 49 49.3	-0.1
L59A	baz=180	Walton	54.42	0	P	P	23 49 49.4	0.0
B1NY	baz=179	Binghamton	54.43	359	P	P	23 49 49.6	+0.1
L55A	baz=179	Hinsdale	54.49	357	P	P	23 49 49.5	-0.4
319A	comp=Z,14nm,0.8s	Douglas	54.50	324	Iamb	Iamb	23 49 52.3	
ERPA	baz=174	Erie	54.52	356	P	P	23 49 49.1	-1.0
121A	comp=Z,13nm,0.8s	Cookes Peak, D	54.53	326	P	P	23 49 51.7	+1.1
121A	comp=Z,13nm,0.8s	Cookes Peak, D	54.53	326	Iamb	Iamb	23 49 52.7	
L54A	baz=175	Sinclairville	54.59	356	P	P	23 49 49.7	-0.9
K57A	baz=178	Scipio Center	54.97	359	P	P	23 49 53.0	-0.3
K58A	baz=179	Earlville	54.99	360	P	P	23 49 53.5	0.0
K59A	baz=180	Cooperstown	55.00	0	P	P	23 49 53.9	+0.3
K5U1	baz=180	Kansas State U	55.07	340	P	P	23 49 53.3	-0.9
J58A	baz=180	Renssen	55.59	360	P	P	23 49 57.9	+0.1
K48A	baz=169	Perry	55.63	352	P	P	23 49 56.8	-1.3
J57A	baz=179	Williamstown	55.64	359	P	P	23 49 57.6	-0.5
J52A	baz=179	Paris	55.67	355	P	P	23 49 58.0	-0.4
J59A	baz=174	Plesco	55.69	1	P	P	23 49 58.7	+0.1
ANMO	baz=181	Albuquerque	55.71	329	P	P	23 49 59.4	+0.3
ANMO	baz=181	Albuquerque	55.71	329	P	P	23 49 58.5	-0.5
I58A	baz=180	Old Forge	55.91	0	P	P	23 50 00.3	+0.1
CBKS	baz=151	Cedar Bluff	55.95	337	P	P	23 50 00.9	+0.4
TUC	baz=137	Tucson	56.06	324	P	P	23 50 02.0	+0.5
TUC	baz=137	Tucson	56.06	324	P	P	23 50 00.8	-0.7
J47A	baz=169	Summer	56.16	352	P	P	23 50 00.5	-1.3
I55A	baz=177	Frankford	56.48	358	P	P	23 50 03.2	-0.9
T25A	baz=182	Trinidad	56.49	332	P	P	23 50 04.9	+0.3
H58A	baz=145,SNR=12	Gabriels	56.65	1	P	P	23 50 05.5	+0.1
H57A	baz=180,SNR=6.0	Richville	56.69	360	P	P	23 50 05.3	-0.2
H55A	baz=178	Tweed	56.80	358	P	P	23 50 06.1	-0.2
H56A	baz=178	Elgin	56.83	359	P	P	23 50 06.5	0.0

JFWS	baz=179	Jewell Farm	56.83	347	P	P	23 50 05.7	-1.0
LONY	baz=162	Lake Ozonia	56.85	1	P	P	23 50 06.5	-0.2
H53A	baz=176	Bocbaygone	56.88	357	P	P	23 50 05.9	-1.1
H59A	baz=176	Cadyville	56.89	1	P	P	23 50 06.7	-0.3
214A	baz=135	Organ Pipe Nat	57.00	322	P	P	23 50 09.1	+1.0
214A	comp=Z,9.7nm,1.0s	Organ Pipe Nat	57.00	322	Iamb	Iamb	23 50 10.2	
H63A	baz=186	New Sharon	57.08	4	P	P	23 50 08.1	-0.2
G57A	baz=180	Newington	57.33	0	P	P	23 50 09.7	-0.4
G59A	baz=182	Clareville	57.34	2	P	P	23 50 10.3	+0.2
G53A	baz=176	Haliburton	57.43	357	P	P	23 50 10.9	+0.1
H66A	baz=185	Whiting	57.46	7	P	P	23 50 11.7	+0.7
H46A	baz=168	Fife Lake	57.48	352	P	P	23 50 10.1	-1.1
SDCO	baz=151	Great Sand Dun	57.49	332	P	P	23 50 12.1	+0.4
SDCO	baz=151	Great Sand Dun	57.49	332	Iamb	Iamb	23 50 13.1	
G55A	baz=178	Calabogie	57.49	359	P	P	23 50 10.8	-0.4
W18A	comp=Z,139,SNR=6.9	Petrified Fore	57.55	327	P	P	23 50 12.8	+0.7
W18A	comp=Z,14nm,1.1s	Petrified Fore	57.55	327	Iamb	Iamb	23 50 14.0	
G63A	baz=186	Kingsbury	57.56	5	P	P	23 50 12.4	+0.7
G62A	baz=185	West of Eustis	57.60	4	P	P	23 50 12.5	+0.5
BGNE	baz=185	Belgrade	57.66	340	P	P	23 50 12.4	-0.1
G54A	baz=177	Lake Saint Pet	57.68	358	P	P	23 50 11.7	-0.9
X16A	comp=Z,5.5nm,0.8s	Lo Mia Camp, P	57.97	325	Iamb	Iamb	23 50 17.1	
S22A	baz=143	GUR Ranch, Cre	58.11	331	P	P	23 50 16.5	+0.4
ALGO	baz=177	Algonquin Park	58.23	358	P	P	23 50 15.6	-0.8
F60A	baz=184	Warlick	58.27	3	P	P	23 50 14.9	-1.8
MVCO	baz=141	Mesa Verde	58.51	329	P	P	23 50 18.9	+0.1
MVCO	comp=Z,4.0nm,0.7s	Mesa Verde	58.51	329	Iamb	Iamb	23 50 20.8	
Y14A	comp=Z,5.4nm,0.7s	Wickenburg	58.52	323	Iamb	Iamb	23 50 20.7	
E58A	baz=182	La Victoria	58.62	2	P	P	23 50 19.1	+0.1
I37A	comp=Z,9.6nm,0.6s	Lemond, Waseca	58.63	345	Iamb	Iamb	23 50 18.6	
E53A	baz=149	Dumoine, Ponti	58.64	358	P	P	23 50 18.6	-0.6
E57A	baz=181,SNR=5.1	Chemin Saint G	58.64	1	P	P	23 50 19.0	-0.3
OGNE	baz=185	Ogallala	58.67	356	P	P	23 50 19.4	-0.2
E54A	baz=178	Lac Duplat, Po	58.69	338	P	P	23 50 19.3	-0.2
WU4Z	baz=178	Wupatki	58.74	326	P	P	23 50 21.3	+0.9
WU4Z	comp=Z,14nm,0.9s	Wupatki	58.74	326	Iamb	Iamb	23 50 23.0	
E56A	baz=180,SNR=9.3	St. Veronique	58.77	0	P	P	23 50 19.7	-0.4
E51A	baz=170	G1948 Merrick	58.88	357	P	P	23 50 20.3	-0.6
ISCO	comp=Z,145,SNR=7.0	Idaho Springs	59.21	333	Iamb	Iamb	23 50 24.9	
D55A	comp=Z,8.3nm,0.6s	Sainte-Anne-du	59.24	360	P	P	23 50 22.8	-0.6
D57A	baz=181	Chemin Vers le	59.25	1	P	P	23 50 23.4	-0.1
PV01	comp=Z,12nm,0.8s	Parox Valley	59.26	330	Iamb	Iamb	23 50 25.6	
D60A	baz=185	Saint Jean D'O	59.26	3	P	P	23 50 23.6	+0.1
ECSD	comp=Z,12nm,0.8s	EROS Data Cent	59.27	342	P	P	23 50 22.6	-1.0
ECSD	comp=Z,12nm,0.8s	EROS Data Cent	59.27	342	Iamb	Iamb	23 50 23.6	
D56A	baz=190	ZEC Mazanza, M	59.27	0	P	P	23 50 23.3	-0.3
Y12C	baz=134	Blythe	59.28	322	P	P	23 50 25.1	+1.2
Y12C	comp=Z,6.7nm,0.8s	Blythe	59.28	322	Iamb	Iamb	23 50 26.1	
SMCO	comp=Z,7.6nm,0.9s	Snowmass	59.32	332	Iamb	Iamb	23 50 26.2	
D53A	baz=177	Lac Vacive, Po	59.35	358	P	P	23 50 24.0	0.0
D58A	baz=183	Chemin du LacG	59.36	2	P	P	23 50 24.1	-0.1
D54A	baz=178	Lac Fusel, La	59.39	359	P	P	23 50 23.7	-0.7
PV02	comp=Z,13nm,1.0s	Parox Valley	59.40	330	Iamb	Iamb	23 50 26.5	
PV13	comp=Z,2.1nm,1.2s	Radium Mtn., P	59.40	330	Iamb	Iamb	23 50 26.4	
PV03	comp=Z,2.1nm,0.7s	Paradox Valley	59.48	329	Iamb	Iamb	23 50 27.2	
PV05	comp=Z,1.9nm,1.5s	Paradox Valley	59.49	330	Iamb	Iamb	23 50 27.1	
PV12	comp=Z,2.0nm,0.6s	Saucer Basin,	59.52	330	Iamb	Iamb	23 50 27.6	
D62A	baz=187	Allapoint, All	59.56	5	P	P	23 50 26.1	+0.5
PV17	comp=Z,5.3nm,0.6s	East Wray Mesa	59.57	330	Iamb	Iamb	23 50 26.8	
D61A	baz=186	St Aubert, Com	59.60	4	P	P	23 50 26.2	+0.4
SPMN	baz=186	Marine on St.	59.61	346	P	P	23 50 25.1	-0.9
BC3	baz=160	Big Chuckawall	59.78	321	P	P	23 50 28.4	+0.9
W1								

15d Oh

ZAK	Zakamensk	80.36 326	eP	P	00 08 38.2	0.0
ZAK	Talaya	80.84 327J	eP	P	00 08 40.8	+0.2
TLY	Talaya	80.84 327	P	P	00 08 40.5	-0.1
TLY	Talaya	80.84 327	P	I	00 08 43.3	
GHO	Glory Hole Cre	82.07 21	I	A	00 08 49.4	
GLI	Glacier Island	82.14 22	I	A	00 08 50.7	
MOY	Mondo	82.25 326	eP	P	00 08 49.0	+0.8
TAPN	Tapeljung	82.28 300	eP	P	00 08 49.6	+0.5
FID	Port Fidalgo	82.28 23	I	A	00 08 51.1	
ODAN	Odare	82.41 299	eP	P	00 08 50.5	+0.7
TRF	Thorofore Moun	82.76 19	I	A	00 10 45.2	
RDOG	Red Dog Mine	82.94 12	I	A	00 08 53.2	
RAMN	Ramnit	83.13 299	eP	P	00 08 53.8	+0.4
RND	Reindeer	83.20 20	I	A	00 08 54.0	
MAW	Mawson	83.33 202	eP	P	00 08 54.6	+1.2
MAW	Mawson	83.33 202	eP	P	00 08 54.9	+1.5
MCK	McKinley	83.40 20	I	A	00 08 55.4	
DHY	Denali Highway	83.48 20	I	A	00 08 55.8	
IMAR	Indian Mountain	83.54 16	P	P	00 08 54.2	-0.1
JIRN	Jiri	83.66 300	eP	P	00 08 56.8	+0.4
GLB	Gilfingha Butte	83.73 23	I	A	00 08 57.4	
VRDI	Verde Repeater	83.73 23	I	A	00 08 57.6	
NEA	Nenana	83.93 19	I	A	00 08 57.2	
MCARA	McCarthy VSAT	83.99 23	I	A	00 08 58.8	
GUN	Gumba	84.00 300	eP	P	00 08 58.4	+0.3
BALM	Baldy	84.05 24	I	A	00 08 59.2	
WRH	Wood River Hill	84.17 19	I	A	00 08 59.0	
PKI	Pulchoki	84.31 299	eP	P	00 08 59.7	+0.1
PKIN	Pulchoki	84.32 299	eP	P	00 08 59.8	+0.2
KKN	Kakani	84.47 300	eP	P	00 09 00.7	+0.4
HDA	Harding Lake	84.50 20	P	P	00 09 00.0	+0.7
TCOL	CIGO, UAF Yank	84.51 19	P	P	00 08 59.9	+0.6
COLA	COLA	84.52 19	P	P	00 08 58.8	-0.5
COLA	COLA	84.52 19	P	P	00 08 58.8	-0.5
DMN	Daman	84.58 299	eP	P	00 09 01.4	+0.5
MENT	Mentasta	84.68 22	I	A	00 09 02.7	
IL31	IL31	84.76 19	I	A	00 09 01.7	
ILAR	Eielson Array	84.76 19	P	P	00 09 00.1	-0.5
ILAR	Eielson Array	84.76 19	P	P	00 08 59.9	-0.7
GKN	Gorkha	85.08 300	eP	P	00 09 03.2	-0.1
BCAR	Beaver Creek A	85.46 22	P	P	00 09 03.4	-0.9
O02D	Mt. Diablo Mer	85.62 48	P	P	00 09 07.3	+1.6
K02D	Willamette Mer	85.83 45	P	P	00 09 08.1	+1.5
HYT	Haines Junctio	85.89 25	P	P	00 09 06.0	-0.5
TIXI	Tiksi	85.90 350	iP	P	00 09 06.2	+0.1
TIXI	Tiksi	85.90 350	iP	P	00 09 08.4	-1.4
DANN	Dangsing	85.92 300	eP	P	00 09 07.2	-0.4
WDC	Whiskeytown Da	85.93 47	P	P	00 09 07.0	-0.1
WDC	Whiskeytown Da	85.93 47	P	P	00 09 07.0	-0.1
N02D	Trinity Center	85.94 47	P	P	00 09 08.5	+1.4
M02C	Callahan	85.97 47	P	P	00 09 08.7	+1.4
SKAG	Skagway	86.12 27	I	A	00 09 10.5	
SMMC	Simmler	86.26 53	P	P	00 09 10.2	+1.4
PKM	Mcperson Peak	86.28 53	P	P	00 09 10.1	+0.9
ORV	Oroville	86.37 49	P	P	00 09 08.5	-0.8
ORV	Oroville	86.37 49	P	P	00 09 08.5	-0.8
ORV	Oroville	86.37 49	P	P	00 09 08.5	-0.8
O03E	Paynes Creek	86.38 48	P	P	00 09 10.3	+0.9
TOLK	Toolik Lake Re	86.57 16	P	P	00 09 10.5	+0.9
AFDM	Fort Hills D	86.58 49	I	A	00 09 12.2	
M04C	Macdoel	86.81 46	P	P	00 09 13.4	+1.8
DAWY	Dawson	86.92 22	I	A	00 09 13.7	
ARVC	Arvin	87.12 53	P	P	00 09 14.3	+1.3
BMAR	Burnt Mountain	87.19 18	P	P	00 09 12.9	+0.3
WMQ	WMQ	87.32 316	iP	P	00 09 25.3	+0.4
WMQ	WMQ	87.32 316	iP	P	00 19 36.6	-2.4
WMQ	WMQ	87.32 316	iP	P	00 19 49.9	-2.0
WMQ	WMQ	87.32 316	iP	P	00 19 49.9	-2.0
WMQ	WMQ	87.32 316	iP	P	00 19 49.9	-2.0
ISA	Isabella, Lake	87.55 53	P	P	00 09 16.0	+0.9
WAKR	Walker	87.60 50	I	A	00 09 17.9	
J05D	Fort Rock, OR	87.70 45	P	P	00 09 16.5	+0.7
EDWD	Edwards Air Fo	87.72 54	P	P	00 09 16.8	+0.9
BFSC	Mount Baldy Ra	87.82 55	P	P	00 09 17.6	+1.0
PINE	Pine Mountain	88.06 45	I	A	00 09 20.0	
CWC	Cottonwood Cre	88.07 52	P	P	00 09 19.1	+1.3
LRCM	Laurel Mtn Rd	88.12 53	P	P	00 09 18.6	+0.6
MPMC	Manual Prospec	88.43 53	P	P	00 09 20.3	+0.8
NVAR	Mina Array Bea	88.43 50	P	P	00 09 20.2	+0.7
NVAR	Mina Array Bea	88.43 50	P	P	00 09 17.9	-1.5
MONP2	Monument Peak	88.47 56	P	P	00 09 20.9	+1.2
NV11	Mina Array Sit	88.55 50	I	A	00 09 22.1	
KVN	Kaiserville	88.75 50	I	A	00 09 23.4	
GSC	Goldstone, Bar	88.77 54	P	P	00 09 22.1	+1.1

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SWSC	Sam W. Stewart	88.99 56	P	P	00 09 23.4	+1.4
FURC	Furnace Creek,	89.02 53	P	P	00 09 23.4	+1.4
HEC	Hector, Ludlow	89.02 54	P	P	00 09 22.7	+0.5
BELC	Belle Mtn. Jos	89.09 55	P	P	00 09 23.6	+1.0
EPYK	Eagle Plains Cr	89.11 21	P	P	00 09 23.2	+1.3
WVOR	Wild Horse Val	89.28 47	I	A	00 09 25.8	
SHOC	Shoshone, Teco	89.34 53	P	P	00 09 24.9	+1.3
GDZ	Jazzator, Alta	89.35 321	dIP	P	00 09 23.7	+0.2
BC3	Big Chuckawall	89.44 56	P	P	00 09 25.4	+1.1
TUQ	Turquoise Moun	89.50 54	P	P	00 09 25.8	+1.3
GMRC	Granite Mounta	89.55 54	P	P	00 09 26.0	+1.3
TPNV	Topopah Spring	89.62 52	P	P	00 09 26.2	+1.1
JPNV	Topopah Spring	89.62 52	I	A	00 09 27.2	
08A	Circle Bar Ran	89.65 46	I	A	00 09 27.3	
IRM	Iron Mountain	89.81 55	P	P	00 09 27.1	+1.2
G08A	Pilot Rock	89.85 44	I	A	00 09 28.1	
SHPR	Sheep Range	90.36 53	P	P	00 09 29.3	+0.8
B08A	Colville Reser	90.47 41	I	A	00 09 31.9	
R11A	Troy Canyon, C	90.47 51	P	P	00 09 30.0	+1.0
SYO	Syowa Base	90.61 198f	eP	P	00 09 29.1	+0.3
SYO	Syowa Base	90.61 198f	eP	P	00 09 31.6	+1.9
PDMC1	Parker Dam, Lak	90.66 55	P	P	00 09 31.6	+1.9
BMO	Blue Mountains	90.86 44	I	A	00 09 32.7	
F10A	Beach Ranch, E	91.21 43	I	A	00 09 34.1	
214A	Organ Pipe Nat	91.22 58	P	P	00 09 34.6	+2.2
MFID	Camas Ranch	91.53 46	I	A	00 09 36.0	
MKAN	Makanchi Array	91.82 317	P	P	00 09 35.7	+0.8
MKAN	Makanchi Array	91.82 317	P	P	00 09 35.0	+0.1
MKAN	Makanchi Array	91.82 317	P	P	00 09 35.0	+0.1
NEW	Newport	91.87 41	P	P	00 02 43.7	
MAKZ	Makanchi	92.03 317	P	P	00 09 35.8	+0.9
MAKZ	Makanchi	92.03 317	P	P	00 09 36.8	+0.9
ZAAO	Zalesovo Array	92.17 325	I	A	00 09 36.9	
ZALV	Zalesovo Beam	92.17 325	P	P	00 09 36.0	-0.2
ZALV	Zalesovo Beam	92.17 325	P	P	00 09 35.6	-0.6
DUG	Dugway, Tooele	92.99 50	P	P	00 09 40.7	+0.2
DLMT	Dillon	94.22 45	I	A	00 10 02.2	
C36M	Paulatuk	94.72 20	P	P	00 09 47.8	+0.2
C36M	Paulatuk	94.72 20	I	A	00 09 48.5	
KSH	Kashi	94.75 309	P	P	00 09 50.5	+1.8
KSH	Kashi	94.75 309	P	P	00 10 01.1	+0.6
KSH	Kashi	94.75 309	P	P	00 10 04.8	-2.3
KSH	Kashi	94.75 309	P	P	00 20 57.0	-2.9
KSH	Kashi	94.75 309	P	P	00 09 48.5	
KSH	Kashi	94.75 309	P	P	00 09 50.5	+1.8
KURK	Kurchatov	95.08 321	dIP	P	00 09 48.8	-0.9
KURK	Kurchatov	95.08 321	dIP	P	00 09 49.7	0.0
KURK	Kurchatov	95.08 321	dIP	P	00 09 50.7	
A36M	Sachs Harbour	95.26 17	P	P	00 09 51.0	+1.0
NR1K	Norilsk	95.45 340	P	P	00 09 49.9	-1.1
BW06	Boulder Array	95.89 48	P	P	00 09 54.2	+0.3
PDAR	Pinedale Array	95.89 48	P	P	00 09 53.3	-0.6
SNA4	Sanae	96.58 185	P	P	00 09 56.7	+0.4
YKA	Yellowknife Ar	96.58 28	P	P	00 09 55.5	-0.9
EGMT	Easton	96.64 42	P	P	00 09 57.6	+0.6
ANMO	Albuquerque	97.00 56j	eP	P	00 09 58.6	-0.5
ANMO	Albuquerque	97.00 56j	eP	P	00 09 59.0	-0.1
ANMO	Albuquerque	97.00 56j	eP	P	00 09 59.0	-0.1
VNA3	Neumayer Olymp	97.41 182	P	P	00 10 00.9	+0.8
VNA2	Neumayer-Watz	97.61 183	P	P	00 10 02.3	+1.4
RAYN	Ar Rayn	118.41 291	P	P	00 15 17.3	+0.2
RAYN	Ar Rayn	118.41 291	P	P	00 15 17.3	+0.2
OBN	Obninsk	119.59 328	ePKIKP	PKP	00 15 14.7	-1.6
VSR	Storozhevo	119.63 323	iPKIKP	PKIKP	00 15 16.4	-0.2
LPZ4	La Paz	122.58 118	PKP	PKIKP	00 15 25.4	+1.2
LPZ4	La Paz	122.58 118	PKP	PKIKP	00 15 25.6	+1.4
BOSA	Bosho	122.89 225	PKP	PKIKP	00 15 25.4	+1.4
KMBO	Kilima Mbagwe	124.52 261	PKP	PKIKP	00 15 29.9	+2.3
KMBO	Kilima Mbagwe	124.52 261	PKP	PKIKP	00 15 30.0	+2.3
LBTB	Lobatse	124.80 229	PKP	PKP	00 15 27.4	-0.1
AKASG	Malin Array Be	125.55 328	P	P	00 15 28.3	0.0
CPUP	Villa Florida	125.87 134	PKP	PKIKP	00 15 30.0	+0.2
CPUP	Villa Florida	125.87 134	PKP	PKIKP	00 15 29.6	-0.2
CPUP	Villa Florida	125.87 134	PKP	PKIKP	00 15 29.6	-0.2
CPUP	Villa Florida	125.87 134	PKP	PKIKP	00 15 17.6	-4.9
BRTR	Keskin Array B	127.07 311	PKP	PKIKP	00 15 31.9	0.0
BRTR	Keskin Array B	127.07 311	PKP	PKIKP	00 15 32.1	+0.2
SDV	Santo Domingo	127.37 87	PKP	PKIKP	00 15 33.4	+0.2
SDV	Santo Domingo	127.37 87	PKP	PKIKP	00	

15d 0h

Table with columns for station code, name, coordinates, and various performance metrics (P, S, eP, eS, etc.) for stations like INCN, NYKOM, QIZ, YSS, USA0B, etc.

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Table with columns for station code, name, coordinates, and various performance metrics for stations like XAN, KMI, CMAR, MA2, ZEA, etc.

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Table with columns for station code, name, coordinates, and various performance metrics for stations like ZAK, IRK, TLY, RCO1, SKT, etc.

Table with columns: PKM, Mcpherson Peak, 86.22, 53, P, P, 00 20 33.5 +1.3, etc. Includes rows for ORV Oroville, O03E Paynes Creek, AFDM Forest Hills D, etc.

Table with columns: R11A Troy Canyon, 90.41, 51, P, P, 00 20 52.8 +0.7, etc. Includes rows for B08A Colville Reser, PDMCI Parker Dam, SYO Syowa Base, etc.

Table with columns: P38A Dawn, 107.58, 52, IAMS_20, IAMS_20, 01 19 48.0, etc. Includes rows for UALR University of, P40A Paris, I40A Norwalk, etc.

15d 1h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 30.04, WAKE ISLAND Hy 30.04, WAKE ISLAND Hy 30.05, etc.

NIED 15 01:35:00, 38.00N, 141.90E, h44km, Mw4.1. Best double couple: M1, 340000, 1015, N1: 13.00000, S85.00000, L-63.00000, N12: 213.00000, S28.00000, L-169.00000.

IDC 15 01:35:06.2, 0.7, 37.91N, 142.11E, h0km, mb3.8/1.3, mb1 4.0/18, mb1mx3.8/6.0, mbtmp3.9/18, ML3.8/4, MS3.0/5, Ms1 3.0/5, ms1mx2.7/5.0, Error ellipse: s-maj=20.9km s-min=12.6km az=114.0.

JMA 15 01:35:11.9, 0.1, 37.96N, 141.91E, h44km, Mw4.1, M4.1 JMA Feil II J1. NEIC 15 01:35:11.3, 1.7, 37.90N, 0.07, 142.2E, 0.1, h45km, 2km, mb4.2/2, Error ellipse: s-maj=16.6km s-min=8.1km az=110.0.

ISC 15 01:35:10.5, 2.4, 37.92N, 0.04, 142.03E, 0.08, h31km, 1.6km, n2, r13173, mb3.9/1.3, Off east coast of Honshu

Main table for 15d 1h section, listing station codes, names, and seismic data for various stations like IJHK, IJKH, IJO, etc.

IDC 15 01:40:50.0, 0.7, 1.55S, 120.25NE, h0km, mb3.9/1.4, mb1 4.1/16, mb1mx3.9/4.5, mbtmp4.0/16, ML3.9/2, MS3.4/6, Ms1 3.4/6, ms1mx3.0/3.9, Error ellipse: s-maj=24.6km s-min=13.3km az=5.0.

DJA 15 01:40:53.0, 0.2, 2.52, 12.0E, h10km, M4.7/12, mB5.1/2,

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mb4.9/4, MLV4.6/12, Mw(MB)4.4/2, NEIC 15 01:40:55.7, 1.2, 1.54S, 0.07, 120.26E, 0.06, h41km, 7km, mb4.5/13, Error ellipse: s-maj=10.4km s-min=8.3km az=178.0.

ISC 15 01:40:53.2, 2.3, 1.53S, 0.04, 120.22E, 0.04, h18km, 9km, n52, r12258, mb4.1/19, MS3.2/3, Sulawesi

Main table for 2014 APR section, listing station codes, names, and seismic data for various stations like Tana Toraja, Madapa, Sidrap Palu, etc.

1100

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CONA, TRPA, BRG, etc.

IDC 15 01:45:02.7, 1.2, 5.84S, 150.57E, h72km, 20km, mb3.6/5, mb1 3.6/7, mb1mx3.5/34, mbtmp4.0/7, Error ellipse: s-maj=33.8km s-min=24.1km az=137.0.

ISC 15 01:45:01.9, 1.1, 6.05, 0.2, 150.7E, 0.2, h48km, n7, r155/9, mb3.8/5, New Britain region

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

IDC 15 01:52:23.0, 1.9, 11.35S, 162.10E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.7/36, mbtmp3.8/6, ML4.1/1, Error ellipse: s-maj=39.9km s-min=31.0km az=125.0.

ISC 15 01:52:24.6, 1.5, 11.33S, 0.2, 161.9E, 0.2, h10km, n12, r186/7, mb3.6/5, Bougainville-Solomon Islands region

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

NEIC 15 01:54:26.9, 1.1, 11.26S, 0.07, 162.02E, 0.05, h10km, 1km, mb4.7/17, Error ellipse: s-maj=12.4km s-min=8.6km az=10.0.

IDC 15 01:54:26.2, 0.7, 11.27S, 161.92E, h0km, mb4.2/16, mb1 4.3/18, mb1mx3.2/38, mbtmp4.2/18, ML4.1/2, MS3.5/12, Ms1 3.8/3, ms1mx3.3/33, Error ellipse: s-maj=19.7km s-min=17.7km az=125.0.

ISC 15 01:54:26.8, 0.5, 11.32S, 0.06, 162.01E, 0.08, h10km, n61, r157/56, mb4.4/22, MS3.6/10, Bougainville-Solomon Islands region

Main table for 1100 section, listing station codes, names, and seismic data for various stations like HNR, HNR, HNR, etc.

Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HNR, HNR, HNR, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like RNPZ, FITZ, KRSR, USRK, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like H11S1, H11N1, H11N3, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like I0B80, I41PY, I09BR, etc.

INDC 15 02:21:56.6:999.0,16'43S,71'27W,h0km, Error ellipse: s-maj=513.2km s-min=63.9km az=67.0, Southern Peru

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like NNC, KK31, I41PY, etc.

INDC 15 02:34:36.6:1.3861N,70'23E,h0km,23km,mb4.0, mpv3.6,6C-7D, Error ellipse: s-maj=43.1km s-min=22.5km az=21.0, Afghanistan-Tajikistan border region

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like SJA, IDC, NEIC, etc.

INDC 15 02:40:18.7:0.9,19'92S,71'04W,h10km,5km,ML4.2, MW4.1

INDC 15 02:40:19.8:1.1,19'78S,70'75W,h0km,mb4.1/6, mb1.4/2.8, mb1mx3.9/27, mbtmp4.1/8, ML4.1/2, MS3.5/5, Ms1.3/5.5, ms1mx3.1/30, Error ellipse: s-maj=29.2km s-min=2.1km az=73.0

NEIC 15 02:40:20.4:1.3,19.96S,70'92W,h18km,Moment Tensor Solution, Moment tensor: Scale 10^19Nm, Mr=0.02; Mw=0.27; Mo=0.29; Mo=0.60; Mo=0.74; Mr=2.87; Fault plane solution: Ms3.04000;10^15 NP1=364.56000, 389.98000, lambda=105.10000. NP2=258.46000, 315.10000, lambda=0.10000. Principal axes: T 3.0187, P1g4.0000, Azm93.0000; N 0.0399, P1g15.0000, Azm349.0000; P -3.0586, P1g43.0000, Azm244.0000

NEIC 15 02:40:20.5:0.9,19'32S,71'06W,h37km,2km,ML4.2, GUC 15 02:40:20.5:0.9,19'32S,71'06W,h37km,2km,ML4.2, VAO 15 02:40:24.1:0.9,19'78S,70'95W,h45km,7km,mb4.3, n108, n108.04/132, mb4.3/7, 9C-2D, Near coast of northern Chile

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like PSCG, TA01, PATCX, etc.

INDC 15 01:59:14.2,18'28N,64'90W,h57km,1km,3C-3D, Virgin Islands

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like STVI, MTP, HUMP, etc.

INDC 15 01:59:39.1:1.3,7.05S,154'84E,h0km,mb3.8/9, mb1.4/1.9, mb1mx3.6/28, mbtmp3.8/9, MS3.2/1, Ms1.3/2.1, ms1mx2.6/27, Error ellipse: s-maj=56.0km s-min=22.0km az=134.0

INDC 15 01:59:39.1:1.3,7.05S,154'84E,h0km,mb3.8/9, n116/9, mb3.8/9, Bougainville-Solomon Islands region

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like WRA, ASAR, FITZ, etc.

INDC 15 02:05:51.0:11.0,11'56S,162'91E,h0km,mb3.8/4, mb1.3/9.4, mb1mx3.6/28, mbtmp3.8/4, MS3.2/1, Ms1.3/2.1, ms1mx2.7/28, Error ellipse: s-maj=324.8km s-min=40.4km az=121.0, Bougainville-Solomon Islands region

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like PB07, IPOC, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like PB16, IPOC, etc.

INDC 15 02:21:56.6:999.0,16'43S,71'27W,h0km, Error ellipse: s-maj=513.2km s-min=63.9km az=67.0, Southern Peru

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like PB03, PB09, etc.

INDC 15 02:40:18.7:0.9,19'92S,71'04W,h10km,5km,ML4.2, MW4.1

INDC 15 02:40:19.8:1.1,19'78S,70'75W,h0km,mb4.1/6, mb1.4/2.8, mb1mx3.9/27, mbtmp4.1/8, ML4.1/2, MS3.5/5, Ms1.3/5.5, ms1mx3.1/30, Error ellipse: s-maj=29.2km s-min=2.1km az=73.0

NEIC 15 02:40:20.4:1.3,19.96S,70'92W,h18km,Moment Tensor Solution, Moment tensor: Scale 10^19Nm, Mr=0.02; Mw=0.27; Mo=0.29; Mo=0.60; Mo=0.74; Mr=2.87; Fault plane solution: Ms3.04000;10^15 NP1=364.56000, 389.98000, lambda=105.10000. NP2=258.46000, 315.10000, lambda=0.10000. Principal axes: T 3.0187, P1g4.0000, Azm93.0000; N 0.0399, P1g15.0000, Azm349.0000; P -3.0586, P1g43.0000, Azm244.0000

NEIC 15 02:40:20.5:0.9,19'32S,71'06W,h37km,2km,ML4.2, GUC 15 02:40:20.5:0.9,19'32S,71'06W,h37km,2km,ML4.2, VAO 15 02:40:24.1:0.9,19'78S,70'95W,h45km,7km,mb4.3, n108, n108.04/132, mb4.3/7, 9C-2D, Near coast of northern Chile

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like SAML, CPUP, etc.

INDC 15 01:59:14.2,18'28N,64'90W,h57km,1km,3C-3D, Virgin Islands

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like VAO, PARB, etc.

INDC 15 01:59:39.1:1.3,7.05S,154'84E,h0km,mb3.8/9, mb1.4/1.9, mb1mx3.6/28, mbtmp3.8/9, MS3.2/1, Ms1.3/2.1, ms1mx2.6/27, Error ellipse: s-maj=56.0km s-min=22.0km az=134.0

INDC 15 01:59:39.1:1.3,7.05S,154'84E,h0km,mb3.8/9, n116/9, mb3.8/9, Bougainville-Solomon Islands region

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like WRA, ASAR, FITZ, etc.

INDC 15 02:05:51.0:11.0,11'56S,162'91E,h0km,mb3.8/4, mb1.3/9.4, mb1mx3.6/28, mbtmp3.8/4, MS3.2/1, Ms1.3/2.1, ms1mx2.7/28, Error ellipse: s-maj=324.8km s-min=40.4km az=121.0, Bougainville-Solomon Islands region

15d 2h

Table with 5 columns: Station Name, Frequency, Power, and other technical details for stations like PYAG, PYS, WONS, and KGE.

MAN 15 02:43:45.7, 8.85N, 126.78E, h1km, mb5.7, ML4.7, MS5.1
MOS 15 02:43:48.3, 0.9, 8.88N, 126.50E, h43km, mb5.2/43,
MS4.0/4, Error ellipse: s-maj=9.3km s-min=5.0km
az=107.1

BUI 15 02:43:48.8, 0.0, 8.92N, 126.53E, h40km, mb5.0/46,
mb4.9/60, MS4.5/48, MS7.4/343

IDC 15 02:43:50.5, 0.7, 8.86N, 126.64E, h44km, mb4.6/38,
mb1.4/740, mb1mx4.6/48, mbtmp4.8/40, ML4.2/2, MS3.9/35,
MS1.4/0.35, ms1mx3.8/55, Error ellipse: s-maj=14.0km
s-min=7.9km az=80.0

GCMT 15 02:43:50.9, 0.3, 8.84N, 0.02, 126.83E, 0.02, h30km,
MW4.9/77, Moment Tensor Solution, s2,c57, s77,c104;
Duration: 0 Moment tensor: Scale 10^10Nm; Mr2,67; 15;
Mw0.13; 0.9; Mw2-2.0; 1.0; Mw0.18; 1.4; Mw0.11; 0.6;
Mw1.81; 1.4; Best double couple: Ms2.87000, 10^16
NP1: 173.00000, s2, 82.00000, s2, 82.00000, NP2:
0.2, 0.00000, s2, 62.00000, s2, 194.00000; Principal axes: T
3.2280, Plg73.0000, Azm283.0000; N 0.1130,
Plg4.0000, Azm180.0000; P -3.3450, Plg17.0000,
Azm89.0000; nsia1 refers to body waves, cutoff=40s.
nsia2 refers to surface waves, cutoff=50s. Triangular
moment-rate function.

DJA 15 02:43:50.6, 0.6, 9.14N, 127.7E, h54km, mb5.1/37,
mb5.2/37, mb5.4/23, MLV5.8/17, Mw(mB)4.9/23

NEIC 15 02:43:51.9, 1.3, 8.84N, 0.06, 126.59E, 0.08, h63km, mb5.0/4m,
mb5.0/118, Error ellipse: s-maj=12.2km s-min=9.2km
az=86.0

KLM 15 02:43:54.0, 9.01N, 126.87E, h80km, mb5.0
ISC 15 02:43:51.3, 0.5, 8.85N, 0.03, 126.63E, 0.04, h54km, 3km,
h55km: p-P, n403, s1917/374, mb5.0/137, MS4.0/47,
31C-13D, Mindanao

Main station list table with columns: Code, Station Name, Frequency, Power, and other technical details for various stations across the region.

2014 APR

Main station list table for the 2014 APR section, containing station names, frequencies, and power levels.

110Z

Main station list table for the 110Z section, containing station names, frequencies, and power levels.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KZA, TKM2, ZAAO, ZALV, etc.

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DESE, H01W2, H01W3, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NNZ, PSA00, SNZO, etc.

15d 3h

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like NAZ, HATD, GARC, UOSS, GOA, CUSE, BETH, UMUM, etc.

2014 APR

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MDRS, LEM, DFRA, NASC, CMAR, TUMC, KRJI, etc.

1106

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like GAZI, MORF, MORF, MORF, MORF, etc.

CLL		eSdif	Sdif	04 23 04.0	+5.5		
CLL		ePS	PS	04 24 42.0	+2.9		
CLL		eSS	SS	04 30 19.0	+0.7		
CLL		eSSS	SSS	04 34 12.0			
CLL		eLmax		04 47 00.0			
CLL	Colim	104.61	3	eP	Pdif	04 11 11.0	+4.3
CLL	comp=Z,21nm,1.1s,baz=181,slow=4.6						
CLL	Colim	104.61	3	eP	Pdif	04 11 10.0	+3.3
CLL	comp=Z,2.5nm,0.9s,baz=225,slow=5.0,SNR=14						
CLL		e		04 15 27.0			
CLL		e		04 21 50.0			
CLL	comp=Z,767nm,3.2s						
CLL	Colim	104.61	3	IAMS_20	IAMS_20	04 58 01.2	
AGT	Agartala	104.63	70	i x	SP	04 24 30.0	-9.0
AGT	comp=Z,28um,20.0s						
BUG	Bochum-Univer	104.69	359	ePP	PP	04 15 26.6	-0.7
CMAR	Chiang Mai Arr	104.78	79	Pdif	Pdif	04 11 09.6	+1.3
CMAR	comp=Z,2.5nm,0.9s,baz=225,slow=5.0,SNR=14						
CMAR		e		04 15 22.7	-5.6		
CMAR	comp=Z,4.4nm,1.0s,baz=229,slow=6.7,SNR=6.6						
CMAR		e		04 26 45.6	-4.2		
CMAR	comp=Z,0.3nm,0.3s,baz=214,slow=29,SNR=4.1						
CMAR		e		04 26 56.4	-3.4		
CMAR	comp=Z,0.7nm,0.7s,baz=348,slow=3.0,SNR=6.2						
CMAR		e		04 27 11.8	+3.4		
CMAR	comp=Z,1.4nm,0.9s,baz=21,slow=3.3,SNR=27						
CMAR	Chiang Mai Arr	104.78	79	P	Pdif	04 11 06.7	-1.6
CMAR	Chiang Mai Arr	104.78	79	Pdif	Pdif	04 11 06.7	-1.6
GTG	Gottingen	104.79	1	ePP	PP	04 15 26.6	-1.5
HTL	Hartland	104.82	351	eP	PP	04 15 31.2	+2.8
HTL	comp=Z,32um,18.6s						
RAR	Rarotonga	104.83	191	IAMS_20	IAMS_20	04 53 22.2	
CLZ	Clausthal	105.09	9	eP	Pdif	04 11 12.1	+3.2
CLV	comp=Z,73nm,2.0s,baz=181,slow=4.6						
TL	T L	105.32	91	IAMS_20	IAMS_20	04 51 53.0	
AKASG	Malin Array B	105.36	13	Pdif	Pdif	04 11 10.9	+0.8
AKASG	comp=Z,2.8nm,0.7s,baz=194,slow=4.6,SNR=17						
AKASG		e		04 15 28.5	-3.9		
AKASG	comp=Z,9.7nm,0.9s,baz=203,slow=7.6,SNR=15						
AKASG		e		04 27 06.5	+3.9		
AKASG	comp=Z,4.3nm,0.9s,baz=13,slow=4.2,SNR=10						
AKASG	Malin Array B	105.36	13	P	Pdif	04 11 10.3	+0.3
AKASG	Malin Array B	105.36	13	Pdif	Pdif	04 11 10.3	+0.3
AKBS	Malin Array S	105.36	13	IAMS_20	IAMS_20	05 00 31.3	
ASSE	Asse, Remlinge	105.38	1	eP	Pdif	04 11 13.7	+3.6
ASSE	comp=Z,45nm,1.5s,baz=181,slow=4.6						
IBBN	Ibbenbuisch	105.55	359	ePP	PP	04 15 33.4	-0.3
NRDL	Niedersach Ri	105.74	1	eP	Pdif	04 11 15.6	+4.0
NRDL	comp=Z,87nm,1.9s,baz=181,slow=4.6						
NRDL		e		04 15 33.2	-1.9		
RSBS	Rosebush, Pemb	105.79	351	eP	PP	04 15 34.4	-1.2
RSBS	comp=Z,44um,25.4s						
RUE	Ruedersdorf	105.80	3	ePP	PP	04 15 33.0	-2.6
RUE	Ruedersdorf	105.80	3	ePP	PP	04 15 32.9	-2.6
GTK	Tadong	105.88	66	eP	Pdif	04 11 16.5	+3.3
GTK	comp=Z,30um,25.4s						
WACR	West Acre	106.18	355	eP	PP	04 15 37.2	-1.1
WACR	comp=Z,46um,27.3s						
SHL	Shilling	106.30	69	eP	Pdif	04 11 20.3	+5.1
SHL	comp=Z,59um,33.5s						
SHL		e		04 24 55.7			
SHL		e		04 47 40.5			
FOEL	Foel Wyifa	106.59	353	eP	PP	04 15 38.1	-3.3
FOEL	comp=Z,37um,18.2s						
PAMT	Pamati, Papee	106.67	202	IAMS_20	IAMS_20	04 50 45.0	
PPT2	Papeete2	106.67	202	ePdif	Pdif	04 11 15.9	-1.1
PPT2	comp=Z,22um,20.0s						
PPT2	Papeete2	106.67	202	ePP	PP	04 15 37.3	-4.0
PPT2	comp=Z,690nm,27.2s						
PPT2	Papeete2	106.67	202	ePP	PP	04 15 37.3	-4.0
PPT2	comp=Z,3um,27.8s						
PPT2		e		04 21 55.7	-1.7		
PPT2	comp=Z,7um,26.8s						
PPT2		e		04 23 14.0	-3.8		
PPT2	comp=Z,9um,27.5s						
PPT2	Papeete2	106.67	202	ePS	PS	04 24 59.3	-1.0
PPT2	comp=Z,12um,28.0s						
PPT2		e		04 30 49.3	+4.3		
PPT2	comp=Z,29um,26.2s						
PPT2	Papeete2	106.67	202	eLQ	LQ	04 41 34.5	
PPT2	comp=Z,92um,31.8s						
PPT2		e		04 46 28.5			
LMK	Markset Rasen	106.96	354	eP	PP	04 15 40.5	-3.6
LMK	comp=Z,50um,24.2s,baz=175						
LMK		e		04 24 58.7			
LMK		e		04 58 01.0			
WPS	Cemaes, Angles	107.21	352	eP	PP	04 15 41.8	-4.1
WPS	comp=Z,44um,20.1s						
WPS		e		04 25 02.5			
WPS		e		04 53 04.1			
VORD	Divnogorie	107.32	20	eP	Pdif	04 11 21.6	+2.8
VORD	comp=Z,38um,25.2s						
VORD		e		04 15 46.5			
VSR	Storozhevoje	107.54	20	eP	Pdif	04 11 23.1	+3.4
VSR	comp=Z,10.0nm,1.6s						
VSR		e		04 15 47.6			
VSR		ePS	PS	04 25 03.8	-5.6		
VSR		e		04 25 03.8	-5.6		
HPK	Haverah Park	107.54	354	eP	PP	04 15 44.0	-4.4
HPK	comp=Z,70um,22.0s						
NIUE	Niue	107.61	181	IAMS_20	IAMS_20	04 55 51.9	
RGN	Rugen	107.86	3	ePP	PP	04 15 50.9	+0.2
RGN	comp=Z,23um,20.0s						
RGN	Rugen	107.86	3	IAMS_20	IAMS_20	05 01 44.2	
SUW	Suwalki	107.92	9	IAMS_20	IAMS_20	05 03 02.2	
SUW	comp=Z,25um,20.0s						
PMG	Port Moresby	108.04	137	PP	PP	04 15 48.5	-3.1
PMG	comp=Z,1.1nm,0.8s,baz=226,slow=9.7,SNR=1.5						
PMG	Port Moresby	108.04	137	IAMS_20	IAMS_20	05 02 05.0	
VRH	Novokhoporsky	108.05	21	eP	Pdif	04 11 24.9	+2.9
VRH	comp=Z,22um,20.0s						
VRH		ePS	PS	04 25 09.5	-5.1		
VRH		e		04 25 09.5	-5.1		
IOMK	Kirk Michael	108.06	352	eP	PP	04 15 46.1	-6.1
IOMK	comp=Z,10.0nm,0.8s						
IOMK		e		04 55 41.4			
KESW	Keswick, Cumb	108.27	353	eP	PP	04 15 46.0	-7.7
KESW	comp=Z,74um,22.3s						
LPSR	Galich'ya Gora	108.81	19	eP	Pdif	04 11 29.5	+4.2
LPSR	comp=Z,31um,20.1s						
LPSR		ePS	PS	04 25 19.0	-3.3		
LPSR		e		04 25 19.0	-3.3		
LPSR	comp=Z,10.0nm,1.0s						
LPSR		e		04 15 49.6	-8.6		
LPSR	comp=Z,50nm,2.5s						
NEWG	New Galloway	108.89	352	eP	PP	04 15 49.6	-8.6
NEWG	comp=Z,39um,21.4s						
MICGM	Minsk	108.91	12	eP	Pdif	04 11 28.0	+2.3
MICGM	comp=Z,29nm,24.0s						
MICGM		e		04 15 22.0	-8.2		
MICGM		e		04 15 53.0	-5.3		
MICGM		e		04 18 18.0			
MICGM		e		04 21 52.0	-13		
MICGM		e		04 22 51.0	-9.3		
MICGM		e		04 23 46.0			
MICGM		e		04 25 20.0	-3.3		
MICGM		e		04 31 06.0	-1.1		
MICGM		e		04 35 22.0			
MICGM		e		04 49 20.0			
MICGM		e		04 58 14.0			
MICGM	comp=Z,74nm,25.0s						
MICGM		e		04 58 16.0			
MICGM	comp=Z,105nm,24.0s						
MICGM		e		04 58 16.0			
MICGM	comp=N,68nm,22.0s						
MICGM		e		04 58 17.0			
MICGM	comp=N,38nm,24.0s						
MICGM		e		04 58 23.0			
MICGM	comp=N,54nm,22.0s						
MICGM		e		04 58 24.0			

comp=E,29nm,24.0s							
MNK	Minsk	108.91	12	eP	Pdif	04 11 28.0	+2.3
MNK		e		04 18 18.0			
MNK		e		04 25 20.0	-3.3		
MNK		e		04 32 22.0			
MNK		e		04 41 12.2	+2.4		
MNK		e		05 03 40.0			
MNK		e		04 15 51.1	-8.0		
MNK		e		04 55 33.6			
luzhnyay		108.92	44	ePP	PP	04 15 21.2	+2.4
IUG							
ESK	Esksdalemuir	109.01	353	eP	PP	05 04 00.7	
ESK	comp=Z,24um,22.8s						
ESK	Esksdalemuir	109.01	353	IAMS_20	IAMS_20	05 04 00.7	
ESK	comp=Z,23um,19.0s						
LSA	Lhasa	109.13	66	P	PP	04 16 02.5	+1.6
LSA	comp=N,53um,29.2s						
LSA		e		04 22 04.0	-3.6		
LSA	comp=E,58um,24.9s						
LSA		e		04 55 01.5			
LSA	comp=Z,112um,25.6s						
LSA	Lhasa	109.13	66	IAMS_20	IAMS_20	04 55 01.5	
LSA	comp=Z,24um,20.0s						
NACGM	Naroch	109.17	11	ePKP	PKIKP	04 15 49.0	+1.8
NACGM	comp=Z,20um,22.0s						
NACGM		e		04 19 42.0			
NACGM		e		04 22 10.0	+4.2		
NACGM		e		04 23 46.0	+4.4		
NACGM		e		04 26 07.0			
NACGM		e		04 34 20.0	+1.5		
NACGM		e		04 37 49.0			
NACGM		e		04 49 24.0			
NACGM		e		04 54 30.0			
NACGM		e		04 58 10.0			
CCIG	Comitan	109.36	271	IAMS_20	IAMS_20	04 55 53.3	
CCIG	comp=Z,20um,22.0s						
PABE	Paberz	109.47	9	ePP	PP	04 15 59.8	-2.6
ISAL	Salakas	109.76	10	ePP	PP	04 16 01.5	-3.0
PBUR	Paburge	109.81	8	ePP	PP	04 16 01.3	-3.6
IZAR	Zarasai	109.95	10	ePP	PP	04 16 03.9	-1.9
TEIG	Teipich	110.12	277	ePP	PP	04 16 05.9	-1.6
TEIG	comp=Z,0.2nm,0.3s,SNR=2.4						
TEIG	Teipich	110.12	277	eP	PP	04 16 07.0	-0.6
AML	Almayashu	110.44	46	P	PKIKP	04 15 34.8	+0.7
AML	Don=6.5						
DDMP	Don Marcelino,	110.72	109	eP	PP	04 16 13.2	+1.6
OBN	Obninsk	110.77	17	eP	Pdif	04 11 38.8	+4.8
OBN	comp=Z,290um,17.6s						
OBN		e		04 15 33.4			
OBN		e		04 16 10.5			
OBN		e		04 18 34.7			
OBN		e		04 25 38.4			
OBN	comp=Z,19um,20.0s						
OBN		e		04 16 18.8	+2.5		
OBN	Obninsk	110.77	17	IAMS_20	IAMS_20	05 01 29.7	
OBN	comp=Z,20um,21.0s						
PAGZ	Pagadian	110.82	106	eP	PP	04 16 14.8	+2.5
UCH	Uchto	110.88	46				

SSPA	Standing Stone	119.61 299		PKIKP	04 15 51.5 +0.3
K59A	Cooperston	119.62 303	P	PKIKP	04 15 51.7 +0.5
TMCR	Tamires	119.62 14	ePKIKP	PKIKP	04 15 50.8 +0.4
I60A	Shoreham	119.63 304	P	PKIKP	04 15 52.7 +1.7
O56A	Blue Knob Stat	119.69 298	P	PKPpdf	04 15 51.4 0.0
SS3A	Williamson	119.72 294	P	PKPpdf	04 15 50.0 -1.5
M57A	Sunshine Farm,	119.73 300	P	PKIKP	04 15 51.4 +0.1
SEM	Semipalatinsk	119.76 44	ePKP	PKPpdf	04 15 51.2 -0.2
SEM	SEM		eSS	PKPpdf	04 17 16.5 +0.9
SEM	Semipalatinsk	119.76 44	ePKIKP	PKPpdf	04 15 51.1 -0.2
SEM	SEM		eSS	PKPpdf	04 17 16.5
SEM	SEM		eSS	PKPpdf	04 33 40.0 -0.4
BINY	Binghamton	119.77 302	P	SS	04 15 51.7 +0.3
TS2A	Hallie	119.77 293	P	PKIKP	04 15 53.0 +1.3
P55A	Reedsville	119.81 297	P	PKIKP	04 15 52.4 +0.8
I59A	Olmsteadville	119.88 304	P	PKIKP	04 15 52.9 +1.3
K58A	Earlville	120.01 302	P	PKIKP	04 15 53.1 +1.2
N56A	West Decatur	120.03 299	P	PKIKP	04 15 54.2 +2.2
O55A	Ligonier	120.04 298	P	PKIKP	04 15 53.2 +1.1
L57A	Andrews Acres	120.06 301	P	PKIKP	04 15 52.2 +0.1
G60A	Masonville	120.08 306	P	PKIKP	04 15 53.3 +1.3
F61A	St Evariste	120.08 308	P	PKIKP	04 15 53.3 +1.3
R53A	Hurricane	120.09 295	P	PKIKP	04 15 53.6 +1.4
E61A	Lac Etchemin	120.18 308	P	PKPpdf	04 15 51.7 -0.3
T51A	Gray	120.20 292	P	PKIKP	04 15 52.8 +0.4
P54A	Burton	120.22 297	P	PKIKP	04 15 52.9 +0.4
Q53A	Leroy	120.25 295	P	PKPpdf	04 15 52.4 0.0
J58A	Remsen	120.26 303	P	PKIKP	04 15 52.9 +0.6
N55A	Marion Center	120.29 299	P	PKIKP	04 15 53.5 +0.9
M56A	Emporium	120.38 300	P	PKIKP	04 15 53.2 +0.5
H59A	Cadyville	120.41 305	P	PKIKP	04 15 52.7 +0.1
K57A	Scipio Center	120.43 302	P	PKIKP	04 15 52.8 +0.1
R52A	Cattlettsburg	120.47 294	P	PKIKP	04 15 53.8 +0.9
S51A	Beattyville	120.49 293	P	PKPpdf	04 15 51.9 -1.0
L56A	Greenwood	120.53 300	P	PKIKP	04 15 53.5 +0.5
F60A	Warwick	120.53 307	P	PKIKP	04 15 54.1 +1.3
E60A	Ste Agathe de	120.59 308	P	PKPpdf	04 15 52.1 -0.7
O54A	Avella	120.59 297	P	PKIKP	04 15 53.5 +0.4
D61A	St Aubert, Com	120.61 309	P	PKPpdf	04 15 52.1 -0.6
J57A	Williamstown	120.66 302	P	PKPpdf	04 15 52.7 -0.3
M55A	Ridgway	120.67 299	P	PKIKP	04 15 53.8 +0.5
Q52A	Bidwell	120.72 295	P	PKPpdf	04 15 53.3 +0.1
T50A	Nancy	120.73 292	P	PKIKP	04 15 53.8 +0.3
D60A	Saint Jean D'O	120.74 308	P	PKIKP	04 15 54.3 +1.2
K56A	Middlesex	120.81 301	P	PKIKP	04 15 54.0 +0.5
LONV	Lake Ozonia	120.83 304	P	PKIKP	04 15 53.9 +0.4
I57A	Carthage	120.87 303	P	PKIKP	04 15 54.6 +1.0
KNMB	Chin-men Tao	120.90 90	IAMS_20	IAMS_20	05 01 37.5
LZH	Lanzhou	120.94 70	ePKP	PKP	04 15 54.5 +0.3
LZH	LZH		PP	PKP	04 17 23.9 0.0
LZH	LZH		SKKS	SS	04 24 17.6
LZH	LZH		SS	SS	04 33 50.6 -5.2
LZH	LZH		AMB	AMB	
LZH	LZH		comp=Z,3µm,8.1s	LR	LR
LZH	LZH		comp=Z,8µm,17.9s	LR	LR
LZH	LZH		comp=Z,11µm,16.3s	LR	LR
LZH	LZH		comp=Z,11µm,17.4s	LR	LR
N54A	Moraine State	120.94 298	P	PKIKP	04 15 54.3 +0.5
R51A	Hillsboro	120.96 294	P	PKIKP	04 15 53.9 0.0
S50A	Richmond	120.96 292	P	PKIKP	04 15 54.2 +0.3
J56A	Wolcott	120.99 302	P	PKPpdf	04 15 53.3 -0.4
L55A	Hinsdale	121.01 300	P	PKPpdf	04 15 54.4 +0.5
O53A	New Philadelphia	121.08 297	P	PKPpdf	04 15 53.8 -0.2
GTA	Gaota	121.11 65	ePKP	PKP	04 15 54.4 +0.1
GTA	GTA		PP	PKP	04 17 25.3 +0.4
GTA	GTA		SKS	SKSdf	04 23 01.3 -4.7
GTA	GTA		SKKS	SKKSdf	04 24 24.0 +0.4
GTA	GTA		SS	SS	04 33 55.5 -2.3
GTA	GTA		AMB	AMB	
GTA	GTA		comp=Z,1µm,10.0s	LR	LR
GTA	GTA		comp=Z,11µm,21.3s	LR	LR
GTA	GTA		comp=Z,12µm,18.9s	LR	LR
GTA	GTA		comp=Z,14µm,21.0s	LR	LR
H57A	Richville	121.11 304	P	PKIKP	04 15 54.1 +0.2
P52A	Corning	121.13 296	P	PKPpdf	04 15 54.1 +0.1
M54A	Oil Creek Stat	121.17 299	P	PKIKP	04 15 54.3 +0.1
T49A	Edmonton	121.17 291	P	PKIKP	04 15 54.6 +0.3
K55A	Perry	121.21 301	P	PKIKP	04 15 55.2 +1.0
N53A	Lisbon	121.28 297	P	PKIKP	04 15 55.1 +0.6
O52A	Adamsville	121.32 296	P	PKIKP	04 15 54.5 0.0
Q51A	Peebles	121.35 294	P	PKPpdf	04 15 54.5 0.0
G57A	Newington	121.38 304	P	PKIKP	04 15 54.6 +0.1
QZH	Quanzhou	121.38 90	PKP	PKIKP	04 15 55.9 +0.8
QZH	QZH		PP	PKP	04 17 30.9 +4.3
QZH	QZH		AMB	AMB	
QZH	QZH		comp=Z,2µm,6.4s	LR	LR
QZH	QZH		comp=Z,11µm,20.8s	LR	LR
QZH	QZH		comp=Z,7µm,21.8s	LR	LR
QZH	QZH		comp=Z,15µm,22.7s	LR	LR
K54A	Basilliko Farm,	121.45 300	P	PKPpdf	04 15 54.3 -0.4
E58A	La Victoria	121.46 307	P	PKIKP	04 15 54.7 +0.1
J55A	Hilton	121.47 301	P	PKIKP	04 15 55.6 +0.9
OXF	Oxford	121.50 287	P	PKPpdf	04 15 54.3 -0.6
L54A	Sinclairville	121.50 299	P	PKIKP	04 15 55.8 +0.9
S49A	Springfield	121.53 292	P	PKPpdf	04 15 54.9 0.0

Q50A	Georgetown	121.56 294	P	PKPpdf	04 15 54.8 -0.1	
H56A	Elgin	121.64 303	P	PKPpdf	04 15 54.6 -0.2	
M53A	W Miller and	121.65 298	P	PKPpdf	04 15 54.6 -0.4	
O51A	Pataksala	121.75 296	P	PKPpdf	04 15 53.7 -1.6	
WVT	Waverly	121.76 289	P	PKPpdf	04 15 55.3 -0.1	
WVT	Waverly	121.76 289	P	PKIKP	04 15 54.4 -1.0	
WVT	Waverly	121.76 289	P	PKPpdf	04 15 55.3 -0.1	
D58A	Chemin du Lac	121.80 307	P	PKPpdf	04 15 53.9 -1.2	
L53A	Girard	121.80 299	P	PKPpdf	04 15 54.9 -0.4	
R49A	Shelbyville	121.82 292	P	PKIKP	04 15 56.4 +0.8	
J54A	Appleton	121.90 301	P	PKPpdf	04 15 55.0 -0.4	
E57A	Chemin Saint G	121.91 306	P	PKIKP	04 15 55.7 +0.2	
SSLB	Suanglung	121.92 93	P	PKPpdf	04 15 55.9 -0.2	
LATQ	Lan Tuque	121.95 308	P	PKIKP	04 15 55.8 +0.3	
P50A	Jamestown	122.01 294	P	PKPpdf	04 15 55.3 -0.4	
ACSO	Alum Creek Sta	122.01 296	P	PKPpdf	04 15 55.3 -0.4	
H55A	Tweed	122.07 303	P	PKIKP	04 15 56.4 +0.5	
M52A	Chesterland	122.08 298	P	PKIKP	04 15 56.4 +0.4	
I55A	Frankford	122.08 302	P	PKPpdf	04 15 55.3 -0.4	
N51A	Ashland	122.18 296	P	PKPpdf	04 15 56.1 +0.1	
Q49A	Aurora	122.18 293	P	PKPpdf	04 15 55.7 -0.5	
D57A	Chemin Vers le	122.22 307	P	PKPpdf	04 15 55.9 0.0	
APA	Apapaty	122.26 111	PKIKP	PKIKP	04 15 55.7 +0.2	
APA	APA		comp=Z,14nm,1.0s	pmax		
O50A	Cable	122.30 295	P	PKPpdf	04 15 56.4 0.0	
G55A	Calabogie	122.34 304	P	PKPpdf	04 15 55.9 -0.2	
X43A	Marvell	122.34 285	P	PKPpdf	04 15 56.0 -0.6	
DGZ	Jazzart, Alta	122.35 49d	PKIKP	PKIKP	04 15 56.6 +0.1	
DGZ	DGZ		MLR	MLR		
XAN	Xi'an	122.36 75	PKP	PKPpdf	04 15 56.3 -0.4	
XAN	XAN		SKS	SKSdf	04 23 05.4 -3.1	
XAN	XAN		SKKS	SKKSdf	04 24 27.8 -4.0	
XAN	XAN		AMB	AMB		
XAN	XAN		comp=Z,2µm,7.2s	LR	LR	
XAN	XAN		comp=Z,11µm,19.6s	LR	LR	
XAN	XAN		comp=Z,4µm,19.6s	LR	LR	
M51A	M51A		comp=Z,14µm,22.6s	LR	LR	
M51A	M51A		122.37 297	P	PKPpdf	04 15 56.0 -0.4
WCI	Wyandotte Cave	122.40 292	P	PKIKP	04 15 57.0 +0.3	
WCI	Wyandotte Cave	122.40 292	P	PKPpdf	04 15 55.6 -1.0	
WCI	Wyandotte Cave	122.40 292	P	PKIKP	04 15 57.0 +0.3	
E56A	St. Veronique	122.43 306	P	PKPpdf	04 15 55.6 -0.7	
P49A	Miami Univ. Ec	122.46 294	P	PKIKP	04 15 57.1 +0.3	
N50A	Nevada	122.49 296	P	PKPpdf	04 15 56.0 -0.1	
Z41A	Richland Creek	122.55 283	P	PKPpdf	04 15 55.9 -1.1	
NATX	Nacodoches	122.55 281	P	PKPpdf	04 15 56.3 -0.7	
F55A	Otter Lake	122.57 304	P	PKPpdf	04 15 54.5 -2.2	
Q48A	North Vernon	122.59 293	P	PKPpdf	04 15 55.5 -1.4	
NACB	Ningancang	122.59 93	IAMS_20	IAMS_20	05 02 32.4	
K52A	Tiltsong	122.62 299	P	PKIKP	04 15 57.4 +0.4	
D56A	ZEC Mazanza, M	122.66 306	P	PKPpdf	04 15 56.4 -0.3	
O49A	Covington	122.71 295	P	PKPpdf	04 15 56.8 -0.3	
LVZ	Loverzo	122.72 11	PKIKP	PKIKP	04 15 56.8 +0.3	
LVZ	Loverzo	122.72 11	P	PKIKP	04 15 56.8 +0.3	
H53A	Bobcaygeon	122.79 302	P	PKIKP	04 15 57.7 +0.4	
P48A	Milroy	122.79 293	P	PKPpdf	04 15 56.8 -0.5	
J52A	Paris	122.82 300	P	PKPpdf	04 15 57.1 -0.1	
YHNB	Yeheng	122.84 92	IAMS_20	IAMS_20	04 59 35.8	
M50A	Fremont	122.88 296	P	PKIKP	04 15 57.9 +0.4	
D55A	Sainte-Anne-du	122.98 306	P	PKPpdf	04 15 57.2 -0.2	
K51A	Iona Station	122.99 299	P	PKPpdf	04 15 57.2 -0.3	
WHN	Wuhan	123.00 82	SS	SS	04 34 46.1 +2.4	
WHN	WHN		AMB	AMB		
WHN	WHN		comp=Z,4µm,8.0s	LR	LR	
WHN	WHN		comp=Z,4µm,7.0s	LR	LR	
WHN	WHN		comp=N,23µm,18.6s	LR	LR	
WHN	WHN		comp=E,20µm,17.9s	LR	LR	
WHN	WHN		comp=Z,35µm,18.2s	LR	LR	
WHN	WHN		123.00 82	PKP	PKPpdf	04 15 57.3 -0.6
WHN	WHN			PP	PKP	04 17 40.9 +3.3
WHN	WHN			SKS	SKSdf	04 23 04.6 -5.1
WHN	WHN			SKKS	SKKSdf	04 24 29.5 -6.5
WHN	WHN			AMB	AMB	
WHN	WHN		comp=Z,4µm,8.0s	LR	LR	
WHN	WHN		comp=Z,23µm,18.6s	LR	LR	
WHN	WHN		comp=Z,20µm,17.9s	LR	LR	
G54A	Lake Saint Pet	123.12 303	P	PKIKP	04 15 58.1 +0.1	
TATO	Taipel	123.13 92	IAMS_20	IAMS_20	04 59 09.8	
N49A	Columbus Grove	123.15 295	P	PKPpdf	04 15 57.8 -0.1	
G53A	Halliburton	123.20 302	P	PKIKP	04 15 58.9 +0.8	
L50A	Kingsville	123.20 297	P	PKIKP	04 15 59.0 +0.9	
O48A	Farmland	123.21 294	P	PKPpdf	04 15 57.6 -0.5	
SADO	Sadowa	123.21 302	PKP	PKIKP	04 15 58.6 +0.5	
E54A	Comp. Z,14nm,0.9s	123.40 304	P	PKIKP	04 15 58.9 +0.5	
ARCES	ARCES Array B	123.44 7	PKP	PKIKP	04 15 57.9 +0.1	
ARCES	ARCES		comp=Z,44nm,0.9s,baz=211,slow=1.4,SNR=38	PP	PKP	04 17 41.1 +1.1
ARCES	ARCES		comp=Z,9.8nm,0.8s,baz=236,slow=1.3,SNR=26	PP	PKP	04 25 46.5 -0.3
ARCES	ARCES		comp=Z,14nm,1.1s,baz=35,slow=6.5,SNR=4.6	PKP	PKPpdf	04 15 57.6 0.0
ARCES	ARCES Array B	123.44 7	PKIKP	PKPpdf	04 15 57.6 0.0	
ARCES	ARCES Array B	123.44 7	PKIKP	PKPpdf	04 15 57.5 +0.6	
X40A	Basin Creek Fa	123.45 284	P	PKIKP	04 15 59.5 +0.6	
ALGO	Algonquin Park	123.50 303	P	PKIKP	04 15 58.6 0.0	
I51A	Listowel	123.50 300	P	PKIKP	04 15 59.1 +0.4	
H52A	Wydale	123.50 301	P	PKIKP	04 15 59.1 +0.4	
N48A	Decatur	123.56 295	P	PKPpdf	04 15 56.8 -1.9	
435B	Jarvis	123.56 278	P	PKPpdf	04 15 58.8 -0.3	

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like F04A Amboy, G03D McMinville, C06D Leavenworth, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND, H11S3 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H11N3 WAKE ISLAND, H11N2 WAKE ISLAND, etc.

NEIC 15 04:01:21.5:1.8, 19:80S:71:05W, h0km, mb4.0/3, mb1 4.2/5, mb1mx3.8/4.4, mbtmp4.2/5, ML4.02, MS4.7/2, Ms1 4.7/2, ms1mx4.2/2.4, Error ellipse: s-maj=39.6km s-min=19.8km az=61.0

GUC 15 04:01:25.3:0.8, 19:90S:71:11W, h37km, 4km, ML4.4 ISC 15 04:01:22.4:1.6, 19:94S:0:03:71.06W, 0.06, h12km, 9km, n48, c095/63, mb4.1/3, 9C-12, Off coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PSGC Pisagua, PSGC Punta Patache, etc.

ISC 15 04:05:42.0:0.8, 11:34S:162:41E, h0km, mb4.6/11, mb1 4.6/12, mb1mx3.4/3.8, mbtmp4.5/12, ML3.8/1, MS3.8/1, Ms1 3.9/1, ms1mx3.5/4.0, Error ellipse: s-maj=27.1km s-min=20.0km az=87.0

NEIC 15 04:05:43.8:0.8, 11:4S:0:1:162:7E:0:1, h19km, 3km, mb4.9/10, Error ellipse: s-maj=18.6km s-min=10.8km az=48.0

ISC 15 04:05:42.0:0.5, 11:34S:0:08:162:67E:0:09, h10km, n49, c092/44, mb4.7/14, Bougainville-Solomon Islands region

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SPSI Bulukumba, BKSI Kappang, KAPI Kappang, etc.

ISC 15 04:05:42.0:0.8, 11:34S:162:41E, h0km, mb4.6/11, mb1 4.6/12, mb1mx3.4/3.8, mbtmp4.5/12, ML3.8/1, MS3.8/1, Ms1 3.9/1, ms1mx3.5/4.0, Error ellipse: s-maj=27.1km s-min=20.0km az=87.0

NEIC 15 04:05:43.8:0.8, 11:4S:0:1:162:7E:0:1, h19km, 3km, mb4.9/10, Error ellipse: s-maj=18.6km s-min=10.8km az=48.0

ISC 15 04:05:42.0:0.5, 11:34S:0:08:162:67E:0:09, h10km, n49, c092/44, mb4.7/14, Bougainville-Solomon Islands region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be, CPUP Villa Florida, CPUP Villa Florida, etc.

THE 15:04:09.40.5, 38'21"N, 20'35"E, h10km, ML2.4/3, Error ellipse: s-maj=0.8km s-min=0.4km az=244.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KEF3 Kipouria, KEF3 Kipouria, KEF3 Kipouria, etc.

NEIC 15:04:22:01.8, 1.8, 20'10"S, 0'02:70'57"W, h10km, 1km, mb4.0/3, ML4.2(OUC), Error ellipse: s-maj=7.0km

GUC 15:04:22:06.0, 6.0, 20'04:S, 70'46W, h30km, 2km, ML4.1

IDC 15:04:22:06.2, 0.8, 19'39:S, 70'53W, h35km, 6km, mb3.7/6, mb1.4/1.8, mb1mx3.7/38, mbtmp4.1/8, ML4.3/2, Error ellipse: s-maj=28.1km s-min=18.5km az=75.0

ISC 15:04:22:03.9, 0.6, 20'07:5, 0'02:70'53W, h5.0, h21km, 3km, n50, f1509/69, mb3.9/5, 3C-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 TA01 Diego Aracena, PSGC Pisagua, PSGC Pisagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB10 IPOC Station P, LPAZ La Paz, LP414 La Paz, etc.

NEIC 15:04:23:19.0, 0.5, 53'49:S, 0'08:10'3E, h14km, 6km, mb4.3/6, Error ellipse: s-maj=30.4km s-min=7.2km az=107.0

IDC 15:04:23:18.9, 2.0, 53'55:S, 9'88E, h0km, mb4.1/3, mb1.4/3.4, mb1mx3.8/24, mbtmp4.1/4, ML3.7/1, Error ellipse: s-maj=69.0km s-min=34.2km az=72.0

ISC 15:04:23:18.6, 0.9, 53'55:S, 0'10:3E, h10km, n16, f099/13, mb4.2/5, Southwest of Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNA4 Sanae, SNA4 Sanae, SNA4 Sanae, etc.

INET 15:04:28:07.3, 12'20"N, 86'32"W, h6km, ML4.2

SNET 15:04:28:08.4, 1.2, 12'08"N, 86'20"W, h35km, 999km, ML3.3, Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TGUH Tegusgaipa, JUCU Jucuarin, JUCU Jucuarin, etc.

IDC 15:04:48:26.7, 5.5, 36'01"N, 142'06"E, h0km, mb3.8/2, mb1.3/7.4, mb1mx3.4/34, mbtmp3.8/4, ML3.3/2, MS4.2/1, Ms1.4/2.1, ms1mx3.7/43, Error ellipse: s-maj=95.2km s-min=40.5km az=92.0

JMA 15:04:48:28.6, 0.2, 35'12"N, 142'04"E, h6km, M3.5

NEIC 15:04:48:31.3, 0.9, 35'97"N, 142'07.141'E, 0.1, h43km, 16km, mb4.3/2, Error ellipse: s-maj=16.0km s-min=9.5km az=109.0

ISC 15:04:48:28.9, 2.0, 36'05"N, 0'04:142'01"E, 0.08, h19km, 6km, n25, f119:35, mb3.8/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CH0J Chosi, CH0J Chosi, CH0J Chosi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JRY Matushio Arr, MJAR Matushio Arr, MJAR Matushio Arr, etc.

IDC 15:04:56:27.1, 10.0, 11'80:S, 162'95E, h0km, mb4.1/3, mb1.4/3.3, mb1mx3.7/33, mbtmp4.1/3, Error ellipse: s-maj=323.4km s-min=54.3km az=124.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, H1152 WAKE ISLAND, etc.

UPA 15:05:21:14.6, 0.4, 8'91"N, 77'43"W, h13km, 38km, MW3.1

RSNC 15:05:21:15.8, 0.7, 8'79"N, 77'37"W, h25km, 2km, ML2.8

ISC 15:05:21:14.7, 1.0, 8'83"N, 0'05:77'37W, h0.03, h29km, 7km, n21, f067/64, 2C-3D, Panama-Colombia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAP2 Capurgana, CAP2 Capurgana, CAP2 Capurgana, etc.

IDC 15:05:26:17.2, 3.7, 11'28:S, 161'80E, h40km, 32km, mb3.5/4, mb1.3/7.6, mb1mx3.5/30, mbtmp3.8/6, ML4.0/2, Error ellipse: s-maj=31.3km s-min=26.0km az=91.0

ISC 15:05:26:16.9, 1.0, 11'25:S, 0'11:161'30E, 0.1, h36km, n14, f1507/9, mb3.7/5, Bougainville-Solomon Islands region

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

IDC 15:05:37:14.3, 3.9, 99.0, 16'39S, 71'23W, h0km, Error ellipse: s-maj=510.5km s-min=61.9km az=88.0, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I08B0 LAS PENAS INFR, I41PY VILLA FLORIDA, I09B0 BRASIL INFR, etc.

ASRS 15:05:45:50.4, 53'73N, 90'93E, M2.3, Industrial explosion

(after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224b + CD-ROM, 2014)
NCC 15 05:46:01.7-3.2, 53.39N-90.51E, h0km, mb3.8, mpv3.5, 7C-7D, Error ellipse: s-maj=25.9km s-min=20.3km az=85.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ZAAO Zalesovo Array, ZAAO 12nm, 0.8s, KURK Kurchatov, KURK 2.9nm, 0.8s, KURK 9.9nm, 0.9s, KURB Kurchatov Arra, KURBB 20nm, 0.8s, MK31 Makanchi Array, MK31 4.4nm, 0.9s, MK31 2.4nm, 0.9s, MAKZ Makanchi, MAKZ 4.3nm, 1.1s, MAKZ 12nm, 0.9s.

TRN 15 05:50:25.5, 18.62N-63.67W, h51km, MD4.2
NEIC 15 05:50:26.5-1.2, 18.7N:0.1:63.65W:0.05, h61km, 20km, Error ellipse: s-maj=16.1km s-min=4.6km az=200.0
OSPL 15 05:50:26.6-0.9, 18.46N:63.78W, h0km, 128km, ML3.5
RSPL 15 05:50:27.9, 18.98N:63.76W, h43km, 7km, MD4.0/20
ISC 15 05:50:25.1, 15.189N:0.09:63.64W:0.04, h71km, 13km, n117, s116/154, 22C-8D, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TBVI Tortola, SABA Saba, STVI Saint Thomas, SEUS St. Eustatius, SKI Saint Kitts, CUPR Culebra, Puer, SKOC St. Kitts, UWI, NVRH Round Hill, Nevis, Disaste, Bath Hotel, Monte Pirata, ANWB Willy Bob, HUMP Col San Antoni, GPCR Guaynabo City, PDRP Patillas Dam, MLYT Lee's Yard, IGPR InterUniversit, OBIP Obispado Ponce, AOPR Arecibo Observ, AGPR Aguadilla, PR, LSP Las Mesas, MPR Mayaguez, MPR Mayaguez.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CRPR Cabo Rojo, PR, MAGL Barre de l'ile, MDPV Dominica, PENN, WESLEY, MDN Morne-Daniel, PCDR Punta Cana, DR, PCDR Punta Cana, DR, PCM Pelee Case Pet, BAMF Morne Balai, GBMF Grand Be, PML Morne Lenard, ZAM Aeronautique, TRMF Trois Ilets, BIM Bigot, LPMF Morne Lapointe, MPOM Morne Pois Mar, SLBI Saint Lucia, B, SLBI Saint Lucia, B, DR12 Loma Pena Alta, SLB Belford, MCLT Moule a Chique, MCLT Moule a Chique, SVB Belmont, TAI Vincent de, SC01 Santiago de Co, BBGH Gun Hill, GRGR Grenville, GRGR Grenville, GWTK Grand Turk, TOSP Speyside, TOSP Speyside, TRUN Trinidad (W), BAUV El Baul, SAUV El Baul, SDV Santo Domingo.

IDC 15 05:50:58.6:3.6, 5.76S:152.95E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/35, mbtmp3.8/3, Error ellipse: s-maj=70.7km s-min=21.8km az=81.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include KRVT Keravat (AS076), WARR Warramunga Arr, STKA Saint Kitts.

NCC 15 07:50:6.1-1.0, 37.07N-70.76E, h0km, mb3.9, mpv3.5, 5C-1D, Error ellipse: s-maj=88.5km s-min=74.6km az=169.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include KK31 Karatay Array, AAK Ala-Archa, TKM2, TKM1, BAUV El Baul, SAUV El Baul, SDV Santo Domingo.

IDC 15 06:35:22.8:16.0, 20.43S-175.93W, h89km, 143km, mb3.4/4, mb1 3.6/4, mb1mx3.4/25, mbtmp3.7/4, Error ellipse: s-maj=149.1km s-min=40.7km az=150.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include STKA Stephens Creek, ASAR Alice Springs, WARR Warramunga Arr, NVAR Mina Array Bay, AKASA Malin Array Bay, BRTR Keskin Array B.

IDC 15 06:35:33.0:2.1, 0.81S-126.94E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.3/40, mbtmp3.3/4, Error ellipse: s-maj=234.6km s-min=24.0km az=66.0, Southern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arr.

IDC 15 06:58:58.9:1.6, 1.96N-127.53E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.5/46, mbtmp3.8/5, Error ellipse: s-maj=153.9km s-min=19.2km az=66.0, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arr.

INET 15 07:04:04.8, 12.20N-86.331W, h6km, ML3.5, Nicaragua

IDC 15 07:19:11.7:2.0, 6.71S-128.70E, h0km, mb4.1/1, mb1 3.9/3, mb1mx3.5/33, mbtmp3.8/3, ML4.0/1, MS4.1/2, Ms1 4.2/2, ms1mx3.3/46, Error ellipse: s-maj=126.2km s-min=30.7km az=67.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

MKAR Makanchi Array 67.28 327 P P 07 30 08.3 0.0
KIRV Kurchatov 90.12 329 LR LR 08 15 48.3

IDC 15 07:29:40.7:2.5, 11.38S-162.43E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/34, mbtmp3.7/5, ML4.2/1, Error ellipse: s-maj=62.6km s-min=43.2km az=147.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include HNR Honiara, WRA Warramunga Arr, SONM Songino Array, ILAR Elatson Array, MKAR Makanchi Array.

IDC 15 07:33:04.3:1.6, 11.27S:162.82E, h0km, mb3.9/6, mb1 4.0/7, mb1mx3.7/40, mbtmp3.8/7, ML3.3/1, Error ellipse: s-maj=45.6km s-min=29.2km az=110.0

ISC 15 07:33:09.3:1.0, 11.33S:0.1:162.95E:0.2, h35km, n113, mb1 4.0/25, mb1mx3.9/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include DZM Mont Dzumac, WRA Warramunga Arr, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, ASAR Alice Springs, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, USRK Ussuriysk Arr, SONM Songino Array, MKAR Makanchi Array, YKA Yellowknife Arr.

NIED 15 07:44:00.36:10N:142.00E, h17km, Mw4.1 Best double couple: Mo:1.3700x1015 NP1:2.300000, s61.000000, 1.96.000000. NP2:1.90.000000, s23.000000, 0.78.000000.

IDC 15 07:44:27.7:0.7, 36.03N:141.95E, h0km, mb4.0/18, mb1 4.0/25, mb1mx3.9/54, mbtmp4.0/25, ML3.4/5, MS3.4/1, s-min=14.9km az=80.0

JMA 15 07:44:30.6:0.2, 36.13N:141.95E, h5km, M3.9
NEIC 15 07:44:32.1:0.9, 36.00N:142.03E:0.08, h33km, 5km, 6.4/3/23, Error ellipse: s-maj=9.2km s-min=7.3km az=115.0

ISC 15 07:44:30.9:3.6, 36.03N:142.03E:0.06, h25km, 26km, n95, s99/102, mb4.2/29, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CHJO Choshi, JHYU Hitachinakayama, JIHU Itakohinouchi, JIKU Hitachi, JBS01 Hitachi, JBS02 Hitachi, JBS03 Hitachi, JBS04 Hitachi, JFT Otama, JAT Ashikaga, JOD2 Odawara, JRY Ryogami san, JYN Shimob, JMK Ichinoseki, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAJO Matsushiro, MAJO Matsushiro, MAT Matsushiro, MAT Matsushiro, MJB Matsushiro, MJB2 Matsushiro, MJB3 Matsushiro, JHJ Hachijo jima, JHU 82nm, 0.3s, INU Inuyama, ERU Erinuma, ASAJ Asahikawa, JKA Kamikawa-asahi, JCJ Chikijima, JCJ Chikijima, JCK 75nm, 0.3s, JNK Nakatsue, JRU Ussuriysk Arr, USRK Ussuriysk Arr, KSRS Korea Array, KSRS Korea Array, KSRS Korea Array, KLR Kul'dur, XAN Xian, YAK Yakutsk, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, ENH Enshi, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, ULN Ulanbaatar, SONM Songino Array, SONM Songino Array, TLY Talaya, TLY Talaya, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include MTSE, NYNU, EKSU, etc.

WEL 15 08:22:07.8, 37.5, 17.9E, h33km, M3.4/17, ML3.7/17, ML3.4/17, Error ellipse: s-maj=0.0km s-min=0.0km az=50.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include MXZ, WMGZ, PKGZ, etc.

IDC 15 08:36:21.1, 3.8, 53.56N, 87.88E, h0km, mb1 2.7/1, mb1mx2.7/46, mbimp2.7/1, ML2.7/1, Error ellipse: s-maj=42.6km s-min=18.9km az=87.0, NNC 15 08:36:22.8, 2.7, 53.50N, 87.70E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=21.6km s-min=11.1km az=62.0, Suspected Missing explosion

ISC 15 08:36:23.1, 3.5, 53.6N, 0.1, 87.7E, 0.2, h0km, n8, s12/14, 10C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include 146RU, ZAAO, ZALV, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include KURBB, MK31, MKAR, etc.

IDC 15 08:47:13.0, 2.6, 51.126S, 161.85E, h0km, mb3.5, mb1 3.7/5, mb1mx3.5/32, mbimp3.6/5, ML3.2/5, Error ellipse: s-maj=55.5km s-min=32.5km az=73.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include HNR, DZM, WRA, ASAR, SONM, etc.

INET 15 08:50:49.7, 13.99N, 92.28W, h44km, ML5.0, SNET 15 08:50:55.8, 1.2, 14.06N, 91.65W, h15km, ML4.7, IDC 15 08:50:56.7, 0.7, 13.93N, 91.71W, h61km, 5km, mb3.8/17, mb1 4.0/19, mb1mx3.8/51, mbimp4.1/19, MS3.2/6, Ms1 3.3/6, ms1mx3.0/35, Error ellipse: s-maj=10.3km s-min=7.5km az=154.0, UCR 15 08:50:56.1, 1.1, 1.14, 13N, 91.63W, h15km, ML4.5, mb4.4(NEIC), GCG 15 08:50:57.1, 0.4, 13.80N, 91.55W, h14km, 693km, MD4.6, NEIC 15 08:50:57.8, 1.6, 13.97N, 0.06, 91.62W, 0.05, h693km, 6km, mb4.4/69, MD4.3(MEX), Error ellipse: s-maj=9.5km s-min=6.9km az=198.0, ISC 15 08:50:57.4, 0.7, 14.02N, 0.06, 91.66W, 0.05, h65km, 6km, n231, s13/35/246, mb4.3/39, 2C-3D, Guatemala

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include ERG, STG3, FUG, PCG, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include APT, RTR, CEVE, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include ACON, GB1A, BUEV, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include SJCC, DBBC, DWPF, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include TXAR, SOTA, SPCB, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include ABTX, ABTX, CHIC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include GOGA, GOGA, SC01, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include W45A, W39A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include X34A, WMOK, Z57A, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include Y57A, AMTX, AMTX, etc.

Table with columns: ID, Name, Time, Location, Status, etc. Includes entries like 121A, 319A, 555A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like WRA, CMAR, IASPEI, DDA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries like KSL, ELL, SERI, etc.

15d 10h

2014 APR

1120

explosion
KOLA 15 09:36:23.4, 64.771-30.00E, h0km
ISC 15 09:36:23.1-4, 64.678-30.03E, h0km, n14,
z=207/19, Finland-Karelia border region

LJU 15 09:36:35.745, 95N:14.71E, h7km, ML0.8, Northwestern
Balkan Peninsula

PDG 15 10:15:54.2, 0.3, 39.18N:22.13E, h11km, 3km, ML3.8/11,
Error ellipse: s-maj=5.1km s-min=1.7km az=90.0
ATH 15 10:15:54.7, 38.93N:22.36E, h83km, 1km, ML3.2/33, Error
ellipse: s-maj=1.5km s-min=0.7km az=189.0
THE 15 10:15:56.2, 38.94N:22.39E, h74km, 1km, ML3.1/23, Error
ellipse: s-maj=1.4km s-min=0.6km az=207.0
ISC 15 10:15:54.3, 1.2, 38.96N:0.02-22.32E, h90km, 5km,
n131, r192/209, 3C-9D, Greece

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

Table with columns: NEO, Neokhori, 0.79 64 P Sn, 10 16 12.4 +0.7, 10 16 24.2 -0.4

Table with columns: VLS, Vlachokerasia, 1.59 178 P S, 10 16 22.4 +1.1, 10 16 41.7 0.0

SOME 15 10:18:50.2, 43.60N:69.68E
NNC 15 10:18:50.8: 1.6, 43.87N:69.74E, h0km, mb3.6, mpv3.1,
3C-3D, Error ellipse: s-maj=8.8km s-min=5.6km
az=135.0, Suspected Mining explosion., Central

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

15d 11h

Table listing station names, codes, and various parameters like time, phase, and resonance. Includes stations like ASAR Alice Springs, FITZ Fitzroy Crossi, DZM Mont Dzumac, etc.

MAN 15 11:26:14.9, 12.94N, 120.99E, h6km, mb3.7, ML2.5, MS2.0, 1C, Mindoro

Table listing station names and codes for the MAN event, including SJMP San Jose, PGP Puerto Galera, LUBP Lubang, etc.

GCMT 15 11:38:29.0, 0.4, 0.82S, 0.02x13.89W, h24km, 2km, MW4.8/79, Moment Tensor Solution... Principal axes: T 2.4460, P1g7.0000, Azm215.0000; N -0.8070, P1g7.0000, Azm328.0000; P -1.6400, P1g6.0000, Azm123.0000...

ISC 15 11:38:30.3, 1.1, 0.30S, 13.87W, h0km, mb4.0/7, mb1 4.2/8, mb1mx3.8/36, mbtmp4.0/8, ML3.4/1, MS3.6/25, Ms1 3.6/25, ms1mx3.5/38, Error ellipse: s-maj=39.4km s-min=25.8km az=124.0

ISC 15 11:38:31.9, 0.9, 0.25S, 0.2, 13.7W, 0.2, h10km, n35, e158/13, mb4.0/7, MS3.7/24, North of Ascension Island

Table listing station names and codes for the North of Ascension Island event, including H10N2 ASCENSION HYDR 7.59 186 T, H10N3 ASCENSION HYDR 7.61 186 T, etc.

2014 APR

Table listing station names, codes, and various parameters for the 2014 APR event. Includes stations like CPUP Villa Florida, KMBU Kiliaba Mbojo, GERES GERESS Array B, etc.

ATH 15 11:40:34.7, 38.03N, 20.20E, h23km, 1km, ML2.5/3, Error ellipse: s-maj=4.0km s-min=1.3km az=44.0

THE 15 11:40:35.2, 38.03N, 20.20E, h17km, 1km, ML2.8/5, Error ellipse: s-maj=2.0km s-min=0.6km az=73.0

ISC 15 11:40:35.5, 1.8, 38.04N, 0.05, 20.22E, 0.09, h19km, 2km, n21, e043/35, Greece

Table listing station names, codes, and various parameters for the Greece event. Includes stations like CHV1 Chavriata, KEF3 Kipouria, LXRA Lixouri, etc.

ISC 15 11:40:49.7, 1.0, 11.31S, 162.29E, h0km, mb4.1/3, MS3.0/7, mb1 4.2/16, mb1mx4.0/42, mbtmp4.1/16, ML4.1/13, M13.0/7, Ms1 3.0/7, ms1mx2.8/39, Error ellipse: s-maj=28.0km s-min=21.2km az=119.0

NEIC 15 11:40:51.1, 1.9, 11.43S, 0.08, 162.2E, 0.1, h10km, 1km, mb4.4/24, Error ellipse: s-maj=22.6km s-min=3.0km az=52.0

ISC 15 11:40:50.9, 0.6, 11.42S, 0.07, 162.24E, 0.09, h10km, n58, e1807/53, mb4.4/24, MS2.9/5, Bougainville-Solomon Islands region

Table listing station names and codes for the Bougainville-Solomon Islands region event. Includes stations like HNR Honiara, HNR Honiara, DZM Mont Dzumac, etc.

1122

Table listing station names, codes, and various parameters for the 1122 event. Includes stations like GUMO Guam, H11N1 WAKE ISLAND HY 31.27 8 T, H11N3 WAKE ISLAND HY 31.28 8 T, etc.

NIED 15 11:43:00.35, 50N, 139.00E, h23km, Mw3.8 Best double couple: M5.67000, 1014 NP1.26, 26.00000, 856.00000, 7.60.00000, NP2.26, 252.00000, 844.00000, 127.00000

ISC 15 11:43:10.2, 0.9, 35.38N, 138.84E, h0km, mb3.5/7, mb1 3.7/9, mb1mx3.6/43, mbtmp3.9/9, ML3.5/2, MS2.8/7, Ms1 2.8/2, ms1mx2.4/41, Error ellipse: s-maj=27.2km s-min=11.8km az=73.0

JMA 15 11:43:14.1, 35.51N, 139.02E, h20km, 1km, M3.7, Broadband fault plane solution: P waves: NP1: 2.456.00000, 344.00000, 30.00000, NP2: 2.26.00000, 858.00000, 158.00000, Principal axes: T P1g62.0000, Azm243.0000; N P1g27.0000, Azm44.0000; P P1g8.0000, Azm138.0000; JMA Felt II J.

ISC 15 11:43:16.0, 0.6, 35.48N, 139.03E, 0.04, h23km, 6km, n22, e095/32, mb3.4/7, 3C-3D, Near south coast of eastern Honshu

Table listing station names and codes for the eastern Honshu event. Includes stations like JSGW Sagamiharawaka, JOD2 Odawara 2, JYJ Shimoob, etc.

ISC 15 11:52:52.8, 1.1, 30.97S, 59.31E, h0km, mb3.9/7, mb1 4.1/7, mb1mx3.8/51, mbtmp3.9/7, Error ellipse: s-maj=39.1km s-min=27.9km az=75.0

NEIC 15 11:52:54.4±1.5, 31.00S; 0:10:59.4E±0.3, h10km, 1km, mb4.6/3, Error ellipse: s-maj=40.8km s-min=10.4km az=288.0

ISC 15 11:52:53.0±0.7, 31.1S; 0:10:59.1E±0.3, h10km, n30, 0.952/23, mb4.2/9, 1C, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

NAM 15 12:08:06.1±1.9, 25.5S; 115:29:14E, h10km, MD4.2

ISC 15 12:08:02.0±1.9, 25.14S; 105:06:29.2E±0.1, h10km, n9, 0.827/17, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LBTB Lobatse, MATP Matopo, BOSA Boshof, etc.

NNC 15 12:19:51.0±8.8, 36.97N; 70:65E, h0km, mb4.1, mpv3.7, 4C-2D, Error ellipse: s-maj=68.9km s-min=60.2km az=165.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, UCH Uchtor, KK31 Karatay Array, etc.

ISC 15 12:37:55.6±1.2, 55:55S; 0:26:9W±0.2, h10km, n16, 0.1059/16, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HOPE Hope Point, VNA2 Neumayer-Watz, AGFI East Falkland, etc.

MAN 15 12:40:51.7±7.19N; 123:39E, h31km, mb3.5, ML2.2, MS1.6, ID, Mindanao

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PAGZ Pagadian, CTBH Cotabato-PC H, CTBH Bagumbayan, Su, etc.

NEIC 15 12:45:15.5±2.4, 11:49S; 0:09:163.30E±0.06, h10km, 1km, mb4.6/12, Error ellipse: s-maj=15.4km s-min=10.4km az=344.0

ISC 15 12:45:15.2±2.2, 11:55S; 163:28E, h0km, mb3.9/4, mb1.4/0.6, mb1mx3.7/30, mbtmp3.9/6, ML3.7/2, MS2.8/1, ms1.2/8.1, ms1mx2.5/29, Error ellipse: s-maj=48.0km s-min=32.3km az=80.0

ISC 15 12:45:15.3±0.7, 11:55S; 0:09:163.32E±0.10, h10km, n22, 0.1966/25, mb4.4/11, Bougainville-Solomon Islands region

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

ISC 15 12:53:44.2±1.2, 44:13N; 0:02:22.12E±0.04, h5km, 11km, n12, 0.104/21, 6C-3D, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZAGS Zajecar, BOVS Bovan, BLVK Belogradchik, etc.

JMA 15 12:54:37.9, 32:98N; 130:89E, h4km, 1km, M0.5, Kyushu

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

THE 15 12:58:15.6, 38:00N; 20:15E, h7km, 2km, ML2.7/8, Error ellipse: s-maj=2.8km s-min=1.1km az=43.0

ATH 15 12:58:15.7, 38:02N; 20:22E, h1km, 2km, ML2.3/3, Error ellipse: s-maj=3.7km s-min=1.5km az=42.0

ISC 15 12:58:15.5±2.3, 38:01N; 0:05:20.2E±0.1, h14km, 7km, n22, 0.0549/40, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KEF3 Kipouria, CHV1 Chavriata, AGT1 Agia Thekli, etc.

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

NNC 15 13:11:26.6±1.0, 50:93N; 73:61E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=15.9km s-min=5.6km az=32.0, Suspected Mining explosion.

ISC 15 13:11:27.6±0.8, 50:86N; 73:66E, h0km, mb3.3/2, mb1.3/3.8, mb1mx3.2/44, mbtmp3.2/8, ML2.6/6, Error ellipse: s-maj=12.5km s-min=8.4km az=39.0

ISC 15 13:11:26.3±0.8, 50:89N; 0:07:73.52E±0.07, h0km, n19, 0.1915/17, 5C-11D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BVA1 Borovoye Array, BVAR Borovoye Array, BRVK Borovoye, etc.

ISC 15 13:14:24.2±2.7, 24S; 126:82E, h0km, mb3.4/1, mb1.4/1.3, mb1mx3.5/32, mbtmp3.8/3, ML4.0/2, MS3.7/1, Ms1.3/9.1, ms1mx2.8/15, Error ellipse: s-maj=219.6km s-min=32.7km az=63.0, Banda Sea

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

WEL 15 13:20:07.8, 38:5S; 177E±1, h5km, M4.0/15, ML4.4/15, ML4.0/15, Error ellipse: s-maj=0.0km s-min=0.0km az=0.3, North Island

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KNZ Kokoho, PKGZ Paritu Road, etc.

Table with columns: KJHL Kholmsk, KJHL Kholmsk, JRR Rishiri, etc. Lists stations with their respective codes and details.

Table with columns: MJAR Matsushiro Arr, MJAR Matsushiro Arr, INU Inuyama, etc. Lists stations with their respective codes and details.

IDC 15 13:24:28.8, 15.0, 2.91N, 128.88E, h86km, 137km, mb3.5/4, mb1 3.7/4, mb1mx3.2/49, mbtmp3.8/4, Error ellipse: s-maj=229.8km s-min=30.7km az=64.0

NEIC 15 13:24:30.4, 0.8, 2.9N, 0.2, 128.9E, 0.5, h103km, 13km, mb4.1/9, Error ellipse: s-maj=74.0km s-min=10.6km az=73.0

ISC 15 13:24:30.6, 1.4, 2.8N, 0.3, 128.6E, 0.5, h100km, n14, c059/15, mb3.9/6, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KNRA Kunurra, WB0 Warramunga Arr, etc.

NIED 15 13:31:00, 46.00N, 143.10E, h360km, Mw4.1 Best double couple: M=1.37000E+10 N1=174.00000, 874.00000, 1.58.00000, NP2=60.00000, 835.00000, 1.152.00000

MOS 15 13:31:23.8, 0.8, 46.11N, 143.04E, h351km, mb3.9/5, Error ellipse: s-maj=9.8km s-min=7.0km az=84.6

IDC 15 13:31:25.0, 0.6, 46.16N, 142.96E, h341km, 7km, mb3.3/13, mb1 3.5/21, mb1mx3.2/60, mbtmp4.0/21, Error ellipse: s-maj=13.3km s-min=9.9km az=142.0

JMA 15 13:31:24.4, 0.3, 46.04N, 143.08E, h354km, 3km, M3.8 SKHL 15 13:31:25.0, 0.4, 46.04N, 143.09E, h344km, 1km, mb4.5/2, msh4.7/4

NEIC 15 13:31:25.1, 1.8, 46.12N, 0.09, 143.0E, 0.1, h350km, 6km, mb4.2/64, Error ellipse: s-maj=14.3km s-min=12.0km az=1.0

ISC 15 13:31:24.6, 0.5, 46.04N, 143.05E, 0.04, h348km, 5km, n174, c1815/204, mb4.0/51, 3C-2D, Sakhalin Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like YSS Yuzh-Sakhalins, YSS 300nm, 0.9s, etc.

Table with columns: KJHL Kholmsk, KJHL Kholmsk, JRR Rishiri, etc. Lists stations with their respective codes and details.

Table with columns: MJAR Matsushiro Arr, MJAR Matsushiro Arr, INU Inuyama, etc. Lists stations with their respective codes and details.

Table with columns: INK, comp-Z, 11nm, 1.6s, pmax, pmax, 13 39 12.5 -0.6, etc. Lists various astronomical objects and their properties.

Table with columns: ROCH, EI Roble, 25.00, 92.11, P, 13 36 58.0 +0.3, etc. Lists astronomical objects with specific coordinates and magnitudes.

Table with columns: PPT2, comp-Z, 3.3um, 26.2s, eLR, LQ, 13 50 21.9, etc. Lists astronomical objects with various parameters and identifiers.

IDC 15 13:31:32.1+0.4, 36.175x101.38W, h0km, mb4.9/18, mb1 5.0/19, mb1mx4.8/20, mb1tmp4.9/19, ML4.5/1, MS4.8/18, MS1 4.8/18, ms1mx4.8/20, Error ellipse: s-maj=15.1km s-min=13.9km az=86.0

NEIC 15 13:31:32.0, 36.175x101.38W, h13km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr: 1.0; Mxx: 0.60; Myy: 0.50; Mzz: 0.43; Mxy: 2.76; Mxz: -0.35; Fault plane solution: M2: 870000^1017 NP1: 186.130000^380, 590000^16, 400000^0. NP2: 95.080000^383, 690000^170, 530000^0. Principal axes: T 2.8754, Plg1 0.0000^Azms50.0000^; N -0.0068, Plg79.0000^; Azm241.0000^; P -2.8686, Plg2.0000^; Azm141.0000^

NEIC 15 13:31:32.5, 1.6, 36.175x101.38W, h10km, 1km, mb5.3/274, Ms_20.5, 1/321, Mwbs5.6/17, Mwcs6.1(GCMT) Error ellipse: s-maj=19.1km s-min=15.1km az=253.0

BUI 15 13:31:34.0, 0.0, 36.175x101.38W, h10km, mb5.4/15, Ms_5.9/19, Ms_7.5/19 Error ellipse: s-maj=12.9km s-min=8.0km az=93.4

NEIC 15 13:31:35.36, 20S, 101.31W, h18km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr: 0.23; Mxx: 0.50; Myy: 0.74; Mzz: 0.18; Mxy: 3.08; Mxz: -0.18; Fault plane solution: M3: 160000^1017 NP1: 96.000000^387, 000000^177, 000000^0. NP2: 186.000000^387, 000000^177, 000000^0. Principal axes: T 3.2772, Plg4.0000^Azms15.0000^; N -0.2516, Plg86.0000^; Azm237.0000^; P -3.0256, Plg0.0000^; Azm141.0000^

GCMT 15 13:31:35.5, 0.1, 36.165x101.101, 27W, 0.01, h18km, Mwbs: 6.164, Moment Tensor Solution. s144, c267, s164, c326; Duration: 15s Moment tensor: Scale 10^17Nm; Mrr: 0.23; Mxx: 0.50; Myy: 0.74; Mzz: 0.18; Mxy: 3.08; Mxz: -0.18; Fault plane solution: M3: 160000^1017 NP1: 96.000000^387, 000000^177, 000000^0. NP2: 186.000000^387, 000000^177, 000000^0. Principal axes: T 3.0420, Plg9.0000^; Azm51.0000^; N -0.3020, Plg81.0000^; Azm216.0000^; P -2.7400, Plg2.0000^; Azm321.0000^; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function. ISC 15 13:31:34.0, 0.0, 36.165x101.101, 27W, 0.07, h14km, 3km, h14km; P-P: n939, r133/808, mbs: 3/156, MS5.0/184, 31C-17D, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res, RPN, Rapa Nui, 11.30, 32, Pn, 13 34 15.9 +0.8, etc. Lists astronomical objects with various parameters and identifiers.

15d 13h

JCT	comp=Z,53nm,1.9s	66.22	1	P	P	13 42 21.5	+0.2
JCT	Junction City	66.22	1	P	P	13 42 21.0	-0.3
JCT	Junction City	66.22	1	P	P	13 42 21.5	+0.2
DWPF	Disney Wildern	66.50	19	P	P	13 42 22.7	-0.4
319A	Douglas	67.53	353	P	P	13 42 29.8	0.0
319A				IAMB	IAMB	13 42 39.6	
MNTX	comp=Z,26nm,0.9s	67.53	356	P	P	13 42 29.2	-0.5
MNTX	Cornudas Mount	67.53	356	P	P	13 42 28.1	-1.6
WHTX	Lake Whitney,	67.80	3	P	P	13 42 30.9	-0.4
WHTX				IAMB	IAMB	13 42 41.5	
237A	Washetta, 1.1s	67.91	5	P	P	13 42 32.2	+0.2
ABTX	Abilene, Hawle	68.36	1	P	P	13 42 34.5	-0.3
ABTX	Abilene, Hawle	68.36	1	P	P	13 42 33.9	-1.0
214A	Organ Pipe Nat	68.55	349	P	P	13 42 35.8	-0.2
TUC	Tucson	68.62	351	P	P	13 42 35.9	-0.6
TUC				PMAX			
TUC	comp=Z,39nm,1.5s	68.62	351	P	P	13 42 36.4	-0.2
TUC	Tucson	68.62	351	P	P	13 42 35.9	-0.6
TUC				IAMB	IAMB	13 42 42.1	
113A	Mohawk Valley,	69.49	349	P	P	13 42 41.9	+0.1
MSX	Muleshoe	69.70	359	P	P	13 42 42.7	-0.6
MSX	Muleshoe	69.70	359	P	P	13 42 41.9	-1.4
MSX				IAMB	IAMB	13 42 51.8	
IKP	comp=Z,18nm,0.9s	69.78	347	P	P	13 42 43.1	-0.6
IKP	In-Ko-Pah, Jac	69.78	347	P	P	13 42 43.1	-0.6
WLAR	White Oak Lake	69.81	7	P	P	13 42 43.8	0.0
WLAR				IAMB	IAMB	13 42 53.0	
BAR	Barrett	69.92	346	P	P	13 42 43.8	-0.8
BAR				IAMB	IAMB	13 42 50.9	
GLA	comp=Z,44nm,1.4s	69.94	348	P	P	13 42 44.1	-0.6
GLA	Glamis	69.94	348	P	P	13 42 44.1	-0.6
GLA				PMAX			
GLA	Glamis	69.94	348	P	P	13 42 44.1	-0.6
GLA	Glamis	69.94	348	P	P	13 42 44.1	-0.6
GLA				IAMB	IAMB	13 42 50.8	
Z47A	Carrollton	70.00	12	P	P	13 42 44.5	-0.5
SWSC	Sam W. Stewart	70.01	347	P	P	13 42 44.1	-1.0
LRAL	Lakeview Retre	70.02	13	P	P	13 42 44.4	-0.7
LRAL	Lakeview Retre	70.02	13	P	P	13 42 45.0	0.0
LRAL				IAMB	IAMB	13 42 59.2	
MONP2	Monument Peak	70.08	346	P	P	13 42 44.6	-1.1
152A	Waverly Hall	70.10	15	P	P	13 42 45.4	-0.2
152A				IAMB	IAMB	13 42 54.6	
257A	Skidaway Island,	70.28	18	P	P	13 42 45.3	-1.4
X34A	Smith Ranch, M	70.38	3	P	P	13 42 46.2	-1.1
154A	Montrose	70.40	16	P	P	13 42 45.7	-1.7
Y45A	Yeager Farm, C	70.42	10	P	P	13 42 47.6	+0.1
Z50A	Ashland	70.43	14	P	P	13 42 46.8	-0.9
Z50A	Ashland	70.43	14	P	P	13 42 47.0	-0.6
WMOK	Wichita Mounta	70.49	2	P	P	13 42 46.3	-1.7
WMOK				PMAX			
WMOK	Wichita Mounta	70.49	2	P	P	13 42 46.9	-1.1
WMOK	Wichita Mounta	70.49	2	P	P	13 42 46.3	-1.7
Y12C	Blythe	70.58	348	P	P	13 42 48.3	-0.2
Y12C	Blythe	70.58	348	P	P	13 42 48.1	-0.4
Y12C				IAMB	IAMB	13 42 54.9	
SC12	San Clemente I	70.59	345	P	P	13 42 48.2	-0.4
AMTX	Amarillo	70.60	360	P	P	13 42 48.4	-0.3
AMTX	Amarillo	70.60	360	P	P	13 42 47.9	-0.9
AMTX				IAMB	IAMB	13 42 53.0	
MIAR	comp=Z,34nm,1.1s	70.62	7	P	P	13 42 47.9	-0.8
MIAR	MIAR	70.62	7	P	P	13 42 48.6	-0.1
MIAR	MIAR	70.62	7	P	P	13 42 47.9	-0.8
MIAR	MIAR	70.62	7	P	P	13 42 48.8	-0.8
Z51A	Franklin	70.64	14	P	P	13 42 48.7	-0.2
Z51A				IAMB	IAMB	13 44 21.9	
Z51A				IAMS_20	IAMS_20	14 09 30.7	
BC3	Big Chuckawall	70.64	347	P	P	13 42 48.6	-0.4
X18A	Snowflake	70.72	352	P	P	13 42 48.5	-1.1
X16A	Lo Mia Camp, P	70.78	351	P	P	13 42 49.2	-0.8
X16A				IAMB	IAMB	13 43 00.3	
XPFO	Pion Flat	70.78	347	P	P	13 42 48.3	-1.6
PFO	Pinyon Flats O	70.78	347	eP	P	13 42 50.4	+0.5
PFO				PMAX			
PFO	Pinyon Flats O	70.78	347	P	P	13 42 49.8	-0.1
PFO	Pinyon Flats O	70.78	347	P	P	13 42 48.4	-1.6
ANMO	Albuquerque	70.83	355	eP	P	13 42 49.8	-0.4
ANMO				PMAX			
ANMO	Albuquerque	70.83	355	P	P	13 42 49.8	-0.4
ANMO	Albuquerque	70.83	355	P	P	13 42 49.2	-1.1
MURC	Murrieta	70.92	346	P	P	13 42 50.4	-0.2
UALR	University of	70.97	8	P	P	13 42 50.7	-0.1
UALR				IAMB	IAMB	13 43 00.1	
CIS	Catalina Islan	70.97	345	P	P	13 42 49.6	-1.3
PDMCI	Parker Dam,Lak	71.06	349	P	P	13 42 51.0	-0.4
BELC	Belle Mtn.,Jos	71.08	347	P	P	13 42 51.6	-0.1
IRM	Iron Mountain	71.08	348	P	P	13 42 51.6	0.0
OXF	Oxford	71.08	10	P	P	13 42 49.6	-1.9
OXF	Oxford	71.08	10	P	P	13 42 51.2	-0.3
GOGA	Godfrey	71.08	16	P	P	13 42 52.0	-0.3
W39A	Magazine	71.24	6	P	P	13 42 52.1	-0.4
W39A	Magazine	71.24	6	P	P	13 42 52.1	-0.4
W39A				IAMB	IAMB	13 42 57.7	
W18A	Petrified Fore	71.28	353	P	P	13 42 52.7	-0.3
W18A	Petrified Fore	71.28	353	P	P	13 42 51.5	-1.4
SYO	Syowa Base	71.29	166	eP	P	13 42 49.9	-2.7
SYO	Syowa Base	71.29	166	eP	P	13 42 53.9	-2.0
SYO	Syowa Base	71.29	166	eP	P	13 42 55.4	-1.8
W41B	Gary Mavity, V	71.37	8	P	P	13 42 53.4	+0.1
W41B				P	P	13 42 53.2	-0.2
X48A	Hartselle	71.39	12	P	P	13 42 53.3	-0.7
WHAR	Woolly Hollow	71.48	8	P	P	13 42 58.2	
Z56A	Williston	71.48	17	P	P	13 42 58.2	
Z56A				IAMS_20	IAMS_20	14 10 12.2	
BBRC	Big Bear Solar	71.50	346	P	P	13 42 54.8	+0.3
BASC	Mount Baldy Ra	71.63	346	P	P	13 42 54.6	-0.4
PASC	Pasadena Art C	71.67	345	P	P	13 42 54.5	-0.6
PASC				IAMB	IAMB	13 43 23.0	
PLAL	Pickwick Lake	71.74	11	P	P	13 42 54.0	-1.5

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PLAL				IAMB	IAMB	13 43 04.0	
GMRC	comp=Z,29nm,1.2s	71.78	347	P	P	13 42 56.5	+0.6
BLG	Laguna Peak, P	71.79	344	P	P	13 42 56.0	+0.2
W13A	Hualapai Mount	71.80	349	P	P	13 42 55.2	-0.9
WUAZ	Wupatki	71.86	351	P	P	13 42 57.3	+0.9
WUAZ				P	P	13 42 55.4	-1.1
HEC	Hector,Ludlow	71.94	347	P	P	13 42 56.9	+0.1
FCAR	Ozark Folk Cen	72.09	8	P	P	13 42 56.0	-1.6
U32A	Winter Ranch,	72.12	2	P	P	13 42 57.3	-0.5
U32A				IAMB	IAMB	13 43 08.2	
HODGE	Hodges	72.14	16	P	P	13 42 57.0	-1.0
HODGE				IAMB	IAMB	13 45 10.5	
HHAR	Hobbs	72.31	6	P	P	13 42 58.0	-0.9
EDWZ	Edwards Air Fo	72.31	346	P	P	13 42 59.3	+0.2
SWET	comp=Z,652nm,18.0s	72.34	13	IAMS_20	IAMS_20	14 14 32.7	
LCAR	Lake Charles	72.38	9	P	P	13 42 59.3	0.0
LCAR				IAMB	IAMB	13 43 08.3	
U38A	comp=Z,25nm,1.1s	72.42	6	P	P	13 42 58.6	-1.0
U38A	Gravette	72.42	6	P	P	13 43 03.5	
W50A	Signal Mountai	72.44	14	P	P	13 42 59.3	-0.5
TUQ	Turquoise Moun	72.46	347	P	P	13 42 59.9	-0.1
MSVF	comp=Z,20nm,1.2s	72.46	261	eP	PMAX	13 43 02.1	+1.6
MSVF	Nonsavu	72.46	261	eP	PMAX	13 43 02.1	+1.6
Y58A	Scranton	72.46	19	IAMS_20	IAMS_20	14 11 20.1	
U40A	comp=Z,1um,18.0s	72.48	7	P	P	13 42 59.5	-0.5
U40A	Yellow Pine	72.48	7	P	P	13 42 59.4	-0.8
GSC	Goldstone, Bar	72.49	347	P	PMAX	13 43 00.1	0.0
GSC				PMAX			
GSC	Goldstone, Bar	72.49	347	P	P	13 42 59.4	-0.8
GSC				IAMB	IAMB	13 43 06.7	
X55A	comp=Z,54nm,1.6s	72.52	17	P	P	13 42 59.8	-0.3
X55A	Gracelyn & Ava	72.52	17	P	P	13 42 59.8	-0.3
X56A	White Oak	72.68	17	P	P	13 43 01.0	-0.1
V48A	Smith Brothers	72.69	12	P	P	13 42 59.7	-1.5
V48A				IAMB	IAMB	13 43 04.5	
PKM	comp=Z,18nm,0.8s	72.71	344	P	P	13 43 01.3	-0.3
PKM	Mpherson Peak	72.71	344	P	P	13 43 01.3	-0.3
LRMC	Laurel Mtn Rad	72.83	346	P	P	13 43 02.5	+0.3
LRMC				P	P	13 43 01.9	-0.7
U15A	North Rim	72.87	351	P	P	13 43 08.4	
U15A				IAMB	IAMB	13 43 08.4	
WVT	comp=Z,39nm,1.4s	72.91	11	P	P	13 43 01.3	-1.2
WVT	Waverly	72.91	11	P	PMAX	13 43 01.3	-1.2
WVT	Waverly	72.91	11	P	P	13 43 02.6	+0.2
WVT	Waverly	72.91	11	P	P	13 43 01.3	-1.2
WVT	Waverly	72.91	11	IAMS_20	IAMS_20	14 10 19.3	
T25A	comp=Z,758nm,21.0s	72.91	357	P	P	13 43 02.7	0.0
T25A	Trinidad	72.91	357	P			

PNTN	baz=196	Pine Nut	76.70	345	P	Iamb	P	13 43 24.1	-0.6
N23A	comp=Z,32nm,0.8s	Red Feather La	76.72	356	P	P	P	13 43 27.1	+2.3
N35A	baz=176	Tabor	76.73	4	P	P	P	13 43 24.2	-0.3
Q53A	baz=196	Leroy	76.74	16	P	P	P	13 43 26.4	+1.8
O44A	comp=Z,704nm,21.0s	Manstfield	76.75	10	IAMS_20	IAMS_20		14 13 06.6	
R58B	baz=199	Mineral	76.76	19	P	P	P	13 43 26.4	+1.7
RUBR	baz=199	Rubicon Trail	76.78	345	P	P	P	13 43 24.7	-0.4
S60A	baz=200	Water View	76.85	20	P	P	P	13 43 27.2	+2.0
AFDM	comp=Z,673nm,20.0s	Forest Hills D	76.86	344	P	IAMS_20	IAMS_20	14 09 04.1	
JLU	baz=199	Jordanella	76.89	352	P	P	P	13 43 25.3	-0.4
R57A	baz=199	Standardsville	76.91	18	P	P	P	13 43 27.8	+2.2
N41A	baz=199	Harden Midland	77.00	8	P	Iamb	P	13 43 25.4	-0.6
P50A	comp=Z,59nm,1.4s	Jamestown	77.00	14	P	P	P	13 43 28.6	+2.6
Q54A	baz=194	Coxs Mills	77.02	16	P	P	P	13 43 27.9	+1.8
P51A	baz=195	Williamsport	77.02	14	P	P	P	13 43 28.7	+2.6
HDIL	baz=199	Hopedale	77.04	9	P	P	P	13 43 29.0	+2.8
HDIL	baz=199	Hopedale	77.04	9	P	P	P	13 43 29.1	-0.1
R58A	baz=199	Rapidan	77.05	19	P	P	P	13 43 29.0	+2.7
PHWY	baz=197	Pilot Hill	77.10	357	P	P	P	13 43 26.9	-0.1
SFIN	comp=Z,679nm,21.0s	Lafayette	77.18	11	IAMS_20	IAMS_20		14 13 04.8	
Q55A	baz=197	Buckhannon	77.20	17	P	P	P	13 43 28.9	+1.7
PAHR	baz=197	Pat Rah Range	77.25	346	P	P	P	13 43 26.4	-1.2
P52A	baz=196	Corning	77.36	15	P	P	P	13 43 30.3	+2.3
P53A	baz=196	Whipple	77.37	16	P	P	P	13 43 30.2	+2.0
O48A	baz=193	Farmfield	77.38	13	P	P	P	13 43 30.0	+1.9
TCUT	baz=193	Toone Canyon	77.39	352	P	P	P	13 43 26.5	-2.0
BGU	baz=197	Big Grassy Mou	77.40	351	P	P	P	13 43 26.6	-1.8
Q56A	comp=Z,71um,18.0s	Snyder Ridge	77.45	17	IAMS_20	IAMS_20		14 14 09.2	
ELK	comp=Z,21nm,1.3s	Elko	77.53	349	P	P	P	13 43 28.0	-1.3
ELK	comp=Z,21nm,1.3s	Elko	77.53	349	P	P	P	13 43 28.0	-1.3
O50A	baz=194	Cable	77.55	14	P	P	P	13 43 31.5	+2.3
ORV	baz=194	Oroville	77.56	344	P	P	P	13 43 29.0	-0.2
ORV	comp=Z,33nm,1.4s	Oroville	77.56	344	P	Iamb	Iamb	13 43 28.9	-0.2
ORV	comp=Z,33nm,1.4s	Oroville	77.56	344	P	Iamb	Iamb	13 43 35.9	
BEKR	comp=Z,926nm,22.0s	Beckworth	77.61	345	P	IAMS_20	IAMS_20	14 09 12.6	
BEKR	comp=Z,640nm,19.0s	Beckworth	77.61	345	P	IAMS_20	IAMS_20	14 11 05.0	
Q57A	baz=199	Strasburg	77.64	18	P	P	P	13 43 31.6	+2.0
P54A	baz=197	Barton	77.69	16	P	P	P	13 43 31.6	+1.7
SPUT	baz=197	South Promonto	77.70	351	P	P	P	13 43 29.4	-0.7
Q58A	baz=199	Fox Den Farm,	77.74	19	P	P	P	13 43 31.8	+1.6
O51A	baz=195	Pataksala	77.75	14	P	P	P	13 43 32.1	+1.8
ACSO	baz=195	Alum Creek Sta	77.76	14	P	P	P	13 43 32.1	+1.8
ACSO	comp=Z,48nm,1.2s	Alum Creek Sta	77.76	14	P	Iamb	Iamb	13 43 29.1	-1.2
O52A	baz=196	Adamsville	77.78	15	P	P	P	13 43 32.5	+1.5
O52A	baz=196	Adamsville	77.78	15	P	P	P	13 43 29.0	-2.0
HWUT	baz=196	Hardware Ranch	77.89	352	P	P	P	13 43 30.6	-0.7
SCIA	baz=200	State Center	77.95	6	P	P	P	13 43 33.8	+2.5
N48A	baz=187	Decatur	77.99	12	P	P	P	13 43 33.9	+2.4
M44A	baz=193	Midewin, Midew	78.03	10	IAMS_20	IAMS_20		14 13 33.3	
O53A	comp=Z,676nm,21.0s	New Philadelphia	78.14	15	P	P	P	13 43 34.2	+1.8
P57A	baz=196	Homestead Farm	78.16	18	IAMS_20	IAMS_20		14 13 37.0	
N49A	baz=194	Columbus Grove	78.20	13	P	P	P	13 43 34.6	+1.9
L40A	baz=194	Anamosa	78.30	8	P	P	P	13 43 33.3	+0.1
L40A	comp=Z,40nm,1.2s	Payne Creek	78.33	344	P	P	P	13 43 35.5	+1.9
O03E	baz=163	Pank, Wackersv	78.35	19	P	P	P	13 43 35.3	+1.7
P58A	baz=200	Pank, Wackersv	78.35	19	P	P	P	13 43 35.3	+1.7
K31A	baz=200	O'Neill	78.36	2	P	P	P	13 43 33.5	-0.1
SDMD	comp=Z,859nm,21.0s	Soldier's Deli	78.40	19	IAMS_20	IAMS_20		14 13 25.2	
O02D	baz=162	Mt. Diablo Mer	78.44	343	P	P	P	13 43 36.0	+1.8
KIP	comp=Z,298nm,1.7s	Kipapa	78.46	307	P	P	P	13 43 36.0	+1.4
K22A	baz=176	Casper	78.50	356	P	P	P	13 43 36.4	+1.8
K22A	baz=176	Casper	78.50	356	P	Iamb	Iamb	13 43 33.8	-0.8
O55A	comp=Z,66nm,1.4s	Ligonier	78.53	17	P	P	P	13 43 36.8	+2.2
N51A	baz=198	Ashland	78.54	14	P	P	P	13 43 36.7	+2.0
N52A	baz=195	McGinn's Farm,	78.58	15	P	P	P	13 43 36.2	+1.3
M48A	baz=196	Edgerton	78.65	13	IAMS_20	IAMS_20		14 17 21.8	
KMRM	comp=Z,672nm,18.0s	Mali Ridge	78.71	343	P	Iamb	Iamb	13 43 33.9	-1.8
KMRM	comp=Z,42nm,0.9s	Lisbon	78.76	16	P	P	P	13 43 37.7	+1.9
N53A	baz=197	Lisbon	78.76	16	IAMS_20	IAMS_20		14 15 45.7	
O56A	comp=Z,582nm,18.0s	Blue Knob Stat	78.77	17	P	P	P	13 43 37.6	+1.7
O56A	baz=198	Blue Knob Stat	78.77	17	P	Iamb	Iamb	13 43 35.4	-0.5
O56A	comp=Z,45nm,1.1s	Blue Knob Stat	78.77	17	P	Iamb	Iamb	13 43 44.6	
O56A	comp=Z,760nm,20.0s	Blue Knob Stat	78.77	17	IAMS_20	IAMS_20		14 13 09.0	
WDC	comp=Z,59nm,1.5s	Whiskeytown Da	78.77	344	P	P	P	13 43 35.3	-0.6
WDC	comp=Z,59nm,1.5s	Whiskeytown Da	78.77	344	P	P	P	13 43 35.3	-0.6
WDC	comp=Z,59nm,1.5s	Whiskeytown Da	78.77	344	P	Iamb	Iamb	13 43 35.3	-0.6
L44A	comp=Z,59nm,1.5s	Lake County Fo	78.82	10	IAMS_20	IAMS_20		14 13 58.3	
BW06	comp=Z,738nm,22.0s	Boulder Array	78.84	354	P	P	P	13 43 37.4	+0.9
BW06	baz=173,SNR=19	Boulder Array	78.84	354	P	Iamb	Iamb	13 43 35.3	-1.2
BW06	comp=Z,68nm,1.4s	Boulder Array	78.84	354	P	Iamb	Iamb	13 43 45.9	
PD31	comp=Z,57nm,1.4s	Pinedale Array	78.84	354	P	P	P	13 43 35.2	-1.3
PDAR	comp=Z,8.9nm,0.6s,ba=156,slow=6.5,SNR=31	Pinedale Array	78.84	354	P	P	P	13 43 35.7	-0.8
PDAR	comp=Z,193nm,18.5s,ba=161,slow=32	Pinedale Array	78.84	354	P	LR	LR	14 12 54.6	
PDAR	comp=Z,193nm,18.5s,ba=161,slow=32	Pinedale Array	78.84	354	P	P	P	13 43 35.0	-1.5
AHID	baz=198	Pinburn Hatcher	78.89	353	P	P	P	13 43 36.7	-0.6
O58A	baz=200	Lewisberry	79.05	19	P	P	P	13 43 38.1	+0.7
N54A	baz=197	Moraine State	79.09	16	P	P	P	13 43 39.0	+1.3

N54A	baz=197	Moraine State	79.09	16	P	Iamb	Iamb	13 43 36.8	-0.8
N54A	comp=Z,38nm,1.1s	Moraine State	79.09	16	P	Iamb	Iamb	13 43 47.2	
N54A	comp=Z,878nm,20.0s	Moraine State	79.09	16	IAMS_20	IAMS_20		14 14 41.6	
P60A	comp=Z,71um,22.0s	Greenville	79.10	20	IAMS_20	IAMS_20		14 13 07.9	
N55A	comp=Z,79.16	Marion Center	79.16	17	P	P	P	13 43 39.5	+1.4
DZM	baz=198	Mont Dismas	79.17	251	eS	S		13 53 17.2	-21
DZM	comp=Z,308nm,28.3s	Mont Dismas	79.17	251	eS	SS		13 58 21.2	-23
DZM	comp=Z,2um,31.2s	Mont Dismas	79.17	251	eLQ	LQ		14 04 21.0	
DZM	comp=Z,2um,31.2s	Mont Dismas	79.17	251	eLR	LR		14 07 40.5	
N02D	comp=Z,3um,27.4s,ba=141	Trinity Center	79.18	344	P	P	P	13 43 40.0	+1.8
JFWS	baz=192	Jewell Farm	79.25	8	P	P	P	13 43 35.6	-2.8
JFWS	comp=Z,17nm,0.8s	Jewell Farm	79.25	8	P	P	P	13 43 40.9	+2.5
JFWS	baz=189	Jewell Farm	79.25	8	P	P	P	13 43 35.6	-2.8
JFWS	baz=189	Jewell Farm	79.25	8	P	P	P	13 43 36.9	-1.7
K43A	baz=189	Standing Stone	79.28	18	P	P	P	13 43 40.6	+2.0
SSPA	comp=Z,56nm,1.4s	Standing Stone	79.28	18	P	Iamb	Iamb	13 43 37.1	-1.5
SSPA	comp=Z,56nm,1.4s	Standing Stone	79.28	18	P	Iamb	Iamb	13 43 47.6	
SSPA	comp=Z,28nm,1.1s	Standing Stone	79.28	18	IAMS_20	IAMS_20		14 14 30.7	
M53A	baz=197	WI Miller and	79.40	16	P	P	P	13 43 41.4	+2.1
N57A	baz=197	Milroy	79.48	18	P	P	P	13 43 41.2	+1.4
ECSD	comp=Z,28nm,1.1s	EROS Data Cent	79.54	3	P	P	P	13 43 42.4	+2.4
ECSD	comp=Z,28nm,1.1s	EROS Data Cent	79.54	3	P	Iamb	Iamb	13 43 38.6	-1.5
ECSD	comp=Z,28nm,1.1s	EROS Data Cent	79.54	3	P	Iamb	Iamb	13 43 50.3	
REDW	comp=Z,49nm,1.4s	Red Top Meadow	79.55	353	P	Iamb	Iamb	13 43 38.9	-1.5
REDW	comp=Z,49nm,1.4s	Red Top Meadow	79.55	353	P	Iamb	Iamb	13 43 45.5	
MOD	comp=Z,49nm,1.4s	Modoc Plateau	79.56	346	P	Iamb	Iamb	13 43 39.5	-0.8
MOD	comp=Z,49nm,1.4s	Modoc Plateau	79.56	346	P	Iamb	Iamb	13 43 50.6	
M02C	comp=Z,41nm,1.3s	Callahan	79.62	344	P	P	P	13 43 43.1	+2.5
M02C	comp=Z,41nm,1.3s	Callahan	79.62	344	P	P	P	13 43 40.1	-0.8
SNOW	comp=Z,41nm,1.3s	Snow King Moun	79.64	353	P	P	P	13 43 43.6	+2.7
M54A	comp=Z,41nm,1.3s	Oil Creek Stat	79.69	16	P	P	P	13 43 43.6	+2.7
TPAW	comp=Z,45nm,1.2s	Teton Pass	79.69	353	P	Iamb	Iamb	13 43 40.2	-1.0
TPAW	comp=Z,45nm,1.2s	Teton Pass	79.69	353	P	Iamb	Iamb	13 43 46.4	
WVOR	comp=Z,28nm,1.4s	Wild Horse Val	79.75	347	P	P	P	13 43 40.5	-0.8
WVOR	comp=Z,28nm,1.4s	Wild Horse Val	79.75	347	P	P	P	13 43 40.5	-0.8
WVOR	comp=Z,28nm,1.4s	Wild Horse Val	79.75	347	P	P	P	13 43 40.5	-0.8
K47A	comp=Z,28nm,1.4s	Wild Horse Val	79.75	347	P	P	P	13 43 40.5	-0.8
M04C	comp=Z,163	Macdoel	79.76	344	P	P	P	13 43 43.9	+2.5
N58A	comp=Z,47nm,1.2s	Sunbury	79.77	19	P	P	P	13 43 44.0	+2.7
N58A	comp=Z,47nm,1.2s	Sunbury	79.77	19	P	P	P	13 43 44.0	+2.7
FXVY	comp=Z,47nm,1.2s	Fox Creek	79.84	353	P	P	P	13 43 41.0	-1.0
M55A	comp=Z,47nm,1.2s	Ridgway	79.86	17	P	P	P	13 43 43.5	+1.7
RSSD	comp=Z,24nm,1.1s	Black Hills	79.86	358	P	P	P	13 43 40.6	-1.5
RSSD	comp=Z,24nm,1.1s	Black Hills	79.86	358	P	P	P	13 43 43.4	+1.3
RSSD	comp=Z,24nm,1.1s	Black Hills	79.86	358	P	P	P	13 43 40.6	-1.5
RSSD	comp=Z,24nm,1.1s	Black Hills	79.86	358	P	P	P	13 43 41.8	-0.4
YBH	comp=Z,13nm,1.1s	Yreka Blue Hor	79.91	344	P	P	P	13 43 41.8	-0.4
YBH	comp=Z,13nm,1.1s	Yreka Blue Hor	79.91	344	P	P	P	13 43 41.8	-0

15d 13h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like E07A Sunnyside, D46A Sault St. Mari, EGMT Eagleton, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like YKA comp=Z,0.2nm,0.7s,baz=340,slow=2.8,SNR=3.6, DBIC Dimbokro, ASAR Alice Springs, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like GZR Gura Zlata, DRGR Gura Zlata, FINES FINESS Array B, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like BRVK Borovoye, YAK Yakutsk, KURK Kurchatov, ZALV Zalesovo Beam, etc.

IDC 15 16:15:33.7,999.0,16.37km,70.81W,h0km, Error ellipse: s-maj=481.4km s-min=51.6km az=87.0, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like 1099B BRASILIA INFRA, 1099A LAS PENAS INFRA, etc.

IDC 15 16:17:09.1-0.7,20.09S,70.65W,h0km,mb4.0/10, mb1 4.4/3,mb1mx4.2/27,mbtmp4.1/13,ML4.0/3, Error ellipse: s-maj=24.6km s-min=13.7km az=57.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like GUC 15 16:17:11.9,0.5,20.23S,70.85W,h2km,5km,ML4.3, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like PB12 IPOC Station P, PB12 IPOC Station P, PB12 IPOC Station P, etc.

ASAR Alice Springs 130 12 210 PKP PKPpdf 16 36 21.0 -0.3
ASAR Alice Springs 130 12 210 PKP PKPpdf 16 36 20.9 -0.3

WRA Warramunga Arr 133.04 213 PKP PKPpdf 16 36 26.6 -0.2
ZALV Zalesovo Beam 141.57 23 PKP PKPpdf 16 36 42.5 +1.1

VAO 15 16:21:12.9,0.8,20.57S,71.32W,h24km,3km,mb5.3
IDC 15 16:21:15.5,0.3,20.10S,70.64W,h0km,mb4.9/20, mb1 5.0/24,mb1mx5.0/27,mbtmp4.9/24,ML4.4/4,MS4.4/9, MS1 4.4/9,ms1mx4.1/32,Error ellipse: s-maj=13.5km s-min=9.4km az=75.0

NEIC 15 16:21:16.8,20.19S,70.73W,h9km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; M3,8,7; Mw=4.0; Mw=0.14; Mw=0.70; Mw=0.80; Mw=0.61; Fault plane solution: M5.29000x10^16 NP1=90.00000, 0.89.00000, 1.66.00000. NP2=69.00000, 0.39.00000, 1.15.00000. Principal axes: T 5.5266, Plg72.00000, Azm262.00000; N -0.4977, Plg18.00000, Azm79.00000; P -5.0279, Plg1.00000, Azm169.00000;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like NEIC 15 16:21:17.0,1.8,20.15S,0.03,70.69W,0.05,h15km,2km, etc.

NEIC 15 16:21:17.0,1.8,20.15S,0.03,70.69W,0.05,h15km,2km, mb5.5/421, MS 2.4/49, Mw5.0/43, Mw5.1, ML5.3(GUC), Mw5.2(GCMT) Error ellipse: s-maj=6.7km s-min=5.0km az=100.0

BUI 15 16:21:17.5,0.0,20.20S,70.70W,h10km,ms5.3/21, MS5.4/23,MS7.5/22
GUC 15 16:21:17.5,0.7,20.19S,70.83W,h28km,4km,ML5.3
NEIC 15 16:21:19.20.19S,70.73W,h12km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr4,9,4; Mw=4.85; Mw=0.09; Mw=0.16; Mw=0.92; Mw=0.77; Fault plane solution: M5.29000x10^16 NP1=92.00000, 0.89.00000, 1.66.00000. NP2=69.00000, 0.39.00000, 1.15.00000. Principal axes: T 5.5266, Plg72.00000, Azm262.00000; N -0.4977, Plg18.00000, Azm79.00000; P -5.0279, Plg1.00000, Azm169.00000;

MOS 15 16:21:20.3,1.0,19.71S,70.65W,h33km,mb5.5/17 Error ellipse: s-maj=11.6km s-min=6.2km az=109.0
NEIC 15 16:21:21.2,20.21S,70.70W,h13km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr5,4,6; Mw=5.30; Mw=0.17; Mw=1.94; Mw=0.19; Mw=3.15; Fault plane solution: M6.53000x10^16 NP1=293.00000, 0.60.00000, 1.16.00000. NP2=69.00000, 0.39.00000, 1.15.00000. Principal axes: T 7.1481, Plg65.00000, Azm250.00000; N -1.4843, Plg22.00000, Azm99.00000; P -5.6637, Plg11.00000, Azm4.00000;

GCMT 15 16:21:22.0,0.2,20.20S,0.01,70.78W,0.02,h13km, MW5.1/124, Moment Tensor Solution. s69,c82; s124,c192; Duration: 0 Moment tensor: Scale 10^16Nm; Mr5,3,2,19; Mw=5.28,13; Mw=0.03,13; Mw=1.87,29; Mw=0.36,09; Mw=0.94,44; Best double couple: M5.70700x10^16 NP1=76.00000, 0.36.00000, 1.73.00000. NP2=276.00000, 0.85.00000, 1.102.00000. Principal axes: T 5.8060, Plg76.00000, Azm224.00000; N -0.1980, Plg10.00000, Azm90.00000; P -5.6070, Plg10.00000, Azm358.00000. nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

15d 16h

CBKS	Cedar Bluff	64.68	335	P	P	16 31 53.4	-1.1
H55A	Tweed	64.69	355	P	P	16 31 54.5	+0.2
DELO	Deloro Mine	64.70	355	P	P	16 31 53.8	-0.5
DELO	Deloro Mine	64.70	355	I Amb	I Amb	16 32 01.4	
TUC	Tucson	64.76	323	P	P	16 31 54.5	-0.7
TUC	Tucson	64.76	323	P	P	16 31 54.5	-0.7
TUC	Tucson	64.76	323	P	P	16 31 54.3	-0.6
L40A	Anamosa	64.78	343	I Amb	I Amb	16 31 55.2	
H53A	Bobcaygeon	64.85	354	P	P	16 31 55.2	-0.1
G60A	Masonville	64.99	359	P	P	16 31 57.0	+0.7
G63A	Kingsbury	65.00	1	P	P	16 31 56.9	+0.6
N35A	Tabor	65.00	339	P	P	16 31 55.7	-0.8
H52A	Wyevale	65.06	353	P	P	16 31 55.1	-0.6
G62A	West of Eustis	65.09	0	P	P	16 31 58.2	+1.2
G62A	West of Eustis	65.09	0	P	P	16 31 56.9	-0.1
G57A	Newburg	65.09	357	P	P	16 31 57.2	+0.3
G58A	Ormsworn	65.09	357	P	P	16 31 57.6	+0.7
SADO	Sadowa	65.10	353	P	P	16 31 56.4	-0.6
I47A	Gladwin	65.13	349	P	P	16 31 56.1	-1.1
G65A	Princeton	65.14	2	P	P	16 31 57.8	+0.6
G65A	Princeton	65.14	2	I AMs_20	I AMs_20	16 58 58.6	
G64A	Maxfield	65.15	2	P	P	16 31 57.6	+0.3
PKME	Peaks-Kenny Pk	65.15	1	P	P	16 31 57.7	+0.4
PKME	Peaks-Kenny Pk	65.15	1	I Amb	I Amb	16 32 05.0	
I48A	Sherman Twp	65.16	350	P	P	16 31 56.4	-1.0
G61A	St-Isidore-de-	65.16	359	P	P	16 31 58.6	+1.2
SCIA	State Center	65.19	342	P	P	16 31 57.2	-0.5
SCIA	State Center	65.19	342	P	P	16 31 57.0	-0.7
I46A	Reed City	65.23	348	P	P	16 31 56.3	-1.6
T25A	Trinidad	65.27	331	P	P	16 31 59.2	+0.6
JFWS	Jewell Farm	65.31	344	P	P	16 31 57.0	-1.4
JFWS	Jewell Farm	65.31	344	P	P	16 31 57.8	-0.6
JFWS	Jewell Farm	65.31	344	I Amb	I Amb	16 32 04.9	
G55A	Calabogie	65.36	355	P	P	16 31 58.4	-0.2
G53A	Haliburton	65.39	354	P	P	16 31 59.0	-0.2
N33A	J Bar Exete	65.51	358	P	P	16 31 58.7	-1.1
H48A	Harrisville	65.59	350	I Amb	I Amb	16 31 59.1	-1.0
G54A	Lake Saint Pet	65.62	354	P	P	16 32 00.3	-0.1
214A	Organ Pipe Nat	65.67	321	P	P	16 32 02.4	+1.4
214A	Organ Pipe Nat	65.67	321	I Amb	I Amb	16 32 02.1	+1.1
K38A	Parkersburg	65.75	342	P	P	16 32 00.1	-1.1
H46A	File Lake	65.76	349	P	P	16 31 59.8	-1.4
F64A	Sherman	65.78	2	P	P	16 32 01.6	+0.3
GBN	Guyabourough	65.82	7	I AMs_20	I AMs_20	16 58 45.7	
F61A	St Evariste	65.85	360	P	P	16 32 02.4	+0.6
F60A	Warwick	65.85	359	P	P	16 32 02.9	+0.6
I42A	Draeger Farm,	65.91	346	P	P	16 32 01.3	-1.0
GLMI	Graying	65.93	349	P	P	16 32 02.9	+0.6
X18A	Snowflake	65.97	325	I Amb	I Amb	16 32 01.9	-1.2
K50C	Kaye Shedlock	66.03	333	P	P	16 32 03.6	+0.3
K50C	Kaye Shedlock	66.03	333	P	P	16 32 03.4	+0.1
F52A	Sundridge	66.13	353	P	P	16 32 03.4	-0.3
G47A	Hillman	66.14	350	P	P	16 32 03.2	-0.5
ALGO	Algonquin Park	66.16	354	P	P	16 32 03.6	-0.2
TRQ	Mont Tremblant	66.19	357	P	P	16 32 03.8	-0.3
L34A	Svensden Farm,	66.24	339	P	P	16 32 03.7	-0.7
S60A	Ste Agathe de	66.25	359	P	P	16 32 04.5	+0.1
SDCO	Great Sand Dun	66.26	330	P	P	16 32 05.8	+0.8
SDCO	Great Sand Dun	66.26	330	I Amb	I Amb	16 32 05.2	+0.2
E58A	La Victoria	66.29	358	P	P	16 32 04.9	+0.3
W18A	Petrified Fore	66.30	326	P	P	16 32 06.0	+0.8
W18A	Petrified Fore	66.30	326	I Amb	I Amb	16 32 06.0	+0.8
I40A	Norwalk	66.33	344	P	P	16 32 03.9	-1.0
G45A	Suttons Bay	66.33	349	P	P	16 32 03.8	-1.1
F51A	Arnstein	66.33	353	P	P	16 32 04.5	-0.4
E63A	Oxbow	66.33	2	P	P	16 32 05.2	+0.3
E63A	Oxbow	66.33	2	P	P	16 32 05.2	+0.3
E64A	Bridgewater	66.35	2	P	P	16 32 04.8	-0.2
BGNE	Belgrade	66.35	338	P	P	16 32 05.2	0.0
BGNE	Belgrade	66.35	338	P	P	16 32 04.9	-0.2
E57A	Chemine Saint G	66.36	357	P	P	16 32 05.3	+0.2
F49A	Sandfield	66.44	351	P	P	16 32 05.2	-0.4
G46A	Potoskey	66.45	349	P	P	16 32 05.3	-0.4
E55A	Montcer-Lytto	66.50	356	P	P	16 32 05.8	-0.2
E56A	St. Veronique	66.53	357	P	P	16 32 06.2	0.0
E52A	Mattawa	66.55	354	P	P	16 32 06.1	-0.2
F48A	Evansville	66.58	351	P	P	16 32 05.7	-0.8
X16A	Lo Mia Camp, P	66.70	324	I Amb	I Amb	16 32 08.5	+0.8
D60A	Saint Jean D'O	66.79	360	P	P	16 32 07.6	-0.2
I13A	Mohawk Valley,	66.82	321	P	P	16 32 09.2	+1.0
E51A	G1948 Merrick	66.88	353	P	P	16 32 08.3	-0.1
S22A	4UR Ranch, Cre	66.89	329	P	P	16 32 09.7	+0.7

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F45A	CMU Biological	66.92	349	P	P	16 32 07.8	-0.8
D57A	Chemin Vers le	66.95	358	P	P	16 32 09.4	+0.5
D63A	Stockholm	66.95	2	P	P	16 32 09.5	+0.7
D62A	Allapoint, All	66.97	1	P	P	16 32 09.4	+0.4
D62A	Allapoint, All	66.97	1	I Amb	I Amb	16 32 10.7	
D56A	ZEC Mazanza, M	67.02	357	P	P	16 32 09.4	+0.1
D55A	Sainte-Anne-du	67.03	356	P	P	16 32 09.3	0.0
D61A	St Aubert, Com	67.08	0	P	P	16 32 09.9	+0.3
E48A	Loockeyer	67.16	351	P	P	16 32 09.7	-0.5
I37A	Lemond, Waseca	67.18	342	P	P	16 32 09.8	-0.6
D54A	Lac Fusel, La	67.24	356	P	P	16 32 10.1	-0.6
D53A	Lac Vacive, Po	67.25	355	P	P	16 32 10.3	-0.4
MVCO	Mesa Verde	67.28	328	P	P	16 32 12.1	+0.7
MVCO	Mesa Verde	67.28	328	I Amb	I Amb	16 32 19.6	
BATQ	Bathurst New B	67.28	3	P	P	16 32 10.9	-0.1
LATQ	La Tuque	67.28	358	P	P	16 32 11.1	+0.1
E47A	Iron Bridge	67.28	351	P	P	16 32 10.8	-0.1
E46A	Sault Ste Mari	67.37	350	P	P	16 32 10.1	-1.4
D51A	Lot 18 Range I	67.42	354	P	P	16 32 11.5	-0.3
OGNE	Ogallala	67.42	335	P	P	16 32 12.6	+0.5
OGNE	Ogallala	67.42	335	I Amb	I Amb	16 32 12.2	+0.2
WUAZ	Wupatki	67.48	325	P	P	16 32 14.1	+1.5
WUAZ	Wupatki	67.48	325	P	P	16 32 13.6	+1.0
D50A	G1974 Best Tow	67.54	353	P	P	16 32 12.3	-0.3
K31A	O'Neill	67.63	338	P	P	16 32 13.1	-0.3
GLA	Glamis	67.64	321	P	P	16 32 14.3	+0.7
GLA	Glamis	67.64	321	P	P	16 32 15.2	+1.5
GLA	Glamis	67.64	321	I Amb	I Amb	16 32 14.3	+0.7
D48A	Paudash Townsh	67.79	352	P	P	16 32 13.3	-0.8
D49A	Beulah Townsh	67.83	352	P	P	16 32 13.9	-0.5
D47A	Chapleau	67.86	351	P	P	16 32 13.6	-1.0
E43A	Lone Tree Farm	67.87	348	P	P	16 32 13.3	-1.3
E44A	Grand Marais A	67.90	349	I Amb	I Amb	16 32 14.3	-0.5
E44A	Grand Marais A	67.90	349	I Amb	I Amb	16 32 15.6	
ECSD	EROS Data Cent	67.90	340	P	P	16 32 14.6	-0.3
ECSD	EROS Data Cent	67.90	340	P	P	16 32 14.3	-0.7
Y12C	Blythe	67.96	322	P	P	16 32 17.2	+1.6
Y12C	Blythe	67.96	322	I Amb	I Amb	16 32 15.4	-0.1
ISCO	Idaho Springs	67.98	332	P	P	16 32 15.2	-0.8
ISCO	Idaho Springs	67.98	332	P	P	16 32 16.5	+0.6
ISCO	Idaho Springs	67.98	332	P	P	16 32 15.2	-0.8
PV01	Paradox Valley	68.04	329	I Amb	I Amb	16 32 16.2	0.0
COWI	Conover	68.06	346	P	P	16 32 14.9	-1.0
SMCO	Snowmass	68.10	330	P	P	16 32 16.7	-0.1
IKP	In-Ko-Pah, Jac	68.14	320	P	P	16 32 18.6	+1.8
PDMCI	Parker Dam, Lak	68.14	322	P	P	16 32 17.4	+0.8
SPMN	Marine on St.	68.14	343	P	P	16 32 15.3	-1.1
SPMN	Marine on St.	68.14	343	I Amb	I Amb	16 32 15.3	-1.1
SWSC	Sam W. Stewart	68.15	320	P	P	16 32 18.3	+1.6
PV15	Paradox Valley	68.16	329	P	P	16 32 17.2	-0.3
PV02	Paradox Valley	68.18	329	I Amb	I Amb	16 32 17.2	+0.1
PV13	Radium Mtn., P	68.18	328	I Amb	I Amb	16 32 17.3	+0.2
PV05	Paradox Valley	68.25	328	I Amb	I Amb	16 32 17.6	+0.1
VLD0	Val d'Or	68.26	355	P	P	16 32 16.9	-0.1
PV03	Paradox Valley	68.27	328	P	P	16 32 17.8	+0.2
PV18	Skein Mesa, Pa	68.29	328	I Amb	I Amb	16 32 20.0	
PV12	Saucer Basin,	68.29	329	P	P	16 32 18.4	+0.5
PV07	Paradox Valley	68.31	329	I Amb	I Amb	16 32 20.5	
PV11	David Mesa, P	68.31	328	I Amb	I Amb	16 32 18.2	+0.3
PV17	East Wray Mesa	68.34	328	I Amb	I Amb	16 32 17.8	-0.3
PV16	Nyswonger Mesa	68.34	328	I Amb	I Amb	16 32 17.5	-0.6
PV19	Morning Glory	68.38	328	P	P	16 32 18.6	+0.2
PV20	West Nyswonger	68.38	328	P	P	16 32 18.2	-0.2
PV04	Paradox Valley	68.40	329	I Amb	I Amb	16 32 20.9	
BC3	Big Chuckawall	68.44	321	P	P	16 32 20.4	+1.7
PV14	Lion Creek, Pa	68.45	328	I Amb	I Amb	16 32 18.2	-0.6
PV10	Paradox Valley	68.46	328	I Amb	I Amb	16 32 17.8	-1.1
PV10	Paradox Valley	68.4					

GCMT 15 17:12:23.8-0.4, 20:20S:0:03-71; 14W:0.0, h22km, 1km, MW:0.078, Moment Tensor Solution. s28,c33; s78,c89; Duration: 0 Moment tensor: Scale 1016Nm; Mr3.59t; 25; Mw=0.40t; 14; Mw=3.19t; 16; Mw0.46t; 17; Mw0.10t; 10; Mw=2.08t; 19; Best double couple: M=4.16400e+16; NP1=338.00000e, s30.00000e, lambda.00000e. NP2: 0s164.00000e, s60.00000e, lambda.00000e. Principal axes: T 4.1820, Plg74.0000, Azm83.0000; N -0.0340, Plg3.0000, Azm343.0000; P -4.1460, Plg15.0000, Azm252.0000; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15 17:12:20.7-0.7, 20:19S:0:03-70; 81W:0.0, h22km, 5km, n670, t1909/679, mb5.0/123, MS4.2/20, 9C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Residual, ISC, Time, Residual. Rows include stations like Huaiquique, Diego Aracena, Punta Patache, Pisagua, IPOC Station P, Chusmiza, IPOC Station P, Limon Verde, etc.

Table with columns: PTBC, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Residual, ISC, Time, Residual. Rows include stations like Bahia Solano, Dabeiba, Zaragoza, Santo Domingo, etc.

Table with columns: WWT, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Residual, ISC, Time, Residual. Rows include stations like Waverly, University of, Lewisbury, King George V, Leonardtown, etc.

CCM	comp=Z,14nm,1.1s	I	Amb	I	Amb	17 22 33.6
N55A	Marion Center baz=171,SNR=8.0	61.13	353	P	P	17 22 33.7 +0.4
ACSO	Alum Creek Sta baz=167	61.17	349	P	P	17 22 33.4 -0.1
ACSO	Alum Creek Sta	61.17	349	P	P	17 22 32.2 -1.4
N56A	West Decatur baz=172	61.19	354	P	P	17 22 34.2 +0.5
Q44A	Meyer Farm, Va	61.21	344	P	P	17 22 32.4 -1.4
Q44A				I	Amb	17 22 34.7
MNTX	comp=Z,22nm,1.1s	61.33	327	P	P	17 22 34.9 +0.1
MNTX	Cornudas Mount baz=143,SNR=12	61.33	327	P	P	17 22 34.1 -0.6
S39A	Cornudas Mount	61.35	340	P	P	17 22 34.0 -0.8
S39A	Bolivar			I	Amb	17 22 35.5
N53A	comp=Z,15nm,0.9s	61.40	351	P	P	17 22 34.6 -0.5
N54A	Lisbon baz=169	61.44	352	P	P	17 22 35.7 +0.3
N54A	Moraine State baz=170	61.44	352	P	P	17 22 35.5 +0.1
M58A	Price's Panora baz=174	61.47	355	P	P	17 22 35.8 +0.3
R40A	Maddies Statio	61.57	341	P	P	17 22 35.2 -1.0
R40A				I	Amb	17 22 37.3
M59A	comp=Z,10nm,0.8s	61.57	356	P	P	17 22 36.2 0.0
O48A	Waymart baz=175	61.61	348	P	P	17 22 36.6 +0.2
N50A	Farmland baz=165	61.73	349	P	P	17 22 37.0 -0.3
N51A	Nevada baz=167	61.74	350	P	P	17 22 37.6 +0.3
M56A	Ashland baz=168	61.74	354	P	P	17 22 38.0 +0.6
M56A	Emporium baz=172	61.74	354	P	P	17 22 38.9 -0.5
T35A	Emporium	61.77	337	P	P	17 22 37.6 0.0
M55A	Sooner Cattle baz=172,SNR=8.5	61.79	353	P	P	17 22 37.9 +0.2
M55A	Ridgway	61.79	353	P	P	17 22 37.5 -0.3
BRYW	Bryant College	61.80	359	P	P	17 22 37.8 +0.1
MSTX	Muleshoe baz=146	61.87	330	P	P	17 22 39.1 +0.6
MSTX	Muleshoe	61.87	330	P	P	17 22 38.7 +0.1
MSTX				I	Amb	17 22 40.1
VN3A	comp=Z,15nm,1.1s	61.88	161	P	P	17 22 39.5 +1.5
M54A	Neumayer Olymp Oil Creek Stat	61.93	352	P	P	17 22 39.1 +0.4
M54A				I	Amb	17 22 39.9 +1.1
L60A	Oil Creek Stat	61.93	352	P	P	17 22 38.7 0.0
M54A	Shokan baz=176	61.95	357	P	P	17 22 39.9 +1.1
P43A	Skaggs, Pawnee	62.04	344	P	P	17 22 37.7 -1.7
N49A	Columbus Grove	62.06	349	P	P	17 22 39.4 -0.1
N49A	Columbus Grove	62.06	349	P	P	17 22 37.7 -1.8
L58A	Harry Jones Me baz=175	62.10	356	P	P	17 22 40.1 +0.3
VN1A	Neumayer-Stat	62.10	160	P	P	17 22 41.5 +2.0
M51A	Elyria baz=168	62.11	350	P	P	17 22 40.3 +0.5
L57A	Andrews Acres baz=172	62.13	355	P	P	17 22 40.9 +0.9
AMTX	Amarillo	62.13	332	P	P	17 22 38.9 -1.3
AMTX				I	Amb	17 22 59.6
ALLY	comp=Z,37nm,1.9s	62.13	352	P	P	17 22 39.1 -0.9
N48A	Aleghey Colie Decatur baz=165	62.16	348	P	P	17 22 40.2 0.0
L59A	Walton baz=176	62.19	356	P	P	17 22 40.9 +0.5
L59A	Walton	62.19	356	P	P	17 22 40.7 +0.3
BINY	Binghamton	62.26	356	P	P	17 22 41.5 +0.7
B32A	Binghamton	62.26	356	P	P	17 22 40.4 -0.8
U32A	Winter Ranch, U32A	62.26	334	P	P	17 22 40.4 -0.6
U32A				I	Amb	17 22 42.0
L56A	comp=Z,11nm,0.7s	62.33	354	P	P	17 22 41.7 +0.3
L56A	Greenwood baz=173	62.33	354	P	P	17 22 42.2 +0.8
L56A	Greenwood	62.33	354	P	P	17 22 42.2 +0.8
L61B	Northampton baz=178	62.35	358	P	P	17 22 42.2 +0.8
L53A	Girard baz=170	62.45	352	P	P	17 22 42.9 +0.8
L55A	Hinsdale baz=172	62.46	354	P	P	17 22 43.0 +0.7
VN2A	Neumayer-Watz baz=303,slow=8.7	62.47	161	P	P	17 22 43.2 +1.2
M49A	Liberty Center baz=166	62.56	349	P	P	17 22 42.7 -0.1
K60A	Five Rivers En baz=177	62.56	357	P	P	17 22 43.2 +0.4
ERPA	Erie	62.57	352	P	P	17 22 43.3 +0.4
ERPA	Erie	62.57	352	P	P	17 22 42.0 -0.9
L54A	Sinclairville baz=171	62.61	353	P	P	17 22 43.5 +0.3
P40A	Paris	62.64	342	P	P	17 22 42.3 -1.2
P40A				I	Amb	17 22 44.5
TRY	Troy	62.66	358	P	P	17 22 42.4 -1.1
WVNY	West Valley, N	62.70	354	P	P	17 22 44.0 +0.2
K59A	Cooperstown baz=175	62.76	357	P	P	17 22 44.7 +0.4
K58A	Earlville baz=176	62.80	356	P	P	17 22 45.0 +0.5
K58A	Earlville	62.80	356	P	P	17 22 44.6 +0.2
K58A				I	Amb	17 22 45.9
K57A	comp=Z,18nm,0.9s	62.83	355	P	P	17 22 45.1 +0.5
K57A	Scipio Center baz=174	62.84	344	P	P	17 22 44.7 0.0
HDIL	Hopedale baz=161	62.84	344	P	P	17 22 43.9 -0.8
K54A	Hopedale	62.84	344	P	P	17 22 45.7 +0.6
K54A	Basillio Farm, baz=172	62.91	353	P	P	17 22 45.7 +0.6
K55A	Perry baz=172	62.96	354	P	P	17 22 45.8 +0.3
L48A	N Adams baz=166	63.09	349	P	P	17 22 46.5 +0.1
J63A	Strafford baz=180	63.16	360	P	P	17 22 48.1 +1.3
J60A	Lant Hill Farm baz=177	63.17	358	P	P	17 22 48.2 +1.3
319A	Douglas	63.18	323	P	P	17 22 47.5 +0.1
319A				I	Amb	17 22 50.3
P38A	Dawn	63.18	340	P	P	17 22 46.5 -0.5
P38A				I	Amb	17 22 47.4
121A	comp=Z,9.6nm,0.9s	63.24	325	P	P	17 22 49.0 +1.2
121A	Cookes Peak, D baz=141	63.24	325	P	P	17 22 48.2 +0.4
121A	Cookes Peak, D			I	Amb	17 22 50.3
J61A	comp=Z,11nm,1.1s	63.24	359	P	P	17 22 48.6 +1.3
J58A	Chester baz=178	63.37	356	P	P	17 22 49.2 +0.9
N41A	Remsen baz=175	63.39	343	P	P	17 22 47.0 -1.4
J59A	Harden Midland baz=176	63.43	357	P	P	17 22 49.1 +0.4
J57A	Williamstown baz=175	63.47	356	P	P	17 22 49.5 +0.7
I58A	Old Forge baz=176	63.68	357	P	P	17 22 50.8 +0.5
I59A	Cimsteadville baz=177	63.73	358	P	P	17 22 51.2 +0.6
J52A	Paris baz=170	63.74	352	P	P	17 22 50.6 0.0
I60A	Shoreham baz=177	63.76	358	P	P	17 22 51.9 +1.2
K48A	Perry baz=166	63.87	349	P	P	17 22 51.1 -0.5
SNA4	Sanae	64.09	161	P	P	17 22 53.8 +1.0
SNA4	Sanae	64.09	161	P	P	17 22 53.6 +0.9
SNA4				I	Amb	17 22 54.7
LBNH	comp=Z,15nm,1.2s	64.12	359	P	P	17 22 53.9 +0.7
N38A	Lisbon baz=179	64.16	341	P	P	17 22 52.0 -1.4
I51A	Joe's South For Listowel	64.37	352	P	P	17 22 54.9 +0.2

H58A	comp=Z,169	64.37	357	P	P	17 22 55.5 +0.8
H58A	Gabriels baz=176	64.40	355	P	P	17 22 55.7 +0.7
I55A	Frankford	64.40	359	P	P	17 22 56.4 +1.3
H61A	Lyndonville baz=179	64.42	358	P	P	17 22 57.0 +1.3
ANMO	Albuquerque baz=143	64.45	328	P	P	17 22 56.2 +0.9
H62A	Milan baz=180	64.45	360	P	P	17 22 55.8 +0.4
H57A	Richville baz=175	64.47	356	P	P	17 22 56.0 +0.2
I52A	Shelburne baz=170	64.52	353	P	P	17 22 57.1 +1.3
H64A	Troy baz=182	64.54	1	P	P	17 22 56.8 +0.9
H63A	New Sharon baz=181	64.54	1	P	P	17 22 57.2 +1.1
H59A	Cadyville baz=177	64.58	358	P	P	17 22 56.8 +0.5
LONY	Lake Ozonia baz=150	64.59	357	P	P	17 22 57.6 +0.9
CBKS	Cedar Bluff baz=176	64.66	335	P	P	17 22 57.9 +1.1
H56A	Elgin baz=174	64.66	356	P	P	17 22 57.9 +1.1
H55A	Iweed baz=173	64.69	355	P	P	17 22 59.0 +1.6
TUC	Tucson	64.72	323	P	P	17 22 56.9 -0.4
L40A	Anamosa	64.76	343	P	P	17 22 56.5 -0.7
FRNY	Flat Rock	64.76	358	P	P	17 22 58.5 +0.7
H53A	comp=Z,18nm,1.1s	64.84	354	P	P	17 22 58.5 +0.7
H53A	Bobcaygeon baz=172	64.98	339	P	P	17 22 57.7 -1.2
N35A	Tabor	64.98	339	P	P	17 22 59.9
N35A				I	Amb	17 22 59.9
G60A	comp=Z,17nm,0.8s	64.99	359	P	P	17 22 59.9 +1.1
G60A	Masonville baz=178	65.00	1	P	P	17 22 59.8 +1.0
H63A	Kingsbury baz=181	65.00	353	P	P	17 22 59.6 +0.4
G52A	Weyvale baz=171	65.09	357	P	P	17 23 00.2 +0.7
G57A	Newington baz=178	65.09	357	P	P	17 23 00.3 +0.9
G58A	Ormsdown baz=177	65.09	357	P	P	17 23 00.3 +0.9
SAD0	Sadova baz=157	65.09	353	P	P	17 23 00.2 +0.3
G62A	West of Eustis baz=180	65.09	0	P	P	17 23 00.8 +1.1
G62A	West of Eustis	65.09	0	P	P	17 23 00.3 +0.8
I48A	Sherman Twp baz=167	65.14	350	P	P	17 23 00.2 +0.3
PKME	Peaks-Kenny Ph G61A	65.16	1	P	P	17 23 01.0 +1.1
SCIA	St-Isidore-de- baz=179	65.17	342	P	P	17 23 00.1 +0.1
SCIA	State Center baz=157	65.17	342	P	P	17 23 01.5 -0.6
SCIA	State Center	65.17	342	P	P	17 23 01.8 +0.9
T25A	Trinidad baz=145	65.30	331	P	P	17 23 00.7 -0.1
JFWS	Jewell Farm	65.30	344	P	P	17 23 00.7 -0.1
JFWS	Jewell Farm	65.30	344	P	P	17 23 00.0 -0.8
G55A	Calabogie baz=174	65.35	355	P	P	17 23 01.5 +0.4
G53A	Hallburton baz=172	65.39	354	P	P	17 23 02.1 +0.7
N33A	J Bar K, Exete baz=180	65.49	338	P	P	17 23 01.2 -0.9
G54A	Lake Saint Pe baz=172	65.61	354	P	P	17 23 03.5 +0.7
214A	Organ Pipe Nat baz=137,SNR=5.6	65.63	321	P	P	17 23 04.8 +1.5
214A	Organ Pipe Nat	65.63	321	P	P	17 23 04.4 +1.1
214A				I	Amb	17 23 07.4
F60A	comp=Z,19nm,1.4s	65.85	359	P	P	17 23 04.8 +0.4
F60A	Warwick baz=179	65.89	346	P	P	17 23 03.9 -0.8
I42A	Draeger Farm, X18A	65.93	325	P	P	17 23 05.2 -0.1
I42A	Snowflake	65.93				

15d 18h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for various stations.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for various stations.

1144

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for various stations.

1145

Table with columns: MXZ, URZ, PLWZ, SNZO, BHW, KHZ, etc. Includes station names like Matakaoa Point, Urewera, Pulliser, South Karori, Baring Head, Kahutara, Oxford, Charters Tower, etc.

TAP 15 18:11:38.6,21:28N,121:39E, h168km, ML3.9,D, Taiwan region

Main table for station data under TAP 15 18:11:38.6,21:28N,121:39E, h168km, ML3.9,D, Taiwan region. Columns include Code, Station Name, Azimuth, Phase, ID, Time, Res.

2014 APR

Main table for station data under 2014 APR. Columns include CHN1, CHN11, WTP, WTP, etc. Includes station names like Nanshi, Nanashi, Ta-shu, etc.

15d 18h

Main table for station data under 15d 18h. Columns include PTTC, ZPLA, MATB, etc. Includes station names like Pingtan, Ao Xicun, Ma-tsu, etc.

15d 18h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JIH Iheya, JOW Kunigami, JOW Kunigami, etc.

NIED 15 18:36:00.36:20N:141.00E, h38km, Mw4.4 Best double couple: M3.97000:1015 NP1.0:354.00000: 873.00000: 1.78.00000: NP2.0:209.00000: 821.00000: 1.23.00000:

JMA 15 18:36:09.3:0.1, 36:18N:140:96E, h43km:2km, M4.4 JMA Felt III J1

NEIC 15 18:36:09.9:2.1, 36:18N:0:05:141:01E:0:08, h38km, 5km, b4.7/106, Error ellipse: s-maj=8.8km s-min=7.1km

IDC 15 18:36:10.0:0.4, 36:15N:140:93E, h36km:2km, mb4.0/27, mb1.4/32, mb1mx4.0/55, mbtmp4.2/32, ML3.9/4, MS3.3/12, Ms1.3/12, ms1mx3.1/48, Error ellipse: s-maj=11.2km s-min=9.1km az=109.0

ISC 15 18:36:10.0:0.3, 36:18N:0:03:140:96E:0:05, h36km:2km, n222, s124/247, mb4.6/82, MS3.3/8, 8C-2D, Near east coast of eastern Honshu

Main table of station data for the 15d 18h period, including station names, coordinates, and other parameters.

2014 APR

Main table of seismic event data for 2014 APR, including station names, magnitudes, and other parameters.

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Main table of station data for the 1146 period, including station names, coordinates, and other parameters.

Table with columns: YKA, Yellowknife Ar, 64.72, 30, P, 18 46 44.5 +0.3. Includes various station codes and coordinates.

IDC 15 18:59:38.9, 0.5, 20.06S: 70.71W, h0km, mb4.3/20.
mb1 4.5/22, mb1mx4.4/45, mbtmp4.4/22, ML4.4/2, MS4.3/20,
Ms1 4.3/20, ms1mx4.1/39, Error ellipse: s-maj=17.4km
s-min=11.6km az=58.0
GUC 15 18:59:39.6, 0.8, 20.17S: 70.99W, h39km, 1km, ML5.0,
MW5.1
VAO 15 18:59:40.4, 2.5, 19.97S: 70.75W, h12km, 16km, mb4.5
NEIC 15 18:59:40.2, 14S: 70.87W, h19km, Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mrr=1.27;
Mth=0.08; Mtt=1.36; Mnn=0.66; Mtr=0.15; Mtr=2.96; Fault
plane solution: M3.310000*10^16 NP1.3s, 22.27k, 720000*,
313.410000*, 1.122510000*. NP2.3s, 169.030000*, 878.720000*,
1.8270000*. Principal axes: T 3.3242, Plg56.00000*,
AzM70.00000*. N -0.0253, Plg7.00000*, AzM170.00000*,
-3.2989, Plg33.00000*, AzM265.00000*.
SJA 15 18:59:40.9, 1.0, 20.19S: 70.81W, h26km, 7km, ML4.9,
MW5.0
NEIC 15 18:59:40.4, 1.6, 20.18S: 0.03: 70.85W: 0.05, h15km, 3km,
mb5.0/113, Mwr4.9/50, Mw5.1, ML4.9(GUC), Error ellipse:
s-maj=7.5km s-min=4.4km az=91.0
NEIC 15 18:59:40.2, 18S: 70.95W, h26km, Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mrr=0.5;
Mth=0.19; Mtt=4.24; Mnn=1.07; Mtr=0.65; Mtr=3.85; Fault
plane solution: M5.840000*10^16 NP1.3s, 166.00000*,
ISC
367.00000*. Principal axes: T 5.5080, Plg74.00000*, AzM98.00000*,
N 0.0170, Plg5.00000*, AzM351.00000*, P -5.5250,
Plg15.00000*, AzM260.00000*. nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
ISC 15 18:59:40.9, 1.1, 20.13S: 0.02: 70.84W: 0.04, h20km, 4km,
n291, s1s42/289, mb4.9/66, MS4.5/17, 10C-7D, Near coast
of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station codes like TOA2, TA02, TA01, etc.

Main table of seismic events with columns: PBO2, IPOC Station P, 1.48, 143, i, P, 19 00 32.4. Includes station codes like PBO2, PBO1, PBO0, etc.

Table of seismic events with columns: DBBC, Dabeiba, 27.49, 348, eP, P, 19 05 27.8 +1.6. Includes station codes like ZARC, SDV, SDV, etc.

15d 22h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Chartz Tower, CTCTA, etc.

IDC 15 22:14:45.0,10.105x161.59E,h0km,mb3.6/5, mb1 3.7/5, mb1mx3.6/27, mbtmp3.5/5, MS2.7/1, Ms1 2.7/1, ms1mx2.4/25, Error ellipse: s-maj=217.1km s-min=40.6km, Az=118.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, Matushiro Arr, etc.

RSNC 15 21:58:42.0,2.0,7.28N,78.08W,h12km,8km,ML3.0 UPA 15 21:58:42.6,1.6,7.31N,78.13W,h14km,9km,MM4.1 ISC 15 21:58:41.4,1.4,7.29N,0.05:78.11W,0.03,h12km,11km, n30, c110/46, 4C-1D, Panama

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

ISK 15 22:10:19.6,37.16N,44.82E,h5km,ML2.7/6 DDA 15 22:10:21.3,37.40N,44.68E,h7km,2km,ML2.6 ISM 15 22:10:21.7,1.6,37.31N,44.37E,h0km,9km,ML2.7 TEH 15 22:10:23.8,3.47N,45.01E,h10km,ML2.7 ISC 15 22:10:21.4,1.2,37.39N,0.03:44.76E,0.02,h10km,11km, n27, c136/38, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Hakkari Yksek, Baskale VAN, Cukurca, etc.

2014 APR

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

IDC 15 22:14:19.6,0.6,30.89S,59.31E,h0km,mb4.1/15, mb1 4.2/16, mb1mx4.0/50, mbtmp4.1/16, ML3.9/1, MS3.6/14, Ms1 3.6/14, ms1mx3.4/33, Error ellipse: s-maj=21.7km s-min=17.3km, Az=63.0

NEIC 15 22:14:22.1,2.0,30.92S,0.08:59.4E,0.1,1.5km,3km, mb4.7/15, Error ellipse: s-maj=16.2km s-min=6.9km, Az=130.0

ISC 15 22:14:21.2,0.5,30.9S,0.1:59.3E,0.1,h10km,n62, c0814/44, mb4.3/19, MS3.6/14, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Riviere de l'E, Ambohimpnanom, etc.

ISC 15 22:14:21.2,0.5,30.9S,0.1:59.3E,0.1,h10km,n62, c0814/44, mb4.3/19, MS3.6/14, Southwest Indian Ridge

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

1154

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

IDC 15 22:21:33.2,2.6,2.27S,-140.97E,h0km,mb3.3/3, mb1 3.6/4, mb1mx3.4/31, mbtmp3.4/4, ML3.7/1, MS2.8/2, Ms1 2.8/2, ms1mx2.4/17, Error ellipse: s-maj=51.1km s-min=22.0km, Az=105.0, Near north coast of Iran Jaya

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

IDC 15 22:33:02.9,2.3,51.95N,172.90W,h0km,mb3.9/10, mb1 4.2/11, mb1mx3.7/48, mbtmp3.9/11, ML4.4/1, MS2.9/2, Ms1 2.9/2, ms1mx2.4/65, Error ellipse: s-maj=50.6km s-min=27.4km, Az=31.0

AEIC 15 22:33:09.2,0.2,51.9N,0.1:172.69W,0.0,h66km,6km, ML3.4/20, mb3.8/20(NIC), Error ellipse: s-maj=16.7km s-min=6.8km, Az=178.0

NEIC 15 22:33:10.5,1.8,51.9N,0.1:172.71W,0.0,h56km,8km, Error ellipse: s-maj=16.8km s-min=6.8km, Az=178.0

ISC 15 22:33:08.2,0.9,51.8N,0.1:172.66W,0.04,h32km,n68, c1941/61, mb3.2/10, Andronof Islands

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

214A	Organ Pipe Nat	65.58 321	P	P	03 24 56.4 +1.6
214A	Organ Pipe Nat	65.58 321	I Amb	I Amb	03 24 57.3
H46A	File Lake	65.72 349	P	P	03 24 54.0 -1.4
F61A	St Evariste	65.84 360	P	P	03 24 56.6 +0.5
X18A	Snowflake	65.89 325	I Amb	I Amb	03 24 59.2
KSC0	Kaye Shedlock	65.97 333	P	P	03 24 57.8 +0.6
KSC0	Kaye Shedlock	65.97 333	I Amb	I Amb	03 24 58.5
F52A	Sundridge	66.11 354	P	P	03 24 57.2 -0.6
SDCO	Great Sand Dun	66.19 331	P	P	03 24 59.8 +0.9
SDCO	Great Sand Dun	66.19 331	I Amb	I Amb	03 25 00.7
W18A	Petrified Fore	66.22 326	P	P	03 25 00.3 +1.3
E58A	La Victoria	66.27 358	P	P	03 24 59.2 +0.3
BGNE	Belgrade	66.29 338	P	P	03 24 59.1 0.0
F57A	Arnstein	66.30 353	P	P	03 24 58.5 -0.6
E51A	Chemin Saint G	66.34 358	P	P	03 24 59.4 +0.1
G46A	Potoskey	66.42 349	P	P	03 24 59.0 -0.8
E56A	St. Veronique	66.52 357	P	P	03 25 00.6 +0.2
E54A	Lac Daplat, Po	66.55 355	P	P	03 25 00.5 -0.1
X16A	Lo Mia Camp, P	66.61 324	I Amb	I Amb	03 25 04.8
113A	Mohawk Valley	66.73 321	I Amb	I Amb	03 25 04.4
S22A	4UR Ram, Crs	66.81 330	P	P	03 25 03.8 +0.9
E51A	G1948 Merrick	66.86 354	P	P	03 25 02.8 +0.2
D57A	Chemin Vers le	66.94 358	P	P	03 25 03.4 +0.3
D62A	Allapont, All	66.97 1 P	P	P	03 25 03.7 +0.4
D58A	Chemin du LacG	66.98 359	P	P	03 25 03.4 0.0
D56A	ZEC Mazanza, M	67.00 357	P	P	03 25 03.4 -0.1
D55A	Sainte-Anne-du	67.01 357	P	P	03 25 03.0 0.0
Y14A	Wickenburg	67.13 323	I Amb	I Amb	03 25 07.0
137A	Lemond, Waseca	67.14 343	I Amb	I Amb	03 25 04.7
MVCO	Mesa Verde	67.20 328	P	P	03 25 06.3 +1.0
MVCO	Mesa Verde	67.20 328	I Amb	I Amb	03 25 07.1
D53A	Lac Vaciue, Po	67.23 355	P	P	03 25 04.9 0.0
OGNE	Ogallala	67.35 335	P	P	03 25 06.1 +0.1
D51A	Lot 18 Range I	67.39 354	P	P	03 25 05.7 -0.2
WUAZ	Wupatki	67.40 325	P	P	03 25 08.2 +1.7
D50A	G1974 Best Tow	67.52 353	P	P	03 25 06.4 -0.4
GLA	Glamis	67.56 321	P	P	03 25 09.1 +1.8
GLA	Glamis	67.56 321	I Amb	I Amb	03 25 09.9
D46A	Sault St. Mari	67.81 350	P	P	03 25 08.1 -0.5
ECSD	EROS Data Cent	67.85 340	P	P	03 25 08.5 -0.4
ECSD	EROS Data Cent	67.85 340	I Amb	I Amb	03 25 17.4
E44A	Grand Marais A	67.86 349	P	P	03 25 09.2 +0.2
Y12C	Blythe	67.87 322	P	P	03 25 11.0 +1.7
Y12C	Blythe	67.87 322	I Amb	I Amb	03 25 11.9
ISVO	Idaho Springs	67.91 332	P	P	03 25 10.8 +1.0
IPV01	Paradox Valley	67.96 329	I Amb	I Amb	03 25 12.2
IKP	In-Ko-Pah, Jac	68.04 320	P	P	03 25 12.7 +2.2
PDMC1	Parker Dam, Lak	68.05 322	P	P	03 25 11.8 +1.5
SWSC	Sam W. Stewart	68.06 320	P	P	03 25 12.1 +1.6
SPMN	Marine on St.	68.09 343	P	P	03 25 09.6 -0.8
SPMN	Marine on St.	68.09 343	I Amb	I Amb	03 25 11.0
PV02	Paradox Valley	68.10 329	I Amb	I Amb	03 25 12.9
PV13	Radium Mtn., P	68.10 329	I Amb	I Amb	03 25 13.5
PV07	Paradox Valley	68.24 329	P	P	03 25 09.9 -1.9
PV11	David Mesa, Pa	68.24 329	I Amb	I Amb	03 25 34.3 -3.2
PV19	Morning Glory	68.30 328	I Amb	I Amb	03 25 15.3
BC3	Big Chuckwack	68.35 321	P	P	03 25 14.3 +1.8
PV14	Lion Creek, Pa	68.37 329	I Amb	I Amb	03 25 27.2
PV10	Paradox Valley	68.38 329	I Amb	I Amb	03 25 14.7
PV22	Blue Mesa, Par	68.38 329	I Amb	I Amb	03 25 25.1
MONP2	Monument Peak	68.40 320	P	P	03 25 14.8 +1.9
BAR	Barrett	68.41 319	P	P	03 25 10.5 -2.3
PV23	Carpenter Ridg	68.42 329	I Amb	I Amb	03 25 24.2
W13A	Hualapai Moun	68.47 323	I Amb	I Amb	03 25 16.0
IRM	Iron Mountain	68.53 322	P	P	03 25 15.3 +1.8
NEE2	Needles Airpor	68.65 322	P	P	03 25 15.7 +1.5
109C	Camp Elliot, M	68.81 319	P	P	03 25 16.9 +1.7
BE1C	Belle Mtn. Jos	68.92 321	P	P	03 25 17.9 +1.9
XPFO	Pion Flat	68.92 320	P	P	03 25 15.2 -0.9
PFO	Pinyon Flats 0	68.92 320	P	P	03 25 18.7
PFO	Pinyon Flats 1	68.92 320	P	P	03 25 18.1 +2.0
PFO	Pinyon Flats 0	68.92 320	P	P	03 25 18.0 +2.0
PFO	Pinyon Flats 1	68.92 320	P	P	03 25 14.8 -1.3
PFO	Pinyon Flats 0	68.92 320	I Amb	I Amb	03 25 18.7
N23A	Red Feather La	68.95 332	P	P	03 25 17.3 +1.0
GMRC	Granite Mounta	69.27 322	P	P	03 25 20.3 +2.1
MURC	Murrieta	69.36 320	P	P	03 25 20.6 +2.0
O20A	White River Ci	69.38 330	P	P	03 25 20.2 +1.3
F33A	5 Mile Ranch,	69.64 341	I Amb	I Amb	03 25 20.1
HEC	Hector, Ludlow	69.69 321	P	P	03 25 23.0 +2.2
SLC	San Clemente I	69.77 319	P	P	03 25 22.9 +1.8
L12	Lamto	69.81 75 eP	P	P	03 25 23.9 +2.1
TUQ	Turquoise Moun	69.88 322	P	P	03 25 24.0 +2.0
TIC	Toumod	69.98 75 eP	P	P	03 25 18.8 -4.1
QSPA	South Pole Qui	70.00 180	P	P	03 25 21.4 -0.9
QSPA	South Pole Qui	70.00 180	I Amb	I Amb	03 25 31.4
BFSC	Mount Baldy Ra	70.07 320	P	P	03 25 24.9 +1.7

KIC	Kosan Boka	70.12 75 eP	P	P	03 25 22.1 -1.7
DBIC	Dimbokro	70.14 75 P	P	P	03 25 22.4 -1.5
DBIC	Dimbokro	70.14 75 I Amb	I Amb	I Amb	03 25 06.9
DBIC	Dimbokro	70.14 75 I Amb	I Amb	I Amb	03 25 28.4
SHPR	Sheep Range	70.20 323	I Amb	I Amb	03 25 27.3
EYMN	Ely	70.29 345	P	P	03 25 23.5 -0.6
GSC	Goldstone, Bar	70.30 321	P	P	03 25 26.5 +2.0
GSC	Goldstone, Bar	70.30 321	I Amb	I Amb	03 25 27.2
MWC	Mosad Wilson	70.31 320	P	P	03 25 23.2 -1.4
PASC	Pasadena Art C	70.35 320	P	P	03 25 22.5 -2.2
SHOC	Shoshone, Teco	70.41 322	P	P	03 25 26.9 +1.8
K22A	Casper	70.63 333	P	P	03 25 27.2 +0.8
K22A	Casper	70.63 333	I Amb	I Amb	03 25 28.0
EDW2	Edwards Air Fo	70.72 320	P	P	03 25 28.5 +1.5
RSSD	Black Hills	70.83 335	P	P	03 25 28.5 +0.8
RSSD	Black Hills	70.83 335	I Amb	I Amb	03 25 26.6 -1.1
LRMC	Laurel Mtn Rd	70.94 321	P	P	03 25 30.1 +1.6
TPNV	Topopah Spring	71.13 323	P	P	03 25 31.9 +2.3
FURC	Furnace Creek,	71.15 322	P	P	03 25 31.6 +2.2
MPMC	Manual Prospec	71.22 322	P	P	03 25 31.7 +1.5
ARVC	Arvin	71.38 320	P	P	03 25 32.9 +1.9
ISA	Isabella, Lake	71.53 321	P	P	03 25 34.1 +2.1
ISA	Isabella, Lake	71.53 321	I Amb	I Amb	03 25 35.3
DUG	Dugway, Totele	71.65 327	P	P	03 25 34.5 +1.9
E28A	Huff	71.70 339	I Amb	I Amb	03 25 33.9
AGMM	Agassiz Nation	71.75 343	P	P	03 25 32.3 -0.6
R11A	Troy Canyon, C	71.76 324	P	P	03 25 35.3 +2.1
R11A	Troy Canyon, C	71.76 324	I Amb	I Amb	03 25 36.3
GRAC	Grapevine Rang	71.80 322	P	P	03 25 35.5 +2.0
PKM	Mchpherson Peak	71.82 319	P	P	03 25 35.8 +1.9
CWC	Cottonwood Cree	71.83 321	P	P	03 25 36.0 +2.2
YES	Vestal, Richgr	72.02 320	P	P	03 25 36.7 +2.0
BW06	Boulder Array	72.06 331	P	P	03 25 35.9 +0.7
PDAR	Pinedale Array	72.06 331	P	P	03 25 35.6 +0.5
PDAR	Pinedale Array	72.06 331	I Amb	I Amb	03 25 34.5 -1.1
PDAR	Pinedale Array	72.06 331	I Amb	I Amb	03 25 39.5
SMMC	Simlar	72.22 320	P	P	03 25 38.4 +2.4
TIN	Tinemaha, Big	72.34 322	P	P	03 25 38.9 +2.1
MDND	Maddock	72.46 340	P	P	03 25 37.6 +0.4
PAGB	Antelope Grade	72.65 320	I Amb	I Amb	03 25 41.2
AHID	Auburn Hatcher	72.77 330	I Amb	I Amb	03 25 41.5
MLAC	Mammoth, Mammo	72.77 330	I Amb	I Amb	03 25 43.4 +2.0
REDW	Red Top Meadow	73.12 331	I Amb	I Amb	03 25 58.5
SNOW	Snow King Moun	73.15 331	I Amb	I Amb	03 25 44.1
MDPB	Devils Postpil	73.23 322	I Amb	I Amb	03 25 45.3
NV11	Mina Array Sit	73.25 323	I Amb	I Amb	03 25 45.3
TPAW	Teton Pass	73.27 331	I Amb	I Amb	03 25 45.6
ELK	Elko	73.31 326	P	P	03 25 44.0 +1.3
ELK	Elko	73.31 326	I Amb	I Amb	03 25 45.2
NVAR	Mina Array Bea	73.33 323	P	P	03 25 44.5 +1.7
NVAR	Mina Array Bea	73.33 323	I Amb	I Amb	03 25 41.9 -0.9
ULM	Lac du Bonnet	73.53 344	P	P	03 25 42.6 -0.8
ULM	Indian Meadow	73.58 331	I Amb	I Amb	04 00 27.8
RYN	Ryan	73.59 323	I Amb	I Amb	03 25 47.3
KVN	Kaiserville	73.65 323	I Amb	I Amb	03 25 47.3
RLMT	Red Lodge	73.80 333	P	P	03 25 46.6 +1.2
RLMT	Red Lodge	73.80 333	I Amb	I Amb	03 25 47.2
H17A	Grant Village	73.80 332	P	P	03 25 47.6 +2.1
LAO	LASA Array	73.82 335	P	P	03 25 46.2 +0.9
LAO	LASA Array	73.82 335	I Amb	I Amb	03 25 46.8
LKWY	Lake	73.85 332	I Amb	I Amb	03 25 48.8
WAKR	Walker	74.03 322	I Amb	I Amb	03 25 49.9
YERR	Yerrington	74.25 323	I Amb	I Amb	03 25 50.8
DGMT	Dagmar	74.55 338	P	P	03 25 50.5 +1.1
DGMT	Dagmar	74.55 338	I Amb	I Amb	03 25 51.1
VCNR	Virginia City	74.69 323	I Amb	I Amb	03 25 54.7
SCHO	Schefferville	74.79 2 P	P	P	03 25 50.2 -0.4
SCHO	Schefferville	74.79 2 P	I Amb	I Amb	04 00 37.6
SCHO	Schefferville	74.79 2 P	I Amb	I Amb	03 25 48.7 -2.0
AFDM	Forest Hills D	75.22 322	I Amb	I Amb	03 25 56.2
DLMT	Dillon	75.46 331	I Amb	I Amb	03 25 57.1
BEKR	Beckworth	75.48 323	I Amb	I Amb	03 25 58.3
EGMT	Eagleton	76.31 334	P	P	03 26 00.3 +0.6
EGMT	Eagleton	76.31 334	I Amb	I Amb	03 26 01.6
O03E	Paynes Creek	76.59 322	P	P	03 26 01.9 +0.5
MOD	Modoc Plateau	76.83 324	I Amb	I Amb	03 26 05.7
O02D	Mt. Diablo Mer	77.08 322	P	P	03 26 05.1 +0.9
M0SD	Missoula	77.18 331	P	P	03 26 06.1 +1.4
BMO	Blue Mountains	77.32 328	I Amb	I Amb	03 26 07.9
N02D	Nativity Center	77.55 322	P	P	03 26 07.3 +0.5
M04C	Macdoel	77.60 324	P	P	03 26 08.4 +1.2
VNDA	Vanda	77.82 190	P	P	03 26 11.2 +3.5
VNDA	Vanda	77.82 190	I Amb	I Amb	03 25 22.8
VNDA	Vanda	77.82 190	P	P	03 26 06.2 -1.5
I07A	Izee	77.90 326	I Amb	I Amb	03 26 11.7

M02C	Callahan	77.91 323	P	P	03 26 09.8 +1.0
JTMT	Jette	78.03 332	I Amb	I Amb	03 26 12.1
YBH	Yreka Blue Hor	78.05 323	P	P	03 26 09.8 +0.1
K04D	Chiloquin, OR	78.11 324	P	P	03 26 11.3 +1.3
L04D	Klamath Falls	78.14 324	P	P	03 26 11.0 +0.8
J05D	Fort Rock, OR	78.27 325	P	P	03 26 12.5 +1.6
SYO	Syowa Base	78.37 160f eP	P	P	03 26 08.4 -2.5
SYO	Syowa Base	78.37 160f pP	P	P	03 26 12.6 +1.7
SYO	Syowa Base	78.37 160f eP	P	P	03 26 15.0 +4.1
PINE	Pine Mountain	78.45 325	I Amb	I Amb	03 26 15.1
J04D	Umpqua Nationa	78.71 324	P	P	03 26 14.5 +1.1
L02E	Cave Junction	78.83 323	P	P	03 26 15.4 +1.5
WALA	Waterton Lakes	78.85 333	I Amb	I Amb	03 26 16.2
I05D	Terrebonne, OR	79.03 326	P	P	03 26 16.7 +1.7
KFC	Film Flon	79.21 342	P	P	03 26 15.0 -0.6
F02D	Willamette Mer	79.27 323	P	P	03 26 17.4 +1.4
I04A	Tendick Farm,	79.25 325	P	P	03 26 17.3 +1.2
HAWA	Hamford	79.52 328	I Amb	I Amb	03 26 19.7
G05D	Wamic, OR	79.63 326	P	P	03 26 20.0 +1.8
J01E	Myrtle Point	79.67 324	P	P	03 26 19.9 +1.6
I03D	Drain, OR	79.69 324	P	P	03 26 19.9 +1.5

16d 3h

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like NJ2, KDKA, MDJ, NVAR, etc.

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Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like PHRA, BMAR, LAMP, etc.

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Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like DPC, BRG, LANS, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ABTA Abfaltersbach, YER Yerkesik, DAVA Danjels, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SOEI Soe, TTSI Tana Toraja, TRJI Tresi, etc.

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

IDC 16 03:39:08.2, 7.3, 5.71S, 153.75E, h49km, 48km, mb3.7/3, mb1.4/0.4, mb1mx3.4/52, mbtmp3.9/4, ML3.7/1, MS3.4/2, Ms1.3.4/2, ms1mx2.8/38, Error ellipse: s-maj=80.86km s-min=33.8km az=74.0

NEIC 16 03:39:12.3, 1.8, 5.75S, 0.2, 153.8E, 0.2, h102km, 16km, mb4.2/8, Error ellipse: s-maj=42.7km s-min=7.5km az=213.0

ISC 16 03:39:12.3, 1.4, 5.75S, 0.2, 153.7E, 0.2, h100km, n17, e180/16, mb4.0/5, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Keravat, JAY Jayapura, etc.

NEIC 16 04:11:12.1, 1.8, 9.34S, 0.08, 118.54E, 0.06, h99km, 6km, mb4.4/18, Error ellipse: s-maj=11.6km s-min=7.8km az=185.0

IDC 16 04:11:14.2, 3.2, 9.24S, 118.51E, h95km, 28km, mb4.1/13, mb1.4/1.6, mb1mx3.9/37, mbtmp4.4/16, MS3.0/1, Ms1.3.0/1, ms1mx2.5/40, Error ellipse: s-maj=28.7km s-min=16.7km az=77.0

DJA 16 04:11:14.4, 0.2, 9.3S, 111.9E, h44km, 9km, MA, 7.1/7, mb4.9/6, mb4.9/6, MLV4.9/12, MW(mb)4.2/6

ISC 16 04:11:13.6, 0.5, 9.31S, 0.05, 118.61E, 0.04, h100km, n89, e184/103, mb4.4/21, Sumbawa region

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

ISC 16 03:39:12.3, 1.8, 5.75S, 0.2, 153.8E, 0.2, h102km, 16km, mb4.2/8, Error ellipse: s-maj=42.7km s-min=7.5km az=213.0

ISC 16 03:39:12.3, 1.4, 5.75S, 0.2, 153.7E, 0.2, h100km, n17, e180/16, mb4.0/5, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PKIN Pulchok, DMN Daman, KKN Kakani, etc.

ISC 16 04:12:27.5, 12.53N, 87.80W, h59km, ML3.8

UCR 16 04:12:28.1, 1.0, 12.56N, 87.86W, h54km, 13km, ML3.7

SNET 16 04:12:28.1, 0.9, 12.55N, 87.87W, h51km, 14km, ML3.7

ISC 16 04:12:26.9, 3.6, 12.5N, 0.2, 87.82W, h51km, 44km, n34, e938/59, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ABKAR Akbulak, KBZ Khabab, BRTR Keskin Array, etc.

IDC 16 04:16:54.0, 999.0, 16.433S, 71.67W, h0km, Error ellipse: s-maj=535.4km s-min=69.4km az=88.0, Southern Peru

Code Station Name Az Phase ID Time Res ISC. Includes stations like 108BO LAS PENAS INFR, 141PY VILLA FLORIDA, etc.

ATH 16 04:27:09.2, 34.30N, 25.86E, h34km, 6km, ML2.7/3, Error ellipse: s-maj=13.1km s-min=2.9km az=347.0

DDA 16 04:27:43.7, 36.38N, 28.02E, h7km, 2km, ML2.3

ISC 16 04:27:08.9, 2.0, 34.2N, 0.1, 26.0E, 0.05, h35km, n25, e172/23, Crete

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like FRMA Ierapetra, ZKR Zakros, LAST Lasithi, etc.

Duration: 0 Moment tensor: Scale 10^16Nm; M1:2.98±.17; M2:2.1±.11; M3:0.86±.11; M4:1.4±.15; M5:0.85±.07; M6:1.27±.17; Best double couple; M3,3,4300x10^16; NP1=291.00000°, S28.00000°, A78.00000°, N2: 0±125.00000°, S62.00000°, A96.00000°. Principal axes: T 3.5890, Plg72.0000°, Azm49.0000°; N -0.4830, Plg6.0000°, Azm302.0000°; P -3.0790, Plg17.0000°, Azm210.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular

moment-rate function NEIC 16 10:24:44.6±.1.1, 11°10'S:0°03'161°63'E:0'09, h33km, 4km, mb4.7/54 Error ellipse: s-maj=12.2km s-min=4.9km az=91.0

ISC 16 10:24:44.0±.0.4, 11°11'S:0°06'161°65'E:0'07, h28km, n115, 0°59'01.11, mb4.7/44, MS3.7/13, 1C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists stations like Honiara, Mont Dzumac, Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists stations like Gaotai, Songoing Array, Shilling, etc.

ISC 16 10:26:27.6±.1.0, 11°05'S:161°63'E:h0km, mb4.1/11, mb1 4.3/13, mb1mx4.1/34, mbtmp4.1/13, ML4.1/1, MS3.9/3, Ms1=23.6km az=124.0

NEIC 16 10:26:30.5±.1.0, 11°24'S:0°08'161°35'E:0'09, h22km, 6km, mb4.6/29 Error ellipse: s-maj=13.3km s-min=11.2km az=73.0

ISC 16 10:26:31.2±.0.6, 11°22'S:0°06'161°36'E:0'08, h28km, n57, 0°12'05.4, mb4.5/23, MS4.0/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists stations like Honiara, Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists stations like KRSR, KSAR, USRK, etc.

AEIC 16 10:34:19.5±.1.1, 53°81'N:0°07'163°52'W:0'05, h15km, 7km, ML2.6/21, Error ellipse: s-maj=10.1km s-min=3.9km az=165.0, Unimak Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists stations like Westdahl Peak, Shishaldin Wes, etc.

ATH 16 10:55:53.8, 34°73'N:24°84'E, h22km, 7km, ML2.4/6, Error ellipse: s-maj=8.7km s-min=1.5km az=12.0

THE 16 10:55:54.5, 34°74'N:24°88'E, h16km, 2km, ML2.5/6, Error ellipse: s-maj=2.6km s-min=1.2km az=25.0

ISC 16 10:55:55.1±.1.6, 34°83'N:0°09'24°89'E:0'03, h26km, 7km, n15, 0°58'26, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists stations like Sivas, Warramunga Arr, etc.

ISC 16 11:08:25.0±.1.3, 11°57'S:162°83'E:h0km, mb4.0/5,

Table with columns: ICAO, IATA, Name, Frequency, Mode, Class, Power, and other technical details for stations 1173-1173.

Table with columns: ICAO, IATA, Name, Frequency, Mode, Class, Power, and other technical details for stations 1174-1174.

Table with columns: ICAO, IATA, Name, Frequency, Mode, Class, Power, and other technical details for stations 1175-1175.

DC 16 11:58:08.0, 3.1, 49.19N; 128.36W, h0km, mb3.4/1, mb1.3/5, mb1mx3.4/59, mbtmp3.4/5, ML3.5/4, MS2.9/3, MS1.2/9.3, ms1mx2.5/26, Error ellipse: s-maj=62.5km s-min=12.7km az=70.

PG 16 11:58:09.0, 0.3, 49.12N; 127.96W, h10km, ML52.8/32, MW3.4/32, 148km Wsw of Gold R., Bc Vancouver Island, Canada Region

ISC 16 11:58:09.1, 4, 49.17N; 104.427, 90W, 0.05, h16km, gkm, n56, #15878, Vancouver Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC, and other technical details for stations 1175-1175.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like UBRB Upper Baezaeko, BNBAB Bonilla, MOCB Moresby Island, etc.

SOME 16 12:05:15.4, 44.60N, 82.22E, h20km
NMC 16 12:05:16.6, 1.6, 44.70N, 82.02E, h0km, mb3.1, mpv2.9
Error ellipse: s-maj=18.1km s-min=7.3km az=127.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like DJR JarKent, DJR 4.1nm,0.1s, MK31 Makanchi Array, etc.

16 12:13:15.6, 0.8, 11.39S, 162.43E, h0km, mb4.2/15
mb1 4.3/18, mb1mx4.1/42, mbtmp4.2/18, MS3.3/10,
Ms1 3.4/10, ms1mx2.2/23, Error ellipse: s-maj=22.1km

NEIC 16 12:13:17.4, 4.1, 39.11S, 0.1, 162.44E, 0.09, h29km, 6km,
mb4.5/24, Error ellipse: s-maj=18.6km s-min=6.5km
az=220.0

ISC 16 12:13:20.8, 0.5, 11.44S, 0.07, 162.42E, 0.08, h39km, n61,
0.095/56, mb4.4/26, MS3.3/9, Bougainville-Solomon
Islands region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR 48nm,0.3s, bsz=233, slow=14, SNR=4.1, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like ULN Ulanbaatar, ULN 76.73 325 P, etc.

NIED 16 12:16:00.39, 1.0N, 142.40E, h41km, Mw4.0 Best double
couple: M1.04000, 1015 NP1, 0.21, 0.00000, 0.870, 0.00000,
7.64, 0.00000. NP2, 0.86, 0.00000, 0.832, 0.00000, 1.140, 0.00000.
JMA 16 12:16:19.6, 39.07N, 142.41E, h42km, 1km, M4.2
JMA Fell II J1.

16 12:16:20.9, 2.1, 39.01N, 142.36E, h54km, 20km, mb3.7/14,
mb1 3.9/19, mb1mx3.7/48, mbtmp4.0/19, M3.4/5, MS3.0/1,
Ms1 3.0/1, ms1mx2.4/38, Error ellipse: s-maj=19.9km
s-min=11.0km az=111.0

NEIC 16 12:16:22.5, 1.4, 39.12N, 0.06, 142.35E, 0.09, h65km, 8km,
mb4.4/18, Error ellipse: s-maj=10.8km s-min=8.0km
az=119.0

ISC 16 12:16:20.3, 1.3, 39.06N, 0.04, 142.41E, 0.08, h43km, 12km,
n81, 0.135/88, mb4.2/24, Near east coast of eastern
Honshu

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like OFUJ Ofunato, OFUJ 0.57 272 Op, etc.

16 12:29:52.0, 2.1, 11.35S, 162.60E, h0km, mb3.5/4,
mb1 3.6/6, mb1mx3.5/25, mbtmp3.6/6, M3.5/2, MS2.5/1,
Ms1 2.6/1, ms1mx2.2/23, Error ellipse: s-maj=46.5km
s-min=29.4km az=67.0

ISC 16 12:29:57.1, 1.5, 11.44S, 0.2, 162.62E, 0.2, h39km, n12,
0.126/77, mb3.4/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR 7.6nm, 0.3s, bsz=212, slow=3.0, SNR=1.2, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV 41.16 311 P, etc.

16 12:29:57.1, 1.5, 11.44S, 0.2, 162.62E, 0.2, h39km, n12,
0.126/77, mb3.4/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR 7.6nm, 0.3s, bsz=212, slow=3.0, SNR=1.2, etc.

16 12:55:47.4, 39.30N, 155.73E, h5km
NMC 16 12:55:49.2, 2.1, 39.35N, 75.27E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=15.4km s-min=10.7km az=152.0

KRNET 16 12:55:56.0, 1.0, 39.35N, 75.28E, mb3.0
ISC 16 12:56:01.4, 3.3, 39.4N, 0.3, 75.24E, 0.07, h19km, n14km,
n24, 0.191/39, 14C-17D, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR 7.6nm, 0.3s, bsz=212, slow=3.0, SNR=1.2, etc.

16 12:55:47.4, 39.30N, 155.73E, h5km
NMC 16 12:55:49.2, 2.1, 39.35N, 75.27E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=15.4km s-min=10.7km az=152.0

KRNET 16 12:55:56.0, 1.0, 39.35N, 75.28E, mb3.0
ISC 16 12:56:01.4, 3.3, 39.4N, 0.3, 75.24E, 0.07, h19km, n14km,
n24, 0.191/39, 14C-17D, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like NRN Naryn, NRN 2.08 161 P, etc.

16d 13h

Table with columns: Station ID, 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.

2014 APR

Table with columns: Station ID, 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.

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Table with columns: Station ID, 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, Frequency, Power, and other technical details. Includes stations like SERG, MHLA, LAKA, LAHA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LK2D, MEV, KPRO, HORT, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NACB, ENCB, ENT, etc.

IDC 16:15:25.23.4:999.0,16:42S:71.88W, h0km, Error ellipse: s-maj=560.2km s-min=73.3km az=88.0, Southern Peru

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like I08B0, I41P9, I09B9.

NIED 16:15:34:00,24:40N,121:90E, h20km, Mw3.8 Best double couple: M=5.87000x10^14 NP1:0.293,00000, 0.88,00000, 1.23,00000, NP2:0.202,00000, 0.67,00000, 1.78,00000

JMA 16:15:34:26.5,24:38N,121:93E, h25km, Mw3.9 ASIJS 16:15:34:26.8,24:43N,121:87E, h17km, Mw3.4

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ENA, E0S1, TWC.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ENA, E0S1, TWC, ILA, TWE.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like YM01, YM05, YM04, etc.

16d 17h

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PHULCHOKI, DAMAN, KAKANI, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PPT2, BR11, BRTR, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like VLKR, EPOS, AKH, etc.

IDC 16:17:40.13.8:999.0, 16:38S:71.09W, h0km, Error ellipse: s-maj=527.2km s-min=56.8km az=88.0

GUC 16:17:38:28.8-0.7, 19.89S:70.95W, h40km, ML3.9, 12C-2D, Near coast of northern Chile

DDA 16:17:46:52.6, 42:62N:43:28E, h7km, 1km, ML2.8

TIF 16:17:46:53.3, 42:60N:43:38E, h15km

NORS 16:17:46:53.7, 42:60N:43:38E, h6km, ML3.1/6

MOS 16:17:46:54.7, 1.4, 42:57N:43:35E, h12km, mb4.0/1, Error ellipse: s-maj=5.5km s-min=4.2km az=88.1

ISC 16:17:46:54.3-0.8, 42:57N:01:43:35E, 0.01, h7km, 5km, n91, e1503/160, 6C-2D, Western Caucasus

NIED 16:17:49:00, 37:10N:143:30E, h8km, Mw4.1 Best double couple: M=1.84000x10^15 NP1:31.00000, 852.00000, lambda=79.00000, NP2:194.00000, 840.00000, lambda=104.00000

JMA 16:17:49:30.8:0.2, 37:10N:143:31E, h52km, M4.3

NEIC 16:17:49:32.1:1.7, 37:11N:143:35E, 0.1, h32km, 6km, mb4.6/34, Error ellipse: s-maj=17.1km s-min=12.4km az=129.0

IDC 16:17:49:34.0:0.6, 37:04N:143:27E, h43km, 5km, mb4.0/23, mb4.1/22, mb1mx4.0/49, mbtmp4.2/27, ML3.3/4, M53.1/3, Ms1 3.1/3, ms1mx2.6/52, Error ellipse: s-maj=12.7km s-min=10.0km az=154.0

MOS 16:17:49:34.1:1.1, 37:54N:143:43E, h39km, mb4.8/19, Error

ellipse: s-maj=10.3km s-min=5.1km az=101.1
ISC 167:49:30.9,0.7,37.15N,0.05:143.41E,0.05,h20km,3km,
n191,r171/215,mb4.6/2,13C-1D, Off east coast of

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

Table with columns: YAK, Yakutsk, 26.34 345, P, P, 17 55 05.3 +0.1. Lists seismic events with station codes and magnitudes.

Table with columns: PKIN, Phulchoki, 49.26 276, eP, P, 17 58 18.4 -0.3. Lists seismic events with station codes and magnitudes.

Principal axes: T 2.5990, Plg1.0000, Azm210.0000; N 0.1660, Plg15.0000, Azm120.0000; P -2.7710, Plg75.0000, Azm302.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 16 18:17:24.3:1.2,37.27N,0.07:142.0E:0.1, h44km,5km, mb4.9/237 Error ellipse: s-maj=13.9km s-min=8.5km

BGR 16 18:17:28.7:0.0,38.10N,143.14E, h33km, mb5.2, Ms4.4 ISC 16 18:17:22.0:0.4,37.31N,142.09E:0.0, h33km, mb5.2, Ms4.4

41C-20D, Off east coast of Honshu

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

Main table of seismic event data with columns: Station, Time, Residual, ISC, h, m, s, ISC. Lists multiple stations (MYSR, JNU, JCJ, etc.) and their recorded data for the event.

Table of seismic event data for stations 16d and 18h, with columns: Station, Time, Residual, ISC, h, m, s, ISC. Lists stations like BJT, BJT, BJT, etc.

16d 18h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TLY Talaya, GYA Gaotai, MOY Monday, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LSA Lhasa, AAI Ambo, CHBT Chibit, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KDJ Kajisay, GLI Glacier Island, DANN Dangsing, etc.

16d 18h

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PV09, BSEB, OKC, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like WERN, NKCC, MOX, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ECH, FUORN, E44A, etc.

GCG 16 18:23:04.0.0.5, 13.82N-90.79W, h33km, 4km, MD3.1
 ISC 16 18:22:29.8.1.4, 15.4N, 01.91.9W, 0.1, h200km, n9,
 e271/9, 1C, Mexico-Guatemala border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
STG3	Santiago3	0.74	148	eP	Sn	18 23 25.3 +4.9
CCIG	Comitán	0.91	353	eP	Pn	18 23 20.1 +0.9
CGIC		1.37	119	eS	Sn	18 23 21.5 -0.7
PCIG		1.34	283	eP	Pn	18 23 02.6 +0.5
PCIG		1.50	241	eS	Pn	18 23 26.9 -0.3
FCG	Fuego 3	1.37	134	eS	Sn	18 23 28.1 0.0
PUG	Pacaya	1.59	129	eS	Sn	18 23 27.3 -4.1
NIG	Las Nubes	1.67	119	eP	Pn	18 23 21.7 +1.6
IXG	Ixapa	1.84	132	eP	Pn	18 23 15.8 +8.8
CMIG	Matiás Romero	3.35	300	eP	Pn	18 23 23.6 -0.1
HUIG	Huatulco	4.11	276	eP	Pn	18 23 31.9 -1.1

ISC 16 19:00:40.4.1.4, 7.22S, 155.04E, h0km, mb3.8/7,
 mb1.4/0.9, mb1mx3.8/35, mbtmp3.8/9, ML1.41, MS3.4/3,
 Ms1.3/4.3, ms1mx2.8/33, Error ellipse: s-maj=43.5km
 s-min=23.0km az=131.0

ISC 16 19:00:47.1.1.2, 7.15S, 154.82E, 0.2, h41km, n13,
 e1547/11, mb3.8/7, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
KRVT	Keravat (AS076)	3.90	314	Pn	LR	19 01 43.2 -1.3
HNR	Honiara	5.60	115	LR	LR	19 04 24.5
PMG	Port Moresby	7.94	252	Pn	Pn	19 02 40.9 +0.8
CTA	Charters Tower	15.40	212	Pn	Pn	19 04 23.8 -1.9
WAR	Warramunga Arr	23.64	235	P	P	19 05 54.1 -0.8
ASR	Alice Springs	26.01	228	P	P	19 06 15.8 -0.8
FITZ	Fitzroy Crossi	30.47	246	P	P	19 06 56.5 +0.1
FITZ		4.2m, 0.3s, baz=64, slow=13, SNR=1.4			LR	19 19 50.4
RPZ	Rata Peaks	39.20	161	LR	LR	19 24 23.6
CMAR	Chiang Mai Arr	60.65	296	P	P	19 10 56.9 +2.3
MKAR	Makanchi Array	83.33	319	P	P	19 13 09.8 -0.1
ILAR	Eielsen Array	83.49	22	P	P	19 13 19.9 +1.6
YKA	Yellowknife Arr	85.47	21	P	P	19 14 11.3 -0.6
TORD	Tordi Arr. Bea	152.87	285	PKPbc	PKPbc	19 20 39.6 -1.4

NEIC 16 19:21:44.9.1.0, 16.61S, 01.73.8W, 0.1, h98km, 29km,
 mb4.3/1, Error ellipse: s-maj=19.3km s-min=12.9km
 az=217.0

ISC 16 19:21:47.5.2.2, 16.42S, 73.53W, h2km, 19km, mb3.7/9,
 mb1.4/0.13, mb1mx3.8/34, mbtmp4.1/13, MS2.8/2,
 Ms1.2/8.2, ms1mx2.5/38, Error ellipse: s-maj=25.7km
 s-min=17.3km az=42.0

VAO 16 19:21:49.0.2.4, 16.70S, 73.65W, h146km, 13km, mb4.0,
 ISC 16 19:21:46.8.0.7, 16.65S, 0.07x73.66W, 0.07, h100km, n58,
 e184/62, mb3.9/8, 3C-3D, Near coast of Peru

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
AP01	Chacalluta	3.60	119	IAML	Pn	19 23 22.8
PB12	IPOC Station P	3.73	122	eP	Pn	19 22 41.5 -1.0
PB12		4.30	114	eS	Pn	19 23 22.8 -2.7
PB12		4.30	114	IAML	Pn	19 23 25.1
PB12	IPOC Station P	3.73	122	eP	Pn	19 22 41.3 -1.1
PB16	IPOC Station P	4.30	114	eS	Pn	19 22 50.2 -0.4
PB16		4.30	114	eS	Pn	19 23 38.2 -1.8
PB16	IPOC Station P	4.30	114	eS	Pn	19 22 50.4 -0.1
PSGC	Pisagua	4.46	132	eP	Pn	19 22 51.7 -0.6
PSGC		4.46	132	eS	Pn	19 23 03.3 -2.9
PSGC	Pisagua	4.46	132	eP	Pn	19 22 51.3 -1.0
MNMC	Minye Minye	4.59	123	iP	Pn	19 22 54.1 -0.1
MNMC		4.59	123	eS	Pn	19 23 14.1 -2.5
MNMC	Minye Minye	4.59	123	eP	Pn	19 22 53.6 -0.6
PB11	IPOC Station P	4.90	130	eP	Pn	19 22 58.0 -0.3
PB11		4.90	130	eS	Pn	19 23 15.3 -2.6
PB11	IPOC Station P	4.90	130	eP	Pn	19 22 57.6 -0.7
TA01	Diego Aracena	5.10	140	eP	Pn	19 23 06.5 -0.4
TA01		5.10	140	eS	Pn	19 23 54.1 -2.5
GO01	Chuzmisza	5.20	126	iP	Pn	19 23 03.3 +0.6
GO01		5.20	126	eS	Pn	19 24 00.4 -1.3
GO01	Chuzmisza	5.20	126	eP	Pn	19 23 02.6 0.0
LPAZ	La Paz	5.31	87	Pn	Pn	19 23 05.1 +0.8
LPAZ	La Paz	5.31	87	Pn	Pn	19 23 06.2 +1.8
LPAZ	La Paz	5.31	87	eP	Pn	19 23 06.3 +2.0
PATCX	Punta Patache	5.32	142	eP	Pn	19 23 03.3 -0.6
PATCX		5.32	142	eS	Pn	19 23 58.8 -5.1
PATCX		5.32	142	IAML	Pn	19 24 05.4
PATCX	Punta Patache	5.32	142	Pn	Pn	19 23 03.4 -0.6
PB08	IPOC Station P	5.51	130	eP	Pn	19 23 06.8 0.0
PB08		5.51	130	eS	Pn	19 24 07.1 -1.9
PB08		5.51	130	IAML	Pn	19 24 11.0
PB08	IPOC Station P	5.51	130	Pn	Pn	19 23 07.1 +0.3
NNA	Nana	5.57	326	Pn	Pn	19 23 06.9 -0.4
NNA		5.57	326	Pn	Pn	19 24 04.8 -5.3
NNA		5.57	326	LR	LR	19 25 35.0
NNA	Nana	5.57	326	Pn	Pn	19 23 04.4 -2.9
PB07	IPOC Station P	5.89	139	Pn	Pn	19 23 15.1 -0.2
PB04	IPOC Station P	6.55	150	Pn	Pn	19 23 19.7 -1.0
PB04	IPOC Station P	6.60	142	Pn	Pn	19 23 22.0 +0.6
PB06	IPOC Station P	7.15	148	Pn	Pn	19 23 28.2 -0.6
PB10	IPOC Station P	7.43	157	Pn	Pn	19 23 31.5 -1.0
Limón Verde		7.43	157	Pn	Pn	19 23 34.2 +1.3
LVC		7.43	157	S	S	19 24 55.2 -0.5
LVC		7.43	157	LR	LR	19 26 27.2
LVC		7.43	157	LR	LR	19 23 34.2 +1.3
LVC		7.43	157	Pn	Pn	19 23 34.8 -0.6
PB14	IPOC Station P	8.50	160	Pn	Pn	19 23 46.1 -1.3
GO02	Mina Guanaco	9.25	91	Pn	Pn	19 23 58.3 +0.0
SIV	San Ignacio	10.10	88	Pn	Pn	19 24 34.1 -1.8
SAML	Samuel	12.76	54	eP	Pn	19 24 45.8 +1.2
SALV	Santo Antonio	17.26	90	eP	Pn	19 25 41.4 -0.3
CLDB	Colider	18.27	90	eP	Pn	19 25 51.6 -1.2
PTGA	Pitinga	20.79	42	P	P	19 26 19.0 -1.1
PTGA		20.79	42	P	P	19 26 19.0 -1.1
PTGA		20.79	42	Iamb	Iamb	19 26 23.7
PTGA	Pitinga	20.79	42	eP	Pn	19 26 19.1 -1.1
ARAG	Araguaiânia, MT	21.00	91	eP	Pn	19 26 20.4 -2.0
PLCA	Paso Flores	24.15	174	Pn	Pn	19 26 58.1 +4.5
BDFB	Brasília	24.85	91	Pn	Pn	19 26 59.6 +1.2
TXAR	Lajitas Array	54.12	327	P	P	19 31 02.9 +1.2
PDAR	Pinedale Array	67.72	332	P	P	19 32 35.0 +1.3
DBIC	Dimbokoro	71.85	77	Pn	Pn	19 33 00.5 +1.1
TORD	Tordi Arr. Bea	80.11	73	P	P	19 33 48.9 +2.5
YKA	Yellowknife Arr	85.18	342	P	P	19 34 13.6 +2.0
ESDC	Sonsea Array	85.66	47	P	P	19 34 16.2 +1.7
H1N1	WAKE ISLAND HY22.65 283			T	T	21 54 59.1
H1N2	WAKE ISLAND HY22.65 283			T	T	21 55 05.3

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
H1N1	WAKE ISLAND HY22.65 283			T	T	21 54 57.1
H1S2	WAKE ISLAND HY22.66 282			T	T	21 54 56.6
H1S1	WAKE ISLAND HY22.67 282			T	T	21 55 01.0
H1S3	WAKE ISLAND HY22.68 282			T	T	21 54 58.3
MKAR	Makanchi Array	143.93	28	PKP	PKIP	19 41 11.4 -2.7
SONM	Songino Array	148.90	30	PKPbc	PKPab	19 41 25.9 -1.4

ISC 16 19:34:07.8.0.9, 31.95S, 177.13W, h0km, mb4.3/6,
 mb1.4/4.9, mb1mx4.2/28, mbtmp4.3/9, ML3.9/3, MS3.4/3,
 Ms1.3/4.3, ms1mx3.1/37, Error ellipse: s-maj=30.2km
 s-min=22.5km az=99.0

NEIC 16 19:34:09.6.2.5, 31.87S, 0.08x177.33W, 0.2, h7km, 5km,
 mb4.6/10, Error ellipse: s-maj=29.3km s-min=11.3km
 az=98.0

ISC 16 19:34:09.4.0.8, 31.94S, 0.07x177.33W, 0.1, h10km, n38,
 e1920/38, mb4.5/9, Kermadec Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
RAO	Raoul Island	2.73	349	Op	ISC	19 34 51.7 -1.6
RAO		33n, 0.3s, baz=250, slow=23, SNR=4.0			Sn	19 35 25.0 -1.3
RAO		115nm, 0.3s, baz=51, slow=21, SNR=2.8			LR	19 35 56.2
RAO		comp=Z, 570nm, 18.9s, baz=190, slow=39			LR	19 35 56.2
RAO	Raoul Island	2.73	349	Pn	Pn	19 34 50.7 -2.5
URZ	Urewera	7.79	214	Pn	Pn	19 36 01.9 -0.9
URZ		0.9nm, 0.3s, baz=210, slow=16, SNR=1.2			Sn	19 37 27.9 -3.1
URZ		2.1nm, 0.3s, baz=163, slow=23, SNR=8.6			Pn	19 36 01.4 -1.4
URZ	Urewera	7.79	214	Pn	Pn	19 37 39.3 -0.9
RPZ	Rata Peaks	14.91	215	Pn	Pn	19 37 39.3 -0.9
WKZ	Wanaka	16.72	216	Pn	Pn	19 38 03.5 -0.2
WKZ		comp=Z, 38nm, 1.2s			Iamb	19 38 12.1
DZM	Mont Dzumac	17.48	300	eLR	LR	19 42 38.8
DZM		comp=Z, 66nm, 26.5s			LR	19 43 08.6
DZM	Mont Dzumac	17.48	300	LR	LR	19 43 08.6
MLZ	Mavora Lakes	17.55	216	Pn	Pn	19 38 13.9 -0.2
PPT	Papeete	28.86	67	LR	LR	19 51 21.0
CTAO	Charters Tower	18.9s, baz=192, slow=7, SNR=12			Iamb	19 40 59.2 0.0
CTAO		comp=Z, 16nm, 0.8s			Iamb	19 41 03.8
BBOO	Buckleboe	39.15	256	P	P	19 41 39.1 +1.8
BBOO		comp=Z, 15nm, 0.9s			Iamb	19 41 39.9 1.0
ASAR	Alice Springs	43.64	268	P	P	19 42 14.8 +0.4
ASAR		comp=Z, 2.2nm, 0.7s, baz=108, slow=8.0, SNR=2.6			PcP	19 44 02.8 +1.1
ASAR		comp=Z, 0.5nm, 0.6s, baz=116, slow=4.8, SNR=4.5			P	19 42 14.3 -0.1
ASAR	Alice Springs	43.64	268	P	P	19 42 22.9 +1.0
WR0	Warramunga Arr	44.59	273	P	P	19 42 24.4 +1.1
WR2	Warramunga Arr	44.76	273	P	P	19 42 34.2
WR2		comp=Z, 8.7nm, 1.1s			Iamb	19 42 24.9 +1.5
WRA	Warramunga Arr	44.77	273	P	P	19 42 23.7 +0.3
WBO	Warramunga Arr	44.77	273	P	P	19 42 24.1 +1.1
FORST	Forrest	46.24	256	P	P	19 42 36.6 +1.7
QSPA	South Pole Qui	58.18	180	P	P	19 44 03.4 +1.1
QSPA		comp=Z, 1.1nm, 1.0s, baz=34, slow=2.8, SNR=13				

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Alice Springs, Mangrove Creek, Ambon, Kununurra, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Matushiro Arr, Matushiro, Matushiro, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PPT2, TIA, TIA, TIA, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like NKC, FNA, KHC, GEC2, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like OUK, TTIG, PMPST, etc.

CRSC 16:20:09.27.8.1.0.53.18N.160.42E, h52km. 10km, ML4.8, FELT (I-III) at Petropavlovsk. MOS 16:20:09.29.8.0.8.53.21N.160.24E, h62km, mb4.4/10, Error ellipse: s-maj=7.4km s-min=1.4km az=78.1

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res, and other parameters. Includes stations like SPN, SPN, SPN, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like SMKR, SRKR, SRKR, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like SMKR, SRKR, SRKR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KK31, KKAR, KJAR, etc.

ATH 16:20:17.09.7, 34.56N, 23.94E, h26km, 3km, ML2.4/3, Error ellipse: s-maj=4.1km s-min=1.4km az=86.0, Crete

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

BJI 16:20:24.19.6.0.0, 62.91N, 150.01W, h76km, mB5.1/32, mB5.1/68, Ms4.8/20, Ms7.4/19

MOS 16:20:24.23.0.0, 63.74N, 150.01W, h91km, mB5.1/39, MS4.7/4, Error ellipse: s-maj=20.3km s-min=7.0km az=98.6

NEIC 16:20:24.23.9.2, 62.90N, 0.03, 149.89W, 0.06, h88km, 2km, Error ellipse: s-maj=5.0km s-min=4.1km az=203.0

IDC 16:20:24.23.9.1, 63.09N, 150.01W, h82km, 9km, mb4.4/31, mb1.4/33, mb1mx4.4/43, mbmp4.7/33, MS4.0/8, Ms1.4/0.8, ms1mx3.6/40, Error ellipse: s-maj=11.2km s-min=8.5km az=10.0

NEIC 16:20:24.24.62.89N, 149.94W, h85km, Moment Tensor Solution, Moment tensor: Scale 10^9Nm, Mrr: 42.0

AEIC 16:20:24.24.2.1, 62.89N, 0.03, 149.94W, 0.06, h76km, 3km, ML5.1/158, mb4.9/199(NEIC), Mrr=0.64(NEIC) Error ellipse: s-maj=4.8km s-min=3.9km az=201.0

GCMT 16:20:24.28.0.0, 62.94N, 0.02, 150.07W, 0.04, h100km, 3km, MWS, 0.97, Moment Tensor Solution, s27, c141, Duration: 0, Moment tensor: Scale 10^9Nm, Mrr: 1.59, 1.7, Mss: 1.61, Mss: 2.98, Mss: 0.41, Fault plane solution: M3.620000, 1016, NP1.3s, 103, 10000, 578.950000, 125.210000, NP2.3s, 96000, 6.653000, 1167.830000, Principal axes: T: 3.7340, Plg25.0000, Azm328.0000, N: -0.2334, Plg63.0000, Azm125.0000, P: -3.5006, Plg9.0000, Azm234.0000;

ISC 16:20:24.23.1.0, 62.92N, 0.03, 149.95W, 0.03, h81km, 3km, h81km, pP-P, s589, r1949/614, mb4.9/185, 33C-9D, Central Alaska

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WAT2, WAT1, WAT1, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like INK, INK, INK, etc.

16d 21h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like LZH, CLL, ABKAR, WHN, BRG, etc.

2014 APR

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like KIV, KBZ, SHA1, PCBR, NCK, GAR, GROC, etc.

1198

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PATS, WRO, WB2, WRA, WRA, etc.

IDC 16:21:11.32.5.1.1.5.07S:153.83E,h0km,mb3.9/7, mb1.4/0.8,mb1mx3.7/35,mbtrmp3.9/8,ML1.8/1,MS3.5/1, MS1.3/1,ms1mx2.8/30,Error ellipse: s-maj=28.3km s-min=23.3km az=69.0

ISC 16:11:34.1.1.0.5.03.0.1:153.75E,0.09,h10km,n13, s-maj=11.4,mb3.8/7,New Ireland region

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes entries for BVAR Borovoye Array, TORO Torodi Ar. Bea, and TIR Tirane.

NEIC 16:21:22:49.5, 1.5, 31.73S; 179.82E, h395km, 14km, mb3.6/9, mb1 3.7/12, mb1mx3.5/43, mbtmp4.4/12, Error ellipse: s-maj=18.9km, az=79.0

WEL 16:21:22:52.6, 0.3, 32.32S; 178.0W, 1.7, h365km, 6km, M4.4/35, mbA.9/21, MLV5.2/35, MW(MB)4.2/21

ISC 16:21:22:49.4, 0.5, 31.95S; 107.185E, 0.10, h400km, n131, e239/149, mb4.1/11, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes entries for GLKZ Green Lake, RAO Raoul Island, RIZ Rarotonga, and others.

WEL 16:21:22:52.6, 0.3, 32.32S; 178.0W, 1.7, h365km, 6km, M4.4/35, mbA.9/21, MLV5.2/35, MW(MB)4.2/21

ISC 16:21:22:49.4, 0.5, 31.95S; 107.185E, 0.10, h400km, n131, e239/149, mb4.1/11, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes entries for URZ Urewera, RAGZ Rawiri, RIGZ Rimuhau, and many others.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes entries for RPZ Rata Peaks, NIUE Niue, CTA Charters Tower, and others.

ISC 16:21:36:50.6, 1.4, 19.66S; 0.02; 71.09W, 0.06, h182km, 4km, mb4.2/3, Mwr4.0/44, Error ellipse: s-maj=8.1km, s-min=2.5km, az=103.0

NEIC 16:21:36:51.8, 1.9, 66S; 0.02; 71.09W, 0.06, h182km, 4km, mb4.2/3, Mwr4.0/44, Error ellipse: s-maj=8.1km, s-min=2.5km, az=103.0

NEIC 16:21:36:51.8, 1.9, 66S; 0.02; 71.09W, 0.06, h182km, 4km, mb4.2/3, Mwr4.0/44, Error ellipse: s-maj=8.1km, s-min=2.5km, az=103.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes entries for PSCG Pisagua, PSQC Pisagua, and others.

ISC 16:21:44:14.1, 1.1, 4.24N; 75.388W, h172km, 4km, M2.8, Mw3.5, 4C-9D, Colombia

ISC 16:21:44:14.1, 1.1, 4.24N; 75.388W, h172km, 4km, M2.8, Mw3.5, 4C-9D, Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes entries for RNSC 16:21:44:14.1, 1.1, 4.24N; 75.388W, h172km, 4km, M2.8, Mw3.5, 4C-9D, Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes entries for PB10 IPOC Station P, LPAZ La Paz, and others.

ISC 16:21:37:52.2, 4.1, 17.17N; 19.98E, h16km, M1 3.5/1, mb1mx2.7/29, Error ellipse: s-maj=9.0km, s-min=25.3km, az=76.0, Banda Sea

ISC 16:21:37:52.2, 4.1, 17.17N; 19.98E, h16km, M1 3.5/1, mb1mx2.7/29, Error ellipse: s-maj=9.0km, s-min=25.3km, az=76.0, Banda Sea

ISC 16:21:37:52.2, 4.1, 17.17N; 19.98E, h16km, M1 3.5/1, mb1mx2.7/29, Error ellipse: s-maj=9.0km, s-min=25.3km, az=76.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes entries for FITZ Fitzroy Crossi, WRA Warramunga Arr, and others.

ISC 16:21:44:14.1, 1.1, 4.24N; 75.388W, h172km, 4km, M2.8, Mw3.5, 4C-9D, Colombia

ISC 16:21:44:14.1, 1.1, 4.24N; 75.388W, h172km, 4km, M2.8, Mw3.5, 4C-9D, Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes entries for YOTE Yotoco, ANIL Santa Ana, and others.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JUNU Nakatsue, MJAR Matsushiro Arr, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, etc.

NEIC 16 22:43:23.8±2.9, 6.98S; 0.08±1.55; 0.07; h56km±5km, mb4.8/76, Error ellipse: s-maj=11.6km s-min=9.4km az=205.0

CMAR 16 22:43:24.8±0.3, 7.08S; 0.02±1.54; 94E±0.03; h29km, MW5.0/69, Moment Tensor Solution. s37, c43; s69, c85; Duration: 0 Moment tensor: Scale 10^16Nm; Mrz 2.75±1.6; Mw-1.59±.11; Mw-1.15±.11; Mw1.22±.16; Mw1.61±.09; Mw-1.09±.16; Best double couple: M3.30600x10^16

NEW 16 22:43:25.3±1.8, 6.77S; 154.91E, h52km±15km, mb4.3/23, mb1.4/4/28, mb1mx4.4/43, mbtmp4.5/28, ML4.1/4, MS3.8/12, Ms1.3/8/12, ms1mx3.6/4, Error ellipse: s-maj=12.0km s-min=11.3km az=113.0

Bougainville-Solomon Islands region

Table listing stations in Bougainville-Solomon Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res.

Northwestern Balkan Peninsula

Table listing stations in Northwestern Balkan Peninsula with columns: Code, Station Name, Az, Phase ID, Time, Res.

Northwestern Balkan Peninsula

Table listing stations in Northwestern Balkan Peninsula with columns: Code, Station Name, Az, Phase ID, Time, Res.

mb4.3/9, Error ellipse: s-maj=16.9km s-min=10.3km
az=72.0
ISC 16 23:04:37.0±0.6, 11.63S±0.08, 162.0E±0.1, h39km, n45,
o088/42, mb4.1/13, MS3.4/6, Bougainville-Solomon
Islands region

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

THR 16 23:31:37.3±0.4, 28.49N±51.67E, h11km, 11km, ML5.2
SOME 16 23:31:38.0±0.0, 28.51N±51.66E, h10km, mb4.9/7, Ms4.2/2
NEIC 16 23:31:38.9±0.2, 28.52N±0.04±51.75E±0.06, h10km, 11km,
Error ellipse: s-min=7.3km az=266.0
GII 16 23:31:39.6±0.0, 28.64N±51.75E, h10km
MOS 16 23:31:39.6±1.3, 28.51N±51.71E, h23km, mb4.9/38,
MS4.0/11, Error ellipse: s-maj=5.2km s-min=3.2km
az=104.5
TEH 16 23:31:39.4, 28.55N±51.61E, h15km, ML5.0
GCMT 16 23:31:39.4±0.2, 28.48N±0.02±51.50E±0.01, h19km±1km,
MW4.9/96, Moment Tensor Solution. s33,c36; s96,c154;
Duration: 0 Moment tensor: Scale 10^19Nm; Mrr:0.48±.09;
Mth:0.8±.07; Mtt:1.2±.08; Mtr:0.47±.16; Mtr:0.24±.07;
Mtr:0.46±.17; Best double couple: M2:5380±.02;
NF1:193.0000°; s2:0.0000°; s3:1.76.0000°; NP2:
φ:102.0000°; s8:0.0000°; s1:1.0000°; Principal axes:
T 2.2430, P1g5.0000°, Azm148.0000°; N 0.5940,
P1g78.0000°, Azm263.0000°; P -2.8320, P1g11.0000°,
Azm52 refers to surface waves, cutoff=50s. Triangular
moment-rate function

BUI 16 23:31:40.0±0.0, 28.60N±51.80E, h10km, mb4.9/37,
mb4.7/55, Ms4.6/41, Ms7.4/39
IDC 16 23:31:42.4±1.5, 28.55N±51.63E, h31km, 10km, mb4.5/39,
mb1.4/64, mb1mx4.5/3, mbtmp4.744, ML4.3/5, MS4.0/36,
Ms1.4/0.26, ms1mx3.9/54, Error ellipse: s-maj=9.6km
s-min=6.8km az=10.0

OMAN 16 23:31:44.0±0.6, 28.43N±51.67E, h76km, 6km, ml5.2/10,
Error ellipse: s-maj=6.1km s-min=1.5km az=74.0
DSN 16 23:31:46.3±1.8, 28.04N±51.83E, h10km, ML5.3/10, Error
ellipse: s-maj=26.0km s-min=11.0km az=2.0
BGR 16 23:32:00.9±0.0, 29.18N±49.29E, h33km, mb4.8, Ms4.0
ISC 16 23:31:39.1±0.3, 28.49N±0.03±51.66E±0.03, h10km, n787,
o180/814, mb4.8/182, MS4.1/48, 55C-22D, Southern Iran

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

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

16d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK Kurchatov, KIRV Kirov, KIRV comp=Z,28nm,0.5s, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ABTA Abfaltersbach, PVCC Panska Ves, PVCC Panska Ves, etc.

1204

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHTO Chiang Mai, CHTO Chiang Mai, CMAR Chiang Mai Arr, etc.

16d 23h

2014 APR

1206

Table with columns for station name, frequency, power, and other technical details. Includes stations like KEBE, KONT, DOGA, SZAC, FETY, ATHAL, BASM, CSS, LADK, MVOU, KIZK, KZIL, DALY, TURN, TAVA, EREN, KDNH, SHUT, DEANT, PARAL, KERG, BOLV, KHL, MERS, KHAL, CHBY, ARG, YER, KIZT, AFYO, OSCI, DED, DAT, AKSY, KULU, GULA, KARA, DAT, DAT, DAT, AKUR, AKUR.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AUKIR, USAK, CIFT, CIFT, KULA, KKUL, KKUL, MANT, MANT, MANT, MANT, AUSIV, AUSIV, AUSIV, CMRD, SERE, SVRH, KRFS, OSC2, OSC2, GEDZ, GEDZ, SHAP, AYDB, BDRM, BDRM, YAYX, ESKT, ESKT, SIMA, SIMA, YURE, YURE, AKO, AKO, AFRS, KARP, KARP, KARP, KARP, KIRS, KIRS, DEMI, DEMI, TVSB, TAVSANI, BBAL, BBAL, BBAL, CEYT, GCAM, GCAM, GCAM, YAHY, YAHY, BORA, BORA, AVNS, AVNS, AVNS, BR23, BR23, ANTO, ANTO, ANTO, ANTO, LOD, LOD, SRCK, SRCK, SRCK, TAHT, BR131, BR131, BR131, BRTR, BRTR, BRTR, BRTR, BRTR, BRTR, DGB, DGB, DGB, SAIM, SAIM, SAIM, ANDN, ANDN, ANDN, BHW, BHW, BHW, KIBS, KIBS, KIBS, MDUB, DQRL, DELI, DELI, DELI, GUNE, STEP, STEP, SIRG, GEVY, GEVY, GEVY, KAMA, KAMA, KAMA, CMRD, CMRD, CMRD.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMDR, BTAS, BTAS, BTAS, ZKR, ZKR, IGD, ZEDA, ZEDA, HNTI, HNTI, ORWL, STIA, STIA, AMGA, AYKD, AYKD, AYKD, ANAF, ANAF, RCY, HCB, HCB, SHBL, MMAR, MMAR, MMAR, BALLY, BALLY, BALLY, BCAM, BCAM, BCAM, GEM, KSDI, KSDI, NATI, NATI, SAHE, OFRI, OFRI, BLGI, BLGI, DZCE, YIGI, YIGI, GAZ, CHOS, APE, APE, APE, SAANT, SAANT, NPS, NPS, NPS, SAPI, LAST, LAST, IOSP, KAND, KAND, KAND, CUSAR, SLTI, SLTI, SLTI, MMLI, MMLI, MMLI, PRK, ORNU, HMDT, HMDT, IDI, IDI, IDI, IDI, EZN, SIVA, AMAZ, AMAZ, AMAZ, DAMZ, DAMZ, DAMZ, IMMV, ASF, ASF, ASF, GVDS, GVDS, GVDS, KARJ, KARJ, ALN, ALN, KOT, KOT, HMYD, ZFRI, ZFRI, SUZ, PRNI, PRNI, PRNI, HSAF, HSAF, HNAT, GLL, GLL, EDRB, HRFI, HRFI, ZNM, SLUM, SLUM, MBRI, MBRI, MBRI, AQB, AQB, AQB, EIL, EIL, EIL, JMB, RZN, NBNS, NBNS.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like QIZ Qiongzong, WHN Wuhan, ASAR Alice Springs, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like MORW Morawa, PETK Petropavlovsk, MSVF Nonsu, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like BMAR Burnt Mountain, TBI Tubu, CTGM Chitina Glacia, etc.

IDC 17 01:03:17.1±0.2, 19:57S:70:45W, h0km, mb3.9/1, mb1 3.8/4, mb1mx3.5/25, mbrtmp3.7/4, ML3.6/2, MS2.6/1, MS1 2.7/1, ms1mx2.4/20, Entor ellipse: s-maj=50.9km s-min=38.1km az=68.0
GUC 17 01:03:22.6±0.8, 19:86S:70:41W, h40km, 1km, ML3.5
ISC 17 01:03:19.7±1.4, 19:38S:02:70:50W, h0km, 1h3km, 10km, n28, r1927/38, 3C-9D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, Copiap, La Paz, Santo Antonio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, MSLP Maasin, Catarman, Butuan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, YKA Yellowknife Arr, TORO Torodi Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TANA Tana Torajima, AMPANA Ampana, MAPAGA Mapaga, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, CHVC Chwalec, OSTC Ostas, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EOSI EOSI, TWB1 Santiao Chiao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GOPC GO Peeny, PRU Pruhonice, etc.

SMPI	2um155nm,0.6s	16.98 112	P	P	04 41 46.8 +1.2
SMRI	Semarang 6um291nm,0.8s	17.00 228	P	P	04 41 47.9 +2.2
SMRI	Semarang	17.00 228	P	P	04 41 45.5 -0.2
WOJI	Wonogiri, Jawa	17.19 225	P	P	04 41 48.1 +0.7
PCJI	Pacific 283nm,0.6s	17.27 223	P	P	04 41 49.4 +1.2
UGM	Wanagama	17.52 225	P	P	04 41 51.9 +1.4
YOGI	Yogyakarta 5um486nm,1.1s	17.62 226	P	P	04 41 53.0 +1.6
GENI	Genyem	18.56 112	P	P	04 42 01.3 +1.4
TPRI	Tanjung Pinang	18.79 260	P	P	04 42 03.1 +1.1
YULB	Yuli comp-Z,24nm,0.7s	18.84 355	IAMB	IAMB	04 42 09.6
JAY	Jayapura	19.02 111	P	P	04 42 04.9 +0.6
JAY	Jayapura	19.02 111	P	P	04 48 42.6 +0.6
JAY	Jayapura	19.02 111	P	P	04 42 04.8 +0.6
LEM	Lembang	19.04 234	P	P	04 42 05.7 +1.2
MTN	Manton Dam	19.05 155	P	P	04 42 04.5 +0.2
MTN	Manton Dam	19.05 155	P	P	04 42 04.4 +0.1
SSLB	Suanglung	19.25 248	P	P	04 42 04.2
QIZ	Qiongzong	19.31 319	P	P	04 42 08.0 +1.3
QIZ	Qiongzong	19.31 319	IAMB	IAMB	04 42 09.4
QIZ	Qiongzong	19.31 319	IAMB	IAMB	04 42 05.8 -1.1
CISI	Cismpet, Garu	19.32 232	P	P	04 42 05.6 -1.3
CISI	Cismpet, Garu	19.32 232	P	P	04 42 08.5 -0.1
KDU	Kakadu	19.51 151	P	P	04 42 10.1 +0.8
DBJI	Dragama	19.52 236	P	P	04 42 12.9 +3.0
PMBI	Palemang	19.65 248	P	P	04 42 09.5 -0.9
CNJI	Cibinong	19.71 234	P	P	04 42 11.7 +0.3
YOJ	Yonaguni jima	19.83 0	P	P	04 42 11.7 +0.3
YOJ	Yonaguni jima	19.83 0	P	P	04 42 11.7 +0.3
SKJI	Sukabumi	20.00 235	P	P	04 42 13.3 +0.3
YHNB	Yeheng	20.10 356	P	P	04 42 13.8 0.0
YHNB	Yeheng	20.10 356	IAMB	IAMB	04 42 19.5
BLSI	Bandar Lampung	20.26 241	P	P	04 42 17.4 +2.0
UBPT	Khong Chiam	20.29 303	IAMB	IAMB	04 42 18.7
TATO	Taipei	20.40 356	P	P	04 42 16.1 -0.3
OZH	Quanzhou	20.75 349	I/P	I/P	04 42 20.8 +1.2
OZH	Quanzhou	20.75 349	S	S	04 44 47.4 +1.0
OZH	Quanzhou	20.75 349	S	S	04 45 36.0 +1.4
MDSI	Maura Dua	20.80 245	P	P	04 42 20.4 0.0
KNRA	Kunururra	20.86 164	P	P	04 42 21.1 +0.4
KNRA	Kunururra	20.86 164	P	P	04 42 21.3 +0.6
KASI	Kota Agung	20.95 242	P	P	04 42 22.3 +0.3
LWLI	Lwiwa	21.15 244	P	P	04 42 25.0 +1.5
MNAI	Manna	21.87 247	P	P	04 42 31.1 +1.2
IPM	Ipon	21.90 271	P	P	04 42 29.6 -0.6
KSI	Kapahiang	21.94 249	P	P	04 42 31.0 +0.5
MASI	Maura Aman, Be	22.09 250	P	P	04 42 34.1 +2.3
SDSI	Sungai Dareh	22.21 256	P	P	04 42 33.3 +0.4
BKNI	Bangkinang	22.32 260	P	P	04 42 34.7 +0.8
KRJI	Kerinci	22.49 253	P	P	04 42 37.3 +1.8
FITZ	Fitzroy Crossi	22.62 173	P	P	04 42 36.5 0.0
FITZ	Fitzroy Crossi	22.62 173	P	P	04 42 36.4 0.0
FITZ	Fitzroy Crossi	22.62 173	P	P	04 46 00.9 -3.4
FITZ	Fitzroy Crossi	22.62 173	P	P	04 48 50.1 -0.6
FITZ	Fitzroy Crossi	22.62 173	IAMB	IAMB	04 42 36.7 +0.3
JOW	Kunigami	22.76 12	P	P	04 42 38.0 +0.4
JOW	Kunigami	22.76 12	P	P	04 48 50.3 -0.7
JOW	Kunigami	22.76 12	P	P	04 42 37.8 +0.2
JOW	Kunigami	22.76 12	IAMB	IAMB	04 42 43.0
PDSI	Padang	23.15 257	P	P	04 42 41.1 -0.2
GUMO	Guam	23.39 66	P	P	04 42 42.6 -0.7
MNSI	Mandailing Nat	23.67 262	P	P	04 42 45.6 -0.3
PPSI	Pulau Pagai	24.08 253	P	P	04 42 50.9 +1.4
PSI	Prapat	24.08 267	P	P	04 42 49.7 +0.1
SISI	Saibi	24.58 257	P	P	04 42 53.6 -0.3
PBKT	Sadao Pong	24.71 301	IAMB	IAMB	04 42 57.3
SLVN	Son La	24.96 314	IAMB	IAMB	04 43 01.5
PBSI	Pulau Batu	25.10 260	P	P	04 43 00.0 +1.5
GSI	Gunungsitoli	25.58 264	P	P	04 43 01.9 -0.9
MBWA	Marble Bar	25.71 187	P	P	04 43 03.5 -0.2
LHMI	Lhok Sumawe	25.96 273	P	P	04 43 07.2 +1.1
SSE	Sheshan	26.50 357	P	P	04 43 11.8 +1.3
SSE	Sheshan	26.50 357	S	S	04 47 04.8 0.0
SSE	Sheshan	26.50 357	S	S	04 49 01.6 -0.9
SSE	Sheshan	26.50 357	S	S	04 43 11.9 -1.0
MNSI	Meulaboh, Aceh	26.51 271	P	P	04 43 10.2 -0.8
SNSI	Sinabang, Aceh	26.70 266	P	P	04 43 13.6 +1.0
WRAB	Tennant Creek	26.74 156	eP	eP	04 43 12.6 -0.2
WRAB	Tennant Creek	26.74 156	P	P	04 43 12.6 -0.2
WRA	Warramunga Arr	26.74 156	P	P	04 43 12.4 -0.5
WRA	Warramunga Arr	26.74 156	S	S	04 47 04.7 -4.3
WRA	Warramunga Arr	26.74 156	S	S	04 49 01.6 -0.9
WRA	Warramunga Arr	26.74 156	S	S	04 43 15.4 +1.6
GYA	Gulyang	26.84 326	I/P	I/P	04 45 54.9 +1.4
GYA	Gulyang	26.84 326	S	S	04 46 17.8 +0.9
GYA	Gulyang	26.84 326	S	S	04 47 10.8 +0.3
GYA	Gulyang	26.84 326	S	S	04 49 02.5 -0.3
GYA	Gulyang	26.84 326	S	S	04 52 54.4 -0.7
GYA	Gulyang	26.84 326	S	S	04 43 18.3 +2.1
WHN	Wuhan	27.15 343	I/P	I/P	04 45 57.3 +1.1
WHN	Wuhan	27.15 343	S	S	04 46 16.8 -0.5
WHN	Wuhan	27.15 343	S	S	04 47 17.9 +3.0
WHN	Wuhan	27.15 343	S	S	04 49 03.3 -0.2
WHN	Wuhan	27.15 343	S	S	04 52 55.9 -0.1
WHN	Wuhan	27.15 343	S	S	04 43 16.0 -0.6
COEN	Coen	27.16 133	P	P	04 43 16.1 -0.5
COEN	Coen	27.16 133	P	P	04 43 21.9 +0.1
CMAR	Chiang Mai Arr	27.29 302	P	P	04 43 18.9 +1.3
CMAR	Chiang Mai Arr	27.29 302	P	P	04 46 18.9 +1.0
CMAR	Chiang Mai Arr	27.29 302	P	P	04 49 04.8 +0.6
CMAR	Chiang Mai Arr	27.29 302	P	P	04 43 16.1 -1.6
CMAR	Chiang Mai Arr	27.29 302	P	P	04 46 18.0
CMAR	Chiang Mai Arr	27.29 302	P	P	04 43 16.1 -1.6
CMAR	Chiang Mai Arr	27.29 302	P	P	04 46 18.0 +0.1
CMAR	Chiang Mai Arr	27.29 302	P	P	04 49 04.1 -0.1
CHTO	Chiang Mai	27.45 303	P	P	04 43 20.3 +1.2
CHTO	Chiang Mai	27.45 303	P	P	04 43 20.3 +1.2
CHTO	Chiang Mai	27.45 303	P	P	04 43 19.9 +0.8
CHTO	Chiang Mai	27.45 303	P	P	04 43 19.9 +0.8
CHTO	Chiang Mai	27.45 303	P	P	04 43 22.7
NJ2	Nanjing	27.67 352	eP	eP	04 43 22.5 +1.7
NJ2	Nanjing	27.67 352	S	S	04 47 24.4 +1.4
NJ2	Nanjing	27.67 352	S	S	04 43 22.0 0.0
PMG	Port Moresby	27.77 120	P	P	04 49 06.2 +0.4
PMG	Port Moresby	27.77 120	P	P	04 43 21.8 -0.1
PMG	Port Moresby	27.77 120	P	P	04 43 22.1 +0.2
KMI	Kunming	28.26 318	P	P	04 43 28.8 +2.5
KMI	Kunming	28.26 318	S	S	04 46 03.3 -3.4
KMI	Kunming	28.26 318	S	S	04 47 35.0 +2.2
KMI	Kunming	28.26 318	S	S	04 50 09.2 +2.2
KMI	Kunming	28.26 318	S	S	04 50 02.5 -1.5
KMI	Kunming	28.26 318	S	S	04 43 32.5
GIRL	Giralila	28.32 197	P	P	04 43 27.8 +1.2
JCJ	Chichijima	28.98 37	P	P	04 43 32.0 -0.3
JCJ	Chichijima	28.98 37	P	P	04 47 39.3 -4.2
JNU	Nakatsue	29.40 14	P	P	04 43 35.8 -0.1
JNU	Nakatsue	29.40 14	P	P	04 49 10.0 -0.7
JNU	Nakatsue	29.40 14	P	P	04 43 35.8 -0.1
JNU	Nakatsue	29.40 14	P	P	04 43 39.2
QIS	Mount Isa	29.78 147	P	P	04 43 40.0 +0.7
WRKA	Warakuna	29.82 170	P	P	04 43 40.1 +0.5
ASAR	Alice Springs	29.96 160	P	P	04 43 41.4 +0.5
ASAR	Alice Springs	29.96 160	P	P	04 47 57.0 -1.8
ASAR	Alice Springs	29.96 160	P	P	04 49 11.4 -1.3
KRVT	Keravat (AS076)	30.30 106	P	P	04 43 45.4 +1.5
PBA	Port Blair	30.76 285	IAMB	IAMB	04 43 42.7 -0.5
PBA	Port Blair	30.76 285	IAMB	IAMB	04 43 58.4
PBA	Port Blair	30.76 285	P	P	04 43 49.2 +1.5
PBA	Port Blair	30.76 285	IAMB	IAMB	04 44 01.0
MTSU	Mount Surprise	30.80 138	P	P	04 43 48.8 +0.7
COCO	West Island	30.85 237	P	P	04 43 47.3 -1.2
COCO	West Island	30.85 237	P	P	04 43 47.3 -1.2
COCO	West Island	30.85 237	P	P	04 43 47.4 -1.5
DGPR	Digul	30.89 288	eP	eP	04 43 59.2
MEEK	Meekatharra	31.26 188	P	P	04 43 51.8 -0.1
CD2	Chengdu	31.90 328	I/P	I/P	04 43 58.1 +0.8
CD2	Chengdu	31.90 328	S	S	04 46 37.6 -0.9
CD2	Chengdu	31.90 328	S	S	04 48 29.0 +0.6
CD2	Chengdu	31.90 328	S	S	04 51 41.6 +2.7
CD2	Chengdu	31.90 328	S	S	04 43 59.6 +1.9
TJN	Taijon	31.96 70eP	P	P	04 43 58.5 +0.4
TIA	Tai'an	32.01 351	P	P	04 46 42.5 +2.7
TIA	Tai'an	32.01 351	S	S	04 48 29.0 -0.7
TIA	Tai'an	32.01 351	S	S	04 53 19.0 -0.6
XAN	Xian	32.16 338	P	P	04 44 00.0 +0.5
XAN	Xian	32.16 338	P	P	04 46 32.1 +1.5
XAN	Xian	32.16 338	S	S	04 46 40.3 +2.3
XAN	Xian	32.16 338	S	S	04 48 31.1 -1.1
XAN	Xian	32.16 338	S	S	04 49 19.3 -0.7
XAN	Xian	32.16 338	S	S	04 44 00.0 +0.5
XAN	Xian	32.16 338	S	S	04 46 32.1 +1.5
XAN	Xian	32.16 338	S	S	04 46 40.3 +2.3
XAN	Xian	32.16 338	S	S	04 48 31.1 -1.1
XAN	Xian	32.16 338	S	S	04 49 19.3 -0.7
XAN	Xian	32.16 338	S	S	04 44 00.0 +0.5
XAN	Xian	32.16 338	S	S	04 46 32.1 +1.5
XAN	Xian	32.16 338	S	S	04 46 40.3 +2.3
XAN	Xian	32.16 338	S	S	04 48 31.1 -1.1
XAN	Xian	32.16 338	S	S	04 49 19.3 -0.7
XAN	Xian	32.16 338	S	S	04 44 00.0 +0.5
XAN	Xian	32.16 338	S	S	04 46 32.1 +1.5
XAN	Xian	32.16 338	S	S	04 46 40.3 +2.3
XAN	Xian	32.16 338	S	S	04 48 31.1 -1.1
XAN	Xian	32.16 338	S	S	04 49 19.3 -0.7
XAN	Xian	32.16 338	S	S	04 44 00

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FOZ, MLZ, WHZ, WPB, RZK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MAK, GROG, KIRV, DAMY, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like OBN, TOKT, TRF, SARI, etc.

Table with columns: Station Name, Time, Azimuth, Phase, and other parameters. Includes stations like K46A Dorr, HDJ Hopedale, JCT Junction City, etc.

Table with columns: Station Name, Time, Azimuth, Phase, and other parameters. Includes stations like WVT Waverly, P52A Corning, BINY Binghamton, etc.

Table with columns: Station Name, Time, Azimuth, Phase, and other parameters. Includes stations like SBLs San Blas, SBLs San Blas, LLLGN La Laguna, etc.

17d 7h

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Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h, m, s, ISC, P, Pg, S, Sg, AML, AML, P, Pn, Sn. Includes stations like Honiara, Warramunga, Alice Springs, etc.

Table with columns: comp, N, Δ, μm, 0.1s, P, Pg, S, Sg, AML, AML, P, Pn, Sn. Includes stations like University Cam, Loutraki, Agios Georgios, etc.

Table with columns: FSK, Fiskardo, 1.50 272, P, Pn, Sn, 07 04 32.1 -0.3, 07 04 55.0 +3.0. Includes stations like Fiskardo, Valsamata, Keri, etc.

IDC 17 07:04:04.2, 0.8, 38°46'N-22°49'E, h0km, mb3.8/13, mb1.3/9.17, mb1mx3.7/45, mbtmp3.8/17, ML3.6/4, MS3.0/4, Ms1.3/0.4, ms1mx2.6/46, Error ellipse: s-maj=17.5km, s-min=14.4km az=133.0

DRD Drossia 0.76 232 P S Pg 07 04 19.1 -0.9 07 04 31.0 -0.3 07 04 18.9 -1.2 07 04 38.0 -0.5 07 04 37.0

SKY Skiros Island 1.69 74 P Pn 07 04 35.5 +0.4 07 04 35.0 +1.0 07 04 35.0 +0.5 07 04 35.0 +0.5

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h, m, s, ISC, P, Pg, S, Sg, AML, AML, P, Pn, Sn. Includes stations like Delphi, Kaitihea, KALE, etc.

Table with columns: comp, N, Δ, μm, 0.4s, P, Pg, S, Sg, AML, AML, P, Pn, Sn. Includes stations like NEO, VLX, SKIA, etc.

Table with columns: FSK, Fiskardo, 1.50 272, P, Pn, Sn, 07 04 32.1 -0.3, 07 04 55.0 +3.0. Includes stations like Fiskardo, Valsamata, Keri, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, ISC, and other parameters. Includes stations like ZALV Zalesovo Beam, SONMI Songino Array, etc.

NNC 17 07:12:38.6-1.4, 50.002N-78.71E, h0km, mb3.2, mpv2.9, Error ellipse: s-maj=2.1km s-min=3.6km az=74.0, Suspected Mining explosion.

ASRS 17 07:12:44.0-0.8, 50.1N-79.7E, h10km, MLh3.5/6, smi:org.gfz-potsdam.de/geofon/LOCSAT earthModelID smi:org.gfz-potsdam.de/geofon/lab confirmed

ISC 17 07:12:38.8-1.4, 50.008N-0.005E-78.66E, 0.07, h0km, n10, 180/25, 5C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, ISC, and other parameters. Includes stations like KURBB Kurchatov Arra, KURK Kurchatov, etc.

IDC 17 07:28:38.7-0.5, 11.405Sx162.45E, h0km, mb4.6/17, mb1.4/720, mb1mx4.6/30, mbmp4.6/20, ML4.5/2, MS4.0/20, Ms1.4/0.20, ms1mx3.9/35, Error ellipse: s-maj=19.1km s-min=16.1km az=93.0

NEIC 17 07:28:39.1-2.4, 11.545S-0.07-162.55E, 0.08, h10km, 1km, mb5.0/81, Error ellipse: s-maj=14.3km s-min=9.6km az=51.0

BUI 17 07:28:40.5-0.0, 11.295S-162.96E, h33km, mb5.1/41, mb5.0/59, Ms4.8/24, Ms7.4/5/24

GCMT 17 07:28:44.1-0.2, 11.445S-0.01-162.37E, 0.01, h33km, MW5.1/111, Moment Tensor Solution. s69,c93; s111,c168; Duration: 0 Moment tensor: Scale 1016Nm; Mn1.97e-16; Mw-2.35e-12; Ms0.38e-12; Mn2.20e-15; Mw4.75e-10; Mr1.85e-15; Best double couple; Ms5.96600e+1016; NP1.3e-36; 822.00000; 1.157.00000; NP2e-88.00000; 870.00000; A30.00000; Principal axes: T: 5.9480, Plg35.0000; Azm309.0000; N: 0.0380, Plg54.0000; Azm118.0000; P: -5.9850, Plg5.0000; Azm216.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 17 07:28:43.6-0.3, 11.535S-0.05-162.47E, 0.05, h39km, n205, c1545/207, mb4.9/61, MS4.2/27, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, ISC, and other parameters. Includes stations like HNR Honiara, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, ISC, and other parameters. Includes stations like AS31 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, ISC, and other parameters. Includes stations like CHTO Chiang Mai, HHC Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HCY Herceg Novi, SLES Sjenica, DIVS Divibare, etc.

IDC 17 07:42:52.8:3.0, 1.39S:125.89E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/39, mbtmp3.3/3, Error ellipse: s-maj=41.4km s-min=28.3km az=64.0, Southern Molucca Sea

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.

IDC 17 07:54:01.4:0.6, 6.80S:155.02E, h0km, mb4.1/11, mb1 4.3/14, mb1mx4.1/40, mbtmp4.1/14, ML3.5/3, MS3.3/2, Ms1 3.3/2, ms1mx2.7/36, Error ellipse: s-maj=19.5km s-min=17.8km az=116.0

NEIC 17 07:54:06.3:1.3, 6.82S:0.09:154.32E:0.018, h35km, 1km, mb4.3/20, Error ellipse: s-maj=16.9km s-min=11.5km az=27.0

ISC 17 07:54:06.9:0.5, 6.81S:0.07:155.00E:0.07, h41km, n64, r1510/61, mb4.2/21, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VVDA Vanda, ODAN Odare, RAMN Ramate, etc.

UCR 17 08:02:48.7:1.3, 12.84N:88.67W, h46km, 16km, ML3.6 SNET 17 08:02:48.6:1.2, 12.84N:88.67W, h47km, 15km, ML3.6

ISC 17 08:02:49.0:2.5, 12.88N:0.11:88.68W:0.06, h45km, 22km, n35, r0560/53, Off coast of Central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ALJI Alcaldia de J, JUCU Jucuarjn, etc.

TRN 17 08:10:45.5, 11.05N:60.04W, h53km, MD3.6, Windward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOSP Speyside, TRN Trinidad (W), etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GRGR Grenville, GCMP Grenada, Carri, etc.

KEA 17 08:19:45.0:0.0, 40.160N:122.366E, h0km, ML3.5/6, Northeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SUJ Sinuiju, PYS Pyongsong, etc.

IDC 17 08:21:09.9:0.7, 11.67S:162.02E, h0km, mb4.3/15, mb1 4.4/18, mb1mx4.3/40, mbtmp4.3/18, ML3.9/3, MS3.5/10, Ms1 1.3/5.10, ms1mx3.2/42, Error ellipse: s-maj=20.5km s-min=17.9km az=94.0

NEIC 17 08:21:14.3:1.8, 11.71S:0.07:161.9E:0.1, h25km, 4km, mb4.7/24, Error ellipse: s-maj=18.7km s-min=3.8km az=57.0

ISC 17 08:21:11.7:0.5, 11.71S:0.06:161.96E:0.09, h10km, n73, r1542/67, mb4.5/28, MS3.6/8, Bougainville-Solomon Islands region

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

CTA Charters Tower 17.24 239 P Pn 08 25 13.8 +1.1

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR, PFO, EPYK, J08A, R11A, MKAR, ELK, NRK, YKA, LPAZ, AKASG, CPUP, CNB2, NOA, GERES, KEST, KEST, ESCD, MTE.

NIED 17 08:23:00, 33.00N, 130.30E, h3km, Mw3.4 Best double couple: M=1.55000e+10, NP1=1.900000e+05, S5=0.00000e+00, L=1.280000e+00, NP2=3.170000e+00, S5=0.00000e+00, L=4.900000e+00

JMA 17 08:23:51.5, 33.00N, 130.34E, h12km, Mw3.6, 2C-2D Broadband fault plane solution: P waves, NP1: P=3.270000e+09, S=4.00000e+00, NP2: P=1.850000e+09, S=1.190000e+00, Principal axes: T=1.680000e+09, Azm=166.0000, N=1.620000e+09, Azm=348.0000, P=1.610000e+09, Azm=258.0000; Kyushu 17 08:26:36.3, 1.5, 7.28S, 0.04x155.0E, 0.1, h35km, 2km, mb4.5/25, Error ellipse: s-maj=20.4km s-min=4.2km az=106.0

ISC 17 08:26:35.3, 0.7, 7.24S, 0.08x155.2E, 0.1, h31km, n47, 0.1234/3, mb4.4/20, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JTA, JTA, JUR, JUR, JFI, JFI, JIU3, JIU3.

IDC 17 08:26:29.9, 1.4, 7.34S, 155.31E, h0km, mb3.9/7, mb1 4.2/9, mb1mx3.9/37, mbtmp.4/0.9, ML3.2/2, MS2.9/1, Ms1 2.9/1, ms1mx2.6/27 Error ellipse: s-maj=42.4km s-min=23.1km az=130.0

NEIC 17 08:26:36.3, 1.5, 7.28S, 0.04x155.0E, 0.1, h35km, 2km, mb4.5/25, Error ellipse: s-maj=20.4km s-min=4.2km az=106.0

ISC 17 08:26:35.3, 0.7, 7.24S, 0.08x155.2E, 0.1, h31km, n47, 0.1234/3, mb4.4/20, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL, KRVT, KRVT, PMG, PMG, PATS, CTA, ARMA, ARMA, WR0, WR0, WRAB, WR0, WRA, WRA, MTN, MTN, AS31, ASAR, ASAR, KNRA, KNRA, FITZ, FITZ, CMAR, CMAR, SONM, SONM, SONM, SUA, R01, PMR, PMR, GHO, GHO, KTH, KTH, TRF, TRF, IMAR, MCK, MLY, DHY, DHY, QSPA, HDA, HDA, MCARA, MCARA, BALM, IL3, ILAR, ILAR, MKAR, MKAR, MKAR, BCAR, BCAR, TOLK, TOLK, TOLK.

comp=Z, 2.3nm, 0.7s BMAR Burnt Mountain 85.73 20 P P 08 39 12.2 +1.2 YKA Yellowknife Ar 96.48 28 P P 08 40 01.9 +0.6 TORO Torodi Ar 153.24 285 PKPbc PKPbc 08 46 30.2 -1.1

NNC 17 08:39:28.6, 3.0, 54.02N, 87.38E, h0km, mb3.0, mpv2.8, Error ellipse: s-maj=27.0km s-min=15.2km az=16.0, Suspected Mining explosion. IDC 17 08:39:29.6, 3.2, 54.20N, 87.35E, h0km, mb1 2.9/2, mb1mx2.8/42, mbtmp.9/2, ML2.7/2, Error ellipse: s-maj=27.7km s-min=18.6km az=51.0

ISC 17 08:39:28.4, 5.4, 54.4N, 0.2, 87.1E, 0.2, h0km, n7, 0.1939/9, 3C-5D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU, ZAAO, ZAAO, ZALV, ZALV, KURK, KURK, KURK, KURRB, KURRB, KURRB, KURRB, KURRB, MKAR, MKAR.

IDC 17 08:49:03.1, 1.5, 7.26S, 155.37E, h0km, mb3.8/6, mb1 4.1/8, mb1mx3.8/39, mbtmp.3/9.8, ML3.2/1, MS4.6/1, Ms1 4.6/1, ms1mx2.7/30, Error ellipse: s-maj=44.4km s-min=23.7km az=132.0

NEIC 17 08:49:07.6, 0.7, 7.43S, 0.08x155.5E, 0.1, h35km, 2km, mb4.3/6, Error ellipse: s-maj=20.5km s-min=12.8km az=72.0

ISC 17 08:49:08.4, 1.0, 7.25S, 0.1, 155.3E, 0.1, h35km, n23, 0.092/20, mb4.0/10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT, KRVT, PMG, PMG, WR0, WR0, WB0, WB0, WRA, WRA, AS31, ASAR, ASAR, ASAR, H1S3, H1S3, H1S2, H1S1, FITZ, FITZ, URZ, CMAR, CMAR, QSPA, ILAR, ILAR, MKAR, MKAR, YKA, YKA.

IDC 17 09:10:13.8, 3.5, 32.06S, 177.20W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.6/30, mbtmp.3/7.3, ML3.2/1, Error ellipse: s-maj=81.6km s-min=38.7km az=118.0, South of Kermadec Islands

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

TAP 17 09:19:41.0, 23.95N, 122.53E, h26km, 1km, ML3.0, D JMA 17 09:19:41.0, 0.3, 23.96N, 122.51E, h21km, 4km, M2.2

ISC 17 09:19:39.9, 1.2, 23.86N, 0.02, 122.55E, 0.02, h19km, 3km, n69, 0.0560/127, 3C-3D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYNG, JYNG, YOJ, YOJ, EOS1, EOS1, TWD, TWD, NACB, NACB, TWC, TWC, TWC, ETLH, ETLH, EGFH, EGFH, HGSD, HGSD.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HGSD, HATJ, HATJ, IRIF, IRIF, TWE, TWE, TWE, ENT, ENT, ENT, NTC, NTC, NDT, NDT, NDT, NNSH, NNSH, NNSH, NNSB, NNSB, NNSB, WHF, WHF, WHF, NNS, NNS, NNS, YULB, YULB, YULB, TWF1, TWF1, OWD, OWD, OWD, TIPB, TIPB, TIPB, VVWD, VVWD, VVWD, NWLT, NWLT, NWLT, CHKT, CHKT, CHKT, FULB, FULB, FULB, FULB, YHNB, YHNB, YHNB, NSK, NSK, NSK, JKRS, JKRS, NWF, NWF, NWF, WFSB, WFSB, WFSB, TWA, TWA, TWA, SSSL, SSSL, SSSL, DPDB, DPDB, DPDB, TWH, TWH, TWH, SMLT, SMLT, SMLT, WHP, WHP, WHP, JIJ, JIJ, TYC, TYC, TYC, ELDTW, ELDTW, YMO1, YMO1, YMO1, YMO1, YMO1, YMO5, YMO5, YMO4, YMO4, YMO4, LIOB, LIOB, NSTT, NSTT, NSTT, ALS, ALS, ALS, TWY, TWY, TWY, TWQ1, TWQ1, TWQ1, TWG, TWG, TWG, WNT, WNT, WNT, JISG, JISG, JISG, STYT, STYT, STYT.

17d 11h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, KURK Kurchatov, etc.

THE 17 10:55:03.7, 42.42'N, 23.36'E, h6km, 20km, ML2.4/2, Error ellipse: s-maj=23.4km, s-min=1.5km, az=8.0

BEO 17 10:55:03.8, 0.6, 42.45'N, 23.41'E, h7km, 2km, ML2.2/6 SKO 17 10:55:04.1, 42.44'N, 23.40'E, h2km

ISC 17 10:55:03.0, 1.1, 42.45'N, 0.02, 23.43'E, 0.04, h7km, 9km, n25, c0579/42, 10C-5D, Bulgaria

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like VTS Vitosh, BOSS Bosilegrad, ZAPS Zavoj, etc.

IDC 17 10:57:18.9, 1.4, 20.33'S, 68.45'W, h124km, 18km, mb3.0/2, mb1 3.0/5, mb1mx2.9/30, mbtmp3.3/5, Error ellipse: s-maj=44.0km, s-min=15.8km, az=106.0

GUC 17 10:57:18.0, 0.8, 20.27'S, 68.95'W, h108km, 4km, ML3.6 ISC 17 10:57:17.5, 1.0, 20.24'S, 0.04, 68.92'W, 0.08, h113km, 8km, n16, c1925/27, 6C-3D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PB08 IPOC Station P, G001 Chuzmisia, PB11 IPOC Station P, etc.

IDC 17 10:57:52.1, 1.9, 19.61'S, 70.64'W, h0km, mb3.7/2, mb1 3.8/4, mb1mx3.5/31, mbtmp3.6/4, ML3.4/2, MS2.8/1, Ms1 2.8/1, ms1mx2.3/25, Error ellipse: s-maj=55.0km, s-min=37.1km, az=58.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like LVC Limon Verde, LPAZ La Paz, SIV San Ignacio, etc.

IDC 17 10:59:53.2, 1.3, 35.81'N, 133.13'E, h0km, mb3.7/6, mb1 3.7/8, mb1mx3.4/50, mbtmp3.6/8, ML3.3/2, MS2.9/3, Ms1 2.9/3, ms1mx2.3/49, Error ellipse: s-maj=26.4km, s-min=21.6km, az=36.0

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ATH 17 11:00:00.4, 35.49'N, 23.43'E, h48km, 2km, ML3.1/12, Error ellipse: s-maj=2.8km, s-min=0.9km, az=202.0

THE 17 11:00:01.8, 35.45'N, 23.36'E, h26km, 1km, ML3.0/12, Error ellipse: s-maj=2.2km, s-min=0.9km, az=55.0

ISC 17 10:59:59.0, 9.35, 46'N, 0.04, 23.40'E, 0.05, h45km, 7km, n70, c1918/88, mb3.6/6, Crete

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ROPD Rodopos, KNDR Palaiochora Ch, ANKY Antikythira Is, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like GVD Gavdos, KTHR Kythira, PRNS Prines Rethymm, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SIVA Sivas, MNVA Monemvasia, VLI Velia, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MHLO Agia Marina, M, MHLO Agia Marina, M, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like THRS Thra Island, THRE Thra Island, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PDL Pylos, DID Didima, DID Didima, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like U32A Winter Ranch, ADOK Arcadia Dam, ADOK Arcadia Dam, etc.

ISC 17 11:50:08.0, 1.4, 36.69'N, 0.03, 98.16'W, 0.04, h2km, 1km, n44, c1918/49, Oklahoma

1226

GEYT Alikebe 27.85 75 LR LR 11 08 05.4 comp=E, 2.7nm, 18.8s, baz=15, slow=39

TORD Torodi Arr. Bea 29.62 227 P 11 05 60.0 -0.9 comp=E, 0.3nm, 0.4s, baz=44, slow=7.0, SNR=3.7

ARCS ARCS Array B 34.15 1 P P 11 06 35.8 -4.3 comp=E, 2.0nm, 0.8s, baz=186, slow=7.2, SNR=1.5

MKAR Makanchi Array 44.81 57 P P 11 08 08.2 -0.9 comp=E, 0.4nm, 0.5s, baz=271, slow=8.3, SNR=6.8

YKA Yellowknife Arr 76.71 341 P P 11 11 45.2 -0.6 comp=E, 0.2nm, 0.6s, baz=36, slow=5.5, SNR=4.0

DAV Davo City (W) 95.76 77 LR LR 12 01 02.6 comp=E, 1.1nm, 19.3s, baz=335, slow=38

NIED 17 11:01:00.38, 30'N, 142.10'E, h29km, Mw3.4 Best double couple: M1 25000x1014, NP1, 125.00000, 366.00000, 7.50, 0.00000, NP2, 240.00000, 946.00000, 1.146, 0.00000

JMA 17 11:01:47.7, 0.1, 38.35'N, 142.12'E, h37km, 1km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like JIKH Ishinomakikobu, JIO Ouri, JKM Kesenumamotoy, etc.

EAF 17 11:23:50.2, 1.0, 25.98'S, 29.10'E, h0km, 14km, MD3.7 BUL 17 11:23:51.4, 1.3, 25.99'S, 29.13'E, h0km, 15km, MD4.0

NAM 17 11:23:51.4, 1.1, 3.25, 99'S, 29.13'E, h0km, 15km, MD4.0, South Africa

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

IDC 17 11:48:22.6, 1.1, 2.40'S, 140.08'E, h0km, mb3.6/4, mb1 4.0/5, mb1mx3.6/39, mbtmp3.7/5, ML3.7/1, Error ellipse: s-maj=25.7km, s-min=14.0km, az=6.0

DJA 17 11:48:25.8, 0.6, 2.5'S, 140.08'E, h15km, 8km, M3.6/4, ML3.6/4

ISC 17 11:48:26.1, 0.8, 2.55'S, 0.09, 140.04'E, 0.05, h25km, n10, c1974/14, mb3.8/3, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like GENI Genyem, JAY Jayapura, JAY Jayapura, etc.

IDC 17 11:50:05.4, 2.0, 36.91'N, 98.09'W, h0km, mb1 3.5/4, mb1mx3.2/44, mbtmp3.2/4, ML3.6/3, Error ellipse: s-maj=35.6km, s-min=13.1km, az=103.0

TUL 17 11:50:07.6, 2.1, 36.68'N, 0.01, 98.22'W, 0.03, h3km, 6km, ML3.6, Error ellipse: s-maj=3.4km, s-min=0.7km, az=61.0

NEIC 17 11:50:08.6, 1.9, 36.66'N, 0.01, 98.15'W, 0.03, h5km, 1km, Error ellipse: s-maj=4.2km, s-min=2.9km, az=293.0

ISC 17 11:50:08.0, 1.4, 36.69'N, 0.03, 98.16'W, 0.04, h2km, 1km, n44, c1918/49, Oklahoma

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like U32A Winter Ranch, ADOK Arcadia Dam, ADOK Arcadia Dam, etc.

17D 13h

Table with columns: HTY, Haines Junction, 5.52, 78, Pn, Pn, 12 31 58.5, -0.4

IDC 17 12:46:42.2, 2.2, 8.23S, 123.03E, h0km, mb3.4/1, mb1 3.6/3, mb1mx3.3/3.1, mbmp3.4/3, ML3.2/2, MS3.4/3, Ms1 3.4/3, ms1mx2.9/1.7, Error ellipse: s-maj=278.5km s-min=32.0km az=56.0, Flores region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC

NEIC 17 13:03:04.0, 2.0, 7.82S, 0.07x117.49E, 0.06, h27km, 4km, mb5.0/7.2, Error ellipse: s-maj=10.4km s-min=9.0km az=175.0

MOS 17 13:03:04.5, 1.1, 7.69S, 117.46E, h292km, mb5.0/4.6, Error ellipse: s-maj=8.3km s-min=5.6km az=102.4

KLM 17 13:03:04.0, 7.91S, 117.59E, h281km, mb5.1, IDC 17 13:03:04.0, 4.0, 8.76S, 117.52E, h278km, mb4.5/3.1, mb1 4.6/3.5, mb1mx4.5/4.5, mbtmp5.1/3.5, Error ellipse: s-maj=8.1km s-min=7.0km az=76.0

DJA 17 13:03:04.6, 0.1, 8.52x11.8E, h270km, 1km, M4, 77.5, mb5.0/7.5, mb5.2/4.8, MLV5.3/2.6, Mw(mb)4.6/4.8, Mwps.4/4

ISC 17 13:03:04.0, 4.0, 5.78S, 0.04x117.49E, 0.04, h282km, 4km, n661, 019/04/646, mb5.0/113, 33C-4D, Bali Sea

Main table for 17D 13h with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC

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Main table for 2014 APR with columns: KSI, Kapahiang, 15.39, 285, P, Pn, 13 06 27.5, -0.7

1228

Main table for 1228 with columns: PALK, Pallekele, 39.63, 291, P, P, 13 10 08.6, -1.0

Mse 1.85; Msw 2.00; Mm0.78; Msw2.61; Mm0.06; Fault plane solution: M3.34000...107° N1P1s=109.0000°, S84.0000°, 13.0000°; NP2s=18.0000°, S77.0000°, 17.40000°; Principal axes: T 3.3331, Plg13.0000°, Azm334.0000°; N 0.0122, Plg76.0000°, Azm132.0000°; P -3.3453, Plg5.0000°, Azm243.0000°;

ISC 17 13:10:05.0.3,54.985s.0.09,129.44W.0.07,h10km, n161,e1946/131,m5.1/37,M55.1/33.1C, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

17d 14h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like GRNC Granite Creek, WRH Wood River Hill, MLY Manley, etc.

IDC 17 14:04:52.6:1.2, 19.95S:71.14W, h0km, mb4.0/7, mb1 4.1/9, mb1mx3.8/20, mbtmp4.0/9, ML3.72, MS2.72, MS1 2.72, ms1mx2.6/28, EOR ellipse: s-maj=31.4km s-min=16.4km az=75.0

NEIC 17 14:04:55.7, 20.01S:71.13W, h19km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mrr1.54, Mtt0.14, Mtt-1.63, Mtt-0.08, Mtt0.45, Mtt0.35, Fault plane solution: Ms1 7.1000-1015, NP1a346.84000, 5.51.13000, 1.89.88000, NP2a167.04000, 3.38.87000, 1.90.15000. Principal axes: T 1.5811, P1g4.0000, Azm256.0000, N 0.2419, Plg0.0000, Azm347.0000, P -1.8230, Plg6.0000, O 0.4279, Plg7.0000.

NEIC 17 14:04:56.1, 20.00S:0.05:71.08W:0.07, h18km, 5km, mb4.0/3, Mwr4.1/40, EOR ellipse: s-maj=10.5km s-min=6.4km az=116.0

GUC 17 14:04:57.9:0.8, 19.97S:70.95W, h41km, 2km, ML3.9 ISC 17 14:04:55.9:1.9, 19.93S:0.04:71.13W:0.06, h23km, 10km, Chf6, e118/62, mb4.3/7, 9C-2D, Of coast of northern Chile

Main station list table for the 17d 14h region, including stations like TA02 Huaquiique, PSGC Pisagua, PATCX Punta Patache, etc.

2014 APR

ellipse: s-maj=63.9km s-min=48.6km az=18.0 GUC 17 14:14:32.5:0.8, 32.06S:69.67W, h143km, 7km, ML3.8 ISC 17 14:14:34.3:1.2, 32.06S:0.05:69.6W:0.2, h131km, 11km, n19, e078/30, 9C-1D, Mendoza Province

Station list table for the 2014 APR region, including stations like VA03 San Esteban, CO04 Los Peladeros, FCH Farellones, etc.

IDC 17 14:15:43.2:0.7, 37.57N:141.91E, h0km, mb3.7/12, mb1 3.9/16, mb1mx3.8/60, mbtmp3.7/16, ML3.3/4, EOR ellipse: s-maj=19.4km s-min=15.0km az=117.0

JMA 17 14:15:45.2:0.1, 37.61N:141.95E, h29km, 2km, M4.2 NEIC 17 14:15:46.1:2.6, 37.49N:0.06:142.2E:0.1, h27km, 3km, mb4.1/6, EOR ellipse: s-maj=13.2km s-min=7.8km az=104.0

ISC 17 14:15:42.9:1.6, 37.54N:0.04:141.97E:0.05, h2km, 10km, n59, e187/65, mb3.8/15, Near east coast of eastern Honshu

Main station list table for the 2014 APR region, including stations like JMKH Ishinomakikobu, JMTS Minamisumato, JJK Kawachi, etc.

1234

Station list table for the 1234 region, including stations like KURK Kurchatov, RSO Redoubt South, ILAR Eliazon Array, etc.

IDC 17 14:21:49.1:4.3, 15.18S:176.26W, h0km, mb3.7/3, mb1 4.1/3, mb1mx3.6/31, mbtmp3.7/3, MS3.8/3, MS1 3.8/3, s-min=33.2km az=151.0, Fil Islands region

Station list table for the 1234 region, including stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, etc.

DRS 17 14:24:38.0:0.0, 40.50N:46.41E, h15km AZER 17 14:24:40.7, 40.65N:46.74E, h11km, ML3.4 IDC 17 14:24:40.9:4.1, 40.35N:47.08E, h0km, mb3.6/5, mb1 3.6/7, mb1mx3.4/42, mbtmp3.6/7, ML2.9/2, MS3.4/1, MS1 3.4/1, ms1mx2.8/37, EOR ellipse: s-maj=81.9km s-min=14.1km az=26.0

TIF 17 14:24:42.0, 40.63N:46.77E, h20km, 1km MOH 17 14:24:42.6:0.0, 40.83N:46.70E, h2km, MPVA3.9 NSCP 17 14:24:42.3, 40.63N:46.77E, h12km, MS3.4 DDA 17 14:24:42.2, 40.55N:46.90E, h22km, 2km, ML3.2 NORS 17 14:24:44.3:0.0, 40.70N:46.82E, h10km, MPVA4.0 ISC 17 14:24:42.1:1.0, 40.64N:0.01:46.77E:0.01, h10km, 8km, n144, e141/220, mb3.9/3, 1C-5D, Eastern Caucasus

Main station list table for the 1234 region, including stations like MNGR Mingechevir, GANJ Ganja, BRDA Brd, etc.

Table with columns: Name, SNR, Az, El, P, S, I, A, M, L, Time, Res. Includes stations like QUBA, KMKR, SBZ, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like IPRN, IALA, ISHM, etc.

Table with columns: Name, SNR, Az, El, P, S, I, A, M, L, Time, Res. Includes stations like HNR, DZM, TARA, etc.

FAKI	Fak Fak	41.28 195	P	P	14 51 44.0 +0.6
FAKI	Fak Fak	41.28 195	P	P	14 51 43.5 +0.1
MRSI	Marisa	41.32 212	P	P	14 51 45.1 +1.3
CHTO	Chiung Mai	42.00 256	P	P	14 51 49.1 -0.4
SDPT	Sand Point	42.03 46	I	Amb	14 51 48.6 -0.6
SDPT					14 51 49.5
ZAAO	Zalesovo Array	42.04 312	P	P	14 51 49.6 +0.3
ZALV	Zalesovo Beam	42.04 312	P	P	14 51 49.6 +0.3
ZALV					14 53 43.2 -0.6
ZALV					14 51 49.5 +0.2
ZALV					14 53 44.2 +0.4
CMAR	Chiung Mai Arr	42.21 255	P	P	14 51 51.6 +0.5
CMAR					15 10 44.5
CMAR					14 51 52.1 +1.0
MSAI	Masohi	42.48 200	P	P	14 51 54.4 +1.1
ZSN	Zaisan	42.53 302	eP	P	14 51 54.1 +0.6
ZSN					14 58 15.3 +1.3
ZSN					14 51 54.1 +0.6
ZSN					14 58 15.3 +1.3
ZSN					14 58 15.3 +1.3
CNSA	Chernura Isl	42.54 47	P	P	14 51 53.2 -0.1
APBA	Ampana	42.70 211	P	P	14 51 55.1 +0.1
LSA	Lhasa	42.77 275	P	P	14 51 58.3 +2.2
RDOG	Red Dog Mine	42.80 27	P	P	14 51 56.7 +1.4
RDOG					14 51 58.0
AAI	Ambon	43.01 201	P	P	14 51 58.5 +0.9
NRK	Norilsk	43.08 335	P	P	14 51 57.1 -0.5
NRK					14 53 47.4 +0.3
NRK					14 51 57.1 -0.5
NRK					14 53 47.4 +0.3
BNDI	Bandanaira	43.36 198	P	P	14 52 00.5 +0.1
BNDI					14 52 00.5 +0.1
MK31	Makanchi Array	44.38 302	iP	P	14 52 08.2 -0.2
MK31					14 52 08.7 +0.3
MKAR	Makanchi Array	44.38 302	P	P	14 52 08.3 0.0
MAKZ	Makanchi	44.59 302	P	P	14 52 09.7 -0.3
MAKZ					14 52 10.3 +0.3
TTA	Tatalina	44.68 35	P	P	14 52 11.8 +1.2
SVW2	Sparrevohn	44.77 38	P	P	14 52 11.6 +0.4
SVW2					14 52 14.3
SEM	Semipalatinsk	45.13 307	eP	S	14 52 12.7 -1.8
SEM					14 58 49.8 -2.4
SEM					14 52 12.7 -1.8
SEM					14 58 49.8 -2.4
IMAR	Imian Moutai	45.92 31	P	P	14 52 21.7 +1.4
CHAK	Old Harbor	45.99 43	I	Amb	14 52 20.8 -0.1
CHAK					14 52 22.1
KURK	Kurchatov	46.11 308	dIP	P	14 52 21.6 -0.4
KURK					14 52 22.0 0.0
KURK					14 52 24.0 +1.6
RSO	Redoubt South	46.15 39	P	P	14 52 22.0 -0.6
KURB	Kurchatov Arra	46.18 308	P	P	14 52 25.8 +2.5
SPSI	Sidrap Island	46.23 212	P	P	14 52 24.5 +0.8
KDKA	Kodiak Island	46.33 42	P	P	14 52 26.2 +1.7
PPLA	Purkeypile	46.42 35	P	P	14 52 26.5 +1.2
BNSI	Bone	46.49 211	P	P	14 52 25.7 -0.1
TAPN	Taplejung	46.51 274	eP	P	14 52 25.7 -0.1
SKT	Skwentna	46.72 36	P	P	14 52 28.2 +1.5
PMG	Port Moresby	46.91 173	iP	P	14 52 27.3 -1.3
PMG					14 52 28.3 -0.1
CNPM	China Poot	46.94 40	I	Amb	14 52 27.0 -1.3
CNPM					14 52 27.0 -1.3
BPWF	Bear Paw Mtn.	46.98 34	P	P	14 52 29.9 +1.2
ODAN	Odare	46.99 274	eP	P	14 52 29.2 -0.3
KTH	Kantishna Hill	47.01 34	P	P	14 52 30.6 +1.7
KTH					14 52 31.6
BRLK	Bradley Lake	47.10 39	P	P	14 52 29.4 -0.2
BRLK					14 52 32.1
MLY	Manley	47.12 32	P	P	14 52 31.4 +1.7
MLY					14 52 32.5
SHLS	Shalkode	47.15 297	eP	P	14 52 27.4 -3.1
SHLS					14 52 27.3 -3.1
KAPI	Kappang	47.19 211	P	P	14 52 32.6 +1.8
TRF	Thorofare Moun	47.29 34	P	P	14 52 32.2 +0.9
TRF					14 52 34.1
UZB	Uzynbulak	47.46 298	eP	P	14 52 32.8 -0.2
UZB					14 52 32.7 -0.2
RAMN	Ramite	47.57 274	eP	P	14 52 34.0 -0.1
JIRN	Jiri	47.58 275	eP	P	14 52 34.3 +0.1
RC01	Rabbit Creek A	47.61 38	P	P	14 52 34.1 +0.5
RC01					14 52 35.1
KPKS	Kokpek	47.61 298	eP	P	14 52 33.0 -1.0
KPKS					14 52 33.0 -1.0
GUN	Gumba	47.71 276	eP	P	14 52 35.2 0.0
TOLK	Toolik Lake Re	47.76 27	P	P	14 52 36.1 +1.4
SEW	Seward	47.80 39	P	P	14 52 35.5 +0.5
SEW					14 52 40.4
NEA	Nenana	47.82 33	P	P	14 52 36.6 +1.5
NEA					14 52 37.8
PMR	Palmer	47.87 37	P	P	14 52 36.3 +0.7
PMR					14 52 37.6
MCK	McKinley	47.89 34	P	P	14 52 36.5 +0.8
MCK					14 52 37.6
SATY	Saty	47.92 298	eP	P	14 52 35.5 -0.9
SATY					14 52 35.5 -0.9
RND	Reindeer	47.94 34	P	P	14 52 36.8 +0.7
RND					14 52 37.7
GHO	Glory Hole Cre	47.96 37	P	P	14 52 37.4 +1.0
MDM	Murphy Dome	48.18 32	P	P	14 52 39.2 +1.2
KNK	Knik Glacier	48.20 37	P	P	14 52 39.2 +1.0
KNK					14 52 40.1
PKI	Pulchoki	48.24 275	eP	P	14 52 38.5 -0.8
KKN	Kakani	48.24 276	eP	P	14 52 39.0 -0.2
SML	Sawmill	48.24 37	P	P	14 52 39.3 +0.8
SML					14 52 40.5
PKIN	Phulchoki	48.24 275	eP	P	14 52 38.7 -0.6
WRH	Wood River Hill	48.25 33	P	P	14 52 39.5 +1.1
WRH					14 52 40.6
TCOL	CIGO, UAF Yank	48.34 32	P	P	14 52 40.5 +1.4
DMN	Daman	48.46 276	eP	P	14 52 40.2 -0.7
POKR	Poker Plat Res	48.52 32	P	P	14 52 42.2 +1.6
GKN	Gorkha	48.65 276	eP	P	14 52 42.2 -0.1
SCM	Sheep Creek Mo	48.82 37	I	Amb	14 52 44.3
HDA	Harding Lake	48.74 33	P	P	14 52 42.5 +0.2

HDA	Harding Lake	48.74 33	I	Amb	14 52 43.7
IL31	Harding Lake	48.76 33	I	Amb	14 52 43.9
ILAR	Harding Lake	48.76 33	I	Amb	14 52 42.9 +0.5
ILAR					14 52 43.3 +0.9
IMDK	Medeo	48.84 298	eP	P	14 52 43.5 -0.1
IMDK					14 52 43.5 -0.1
GLDK	Medeo	48.84 298	eP	P	14 52 43.8
GLDK					14 52 44.5
KUU	Kurly	49.13 299	eP	P	14 52 44.0 -1.6
KUU					14 52 44.0 -1.6
DANN	Dangsing	49.19 277	eP	P	14 52 46.7 +0.1
FID	Fort Fidalgo	49.22 38	I	Amb	14 52 47.9
PRP	Porcupine Dome	49.30 32	I	Amb	14 52 49.1
FYU	Fort Yukon	49.38 30	I	Amb	14 52 49.9
MMRI	Maumere	49.56 206	P	P	14 52 52.4 +3.3
EMAR	Ende, Flores	49.60 38	I	Amb	14 52 50.9
BYAK	Burnt Mountain	49.61 29	P	P	14 52 51.4 +2.4
EDFI	Ende, Flores	49.66 207	P	P	14 52 53.8 +2.3
TKM2	Tokmak	49.93 298	P	P	14 52 52.1 +0.1
BRZS	Berezinski	49.99 308	eP	P	14 52 50.1 -1.9
BRZS					14 52 50.9 -1.1
MENT	Mentasta	50.29 35	I	Amb	14 52 59.3
BTLS	Baital	50.38 301	eP	P	14 52 54.0 -1.1
BTLS					14 52 53.9 -1.1
BTLS					14 52 57.9
BLVK	Borovoye	50.75 312	P	P	14 52 56.4 -1.3
BRVK	Borovoye	50.75 312	P	P	14 52 57.9 +0.2
KSH	Koshi	50.76 294	P	P	14 53 02.8 +4.6
KSH					14 53 12.2 -2.3
KSH					14 53 17.4 +1.1
KSH					15 00 13.9 +1.8
KSH					14 52 50.0 +2.5
KSH					14 52 11.0 nm, 4.4s
KSH					14 52 82.9 nm, 9.1s
KSH					14 52 11.0 nm, 10.3s
AAK	Ala-Archa	50.79 298	iP	P	14 52 58.2 -0.2
AAK					14 53 01.4
ICARA	McCarthy VSAT	50.81 37	I	Amb	14 53 01.2
CRQM	Cirque	50.84 38	I	Amb	14 53 01.2
TGL	Tana Glacier	50.99 38	I	Amb	14 53 02.1
BCAR	Beaver Creek A	51.15 35	P	P	14 53 02.4 +1.8
BALM	Baldy	51.19 37	I	Amb	14 53 02.8
BARN	Barnard Glacie	51.51 37	I	Amb	14 53 05.5
CTGM	Chitina Glacie	51.68 37	I	Amb	14 53 06.7
EPYK	Eagle Plains	52.80 30	P	P	14 53 14.5 +1.6
KK31	Karatay Array	53.41 300	iP	P	14 53 17.2 -0.5
KKAR	Karatay Array	53.41 300	P	P	14 53 17.9 +0.3
HYT	Haines Junction	53.55 37	I	Amb	14 53 22.1
JBG	Jabagly	53.62 299	eP	P	14 53 21.0 +1.6
INK	Inuvik	53.68 27	I	Amb	14 53 21.0
IUG	Iuzhny	54.07 299	eP	P	14 53 21.4 -1.3
IUG					14 53 21.3 -1.3
KNRA	Kunurra	54.04 196	P	P	14 53 24.7 -0.3
KNRA					14 53 32.8
GSI	Gumungtsitoli	54.57 239	P	P	14 53 24.8 -1.6
WHY	Whitarses	54.84 37	I	Amb	14 53 30.4
NIL	Nilore	54.00 288	P	P	14 53 30.7 +1.0
NIL					14 53 38.5
SVE	Sverdlovsk	55.19 319	eP	P	14 53 31.0 +0.7
SVE					14 53 34.6 +1.7
A36M	Sachs Harbour	55.58 22	P	P	14 53 37.5
JIS	Juneau Island	56.45 39	I	Amb	14 53 37.5
SOKR	Solikamsk	56.31 322	eP	P	14 53 44.4 -2.5
SOKR					14 53 39.1 +0.1
ARU	Arti	56.40 318	dIP	P	14 53 48.6 +1.0
ARU					14 54 33.2
ARU					14 53 42.0
ARU					15 01 29.6 +1.9
ARU					15 05 14.3 0.0
ARU					14 53 39.3 +0.3
C36M	Pauluk	56.40 318	P	P	14 53 42.5 +1.3
WB0	Warramunga Arr	57.45 189	P	P	14 53 46.5 -0.4
WB0					14 53 47.3
WRAB	Tennant Creek	57.62 189	dIP	P	14 53 46.6 -1.4
WRAB					14 53 48.0 -0.1
WR0	Warramunga Arr	57.62 189	P	P	14 53 48.5
WR0					14 53 47.9 -0.2
WB2	Warramunga Arr	57.63 189	P	P	14 53 48.5
WB2					14 53 47.8 -0.3
WRA	Warramunga Arr	57.63 189	P	P	14 53 46.1 -2.0
WRA					14 53 50.1 -0.1
ABKAR	Abkulak array	58.09 310	P	P	14 53 55.3 -0.8
AKTO	Aktuyubinsk	58.80 312	P	P	14 53 55.0 -1.7
HYB	Hyderabad	58.82 259	iP	P	14 54 08.0 0.0
NOR	Nord	60.60 357	iP	P	14 54 08.0 0.0
NOR					14 54 08.3 -0.5
PRGR	Permogore	60.69 327	eP	P	14 54 13.7 -0.1
PRGR					14 54 13.6 -0.2
AS31	Alice Springs	61.35 189	P	P	14 54 13.8 0.0
ASAR	Alice Springs	61.36 189	P	P	14 54 25.5 +0.6
ASAR					14 54 25.5 +0.6
YKA	Yellowknife Ar	63.08 30	P	P	14 54 25.5 +0.6
KLMR	Klimovskoe	63.67 328	eP	P	14 54 27.5 -1.3
KLMR					14 54 27.5 -1.3
KLMR					14 54 29.9
ARCES	ARCES Array B	63.76 339	P	P	14 54 29.7 +0.4
GEYT	Alibek	64.13 299	P	P	14 54 31.1 -0.4
GEYT					14 54 39.7 +0.2
DAG	Danmarks Havn	65.34 355	iP	P	14 54 39.7 +0.2
DAG					14 54 39.7 +0.2
D03D	Eldon	66.33 48	P	P	14 54 48.2 +1.9
B05A	Bryant	66.54 46	P	P	14 54 49.1 +1.5
E04D	Cinebar	67.13 48	P	P	14 54 53.3 +1.9

FURC	Furnace Creek, baz=307,SNR=14	76.29	55	P	P	14 55 48.0 +1.3
LRMC	Laurel Mtn Rad baz=306,SNR=11	76.34	56	P	P	14 55 48.2 +1.0
TPNV	Topopah Spring baz=307	76.40	54	P	P	14 55 48.9 +1.3
TPNV	Topopah Spring comp=Z,21nm,0.8s	76.40	54	Iamb	Iamb	14 55 49.8
SNCC	San Nicolas Is	76.42	59	P	P	14 55 48.9 +1.3
HWUT	Hardware Ranch baz=308	76.45	48	Iamb	Iamb	14 55 50.5
EDW2	Edwards Air Fo baz=306	76.49	56	P	P	14 55 49.2 +1.2
DUG	Dugway, Tooele baz=308	76.58	50	P	P	14 55 49.9 +1.4
DUG	Dugway, Tooele comp=Z,22nm,0.6s	76.58	50	Iamb	Iamb	14 55 51.0
BW06	Boulder Array baz=309	76.89	46	P	P	14 55 51.2 +0.8
BW06	Boulder Array comp=Z,17nm,0.7s	76.89	46	Iamb	Iamb	14 55 52.0
PD31	Pinedale Array comp=Z,15nm,0.7s	76.89	46	Iamb	Iamb	14 55 52.0
PDAR	Pinedale Array comp=Z,17nm,0.6s,baz=271,slow=1.8,SNR=198	76.89	46	P	P	14 55 51.1 +0.7
SHOC	Pinedale Array Shoshone, Teco baz=307	77.01	55	P	P	14 55 51.9 +1.1
GSC	Goldstone, Bar baz=307,SNR=8.9	77.02	55	P	P	14 55 52.0 +0.9
GSC	Goldstone, Bar comp=Z,14nm,1.0s	77.02	55	Iamb	Iamb	14 55 53.0
CIS	Catalina Islan baz=306	77.08	58	P	P	14 55 52.2 +0.9
BFSC	Mount Baldy Ra baz=307	77.09	57	P	P	14 55 52.4 +0.9
SC12	San Clemente I baz=306	77.24	58	P	P	14 55 53.3 +1.1
SHPR	Sheep Range comp=Z,15nm,0.9s	77.36	54	Iamb	Iamb	14 55 55.5
TUQ	Turquoise Moun baz=307	77.52	55	P	P	14 55 55.1 +1.2
BBRC	Big Bear Solar baz=307	77.57	56	P	P	14 55 55.3 +1.0
HEC	Hector, Ludlow baz=307	77.61	56	P	P	14 55 55.4 +1.1
MURC	Murrieta baz=307	77.78	57	P	P	14 55 56.1 +0.8
GMRC	Granite Mounta baz=308	78.08	55	P	P	14 55 58.1 +1.1
PFO	Pinyon Flats O baz=307	78.27	57	P	P	14 55 58.8 +0.7
109C	Camp Elliot, M baz=307	78.27	58	P	P	14 55 59.1 +1.2
BURAR	Bucovina Array 78.30 322 ↑P	78.30	322	↑P	↑P	14 55 58.9 +0.9
BURAR	Bucovina Array 78.30 322 ↑P	78.30	322	↑P	↑P	14 55 58.9 +0.9
BURAR	Bucovina Array 78.30 322 ↑P	78.30	322	↑P	↑P	14 55 58.6 +0.7
BELC	Belle Mtn. Jos baz=307	78.34	56	P	P	14 55 59.2 +0.8
TESR	Tescani 78.35 320 ↑P	78.35	320	↑P	↑P	14 55 58.8 +0.7
K22A	Casper 78.68 45	78.68	45	P	P	14 56 01.0 +0.8
MONP2	Monument Peak baz=307	78.72	57	P	P	14 56 01.6 +0.9
VRI	Vrincioaia 78.75 320 ↓P	78.75	320	↓P	↓P	14 56 02.2 +1.9
VRI	Vrincioaia 78.75 320 ↓P	78.75	320	↓P	↓P	14 56 02.2 +1.9
MLND	Madcock baz=314	78.76	37	P	P	14 56 01.3 +1.0
ULM	Lac du Bonnet comp=Z,16nm,0.8s,baz=315,slow=6.1,SNR=34	78.76	34	P	P	14 56 00.0 -0.3
ULM	Lac du Bonnet 78.76 34	78.76	34	Iamb	Iamb	14 56 01.5
KOLS	Kolonick sedl comp=Z,25nm,1.1s	78.78	324	eP	eP	14 56 01.3 +0.8
KOLS	Kolonick sedl 78.78 324 eP	78.78	324	eP	eP	14 56 01.3 +0.8
IRM	Iron Mountain baz=308	78.80	56	P	P	14 56 01.9 +1.0
BC3	Big Chuckwall baz=308	78.91	56	P	P	14 56 02.5 +0.9
RWWY	Rawlins 78.92 46	78.92	46	Iamb	Iamb	14 56 03.4
BR137	Reskin Array S comp=Z,19nm,0.8s	79.98	312	iP	iP	14 56 02.1 +0.2
BRTR	Reskin Array S 79.98 312 iP	79.98	312	iP	iP	14 56 02.4 +0.5
UZH	Uzhgorod comp=Z,2.5nm,0.8s,baz=98,slow=4.4,SNR=13	79.99	324	eP	eP	14 55 58.0 -3.5
UZH	Uzhgorod 79.99 324 eP	79.99	324	eP	eP	14 56 08.2
RSSD	Black Hills 79.06 42	79.06	42	P	P	14 56 03.0 +0.6
RSSD	Black Hills 79.06 42	79.06	42	Iamb	Iamb	14 56 02.8 +0.4
RSSD	Black Hills 79.06 42	79.06	42	Iamb	Iamb	14 56 04.2
IKP	In-Ko-Pah, Jac comp=Z,16nm,0.6s	79.08	57	P	P	14 56 03.6 +1.1
SWSC	Sam W. Stewart baz=308	79.11	57	P	P	14 56 03.3 +0.8
TRPA	Tarpa 79.23 324 ↑P	79.23	324	↑P	↑P	14 56 04.3 +1.4
U15A	North Rim 79.23 52	79.23	52	Iamb	Iamb	14 56 05.7
O20A	White River Ci comp=Z,16nm,0.7s	79.33	47	P	P	14 56 04.7 +0.8
DOPR	Dopca 79.36 321 ↑P	79.36	321	↑P	↑P	14 56 05.2 +1.6
PDMC1	Parker Dam,Lak baz=308	79.37	55	P	P	14 56 04.9 +1.0
Y12C	Blythe 79.46 56	79.46	56	P	P	14 56 05.5 +1.1
GLA	Glamis baz=308	79.69	56	P	P	14 56 07.0 +1.3
GLA	Glamis baz=308	79.69	56	Iamb	Iamb	14 56 07.9
VOIR	VOIR 79.90 320 ↓P	79.90	320	↓P	↓P	14 56 08.0 +1.3
VOIR	VOIR 79.90 320 ↓P	79.90	320	↓P	↓P	14 56 08.0 +1.3
LANS	Liptovska Anna 79.90 326 eP	79.90	326	eP	eP	14 56 08.1 +1.5
LANS	Liptovska Anna 79.90 326 eP	79.90	326	eP	eP	14 56 08.1 +1.5
OKC	Ostrava-Krasne 79.97 327 eP	79.97	327	eP	eP	14 56 08.3 +1.4
OKC	Ostrava-Krasne 79.97 327 eP	79.97	327	eP	eP	14 56 08.3 +1.4
PV22	Peak Mesa, Par comp=Z,19nm,0.8s	80.05	49	Iamb	Iamb	14 56 10.0
PV04	Paradox Valley comp=Z,23nm,0.7s	80.07	49	Iamb	Iamb	14 56 10.3
ARR	Arges 80.16 321 ↑P	80.16	321	↑P	↑P	14 56 09.8 +1.7
PV18	Skein Mesa, Pa comp=Z,26nm,0.7s	80.16	49	Iamb	Iamb	14 56 10.7
N23A	Red Feather La baz=312	80.16	46	P	P	14 56 09.8 +1.3
PV12	Sauce Basin 80.18 49	80.18	49	Iamb	Iamb	14 56 12.7
AGMN	Agassiz Nation baz=317	80.19	35	P	P	14 56 08.2 +0.1
OSTC	Ostas 80.25 328 eP	80.25	328	eP	eP	14 56 09.6 +1.2
MORC	Moravsky Berou 80.28 327 eP	80.28	327	eP	eP	14 56 09.1 +0.5
PV02	Paradox Valley comp=Z,21nm,0.7s	80.29	49	Iamb	Iamb	14 56 12.1
CHVC	Chvalec 80.30 329 eP	80.30	329	eP	eP	14 56 09.4 +0.7
Y14A	Wickenburg comp=Z,19nm,0.8s	80.33	55	Iamb	Iamb	14 56 11.3
PV15	Paradox Valley comp=Z,12nm,0.6s	80.35	49	Iamb	Iamb	14 56 12.7
DPC	Dobruska-Polom 80.37 328 eP	80.37	328	eP	eP	14 56 09.5 +0.4
KRLC	Kraliky 80.38 328 eP	80.38	328	eP	eP	14 56 09.9 +0.6
KRLC	Kraliky 80.38 328 eP	80.38	328	eP	eP	14 56 22.6
KRLC	Kraliky 80.38 328 eP	80.38	328	eP	eP	14 56 09.8 +0.6
KRLC	Kraliky 80.38 328 eP	80.38	328	eP	eP	14 56 22.6
WUAZ	Wupatki baz=309	80.38	53	P	P	14 56 11.1 +1.5
PV01	Paradox Valley comp=Z,18nm,0.9s	80.44	49	Iamb	Iamb	14 56 12.3
VYHS	Vyhne 80.67 326 eP	80.67	326	eP	eP	14 56 11.5 +0.8
VYHS	Vyhne comp=Z,8.0nm,1.0s	80.67	326	eP	eP	14 56 11.5 +0.8
VYHS	Vyhne 80.67 326 eP	80.67	326	eP	eP	14 56 11.5 +0.8
JAVC	Velka Javorina 80.91 327 eP	80.91	327	eP	eP	14 56 13.6 +1.5
BRG	Berggiesshubel comp=Z,22nm,1.5s	80.94	330	eP	eP	14 56 12.8 +0.7
BRG	Berggiesshubel 80.94 330 eP	80.94	330	eP	eP	14 56 12.8 +0.7
PVCC	Panska Ves 80.95 329 eP	80.95	329	eP	eP	14 56 13.5 +1.3
PVCC	Panska Ves 80.95 329 eP	80.95	329	eP	eP	14 56 20.9 -0.2
COLL	Collm 80.97 330 ↓P	80.97	330	↓P	↓P	14 56 13.4 +1.2
COLL	Collm comp=Z,14nm,0.9s	80.97	330	↓P	↓P	14 56 13.4 +1.2
COLL	Collm 80.97 330 ↓P	80.97	330	↓P	↓P	14 56 21.0 -0.2
COLL	Collm 80.97 330 ↓P	80.97	330	↓P	↓P	14 56 13.4 +1.2

RAYN	comp=Z,14nm,0.9s	81.03	293	P	P	14 56 12.7 -0.5
X16A	Lo Mia Camp, P 81.04 50	81.04	50	Iamb	Iamb	14 56 15.8
VRAC	Gura Zlata 81.04 327 eP	81.04	327	eP	eP	14 56 13.6 +0.9
GZR	Gura Zlata 81.06 322 ↓P	81.06	322	↓P	↓P	14 56 13.3 +0.4
GZR	Gura Zlata 81.06 322 ↓P	81.06	322	↓P	↓P	14 56 13.3 +0.4
MVCO	Mesa Verde baz=311	81.08	50	Iamb	Iamb	14 56 14.6 +1.2
MVCO	Mesa Verde comp=Z,18nm,0.8s	81.08	50	Iamb	Iamb	14 56 15.6
ISCO	Idaho Springs baz=312	81.08	46	P	P	14 56 14.5 +1.1
ISCO	Idaho Springs 81.08 46 P	81.08	46	P	P	14 56 14.7 +1.3
SMOL	Smolenice 81.28 326 eP	81.28	326	eP	eP	14 56 15.1 +1.2
SMOL	Smolenice comp=Z,6.0nm,1.0s	81.28	326	eP	eP	14 56 15.1 +1.2
SMOL	Smolenice 81.28 326 eP	81.28	326	eP	eP	14 56 14.7 +0.6
KRUC	Moravsky Ondr 81.34 329 eP	81.34	329	eP	eP	14 56 15.2 +0.9
GOPC	GO Pecny, Ondr 81.34 329 eP	81.34	329	eP	eP	14 56 15.2 +0.9
PRU	Pruhonice 81.38 329 eP	81.38	329	eP	eP	14 56 15.3 +0.9
PRU	Pruhonice 81.38 329 eP	81.38	329	eP	eP	14 56 15.3 +0.9
MODS	Modra-Piesok 81.45 326 eP	81.45	326	eP	eP	14 56 15.4 +0.5
MODS	Modra-Piesok comp=Z,9.0nm,1.1s	81.45	326	eP	eP	14 56 15.4 +0.5
MODS	Modra-Piesok 81.45 326 eP	81.45	326	eP	eP	14 56 15.4 +0.5
BZS	Buzias 81.47 322 eP	81.47	322	eP	eP	14 56 15.2 +0.2
BZS	Buzias 81.47 322 eP	81.47	322	eP	eP	14 56 15.2 +0.2
SUSD	Miller baz=315	81.48	39	P	P	14 56 15.6 +0.5
W18A	Petrified Fore baz=310	81.67	52	P	P	14 56 17.9 +1.4
214A	Organ Pipe Nat 81.70 56	81.70	56	P	P	14 56 17.7 +1.2
S22A	4UR Ranch, Cre 81.73 48	81.73	48	P	P	14 56 18.5 +1.6
F33A	5 Mile Ranch, 81.78 37	81.78	37	Iamb	Iamb	14 56 17.7
MDVR	Moldova comp=Z,24nm,0.7s	82.03	32	↑P	↑P	14 56 18.5 +0.5
OGNE	Ogallala 82.31 43	82.31	43	P	P	14 56 20.1 +0.5
EYMN	Ely baz=314	82.40	33	P	P	14 56 20.2 +0.3
EYMN	Ely comp=Z,28nm,0.8s	82.40	33	Iamb	Iamb	14 56 21.1
KHC	Kasperske Hory 82.44 329 eP	82.44	329	eP	eP	14 56 20.2 +0.1
KHC	Kasperske Hory 82.44 329 eP	82.44	329	eP	eP	14 56 20.2 +0.1
SDCO	Sand Dun baz=312	82.52	48	P	P	14 56 22.3 +1.2
GERES	GERES Array B comp=Z,3.5nm,0.7s,baz=32,slow=5.2,SNR=21	82.62	329	P	P	14 56 21.2 +0.1
TUC	Tucson baz=310	82.80	55	P	P	14 56 23.4 +1.1
VTS	Vitosha 82.81 319 ↑P	82.81	319	↑P	↑P	14 56 23.6 +1.3
VTS	Vitosha 82.81 319 ↑P	82.81	319	↑P	↑P	14 56 23.6 +1.3
GRF	Grafenberg Arr comp=Z,19nm,1.0s,baz=40,slow=5.5	82.95	330	eP	eP	14 56 23.5 +0.8
ECSD	EROS Data Cent 83.16 39	83.16	39	P	P	14 56 24.2 +0.3
KCSA	Kaye Shedlock' 83.31 45	83.31	45	P	P	14 56 25.5 +0.6
T25A	Trinidad baz=313	83.56	48	P	P	14 56 27.5 +1.1
ANMO						

17d 14h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Sandimen, Tarama, Mailiao, Szu, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like Wnju Array Si, Xian, Mitsune, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like Susitna One, Bradley Lake, Nenana, etc.

LDG 17:14:55:56.4/0.1, 47.58N; 15:46E, h2km, M13.4/21, Error ellipse: s-maj=3.6km s-min=2.0km az=151.0 IPEC 17:14:55:57.6/0.1, 47.58N; 15:47E, h5km, M13.2/8, Error ellipse: s-maj=0.5km s-min=0.4km az=82.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARSA Arzberg, ARSA Arzberg, ARSA Conrad Observa, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like VRAC Vranov, ABTA Abfalterbach, SRO Srobarova, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SMRF Simiane la Rot, LOR Lormes, VIVF Saint-Julien-I, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KOGS Dobrina, DOBS Dobrina, KBA Koelnbreinsper, etc.

17d 14h

KHC	Kasperske Hory	1.96 324	ePn	Pb	14 59 51.8 +0.7
KHC			eSg	Sg	15 00 19.6 +1.3
comp=N,541nm,0.4s					
KHC	Kasperske Hory	1.96 324	ePn	Pb	14 59 51.8 +0.7
KHC			eSg	Sg	14 59 51.8 +0.7
KHC			x	x	14 59 51.9
KHC			x	x	14 59 51.9
KHC			eSg	Sg	15 00 19.6 +1.3
KHC			eSg	Sg	15 00 19.6 +1.3
comp=N,541nm,0.4s					
SABO	M.te Sabotino	1.98 218	P	Pb	14 59 51.6 +0.2
SABO			AML	AML	
comp=N,1064um,2.7s					
SABO			AML	AML	
comp=E,658um,1.2s					
FVI	Forni Avoltri	1.99 242	P	Pg	14 59 53.1 -0.4
FVI			S	Sg	15 00 20.6 +1.2
FVI			AML	AML	
comp=E,778um,1.6s					
FVI			AML	AML	
comp=N,880um,1.5s					
CSKK	Cskako	2.00 95	ePn	Pn	14 59 50.1 +0.9
CSKK			eSg	Sg	15 00 13.8 -0.5
SRO	Srobarova	2.03 82	ePn	Pn	14 59 50.2 +0.6
SRO			eSg	Sg	15 00 15.1 +0.1
SRO	Srobarova	2.03 82	ePn	Pn	14 59 50.2 +0.6
SRO			eSg	Sg	14 59 54.3
SRO	Srobarova	2.03 82	eSg	Lg	15 00 15.1 +0.1
SRO			eLg	Lg	15 00 25.6
JAVC	Velka Javorina	2.04 49	ePn	Pb	14 59 51.6 -0.8
JAVC	Velka Javorina	2.04 49	Pn	Pb	14 59 51.6 -0.8
JAVC			x	x	14 59 52.3
JAVC			x	x	14 59 52.3
JAVC	Velka Javorina	2.04 49	ePn	Pb	14 59 51.6 -0.8
JAVC	Moca	2.08 83	ePn	Pn	14 59 51.8 +1.5
SRO2	Moca	2.08 83	ePn	Pn	14 59 51.8 +1.5
SRO2			eLg	Lg	15 00 29.7
ABTA	Abfaltersbach	2.09 248	ePn	Pb	14 59 53.4 0.0
ABTA			iSn	Sb	15 00 20.7 +1.3
comp=N,13nm,0.3s,SNR=21					
ABTA	Abfaltersbach	2.09 248	Pn	Pb	14 59 53.3 0.0
ABTA			Pn	Pb	14 59 53.4 0.0
comp=N,13nm,0.3s					
ABTA			Sn	Sb	15 00 20.7 +1.3
ABTA			Sb	Sb	15 00 20.7 +1.3
comp=N,262nm,0.5s					
MOSL	Moslavina	2.18 153	Pn	Pn	14 59 53.1 +1.3
MOSL			Sn	Sn	15 00 19.3 +0.5
MOSL	Moslavina	2.18 153	iSn	Sn	14 59 53.0 +1.3
MOSL			Sn	Sn	15 00 19.3 +0.5
STAL	STALIGIAL	2.22 235	P	Pb	14 59 55.9 +0.3
STAL			AML	AML	
comp=N,555um,0.9s					
STAL			AML	AML	
comp=E,614um,1.6s					
STAL			AML	AML	
comp=E,525um,2.7s					
STAL			AML	AML	
comp=N,513um,3.4s					
WET	Wetzell	2.28 315	ePn	Pb	14 59 57.0 +0.5
WET	Wetzell	2.28 315	Pn	Pb	14 59 57.4 +0.8
WET			x	x	14 59 58.0
WET			x	x	14 59 58.0
RISI	Rein	2.30 256	P	Pb	14 59 57.7 +0.6
RISI			AML	AML	
comp=E,353um,1.6s					
RISI			AML	AML	
comp=N,5780um,2.3s					
KOLL	Kolacno	2.30 63	ePn	Pn	14 59 53.9 +0.6
KOLL			eSg	Sg	15 00 20.5 -1.2
PBCC	Pribram	2.30 338	ePn	Pb	14 59 56.4 -0.6
PBCC			ePn	Pb	15 00 06.6 +1.1
PBCC	Pribram	2.30 338	eSg	Sg	15 00 29.7 +0.3
PBCC			Pn	Pb	14 59 56.4 -0.6
PBCC			Pb	Pb	15 00 06.6 +1.1
PBCC			Lg	Lg	15 00 29.7
RIY	Rijeka	2.31 195	ePn	Pb	14 59 55.9 -1.2
RIY			eSg	Sg	15 00 24.2 +2.3
RIY	Rijeka	2.31 195	Pn	Pb	14 59 55.5 +2.0
RIY			Pb	Pb	14 59 55.9 -1.2
RIY			Sn	Sn	15 00 24.2 +2.3
RIY	Rijeka	2.31 195	ePn	Pn	14 59 55.5 +2.0
GOPC	GO Pecny, Ondr	2.38 352	ePn	Pg	14 59 56.5 +2.0
GOPC			ePn	Pg	15 00 01.3 +0.3
GOPC			eSg	Sg	15 00 31.1 -0.8
comp=N,941nm,1.2s					
GOPC	GO Pecny, Ondr	2.38 352	ePn	Pn	14 59 56.5 +2.0
GOPC			Pn	Pg	14 59 56.5 +2.0
GOPC			Pb	Pb	15 00 01.3 +0.3
GOPC			eLg	Lg	15 00 31.1
GOPC			Lg	Lg	15 00 31.1
comp=N,941nm,1.2s					
POLC	Polcenigo	2.48 233	P	Pb	14 59 59.6 -0.3
POLC			AML	AML	
comp=E,1235um,2.6s					
POLC			AML	AML	
comp=N,851um,2.6s					
PRU	Pruhonice	2.49 348	ePn	Pg	15 00 04.0 +1.0
PRU	Pruhonice	2.49 348	ePn	Pn	14 59 58.2 +2.3
PRU			x	x	14 59 58.3
PRU			x	x	14 59 58.3
PRU			Pg	Pg	15 00 03.0 0.0
PRU			Pg	Pg	15 00 04.3 +4.2
PRU			eSb	Sb	15 00 35.8 +0.6
PRU			Sb	Sg	15 00 35.8 +0.6
comp=N,489nm,0.4s					
PRU	Pruhonice	2.49 348	ePn	Pn	14 59 58.2 +2.3
PRU			Pn	x	14 59 58.3
PRU			x	x	14 59 58.3
PRU			Pg	Pg	15 00 03.0 0.0
PRU			Pg	Pg	15 00 04.3 +4.2
PRU			eSb	Sb	15 00 35.8 +0.6
PRU			Sb	Sg	15 00 35.8 +0.6
comp=N,489nm,0.4s					
BUD	Budapest	2.50 90	x	x	14 59 57.4 +1.3
BUD			x	x	14 59 59.2
WTTA	Wattenberg	2.53 265	ePn	Pb	15 00 01.2 +0.3
WTTA	Wattenberg	2.53 265	ePn	Pb	14 59 59.5 -1.4
comp=N,9.5nm,0.2s,SNR=11					
WTTA			iSn	Sb	15 00 31.9 -0.2
comp=N,81nm,0.3s					
WTTA	Wattenberg	2.53 265	Pn	Pb	14 59 59.5 -1.4
WTTA			Pn	Pb	14 59 59.5 -1.4
comp=N,9.5nm,0.2s					
WTTA			Pb	Pb	15 00 01.2 +0.3
WTTA			x	x	15 00 01.5
WTTA			x	x	15 00 05.1
WTTA			Sn	Sb	15 00 31.9 -0.2
comp=N,81nm,0.3s					
WTTA	Wattenberg	2.53 265	P	Pb	15 00 01.3 +0.4
WTTA			AML	AML	
comp=N,1245um,2.8s					
WTTA			AML	AML	
comp=E,884um,3.1s					
VYHS	Vyhne	2.53 67	ePn	Pn	14 59 56.3 -0.2
VYHS			x	x	14 59 58.5
VYHS			x	x	14 59 58.5
VYHS	Vyhne	2.53 67	ePn	Pn	14 59 56.3 -0.2
WATA	Walderaim	2.56 266	ePn	Pb	15 00 00.3 -1.2
WATA			iSn	Sb	15 00 34.5 +1.6
comp=E,91nm,0.3s					
WATA	Walderaim	2.56 266	Pn	Pb	15 00 00.2 -1.2
WATA			Pn	Pb	15 00 00.3 -1.2
comp=E,1.5nm,0.1s					
WATA			Sn	Sb	15 00 34.5 +1.6
WATA			Sb	Sb	15 00 34.5 +1.6
comp=E,91nm,0.3s					
PRA	Prague	2.58 347	ePn	Pb	15 00 01.0 -0.7
PRA			ePn	Pg	15 00 05.2 +0.4
PRA			eSg	Sg	15 00 39.1 +0.8
comp=E,328nm,0.8s					
PRA	Prague	2.58 347	Pn	Pb	15 00 01.0 -0.7
PRA			ePn	Pg	15 00 01.0 -0.7
PRA			Pg	Pg	15 00 05.2 +0.4
PRA			Lg	Lg	15 00 39.1
comp=E,328nm,0.8s					
PRA			eLg	Lg	15 00 39.1
MORH	Mrgy, Hungar	2.64 119	ePn	Pn	14 59 58.0 0.0
MORH			x	x	14 59 58.5
MORH			x	x	14 59 58.5

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MORH	MORH	eSg	Sn	15 00 28.0 -2.1	
MORH		eSg	Sb	15 00 29.9 -5.3	
MORH	Moravsky Berou	2.66 33	uP	14 59 59.7 +1.3	
MORH			Pn	15 00 30.3 -0.3	
MORH	Moravsky Berou	2.66 33	Pn	14 59 59.6 +1.3	
MORH			Pb	14 59 59.7 +1.3	
MORH			Pn	14 59 59.7 +1.3	
MORH			x	15 00 00.1	
MORH			x	15 00 00.1	
MORH			Sn	15 00 30.3 -0.3	
MORH			Sn	15 00 30.4 -0.3	
MORH			Sb	15 00 31.1 +2.3	
MORH	Moravsky Berou	2.66 33	ePn	Pn	14 59 59.6 +1.3
MORH			eSg	Sb	15 00 30.1 -0.3
MORH			eSg	Sb	15 00 38.4 +2.3
MORH			ePn	Sg	15 00 00.6 +1.8
MORH			eSg	Sg	15 00 00.7 -1.2
comp=E,451nm,0.6s					
KRLC	Kraliky	2.69 20	ePn	Pn	15 00 00.6 +1.8
KRLC			Pn	Pn	15 00 00.6 +1.8
KRLC			Lg	Lg	15 00 40.7
comp=E,451nm,0.6s					
KRLC			eLg	Lg	15 00 40.7
ROSI	Roskopf	2.74 258	AML	AML	
ROSI			AML	AML	
comp=E,2025um,1.5s					
ROSI			AML	AML	
comp=E,179um,0.6s					
FUR	Furstenfeldbru	2.79 284	ePn	Pb	15 00 05.0 -0.3
FUR	Furstenfeldbru	2.79 284	x	Pg	15 00 05.1 -0.3
FUR			Pn	Pb	15 00 05.5 -3.5
FUR			Pn	Pb	15 00 03.3 +2.7
SQTA	Sankt Quirin	2.82 265	iPn	Pn	15 00 04.1 -0.4
SQTA			iSn	Sb	15 00 03.3 +2.7
comp=E,71nm,0.3s					
SQTA	Sankt Quirin	2.82 265	Pn	Pn	15 00 03.3 +2.7
SQTA			Sb	Sb	15 00 03.3 +2.7
comp=E,9.3nm,0.2s					
SQTA			Sn	Sb	15 00 04.1 -0.4
SQTA			Sb	Sb	15 00 04.1 -0.4
comp=E,71nm,0.3s					
PART	Garmisch-Parte	2.86 270	ePn	Pb	15 00 06.1 -0.4
PART	Garmisch-Parte	2.86 270	Pn	Pb	15 00 06.5 0.0
ABSI	Aberstueckl	2.86 255	AML	AML	
ABSI			AML	AML	
comp=N,1790um,2.6s					
DPC	Dobruska-Polom	2.87 13	ePn	Pg	15 00 03.7 +2.5
DPC			ePn	Pg	15 00 08.8 -1.5
DPC			eSg	Sg	15 00 37.1 +1.2
DPC			eSg	Sg	15 00 46.1 -1.4
comp=E,417nm,0.5s					
DPC	Dobruska-Polom	2.87 13	Pn	Pn	15 00 03.7 +2.5
DPC			Pn	Pn	15 00 03.7 +2.5
DPC			x	x	15 00 04.4
DPC			Pb	Pg	15 00 08.8 -1.5
DPC			x	x	15 00 09.4
DPC			Sn	Sg	15 00 37.0 +1.2
DPC			eSg	Sg	15 00 46.1 -1.4
DPC			Sb	Sg	15 00 46.1 -1.4
comp=E,417nm,0.5s					
MOTA	Moosalm	2.88 267	iPn	Pn	15 00 03.5 +2.1
MOTA			iSn	Sb	15 00 41.0 -1.1
comp=E,4.0nm,0.1s					
MOTA	Moosalm	2.88 267	Pn	Pn	15 00 03.5 +2.1
MOTA			Pn	Pn	15 00 03.5 +2.1

Solution. Moment tensor: Scale 10¹⁸Nm; M_r-0.08; M₁-1.31; M₂-1.23; M₃-0.07; M₄-1.81; M₅-0.50; Fault plane solution: M2.27000x10¹⁸ NP1.ϕ=162.17000°, δ77.39000°, λ-172.99000°. NP2.ϕ=252.76000°, δ77.22000°, λ-177.32000°. Principal axes: T 2.2874, P1g7.0000°, Azm208.0000°, N -0.0376, P1g77.0000°, Azm331.0000°; P -2.2498, P1g11.0000°, Azm117.0000°.

NEIC 17 15:07:01, 62.86S, 156.06E, h12km, Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; M_r-0.10; M₁-1.92; M₂-1.82; M₃-1.03; M₄-1.35; M₅-0.02; Fault plane solution: M2.53000x10¹⁸ NP1.ϕ=242.0000°, δ82.0000°, λ160.0000°. NP2.ϕ=335.0000°, P1g7.0000°, Azm197.0000°. Principal axes: T 2.7107, P1g20.0000°, Azm197.0000°; N -0.4071, P1g69.0000°, Azm42.0000°; P -2.3035, P1g9.0000°, Azm290.0000°.

GCMT 17 15:07:05.0.1, 62.86S, 155.43E, h12km, MW6.2/162, Moment Tensor Solution. s162.c356; s160.c583; Duration: 3s1 Moment tensor: Scale 10¹⁸Nm; M_r-0.09±0.01; M₁-2.10±0.1; M₂-2.02±0.1; M₃-0.47±0.03; M₄-1.39±0.1; M₅-0.22±0.3; Best double couple: M2.53900x10¹⁸ NP1.ϕ=332.0000°, δ78.0000°, λ0.0000°. NP2.ϕ=62.0000°, δ90.0000°, λ-168.0000°. Principal axes: T 2.5820, P1g19.0000°, Azm196.0000°; N -0.0920, P1g78.0000°, Azm62.0000°; P 2.4430, P1g8.0000°, Azm288.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 17 15:07:06, 62.67S, 155.50E, h16km, Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; M_r0.01; M₁-0.27; M₂-2.28; M₃-0.07; M₄-1.48; M₅-0.13; Fault plane solution: M2.72000x10¹⁸ NP1.ϕ=62.0000°, δ88.0000°, λ-177.0000°. NP2.ϕ=331.0000°, δ87.0000°, λ-2.0000°. Principal axes: T 2.7110, P1g1.0000°, Azm197.0000°; N 0.0137, P1g87.0000°, Azm95.0000°; P -2.7248, P1g3.0000°, Azm287.0000°.

NEIC 17 15:07:23.8, 62.58S, 155.13E, h29km, Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; M_r-0.02; M₁-0.25; M₂-2.49; M₃-1.15; M₄-1.98; M₅-0.08; Fault plane solution: M3.38000x10¹⁸ NP1.ϕ=63.16000°, δ81.95000°, λ163.37000°. NP2.ϕ=155.55000°, δ73.54000°, λ8.40000°. Principal axes: T 3.5504, P1g17.0000°, Azm18.0000°; N -0.3338, P1g72.0000°, Azm110.0000°.

ISC 17 15:06:50.2.0.2, 62.88S, 0.05, 156.03E, 0.06, h10km, n724, c2505/479, mbs.57S, MS5.9/313, 43C-16D, Baileny Islands region

Code	Station Name	A°	AZ°	Phase ID	Time	Res
MCQ	Macquarie Isla	8.54	12	Op	15 08 53.2	-0.5
VNDA	Vanda	14.83	175	Pn	15 10 13.1	-6.5
VNDA	2.0nm, 0.3s, baz=341, slow=12, SNR=99			LR		
PYZ	comp-Z, 110µm, 19.8s, baz=2.5, slow=36			P	15 10 59.5	+0.9
WHZ	comp-Z, 656nm, 1.9s			Iamb	15 11 03.8	-0.4
DCZ	comp-Z, 506nm, 1.8s			Iamb	15 11 06.0	-0.9
MLZ	Mavora Lakes	18.86	27	P	15 11 09.3	-0.9
CASY	comp-Z, 623nm, 1.9s			Iamb	15 11 12.6	
WKZ	Casey	19.48	240	P	15 11 14.6	-2.1
WKC	Wanaka	19.57	29	P	15 11 17.9	-0.1
ODZ	comp-Z, 539nm, 1.6s			Iamb	15 11 52.2	
WDZ	Otahua Downs	19.74	32	P	15 11 18.6	-1.2
ODZ	comp-Z, 320nm, 1.6s			Iamb	15 11 25.6	+0.2
LBZ	Lake Benmore	20.25	30	P	15 11 25.6	+0.2
TAU	comp-Z, 65µm, 18.0s			IAMS_20	15 18 06.5	
TAU	Tasmania Unive	20.64	342	P	15 11 26.4	-3.2
FOZ	comp-Z, 418nm, 1.4s			Iamb	15 11 48.4	
RPZ	Fox Glacier	20.98	29	IAMS_20	15 18 57.6	
RPZ	Rata Peaks	21.09	32	LR	15 18 36.9	
RPZ	comp-Z, 64µm, 18.5s, baz=186, slow=34			P	15 11 34.6	+0.1
MOO	Rata Peak	21.12	342	P	15 11 34.5	-0.3
MOQ	MoQueen's Vall	21.50	34	P	15 11 40.3	+1.5
MOQ	comp-Z, 399nm, 1.5s			Iamb	15 12 03.6	
KHZ	comp-Z, 51µm, 18.0s			IAMS_20	15 19 30.8	
KHZ	Kahutara	22.93	35	P	15 11 54.9	+0.8
KHZ	comp-Z, 186nm, 1.3s			IAMS_20	15 19 51.8	
THZ	comp-Z, 59µm, 20.0s			IAMS_20	15 20 09.6	
QRZ	Tophouse	23.38	33	IAMS_20	15 20 09.6	
QRZ	comp-Z, 59µm, 19.0s			IAMS_20	15 20 31.5	
QRZ	Quartz Range	24.2	3	P	15 12 06.4	0.0
SNZO	comp-Z, 45µm, 18.0s			IAMS_20	15 20 35.5	
SNZO	South Karori	24.27	36	IAMS_20	15 20 35.5	
MSWZ	comp-Z, 41µm, 21.0s			P	15 12 06.7	-1.1
TOO	Moikau Station	24.32	37	P	15 12 20.2	-4.1
TOO	Toolangi	26.14	341	P	15 12 20.0	-4.1
TOO	comp-Z, 51µm, 18.0s			P	15 12 23.0	-1.3
MILA	Toolangi	26.14	341	P	15 12 23.0	-1.3
BKZ	Mile	26.18	347	P	15 12 20.8	-4.0
BKZ	comp-Z, 26µm, SNR=4.0			P	15 12 30.0	+0.1
BKZ	Black Stump Fm	26.76	37	P	15 12 49.3	
BKZ	comp-Z, 181nm, 1.5s			IAMS_20	15 23 33.4	
HIZ	Hawaii	26.94	34	IAMS_20	15 22 22.9	
QSPA	comp-Z, 24µm, 18.0s			IAMS_20	15 22 22.9	
QSPA	South Pole Qui	27.21	180	P	15 12 33.5	-0.4
QSPA	comp-Z, 20nm, 0.9s, baz=352, slow=2.3, SNR=54			LR	15 24 03.5	
QSPA	comp-Z, 35µm, 18.1s, baz=14, slow=38			P	15 12 33.8	0.0
QSPA	South Pole Qui	27.21	180	Iamb	15 13 27.4	
ARPS	comp-Z, 202nm, 1.6s			P	15 12 35.8	-1.2
URP	Mount Arapiles	27.56	335	P	15 12 55.6	-1.2
URP	Urewera	27.78	37	LR	15 22 32.6	
URZ	comp-Z, 26µm, 19.3s, baz=214, slow=35			IAMS_20	15 22 32.4	
URZ	Urewera	27.78	37	IAMS_20	15 22 32.4	
CAN	Canberra	27.93	348	P	15 12 40.1	-0.3
CAN	comp-Z, 27µm, 20.0s			IAMS_20	15 20 54.8	
YNG	Young	29.00	347	P	15 12 45.1	-4.8
Ouz	comp-Z, 28µm, 22.0s			IAMS_20	15 22 31.1	
Ouz	comp-Z, 28µm, 22.0s			IAMS_20	15 22 31.1	
HTT	Hallett	31.38	332	P	15 13 10.7	-0.4
LHI	Lord Howe Isla	31.43	5	IAMS_20	15 22 48.9	
LHI	comp-Z, 1µm, 21.0s			IAMS_20	15 22 48.9	
CMSA	Cobar Meteorol	32.05	343	P	15 13 14.0	-2.8
ARMA	Armidale	32.59	353	P	15 13 22.3	+0.6
ARMA	comp-Z, 76nm, 1.6s			Iamb	15 13 44.2	
BBOO	Buckleboo	32.64	328	P	15 13 20.2	-1.7
BBOO	comp-Z, 33µm, SNR=18			P	15 13 20.8	-1.2
BBOO	Buckleboo	32.64	328	P	15 13 20.8	-1.2
MAW	comp-Z, 26µm, 20.0s			P	15 13 48.0	-0.9
MAW	Mawson	35.78	221	P	15 13 48.9	+0.1
MAW	comp-Z, 15nm, 0.9s, baz=129, slow=12, SNR=7.5			P	15 28 56.7	
MAW	comp-Z, 53µm, 19.5s, baz=119, slow=37			LR	15 28 56.7	
MAW	Mawson	35.78	221	P	15 13 48.7	-0.1
RMQ	Roma	36.70	349	P	15 13 54.3	-2.9
FORT	Forrest	36.78	318	P	15 13 57.2	-0.5

FORST	Forrest	36.78	318	P	15 13 56.9	-0.8
RAO	comp-Z, 23µm, 21.0s			IAMS_20	15 25 25.1	
RAO	Raoul Island	37.64	39	IAMS_20	15 27 49.0	
EIDS	Eidsvold	37.64	353	P	15 14 05.3	+0.2
EIDS	comp-Z, 19µm, 20.0s			IAMS_20	15 26 16.5	
HO1W	comp-Z, 27µm, 20.0s			T	15 54 39.1	
HO1W2	Cape Leeuwin H	38.12	297	T	15 54 39.3	
HO1W2	baz=149, slow=76, SNR=32			T	15 54 40.4	
HO1W3	Cape Leeuwin H	38.12	297	T	15 54 40.4	
HO1W3	baz=149, slow=76, SNR=32			T	15 54 40.4	
KMBL	Kambalda	38.29	309	P	15 14 11.9	+1.3
NWAO	baz=39, SNR=6.5			P	15 14 12.6	-0.7
NWAO	Narrogin (SRO)	38.62	302	P	15 14 12.6	-0.7
NWAO	Narrogin (SRO)	38.62	302	P	15 14 12.6	-0.7
NWAO	comp-Z, 38nm, 1.1s			Iamb	15 14 30.7	
NWAO	comp-Z, 21µm, 18.0s			IAMS_20	15 26 36.1	
KLBR	Kellerberri	39.61	304	P	15 14 21.2	-0.4
BLDU	Ballidu	40.88	303	P	15 14 30.6	-1.6
SYO	baz=42, SNR=5.4			eP	15 14 37.0	+4.9
SYO	comp-Z, 12µm, 1.1s, baz=157, slow=21, SNR=2.7			P	15 14 36.9	+0.4
SYO	comp-Z, 12µm, 1.1s, baz=157, slow=21, SNR=2.7			P	15 14 36.9	+0.4
DZM	Mont Dzumac	41.39	15	P	15 14 38.9	-1.9
DZM	comp-Z, 47µm, 26.2s, baz=211			P	15 14 36.1	-0.4
DZM	Mont Dzumac	41.39	15	P	15 14 36.9	+0.4
ASAR	comp-Z, 44nm, 1.1s, baz=163, slow=8.3, SNR=64			P	15 14 38.9	-1.9
ASAR	comp-Z, 14µm, 18.5s, baz=160, slow=5.6			LR	15 29 55.9	
ASAR	Alice Springs	41.92	329	P	15 14 39.3	-1.5
AS31	Alice Springs	41.92	329	P	15 14 38.1	-2.7
AS31	AS31	41.92	329	PP	15 16 18.7	+1.0
WRKA	Warakurna	42.09	321	P	15 14 39.9	-2.3
MORW	baz=43, SNR=5.9			P	15 14 45.1	-0.5
MORW	Morawa	42.52	304	P	15 14 43.7	-1.9
MORW	comp-Z, 12µm, 1.1s, baz=157, slow=21, SNR=2.7			PP	15 16 23.3	-0.7
MORW	comp-Z, 12µm, 1.1s, baz=157, slow=21, SNR=2.7			PP	15 16 23.3	-0.7
MORW	comp-Z, 21µm, 20.0s			IAMS_20	15 28 24.4	
CTAO	Charters Tower	43.28	347	P	15 14 52.2	+0.4
CTAO	comp-Z, 106nm, 1.4s			Iamb	15 15 07.5	
CTAO	Charters Tower	43.28	347	IAMS_20	15 31 07.6	
QIS	comp-Z, 14µm, 19.0s			IAMS_20	15 31 07.6	
QIS	Mount Isa	43.76	337	P	15 14 55.0	-0.7
MEEK	baz=44, SNR=9.4			P	15 14 54.8	-0.9
MEEK	Meebatharra	43.76	308	P	15 14 54.8	-0.9
NVL	N'iazarevskaya	44.33	196	eP	15 14 59.3	-0.3
NVL	comp-Z, 29nm, 0.8s			S	15 16 47.5	
NVL	comp-Z, 29nm, 0.8s			S	15 21 33.9	+0.8
NVL	comp-Z, 49µm, 17.0s			MLR	15 15 03.2	-1.4
SNA	Sanae	44.94	189	P	15 15 04.5	+0.2
SNA	comp-Z, 184nm, 1.9s			Iamb	15 15 04.0	-0.6
SNA	Sanae	44.94	189	P	15 15 04.0	-0.6
SNA	Sanae	44.94	189	P	15 15 04.0	-0.6
WR0	Warramunga Arr	45.35	331	P	15 15 06.3	-2.1
WR0	comp-Z, 156nm, 1.6s			Iamb	15 15 25.9	
WR0	comp-Z, 17µm, 22.0s			IAMS_20	15 30 55.5	
WR9	Warramunga Arr	45.36	331	IAMS_20	15 31 06.7	
WR9	comp-Z, 7µm, 22.0s			IAMS_20	15 31 07.8	
WR9	Warramunga Arr	45.36	331	IAMS_20	15 31 07.8	
WR7	Warramunga Arr	45.37	331	IAMS_20	15 31 07.0	
WR6	Warramunga Arr	45.37	331	IAMS_20	15 31 08.1	
WR3	Warramunga Arr	45.39	331	IAMS_20	15 31 06.5	
WR4	Warramunga Arr	45.39	331	IAMS_20	15 31 07.5	

17d 15h

Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like ABTX, PINE, DUG, KKAR, etc.

2014 APR

Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like U49A, N38A, TKL, S44D, etc.

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Table with columns for station call letters, location, frequency, power, and other technical details. Includes stations like VSR, PLVO, VAY, etc.

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR=12, SNR=14). Includes stations like PSZ, MCGM, MNK, PBDV, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like APA, BRG, BRG, NKC, FINES, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like RABL, MMRI, KAPI, CISI, etc.

17d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PLOA, MLR, Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like YKA, H1S1, WAKE ISLAND, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CMAR, H0S3, H0S2, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NJ2, NJ2, NJ2, etc.

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

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

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

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

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

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

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

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

17d 15h

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

2014 APR

Table with columns: Station Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like OBN Obsnisk, PPLA Purkeypile, and many others.

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Table with columns: Station Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like CTGM Chitina Glacie, MDUB Mudurnu, and many others.

17d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SRS Serrai, KNT Kendrikon, ZAPS Zavoj, etc.

IDC 17 16:14:04.5-0.7, 20.16N-120.33E, h0km, mb3.8/14, mb1 3.9/15, mb1mx3.8/47, mbtmp3.8/15, ML3.5/1, Error ellipse: s-maj=23.1km s-min=15.0km az=75.0

NEIC 17 16:14:05.1-2.1, 20.15N-120.40E-0.7, h10km, 1km, mb4.5/18, Error ellipse: s-maj=12.1km s-min=7.0km az=117.0

MAN 17 16:14:08.4, 19.92N-120.24E, h11km, MS3.8

ISC 17 16:14:05.1-0.5, 20.16N-120.43E-0.07, h10km, n57, r175/63, mb4.0/20, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIPP Brgy, Tapao, APYV Corner, etc.

2014 APR

Table with columns: YKA, Yellowknife Arr, 86.94 22 P, 16 26 51.4 +1.3. Includes station names like Argostoli, Livadi, Kardakata, Valsamata, etc.

ATH 17 16:14:19.0, 38.19N-20.45E, h14km, 2km, ML1.5/1, Error ellipse: s-maj=3.1km s-min=1.3km az=243.0, Greece

ATH 17 16:14:29.2, 39.50N-20.65E, h15km, 3km, ML2.5/4, Error ellipse: s-maj=4.0km s-min=1.0km az=329.0

THE 17 16:14:29.5, 39.51N-20.64E, h12km, ML2.5/4, Error ellipse: s-maj=0.9km s-min=0.3km az=338.0

ISC 17 16:14:29.5-0.9, 39.49N-20.02-20.65E-0.03, h12km, 7km, n34, r094/43, 1D, Greece-Albania border region

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

IDC 17 16:22:51.8-0.9, 31.39N-139.09E, h414km, 18km, mb2.3/1, mb1 2.5/3, mb1mx2.2/48, mbtmp3.3/3, Error ellipse: s-maj=46.1km s-min=20.0km az=66.0

JMA 17 16:22:51.1-0.6, 30.39N-138.75E, h351km, M2.9

ISC r1866/14, mb3.1/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHJ Hachijo jima 2, JHJ Hachijo jima 2, etc.

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Table with columns: BVAR Borovoye Array, 46.69 315 P, 16 32 25.7 0.0. Includes station names like Jayapura, Warramunga Arr, etc.

IDC 17 16:25:14.1-1.9, 11.20S-161.80E, h0km, mb3.8/6, mb1 3.9/7, mb1mx3.6/46, mbtmp3.8/7, ML3.7/1, MS3.8/1, Ms1 3.8/1, ms1mx3.3/32, Error ellipse: s-maj=37.1km s-min=31.5km az=101.0

ISC 17 16:25:19.5-1.4, 11.23S-161.8E-0.2, h36km, n8, r093/8, mb3.6/6, Bougainville-Solomon Islands region

ISC 17 16:35:18.7-0.5, 19.03S-169.38E-0.09, h246km, n46, r096/46, mb4.3/15, 2C, Vanuatu Islands

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

IDC 17 16:38:06.1-1.2, 36.86N-27.54E, h0km, mb3.3/4, mb1 3.5/6, mb1mx3.3/50, mbtmp3.4/6, ML3.7/2, Error ellipse: s-maj=33.8km s-min=20.7km az=174.0

DDA 17 16:38:07.5, 37.02N-27.45E, h9km, MW3.6

ATH 17 16:38:07.9, 37.00N-27.41E, h30km, 1km, ML3.3/5, Error ellipse: s-maj=1.6km s-min=0.9km az=241.0

IASPEI 17 16:38:07.5-0.8, 37.01N-27.47E-0.12, h11km, 5km, mb3.4/4, Error ellipse: s-maj=3.4km s-min=2.7km az=42.8, G75 selection from ISC bulletin G75 identified by Bondar and McLaughlin (2009) selection criteria Bondar and McLaughlin, A new ground truth data set for seismic studies, <>Seism. Res. Let.<>, 30, 465-472, 2009

ISK 17 16:38:07.3, 37.02N-27.47E, h10km, ML3.5/19

THE 17 16:38:07.5, 37.02N-27.47E, h2km, ML3.3/4, Error ellipse: s-maj=0.7km s-min=0.3km az=19.0

ISC 17 16:38:07.6-0.8, 37.02N-27.49E-0.02, h10km, 5km, n96, r1929/127, mb3.3/4, Turkey

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

Table with columns: DAT, Data, Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like XLRX, CHV1, ARGV, etc.

ATH 17:16:52:51.5, 38'18N:20:40E, h15km, ML2,97, Error ellipse: s-maj=1.8km s-min=1.0km az=252.0

Main table of station data for the 17d 17h period, including station names, coordinates, and observation times.

Main table of station data for the 2014 APR period, including station names, coordinates, and observation times.

Main table of station data for the 1254 period, including station names, coordinates, and observation times.

Table with columns: WRA, DZM, KNRA, ASAR, ASAR, FITZ, PSAA, MJAR, MJAR, MAT, DLV, KSR, KSAR, NJ2, WHN, ASAJ, USA0B, USRB, ENH, MDJ, BJI, XAN, XAN, XAN, XAN, CM31, CM31, CMAR, CMAR, CHTO, KLR, HHC, HHC, PETK, PETK, LZH, LZH, LZH, LZH, LZH, HIA, LLN, SONM, SONM, LSA, LSA, TAPN, ODAN, YAK, RAMN, JIRN, GUN, GUN, PKI, VVDA, BILL, WMQ, WMQ, WMQ, WMQ, MK31, MKAR, MKAR, MAZK, ZALV, KSH, INAR, RMD, MLY, NIL, MCK, MCK, KURK, KURB, WRH, WRH, CCB, ILAR, ILAR, ILAR, ILAR, HYT, HYT, KK31, KK31, KKAR, KKAR

Table with columns: KKAR, DAWY, DAWY, YKA, BOS, GERES, GERES, TORD, BDFB

RSNC 17 18:12:30.7z 1.5, 6.54N, 76.36W, h7km, 5km, ML4.3, Mw4.4
NEIC 17 18:12:32.1z 2.4, 6.5N, 0.1, 76.42W, 0.09, h45km, 5km,
mb4.5/6, Error ellipse: s-maj=17.8km s-min=8.3km
az=214.0

IDC 17 18:12:33.9z 2.1, 6.56N, 76.27W, h57km, 19km, mb3.7/14,
mb1.4, 0.19, mb1mx3.8/33, mbtmp4.1/19, ML4.0, MG, MS3.8/11,
Ms1.3, 8.1/1, ms1mx3.6/33, Error ellipse: s-maj=15.6km
s-min=13.3km az=60.0

ISC 17 18:12:27.9, 1.1, 6.50N, 0.02, 76.43W, 0.02, h14km, 7km,
n90, c155214.1, mb4.5/26, MS3.9/8, 7C-4D, Northern

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

Table with columns: DR12, APG, APG, PTGA, PTGA, PTGA, CMIG, MDP, LPAZ, LPAZ, LPAZ, SIV, PBO1, PBO1, TXAR, TXAR, TXAR, BDFB, BDFB, SDCO, PV13, PV13, SRU, PDAR, PLCA, SCHG, G08A, G08A, YKA, YKA, DBIC, DBIC, ESDC, ESDC, ESDC, ESDC, BCDR, HDA, HDA, IL31, IL31, ILAR, ILAR, ILAR, PNT, TORD, TORD, BPAW, BPAW, TAM, TAM, FETA, FETA, RETA, MOTA, ABTA, GERES, GERES, GERES, GERES, FINES, FINES, HYB, ASAR, ASAR, CMAR, CMAR

IDC 17 18:31:41.8z 1.8, 11.43S, 162.82E, h0km, mb4.0/4,
mb1.4, 1.7, mb1mx3.8/34, mbtmp4.0/7, ML3.6, MS3.4/3,
Ms1.3, 4.9, ms1mx3.0/33, Error ellipse: s-maj=38.0km
s-min=24.6km az=60.0

NEIC 17 18:31:43.0z 1.4, 11.4S, 0.2, 163.0E, 0.1, h11km, 8km,
mb4.4/5, Error ellipse: s-maj=21.9km s-min=20.0km
az=175.0

ISC 17 18:31:46.7z 0.8, 11.39S, 0.08, 162.9E, 0.1, h35km, n23,
c1506/18, mb4.0/6, Bougainville-Solomon Islands region

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

MKAR Makanchi Array 91.87 317 P P 18 44 51.5 +0.1
MKAR Makanchi Array 91.87 317 P P 18 44 51.1 -0.3

IDC 17 18:32:18.3-308.0,3636N,114:38W,h0km,Error ellipse: s-maj=114.7km s-min=68.2km az=22.0, Southern Nevada
Code Station Name Az AZZ Phase ID Time Res ISC

JMA 17 18:49:09.8-0.1,24:61N-123:78E,h61km,2km,MO.7, Southwestern Ryukyu Islands
Code Station Name Az AZZ Phase ID Time Res ISC

JMA 17 18:49:34.7-0.1,24:66N-122:41E,h32km,2km,M1.9
TAP 17 18:49:34.3,24:73N,122:39E,h18km,ML2.4,C
ISC 17 18:49:34.2-0.9,24:71N,122:41E,0.02,h23km,5km,n43,e057/71,1D,Taiwan region

Code Station Name Az AZZ Phase ID Time Res ISC
EOS1 EOS1 0.30 237 I/P P 18 49 41.1 +0.1
EOS1 EOS1 0.30 237 I/P P 18 49 46.1 +0.6
TWB1 Santiao Chiao 0.48 308 eP P 18 49 43.7 -0.3

JKRS Kuro-shima 1.54 108 P S Pn 18 50 00.4 +0.2
JKRS Kuro-shima 1.54 108 P S Pn 18 50 19.2 -0.3
SSLB Suanglung 1.61 232 eP P 18 50 03.7 +0.4

JJU Ishigaki jima 1.62 106 P S Pn 18 50 01.1 -0.3
JJU Ishigaki jima 1.62 106 P S Pn 18 50 20.7 -0.9
TYC Yuchi 1.62 241 eP P 18 50 04.6 +1.2
YULB Yuli 1.66 218 eP Pn 18 50 02.6 +0.7
JISG Ishigakijimahi 1.74 94 P Pn 18 50 03.3 +0.3

TAP 17 18:50:01.0,24:74N,122:36E,h19km,1km,ML2.1,C, Taiwan region
Code Station Name Az AZZ Phase ID Time Res ISC
EOS1 EOS1 0.28 228 i/P P 18 50 07.9 +0.5
EOS1 EOS1 0.28 228 i/P P 18 50 13.1 +1.3
TWB1 Santiao Chiao 0.43 308 eP S 18 50 15.5 +0.4

IDC 17 19:03:04.2-6.1,16:74Sx173:59W,h0km,mb4.2/4, mb1.4/4, mb1mx3.8/38, mbtmp4.24, MS3.0/1, Ms1 3.0/1, ms1mx2.5/36, Error ellipse: s-maj=199.1km s-min=36.8km az=129.0
NEIC 17 19:03:11.8-0.7,16:55:02:174:1W,0.3,h35km,2km, mb4.4/3, Error ellipse: s-maj=54.9km s-min=9.1km az=125.0

ISC 17 19:03:11.4-3.0,16:65:06:174:0W,0.5,h35km,n13, a0533/11,mb4.3/6,Tonga Islands
Code Station Name Az AZZ Phase ID Time Res ISC
AFI Afiamalu 3.39 39 Op Pn 19 04 01.9 0.0
RAR Rarotonga 14.21 111 LR LR 19 11 08.5

IDC 17 19:03:27.4-2.0,43:83N-105:44W,h0km,mb1 3.5/3, mb1mx3.2/51, mbtmp3.3/3,ML2.7/2, Error ellipse: s-maj=50.1km s-min=9.4km az=149.0
NEIC 17 19:03:28.1-1.4,43:82N,0.04:105:20W,0.06,h0km,2km, ML3.3/66, Error ellipse: s-maj=8.6km s-min=5.1km az=313.0

ISC 17 19:03:26.9-1.0,43:76N,105:51W,h0km,n72, a162/70,Wyoming
Code Station Name Az AZZ Phase ID Time Res ISC
RSSD Black Hills 0.93 67 P Pn 19 03 45.8 +1.0
K22A Casper 1.46 221 P Pn 19 03 54.3 -0.4

FLWY comp=N,31nm,2.8s IAML 19 05 41.8
SNOW Snow King Moun 4.03 268 IAML Pn 19 04 31.7 +1.6

SNOW comp=N,53nm,0.8s IAML 19 05 46.3
SNOW comp=N,39nm,1.0s IAML 19 05 54.4
YPP Pitchstone Pla 4.06 279 Pn 19 04 31.9 +1.4

REDW Red Top Meadow 4.11 266 IAML 19 04 32.6 +1.4
REDW comp=N,42nm,0.9s IAML 19 05 50.0
REDW comp=N,50nm,1.6s IAML 19 05 54.2

IMW Indian Meadow 4.14 274 IAML Pn 19 04 33.1 +1.5
IMW comp=N,26nm,0.6s IAML 19 05 05.7
TPAW Teton Pass 4.17 268 IAML Pn 19 04 33.9 +1.9

TPAW comp=N,38nm,0.9s IAML 19 05 57.7
YHH Holmes Hill 4.17 286 Pn 19 04 34.0 +1.9
FXWY Fox Creek 4.21 270 Pn 19 04 34.1 +1.5

YMR Madison River 4.23 284 Pn 19 04 34.1 +1.3
O20A White River Ci 4.26 213 IAML Pn 19 05 46.1
O20A comp=E,42nm,0.7s IAML 19 05 57.9

E28A Huff 4.27 47 IAML Pn 19 04 31.7 -1.4
E28A comp=E,66nm,0.9s IAML 19 05 03.4
YHB Horse Butte 4.40 285 Pn 19 04 36.2 +1.0

AHID Auburn Hatcher 4.40 259 IAML 19 04 37.6 +2.4
AHID comp=E,32nm,0.9s IAML 19 06 02.3
YHL Hebggen Lake 4.41 286 Pn 19 04 36.0 +0.5

RDMU Red Mountain 4.53 227 Pn 19 04 39.1 +2.1
SUSD Miller 4.57 79 Pn 19 04 36.3 -0.9
SMCO Snowmass 4.76 197 IAML Pn 19 05 03.5

SMCO comp=E,16nm,0.6s IAML 19 06 04.5
DGMT Dagmar 4.77 8 Pn 19 04 41.8 +1.8
KSCO Kaye Shodock 5.13 157 Pn 19 04 55.5 +0.5

HWUT Hardware Ranch 5.14 247 IAML 19 04 46.0 +0.6
HWUT comp=E,26nm,1.0s IAML 19 06 28.1
HWUT comp=E,32nm,0.8s IAML 19 06 28.4

EGMT Eagleton 5.31 325 IAML Pn 19 04 47.7 +0.1
EGMT comp=E,32nm,0.7s IAML 19 06 28.4
LRM Limekiln Ridge 5.54 294 Pn Pn 19 04 52.1 +1.2

PV17 Big Mesa, Par 5.87 202 Pn Pn 19 04 57.2 +1.9
PV07 Paradox Valley 5.91 207 Pn Pn 19 04 57.2 +1.3
PV21 Cone Mtn., Par 5.91 210 Pn Pn 19 04 57.4 +1.4

PV15 Paradox Valley 5.94 206 Pn Pn 19 04 57.3 +0.9
P17A Butcher Ranch, 5.95 226 Pn Pn 19 04 57.5 +1.0
SDCO Great Sand Dun 6.01 182 Pn Pn 19 04 57.8 +0.5

PV23 Carpenter Ridg 6.02 210 Pn Pn 19 04 58.5 +1.4
PV09 Paradox Valley 6.02 211 Pn Pn 19 04 59.4 +1.8
PV04 Paradox Valley 6.04 209 Pn Pn 19 04 59.9 +2.3

PV14 Lion Creek, Pa 6.10 209 Pn Pn 19 05 00.1 +1.6
PV10 Paradox Valley 6.10 209 Pn Pn 19 05 02.5 +4.0
PV20 West Nyswonger 6.10 209 Pn Pn 19 05 02.7 +2.1

PV11 David Mesa, Pa 6.11 208 Pn Pn 19 05 02.7 +1.5
PV16 Nyswonger Mesa 6.11 208 Pn Pn 19 05 01.4 +2.7
SRU San Rafael Swe 6.12 222 Pn Pn 19 04 59.9 +1.2

PV03 Paradox Valley 6.14 208 Pn Pn 19 05 01.2 +2.1
PV02 Paradox Valley 6.15 207 Pn Pn 19 05 01.7 +2.5
PV17 Great Wiray Mesa 6.16 209 Pn Pn 19 05 01.6 +1.3

17d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BAGO Egridir- ISPA, BASKI Basmaki-Afyon, KONYA_Doganhis, AFYON_Kizioresn, etc.

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Table with columns: KULLU Kulu, KULU Konya-Kulu, KKUL, KKUL, etc. Includes stations like DEMI Demirci, BORA Eskisehir, YERK Yerkesk, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRO Warramunga Arr, WBO Warramunga Arr, WB2 Warramunga Arr, etc.

IPEC 17 19:46:50.3±0.1, 47.57N;15:48E, h4km, ML1.7/7, Error ellipse: s-maj=0.6km s-min=0.5km az=77.0 PRU 17 19:46:51.2±0.0, 47.59N;15:46E, h5km

IPEC 17 19:47:21.7±0.2, 49.85N;18:56E, h1km, 3km, ML1.4/3, Error ellipse: s-maj=1.8km s-min=1.1km az=164.0 PRU 17 19:47:21.8±0.0, 49.84N;18:56E, h0km, Mining Induced Event Darkov, E=1.3e+04

ZUR 17 19:49:06.8, 47.51N;8:92E, h10km, 1km, MLH1.0/13, 7C, Error ellipse: s-maj=3.0km s-min=0.7km az=55.0, Switzerland

17d 21h

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Wood River Hill, Cirque, Gilahina Butte, etc.

KRNET 17:21:02:44.6:0.1, 42:64N:78:80E, h20km, mb2.2
NMC 17:21:02:44.8:0.8, 42:67N:78:80E, h0km, mb2.6, mpv2.2

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Przheval'sk, Saty, Uzynbulak, etc.

2014 APR

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like DJR, ULHL, ULHL, BOOM, etc.

IDC 17:21:08:50.6:0.7, 7:16S:154:86E, h0km, mb4.3/1.5,
mb1.4/1.7, mb1mx4.3/3.5, mbtmp4.3/1.7, ML4.1/2, MS3.2/5,
Ms1.3/3.5, ms1mx2.8/4.0, Error ellipse: s-maj=20.7km

Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Rabaul, KRVAT, HNR, etc.

1260

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CROM, GLB, CCB, etc.

KRNET 17:21:05:50.0:0.1, 41:31N:77:99E, h13km, mb3.4
SOME 17:21:10:49.8, 41:30N:78:03E, h10km

NMC 17:21:10:52.5:1.3, 41:36N:78:01E, h20km, mb3.8, mpv3.5,
Error ellipse: s-maj=9.0km s-min=6.5km az=169.0

Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KDJ, PRZ, PRZ, etc.

17d 21h

Table of astronomical observations for 17d 21h, listing station names (e.g., MK31, MKAR), object names (e.g., Makanchi Array), coordinates, and various parameters like elevation and SNR.

2014 APR

Table of astronomical observations for 2014 APR, listing station names (e.g., ULM, SORM), object names (e.g., Lac du Bonnet), coordinates, and various parameters like elevation and SNR.

1262

Table of astronomical observations for 1262, listing station names (e.g., PV18, PV03), object names (e.g., Skain Mesa, Pa), coordinates, and various parameters like elevation and SNR.

Technical notes and metadata for the 1262 observations, including coordinates, station names, and observation parameters.

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Table with columns: ORTC, comp-Z, station name, Az, El, Pn, Sn, Time, Res, ISC. Includes stations like GR1C Gorgona, Isla, PCON Cincin Dias, TOLC Tolima, etc.

IDC 17:21:38:18.1±1.7, 7.33S, 154.97E, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.6/4.1, mbtmp3.6/7, ML3.6/1, MS3.6/1, Ms1 3.6/1, ms1mx2.5/3.1, Error ellipse: s-maj=47.4km s-min=28.3km az=129.0

ISC 17:21:38:24.1±1.1, 7.15S±0.2, 154.7E±0.2, h31km, n9, e1979/9, mb3.7/6, Bougainville-Solomon Islands region

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

IDC 17:21:47:52.5±2.6, 7.18S, 154.93E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.5/3.7, mbtmp3.6/4, MS2.7/1, Ms1 2.7/1, ms1mx2.3/2.9, Error ellipse: s-maj=115.7km s-min=33.4km az=128.0, Bougainville-Solomon Islands region

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

DNK 17:21:55:28.7±0.3, 51.38N, 15.89E, h0km, 38km, Hypocentre not reviewed by the ISC
PRU 17:21:55:31.7±0.0, 51.44N, 16.20E, h0km
IDC 17:21:55:32.0±0.8, 51.47N, 16.02E, h0km, mb1 3.4/8, mb1mx3.2/5.5, mbtmp3.3/8, ML2.8/8, Error ellipse: s-maj=16.0km s-min=6.9km az=115.0
VIE 17:21:55:32.5±1.4, 11N, 16.16E, h0km, ML2.9/3 69 km

W/W of Wroclaw Suspected Mining induced.
ISC 17:21:55:29.9±0.7, 51.55N, 0.03, 16.27E, h0km, n51, e1862/97, Poland

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, KHC Chvalec, CHVC Chvost, OSTC Ostas, etc.

MEX 17:21:56:41.1±0.7, 14.39N, 92.61W, h44km, 29km, MD3.6
GCG 17:21:56:43.6±0.3, 14.71N, 92.24W, h63km, 7km, MD3.9
ISC 17:21:56:39.2±2.9, 14.4N, 0.1, 92.61W, h0, h34km, 4km, n9, e1912/10, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG, ERG, STG3, etc.

IDC 17:22:14:18.8±0.6, 6.59S, 130.13E, h144km, 6km, mb3.9/14, mb1 4.0/18, mb1mx3.8/4.0, mbtmp4.4/18, MS4.1/1, Ms1 4.1/1, ms1mx2.6/3.6, Error ellipse: s-maj=17.9km s-min=13.7km az=76.0

DJA 17:22:14:19.0±0.2, 7.52S, 13.10E, h145km, 3km, M4.7/34, mb5.2/19, mb5.2/1, mb4.9/2, mb4.7/34, MLV4.9/14, Mw(mb)4.6/19, Mw(mb)4.5/14
NEIC 17:22:14:19.6±2.2, 6.39S, 0.04, 130.10E, h154km, 7km, mb4.5/37, Error ellipse: s-maj=9.6km s-min=2.2km

ISC 17:22:14:19.6±0.5, 6.50S, 0.04, 130.16E, h152km, 5km, h153km, pP, n139, e1966/143, mb4.4/35, 1D, Banda Sea

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, BNDI Bandanaira, etc.

17d 22h

Table with columns: CMAP, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Chiang Mai Arr, Nanjing, Lanzhou, etc.

2014 APR

Table with columns: RAYN, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Torodi Ar. Bea, Uzunbulak, etc.

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Table with columns: TNSS, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Chushukly, Kasket, etc.

JCU	S	Sn	22 56 43.8	-7.8
TEY	comp=Z,6.8nm,0.3s,baz=150,slow=20,SNR=2.1	Pn	22 55 15.8	+3.0
TEY	Ternei	9.32 345f eP		
TEY	comp=Z,10.0nm,0.9s	pmax		
TEY	comp=E,30nm,1.4s	pmax		
TEY	comp=N,90nm,1.4s	pmax		
TEY	comp=Z,70nm,1.4s	pmax		
MSHR	Mys Shuitsa	9.41 317 cEP	22 55 16.3	+2.3
KSRS	Korea Arra	9.73 282 P	22 55 19.5	+1.1
KSRS	comp=Z,2.0nm,0.3s,baz=95,slow=14,SNR=57	LR		
KSRS	comp=Z,752nm,20.4s,baz=78,slow=37	LR	22 58 57.6	
KS19	Wonju Array Si	9.78 282 P	22 55 20.0	+1.0
TJN	Taejon	10.15 276 cEP	22 55 28.1	+4.0
USA0B	Ussuriysk Arra	10.15 326 P	22 55 25.2	+1.1
USA0B	Ussuriysk Arra	10.15 326 P	22 55 25.2	+1.1
USRK	Ussuriysk Ar.	10.15 326 P	22 55 25.8	+1.7
USRK	baz=134,slow=14,SNR=29	LR		
USRK	comp=Z,468nm,21.0s,baz=154,slow=36	LR	22 59 02.0	
KUR	Kuril'sk	10.98 31 eP	22 55 37.1	+1.7
KUR		eS	22 57 32.2	-4.4
KUR	comp=N,26nm,0.3s	pmax		
KUR	comp=Z,83nm,0.3s	pmax		
KUR	comp=E,50nm,0.1s	pmax		
YSS	Yuzh-Sakhalins	11.10 10 eP	22 55 37.0	-0.1
YSS	comp=Z,800nm,18.0s	MLR		
MDJ	Mudanjiang	11.62 321 P	22 55 49.4	+5.2
MDJ		S	22 58 00.4	+8.0
MDJ	comp=Z,46nm,1.1s	pmax		
MDJ	comp=Z,210nm,5.9s	pmax		
MDJ	Mudanjiang	11.62 321 Pn	22 55 45.8	+1.6
JOW	Kunigami	13.52 230 Pn	22 56 11.1	+0.8
CN2	Changchun	13.53 309 eS	22 56 14.3	-3.3
CN2		eS	22 56 29.8	+2.0
CN2		pmax	22 58 45.3	+6.6
CN2	comp=Z,20nm,0.9s	LR		
CN2	comp=N,270nm,17.0s	LR		
CN2	comp=E,240nm,17.0s	LR		
CN2	comp=Z,960nm,18.0s	LR		
KLR	Kul'dur	14.47 338 P	22 56 22.6	-0.1
DL2	Kul'dur	14.47 338 cEP	22 56 22.0	-0.7
DL2	Dalian	14.80 287 P	22 59 18.8	-6.7
DL2		S		
DL2	comp=Z,25nm,1.4s	pmax		
DL2	comp=Z,200nm,4.9s	LR		
DL2	comp=N,190nm,11.8s	LR		
DL2	comp=E,470nm,15.0s	LR		
DL2	comp=Z,530nm,15.3s	LR		
SSE	Sheshan	16.37 258 Pn	22 56 47.4	+0.2
SSE		IAMB	22 56 51.9	
NJ2	Nanjing	17.90 263 eP	22 57 07.0	+0.9
NJ2		pmax		
TIA	Taian	18.41 277 P	22 57 10.8	-1.0
TIA		S	23 00 31.1	-6.2
TIA	comp=Z,17nm,1.9s	LR		
TIA	comp=E,270nm,16.1s	LR		
TIA	comp=Z,370nm,19.6s	LR		
BJI	Beijing	19.10 289 P	22 57 19.0	-0.3
BJI		pmax		
BJT	Baijiatuu	19.11 289 P	22 57 19.5	+0.1
BJT		pmax		
BJT	Baijiatuu	19.11 289 P	22 57 19.5	+0.1
MACB	Ninganchiao	19.74 238 P	22 57 27.0	+0.6
ZEA	Zeya	19.78 337 eP	22 57 26.7	+0.1
ZEA		pmax		
ZEA	comp=Z,30nm,0.7s	pmax		
SSLB	Suanguang	20.44 238 P	22 57 34.7	+0.7
YULB	Yuli	20.46 237 P	22 57 34.8	+0.6
TPUB	Ta-pu	20.98 238 P	22 57 38.5	-1.4
PETK	Petrovsk	21.14 31 P	22 57 43.1	+1.7
WHN	Wuhan	22.04 263 P	22 57 51.1	+0.1
WHN		S	23 01 44.9	-6.0
WHN	comp=N,290nm,8.5s	LR		
WHN	comp=E,750nm,15.0s	LR		
WHN	comp=Z,710nm,12.8s	LR		
HHC	Hu-ho-hao-te	22.67 291 eP	22 57 57.4	-0.5
HHC		pmax		
HHC	comp=Z,7.0nm,0.8s	pmax		
HHC	comp=Z,59nm,4.8s	pmax		
HHC	comp=N,80nm,12.4s	LR		
HHC	comp=E,130nm,13.4s	LR		
HHC	comp=Z,150nm,11.6s	LR		
MA2	Magadan	24.58 13 P	22 58 16.4	+0.7
MA2	comp=Z,15nm,0.7s,baz=203,slow=8,SNR=10	P		
MA2	Magadan	24.58 13 cEP	22 58 16.7	+1.1
MA2		pmax		
MA2	comp=Z,25nm,1.3s	IAMB	22 58 16.6	+0.9
MA2		IAMB	22 58 18.3	
XAN	Xi'an	25.41 275 P	22 58 22.3	-1.2
XAN		pP	22 58 40.1	+2.8
XAN		S	23 03 04.4	+1.8
XAN		SS	23 03 46.8	
XAN	comp=Z,8.0nm,0.8s	pmax		
XAN	comp=Z,99nm,3.8s	pmax		
XAN	comp=N,210nm,20.6s	LR		
XAN	comp=E,170nm,21.7s	LR		
XAN	comp=Z,220nm,22.8s	LR		
ENH	Enshi	26.05 266 IAMB	22 58 29.5	
YAK	Yakutsk	26.79 349 eP	22 58 31.0	-4.6
YAK		ePP	22 58 43.2	-6.3
YAK		ePPP	22 59 16.3	
YAK		ePPP	22 59 41.7	
YAK		eS	23 01 55.1	
YAK		eS	23 03 04.3	-3.1
YAK		eSS	23 03 01.0	-0.2
YAK	comp=Z,11nm,0.8s	pmax		
YAK	comp=N,14nm,1.5s	pmax		
YAK	comp=E,5.0nm,1.4s	pmax		
YAK	comp=Z,42nm,1.6s	pmax		
YAK	comp=N,48nm,1.5s	pmax		
YAK	comp=E,29nm,2.3s	smax		
YAK	comp=N,42nm,1.9s	smax		
YAK	comp=E,67nm,2.3s	MLR		

YAK	comp=Z,318nm,27.0s	MLR	MLR	
YAK	comp=N,383nm,24.0s	MLR	MLR	
ULN	comp=E,108nm,17.0s	MLR	MLR	
ULN	Ulanbatar	26.94 306 cEP	22 58 36.7	-0.6
ULN		pmax		
ULN	comp=Z,11nm,1.3s	P	22 58 37.3	0.0
SOMM	Ulanbatar	26.94 306 P	22 58 39.8	-1.3
SOMM	Songino Array	27.36 306 P		
BOD	Bodaibo	27.75 330 eP	22 58 43.3	-0.9
BOD		pmax		
SEY	Seymchan	28.00 12 P	22 58 47.0	+0.6
SEY	comp=Z,3.0nm,0.8s,baz=178,slow=8.7,SNR=7.3	P		
LZH	Lanzhou	29.06 281 eP	22 58 57.8	+1.4
LZH		pP	22 59 11.3	+0.9
LZH		sP	22 59 18.3	+1.3
LZH		ePP	22 59 53.0	-1.0
LZH		pmax		
LZH	comp=Z,25nm,1.3s	pmax		
LZH	comp=Z,86nm,5.0s	LR		
LZH	comp=N,470nm,12.9s	LR		
LZH	comp=E,470nm,13.2s	LR		
LZH	comp=Z,720nm,16.0s	LR		
GYA	Guiyang	29.87 261 iP	22 59 02.8	-0.8
GYA		sP	22 59 23.1	-1.1
GYA		pP	23 00 01.0	-0.6
GYA		S	23 00 54.9	-2.0
GYA		SS	23 05 34.8	+2.8
GYA		pmax		
GYA	comp=Z,20nm,1.0s	pmax		
GYA	comp=Z,70nm,4.0s	LR		
GYA	comp=N,110nm,5.0s	LR		
GYA	comp=E,90nm,6.8s	LR		
GYA	comp=Z,100nm,5.2s	LR		
ZAK	Zakamensk	29.96 310 eP	22 59 02.2	-1.9
ZAK		pmax		
TLY	Talaya	30.09 313 P	22 59 05.1	-0.1
TLY	Talaya	30.09 313 IAMB	22 59 06.8	
CD2	Chengdu	30.48 271 eP	22 59 09.4	+0.6
CD2		S	23 04 07.3	+1.1
CD2	comp=Z,40nm,0.5s	pmax		
CD2	comp=E,340nm,17.7s	LR		
CD2	comp=Z,490nm,18.6s	LR		
GTA	Gaotai	31.71 288 P	22 59 20.0	+0.2
GTA		pP	22 59 33.4	-0.4
GTA		sP	22 59 40.3	-0.1
GTA		pmax		
GTA	comp=Z,5.0nm,1.0s	pmax		
GTA	comp=Z,34nm,4.6s	LR		
GTA	comp=N,110nm,14.1s	LR		
GTA	comp=E,140nm,17.5s	LR		
GTA	comp=Z,160nm,16.1s	LR		
KMI	Kunming	33.62 262 P	22 59 36.0	-0.7
KMI		pmax		
BILL	Bilibino	35.31 17 eP	22 59 50.1	-0.4
BILL		e	23 01 09.7	
BILL		e	23 02 21.5	
BILL	comp=Z,5.0nm,1.3s	P	22 59 51.2	+0.7
BILL		P	22 59 57.0	-0.5
TIXI	Tiksi	36.13 354 P	22 59 55.8	-1.7
TIXI	Tiksi	36.13 354 cEP		
TIXI		pmax		
TIXI	Tiksi	36.13 354 P	22 59 55.8	-1.7
TIXI	Ternate	36.98 201 P	23 00 06.6	+1.3
DLV	T Lat	37.14 238 P	23 00 06.1	-0.8
DLV		IAMB	23 00 07.8	
SWI	Sorong	37.60 194 P	23 00 11.8	+1.3
SWI	comp=Z,11nm,comp=Z,14nm,0.8s	P	23 00 17.9	+0.9
JAY	Jayapura	38.37 179 P	23 00 33.8	+2.5
JAY	comp=Z,2.7nm,0.8s,baz=323,slow=15,SNR=2.2	pP	23 00 18.0	+0.9
JAY	Jayapura	38.37 179 P	23 00 25.6	+8.0
JAY	Jayapura	38.37 179 P	23 00 25.6	+8.0
GENI	Geniem	38.44 180 P	23 00 25.5	+0.8
NIKH	Nikolski High	39.33 48 P	23 00 27.4	+1.6
FAKI	Fakalski	39.42 192 P	23 00 29.1	
FAKI		IAMB		
CHTO	Chiang Mai	39.88 256 P	23 00 29.5	-0.2
CHTO		pmax		
CHTO	comp=Z,3.0nm,0.9s	P	23 00 29.5	-0.2
CHTO	Chiang Mai	40.00 307 P	23 00 30.0	-1.3
DMGZ	Chiang Mai Arr	40.08 255 P	23 00 30.0	-1.3
DMGZ	comp=Z,0.9nm,0.9s,baz=46,slow=6.7,SNR=2.4	P		
CMAR	comp=Z,0.9nm,0.4s,baz=18,slow=2.5,SNR=6.5	P	23 02 37.2	+2.0
GAMB	Gambell	40.18 31 P	23 00 32.6	+1.1
GAMB		IAMB	23 00 38.8	
WMQ	Urumqi	40.22 298 eP	23 00 33.9	+1.6
WMQ		sP	23 00 54.1	+0.9
WMQ		pmax		
WMQ	comp=Z,11nm,1.1s	pmax		
WMQ	comp=Z,51nm,4.5s	LR		
WMQ	comp=N,99nm,28.9s	LR		
WMQ	comp=E,620nm,28.9s	LR		
WMQ	comp=Z,81nm,26.9s	LR		
LSA	Lhasa	41.10 276 P	23 00 41.3	+1.1
LSA		pmax		
LSA	comp=Z,81nm,0.9s	P	23 00 40.0	-0.2
LSA		pmax		
LSA	comp=Z,18nm,0.8s	P	23 00 40.0	-0.2
LSA		IAMB	23 00 42.5	
AKUT	Akutan	41.24 46 P	23 00 39.2	-1.2
ZALV	Zalesovo Beam	41.70 313 P	23 00 44.1	-0.1
ZALV	comp=Z,23nm,0.7s,baz=92,slow=6.2,SNR=9.5	P		
ZALV		P	23 02 40.0	+0.1
SBUM	Sibu	42.12 224 P	23 00 46.0	-2.0
SHL	Shillong	42.19 269 P	23 00 47.3	-1.5
SHL		pmax		
SHL	comp=Z,17nm,0.8s	pmax		
SHL	Shillong	42.19 269 P	23 00 47.3	-1.5
SHL		IAMB	23 00 48.6	
MK31	Makanchi Array	43.63 303 IAMB	23 01 01.6	
MKAR	Makanchi Array	43.63 303 P	23 00 60.0	-0.1
MKAR	comp=Z,11nm,0.8s,baz=86,slow=8.8,SNR=68	P		
MKAR	Makanchi Array	43.63 303 I/P	23 02 46.7	+0.2
MKAR		pmax		
MKAR	comp=Z,12nm,0.8s	P	23 00 59.7	-0.3
NRIK	Noril'sk	43.72 266 P	23 02 47.7	+1.5
NRIK		P		
BRDH	Baradiala	43.72 266 P	23 01 01.9	+0.9
BRDH	comp=Z,2.9nm,0.7s,baz=261,slow=1.9,SNR=3.9	P		
BRDH	Baradiala	43.72 266 P	23 01 01.9	+0.9
BRDH	comp=Z,94nm,0.4s,baz=83,slow=9.4,SNR=3.6	P		
MAKZ	Makanchi	43.84 303 P	23 01 01.7	0.0
MAKZ		pmax		
MAKZ	comp=Z,15nm,1.0s	pmax		

MAKZ	Makanchi	43.84 303 P	23 01 01.7	0.0
MAKZ		IAMB	23 01 03.4	
KSM	Kuching	44.00 225 IAMB	23 01 05.3	
SDPT	Sand Point	44.35 45 P	23 01 04.5	-1.1
SDPT		IAMB	23 01 07.6	
TAPN	Red Dog Mine	44.81 274 eP	23 01 09.6	-0.4
RDOG	Red Dog Mine	44.92 27 P	23 01 16.6	+0.5
RDOG		IAMB	23 01 16.7	
KAPI	Kappang	45.01 209 P	23 01 11.5	+0.2
KAPI		pmax		
KAPI	comp=Z,11nm,1.1s	P	23 01 11.5	+0.2
KAPI	Kappang	45.01 209 P	23 01 13.6	
KAPI		IAMB		
ODAN	Odare	45.27 274 eP	23 01 13.3	-0.3
KURK	Kurchatov	45.60 309 cEP	23 01 14.2	-1.4
KURK		pmax		
KURK	comp=Z,80nm,1.3s	pmax</		

17d 22h

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like CN2, YAK, WRM, COLA, etc.

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Table with columns for station call letters, frequency, time, and other parameters. Includes stations like XAN, WRM, COLA, etc.

1268

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like WMQ, KMI, MKAR, etc.

1269

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like DMN Daman, GKN Myrtle Point, and many others.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PNTR Pine Nut, EGMT Eagon, FCC Fort Churchill, and many others.

17d 22h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like HEC Hector Ludlow, CCUT Cedar City, VRH Novokhopovsk, and many others.

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KIV	comp=Z,13nm,1.1s		pmax	pmax	
KIV	Kislovodsk	70.92 314	P	P	23 11 03.5 +0.2
KBZ	Khabaz	70.99 314	P	P	23 11 03.4 -0.1
KBZ	comp=Z,2.2nm,0.6s,baz=65,slow=8.8,SNR=8.9		LR	LR	23 45 51.7
KSCO	comp=Z,2.26nm,18.2s,baz=42,slow=39		P	P	23 11 05.8 +2.0
ZEI	Kaye Shedlock	70.99 53	P	P	23 11 05.7 +0.7
ZEI	Tsey	71.17 313	eP	pmax	
T25A	comp=Z,4.0nm,0.6s	71.32 56	P	P	23 11 07.4 +1.4
SPMN	Marine on St.	71.49 43	P	P	23 11 07.3 +0.8
SPMN	Marine on St.	71.49 43	IAMB	IAMB	23 11 08.1
AKASG	Malin Array Be	71.64 326	P	P	23 11 06.2 -1.1
AKASG	comp=Z,10.0nm,0.6s,baz=34,slow=6.2,SNR=41		LR	LR	23 44 55.4
AKBB	comp=Z,156nm,19.5s,baz=20,slow=38		IAMB	IAMB	23 11 07.0
AKBB	Malin Array S1	71.64 326	IAMB	IAMB	
BGNE	Belgrade	71.66 49	P	P	23 11 08.4 +0.7
ANMO	Albuquerque	71.68 58	P	pmax	23 11 09.6 +1.5
ANMO	comp=Z,8.0nm,1.0s		pmax	pmax	
ANMO	Albuquerque	71.68 58	P	P	23 11 09.8 +1.7
ANMO	Albuquerque	71.68 58	P	P	23 11 09.6 +1.5
AS31	Alice Springs	72.27 199	P	P	23 11 13.2 +1.9
ASAR	Alice Springs	72.27 199	P	P	23 11 11.3 -0.1
ASAR	comp=Z,1.5nm,0.8s,baz=19,slow=5.9,SNR=8.8		LR	LR	23 44 26.4
AKH	Alkhalkalak	72.39 312	PP	PP	23 11 13.2 +1.0
121A	Cookes Peak, D	72.58 61	P	P	23 11 15.9 +2.4
121A	Cookes Peak, D	72.58 61	IAMB	IAMB	23 11 16.7
SOC	Sochi	72.64 316	eP	P	23 11 12.1 -1.4
SOC			ePPP	PPP	23 13 54.3
SOC			eS	SS	23 15 42.4
SOC			eSS	SS	23 20 27.2 -8.4
SOC			pmax	pmax	23 25 16.8 +2.5
G40A	comp=Z,4.0nm,0.5s	72.66 41	IAMB	IAMB	23 11 14.4
G40A	Rib Lake	72.66 41	IAMB	IAMB	
CBKS	Cedar Bluff	72.70 52	P	P	23 11 14.3 +0.3
CBKS	Cedar Bluff	72.70 52	IAMB	IAMB	23 11 15.1
PALK	Pallekele	72.88 262	P	P	23 11 16.3 +1.0
PALK	comp=Z,2.2nm,0.8s		P	P	
HSIG	Pallekele	72.88 262	P	P	23 11 15.0 -0.3
F42A	Maple Grove Fa	73.21 40	P	P	23 11 17.3 +0.9
F42A	Maple Grove Fa	73.21 40	IAMB	IAMB	23 11 15.8 -1.0
SCHO	Schefferville	73.23 23	P	P	23 11 17.3 +0.5
SCHO	comp=Z,16nm,1.1s,baz=349,slow=3.6,SNR=7.4		pP	pP	23 11 25.7 -1.6
SCHO	Schefferville	73.23 23	IAMB	IAMB	23 11 30.8
K38A	Parkersburg	73.44 45	IAMB	IAMB	23 11 32.1
SRIG	Santa Rosalia	73.45 68	P	P	23 11 19.9 +1.4
SRIG	Santa Rosalia	73.45 68	IAMB	IAMB	23 11 37.3
E44A	Grand Marais A	73.49 38	P	P	23 11 19.4 +1.0
I40A	Norwalk	73.52 43	IAMB	IAMB	23 11 19.5
R32A	Long Quarter	73.54 51	P	P	23 11 19.1 +0.1
RGN	Rugen	73.56 37	P	P	23 11 19.1 +0.5
SCIA	State Center	73.78 46	P	P	23 11 21.2 +1.0
SORM	Soro	74.05 325	PP	PP	23 11 20.7 -0.9
D46A	Sault Ste. Mari	74.07 37	P	P	23 11 21.5 -0.3
KSU1	Kansas State U	74.16 49	P	P	23 11 22.3 -0.2
MAT0	Matagami	74.20 32	P	P	23 11 22.7 +0.1
L42A	L'vov	74.28 329	eP	P	23 11 23.4 +0.4
D47A	Draeger Farm,	74.30 42	IAMB	IAMB	23 11 24.4
D47A	Chapleau	74.32 36	P	P	23 11 22.6 -0.7
H43A	Windswept, Lux	74.37 41	P	P	23 11 23.8 +0.2
H43A	Windswept, Lux	74.37 41	IAMB	IAMB	23 11 25.1
E46A	Sault Ste Mari	74.37 39	P	P	23 11 23.7 +0.1
F45A	CMU Biological	74.40 39	P	P	23 11 24.2 +0.4
JFWS	Jewell Farm	74.44 43	P	pmax	23 11 23.7 -0.4
JFWS	Jewell Farm	74.44 43	P	pmax	
JFWS	Jewell Farm	74.44 43	P	P	23 11 24.2 +0.2
JFWS	Jewell Farm	74.44 43	P	P	23 11 23.7 -0.4
AMTX	Amarillo	74.47 56	P	P	23 11 25.9 +1.4
AMTX	Amarillo	74.47 56	IAMB	IAMB	23 11 42.8
MSTX	Muleshoe	74.51 57	P	P	23 11 26.1 +1.4
MSTX	Muleshoe	74.51 57	IAMB	IAMB	23 11 26.8
MNTX	Cormuda Mount	74.61 60	P	P	23 11 26.5 +1.3
L40A	Anamosa	74.63 44	IAMB	IAMB	23 11 26.1
E47A	Iron Bridge	74.73 37	P	P	23 11 25.5 -0.2
D48A	Paudash Townsh	74.75 35	P	P	23 11 25.1 -0.6
G45A	Suttons Bay	74.85 39	P	P	23 11 26.9 +0.5
G45A	Suttons Bay	74.85 39	P	P	23 11 26.3 -0.1
MILM	Milestii Mici	74.85 324	PP	PP	23 11 25.8 -0.6
U32A	Winter Ranch,	74.88 53	P	P	23 11 26.5 -0.3
KWP	Kalwaria Pacia	74.91 329	eP	P	23 11 26.6 -0.1
G46A	Potosky	74.97 38	P	P	23 11 27.7 +0.6
IAS	Iasi	75.13 325	PP	PP	23 11 27.8 -0.1
E48A	Lockeyer	75.16 36	P	P	23 11 28.0 -0.2
I45A	Fountain	75.39 40	P	P	23 11 30.7 +1.1
I45A	Fountain	75.39 40	P	P	23 11 29.1 -0.4
OJC	Ojcow	75.40 331	eP	P	23 11 29.2 -0.3
L42A	Oliver, Polo	75.41 43	IAMB	IAMB	23 11 30.4
LEOM	Leova	75.44 324	PP	PP	23 11 29.7 0.0
GLMI	Grayling	75.47 39	P	P	23 11 31.2 +1.2
GLMI	Grayling	75.47 39	P	P	23 11 29.3 -0.7
VASR	Vaslui	75.49 325	PP	PP	23 11 30.0 0.0
K43A	Burlington	75.49 42	P	P	23 11 28.9 -1.3
K43A	Burlington	75.49 42	IAMB	IAMB	23 11 31.0
D50A	G1974 Best Tow	75.53 34	P	P	23 11 30.0 -0.3
KOLS	Kolonické sedl	75.65 329	eP	pmax	23 11 30.6 -0.4
KOLS	Kolonické sedl	75.65 329	pmax	pmax	
KOLS	Kolonické sedl	75.65 329	eP	IAMB	23 11 30.6 -0.4
BURAR	Bucovina Array	75.68 327	PP	PP	23 11 31.1 -0.2
D51A	Lot 18 Range I	75.77 34	P	P	23 11 31.4 -0.2
F49A	Fieldfield	75.80 36	P	P	23 11 31.9 +0.1
J45A	Montague	75.80 40	P	P	23 11 32.6 +0.8
I46A	Reed City	75.82 40	P	P	23 11 32.7 +0.8
T35A	Sooner Cattle	75.83 51	IAMB	IAMB	23 11 33.6
BIR	Birlad	75.86 325	PP	PP	23 11 32.6 +0.5
BIZ	Biczac	75.90 326	PP	PP	23 11 32.6 -0.2
NIE	Niedzica	75.92 331	eP	P	23 11 33.0 +0.5

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TESR	Tescani	76.04 325	PP	P	23 11 32.9 -0.3
I47A	Gladwin	76.16 39	P	IAMB	23 11 34.1 +0.2
E51A	comp=Z,18nm,1.0s	76.18 35	P	P	23 11 33.7 -0.3
E51A	G1948 Merrick	76.18 35	P	P	
WMOK	Wichita Mounta	76.21 54	P	P	23 11 35.3 +0.9
WMOK	Wichita Mounta	76.21 54	P	P	
DIKM	Dikmen	76.24 317	PP	P	23 11 34.6 +0.2
TRPA	Tarpa	76.24 329	PP	P	23 11 34.5 +0.2
NRDL	Niedersach Rie	76.25 338	eP	P	23 11 35.3 +1.1
NRDL	Niedersach Rie	76.25 338	eP	P	
OSTC	Ostas	76.25 333	eP	P	23 11 33.0 -1.4
OSTC	Ostas	76.25 333	eP	P	
CHVC	Chvacek	76.26 323	P	x	23 11 43.6
CHVC	Chvacek	76.26 323	P	P	23 11 34.2 +0.2
CHVC	Chvacek	76.26 323	eP	x	23 11 42.2
DPC	Dobruska-Polom	76.27 334	eP	x	23 11 35.3 +0.1
DPC	Dobruska-Polom	76.27 334	eP	P	23 11 47.5 +0.6
DPC	Dobruska-Polom	76.27 334	eP	P	23 11 35.3 +0.1
DPC	Dobruska-Polom	76.27 334	eP	P	23 11 47.5
D53A	Lac Vacive, Po	76.42 33	P	P	23 11 35.2 -0.2
D53A	Lac Vacive, Po	76.42 33	P	P	
D53A	Lac Vacive, Po	76.42 33	P	P	23 11 46.4 +0.5
D53A	Lac Vacive, Po	76.42 33	P	IAMB	23 11 48.7
LANS	Liptovska Anna	76.43 331	eP	P	23 11 36.3 +0.9
LANS	Liptovska Anna	76.43 331	eP	pmax	
LANS	Liptovska Anna	76.43 331	eP	P	23 11 36.3 +0.9
LANS	Liptovska Anna	76.43 331	eP	P	23 11 36.4 +0.7
ARCR	ARCALIA	76.45 327	PP	P	23 11 36.0 +0.5
KRLC	Kraliky	76.50 337	eP	P	23 11 35.4 -0.4
KRLC	Kraliky	76.50 337	eP	x	23 11 42.4
KRLC	Kraliky	76.50 337	eP	x	23 11 35.4 -0.4
MORC	Moravsky Berou	76.52 332	PP	P	23 11 35.9 -0.1
MORC	Moravsky Berou	76.52 332	PP	P	23 11 35.8 -0.1
CLL	Collm	76.53 336	iP	P	23 11 36.0 +0.1
CLL	Collm	76.53 336	iP	P	
CLL	Collm	76.53 336	iP	P	23 11 48.0 +0.6
CLL	Collm	76.53 336	iP	P	23 11 52.0 +1.1
CLL	Collm	76.53 336	iP	P	23 14 23.0 -4.4
CLL	Collm	76.53 336	iP	P	23 11 36.0 +0.1
CLL	Collm	76.53 336	iP	P	23 11 44.0
CLL	Collm	76.53 336	iP	P	23 11 52.0
CLL	Collm	76.53 336	iP	pmax	
CLL	Collm	76.53 336	iP	pmax	
CFR	Carcaliu	76.54 324	PP	P	23 11 35.2 -0.8
VRI	Vrincioia	76.55 322	PP	P	23 11 35.9 -0.2
PLOR	Plostinia	76.59 325	PP	P	23 11 36.8 +0.4
J47A	Summer	76.65 40	P	P	23 11 37.7 +1.0
BRG	Berggiesshubel	76.65 335	ePKP	P	23 11 36.2 -0.4
BRG	Berggiesshubel	76.65 335	eP	P	23 11 36.2 -0.4
BRG	Berggiesshubel	76.65 335	eP	pmax	23 11 36.2 -0.4
BRG	Berggiesshubel	76.65 335	eP	pmax	
M44A	Midewin, Midew	76.66 43	IAMB	IAMB	23 11 37.5
M44A	Midewin, Midew	76.66 43	IAMB	IAMB	
E52A	Mattawa	76.71 34	P	P	23 11 36.4 -0.6
HDIL	Hopedale	76.71 44	P	P	23 11 37.9 +0.8
D54A	Lac Fusel, La	76.74 33	P	P	23 11 37.0 -0.2
D54A	Lac Fusel, La	76.74 33	P	P	
CLZ	Clausthal	76.77 337	eP	P	23 11 37.8 +0.5
CLZ	Clausthal	76.77 337	eP	P	
FBE	Freiberg	76.78 335	eP	P	23 11 37.0 -0.3
X34A	Smith Ranch, M	76.83 53	IAMB	IAMB	23 11 40.2
F52A	Sundridge	76.86 35	P	P	23 11 37.9 +0.1
S39A	Bolivar	76.92 48	IAMB	IAMB	23 11 39.0
W35A	Teaneck	76.95 52	P	P	23 11 38.7 +0.2
TUL1	Leonard	76.97 51	P	P	23 11 39.5 +0.9
TUL1	Leonard	76.97 51	P	P	
TUL1	Leonard	76.97 51	P	IAMB	23 11 38.8 +0.2
TUL1	Leonard	76.97 51	P	IAMB	23 11 40.2
L46A	Eue Claire	76.97 41	P	P	23 11 39.4 +0.8
L46A	Eue Claire	76.97 41	P	P	
L46A	Eue Claire	76.97 41	P	IAMB	23 11 38.0 -0.5
L46A	Eue Claire	76.97 41	P	IAMB	23 11 39.8
DOPR	Dopca	77.09			

D61A	St Aubert, Com baz=331	78.96	29	P	P	23 11 49.8 +0.3
S44A	Carbonate comp=Z,23nm,0.9s	78.97	46	I	Amb	23 11 51.2
SIUC	Southern Illin comp=Z,30nm,1.1s	78.97	46	I	Amb	23 11 51.2
D60A	Saint Jean D'O baz=331	78.97	29	P	P	23 11 49.7 +0.2
WHTX	Lake Whitney, baz=319,SNR=6.7	78.99	55	P	P	23 11 50.9 +1.0
WHTX	Lake Whitney, comp=Z,22nm,0.9s	78.99	55	I	Amb	23 11 51.8
MEM	Membrach	79.00	340	P	P	23 11 48.4 -1.3
MEM				PcP	PcP	23 11 56.1 -2.0
MEM				pP	pP	23 11 59.9 -0.6
MEM				pP	pP	23 12 03.9 -0.2
MDJB	Mudurnu	79.04	319	P	P	23 11 49.8 -0.4
PBMO	Poplar Bluff comp=Z,15nm,0.7s	79.09	47	I	Amb	23 11 51.4
G57A	Newington baz=329	79.10	33	P	P	23 11 50.1 -0.1
BLO	Bloomington	79.12	43	P	P	23 11 50.4 -0.1
BLO				pmax	pmax	
BLO	Bloomington comp=Z,13nm,0.8s	79.12	43	P	P	23 11 50.4 -0.1
BLO				I	Amb	23 11 51.4
BSTI	Bart Tilman comp=Z,13nm,0.8s	79.13	340	pP	pP	23 12 02.5 +1.3
MIAR	Mount Ida baz=320,SNR=8.4	79.18	51	P	P	23 11 51.4 +0.5
UCC	Uccle	79.22	341	P	P	23 11 50.7 -0.1
UCC				pmax	pmax	
J54A	Appleton	79.23	36	P	P	23 11 50.6 -0.1
J54A				I	Amb	23 11 50.5 -0.5
J54A				I	Amb	23 11 52.0
BHOJ	Houvegnez comp=Z,8.2nm,1.0s	79.24	339	pP	pP	23 12 03.1 +1.3
MOA	Molin	79.25	333	iP	P	23 11 50.0 -1.0
F59A	Saint Guillaume baz=330	79.25	31	P	P	23 11 51.5 +0.4
LCAR	Lake Charles comp=Z,24nm,1.0s	79.27	48	I	Amb	23 11 51.1 -0.2
WHAR	Woolly Hollow	79.29	49	I	Amb	23 11 52.9
O49A	Covington baz=324	79.31	41	P	P	23 11 52.1 +0.5
O49A	Covington	79.31	41	P	P	23 11 51.0 -0.5
BCLA	Clavier	79.35	340	pP	pP	23 12 03.2 +0.9
N50A	Nevada	79.38	40	P	P	23 11 52.3 +0.4
ARSA	Arzberg comp=Z,5.1nm,1.1s	79.38	332	iP	P	23 11 52.9 +1.0
MDVR	Moldovita	79.38	327	iP	P	23 11 51.3 -0.6
MEDO	Medina	79.39	36	I	Amb	23 11 50.3 -1.6
MEDO				I	Amb	23 11 52.5
W41B	Gary Mavity, V baz=321,SNR=7.0	79.40	49	P	P	23 11 52.9 +0.8
G58A	Ormstown baz=329	79.40	32	P	P	23 11 51.7 -0.1
P48A	Milroy baz=323,SNR=6.0	79.40	42	P	P	23 11 52.4 +0.3
P48A	Milroy	79.40	42	I	Amb	23 11 53.1
BGES	Gesves comp=Z,29nm,1.0s	79.43	340	pP	pP	23 12 03.5 +0.7
D62A	Allapoint, All baz=332	79.44	28	P	P	23 11 52.6 +0.6
D62A	Allapoint, All	79.44	28	P	P	23 11 52.1 0.0
PLVB	Plevin	79.44	325	iP	P	23 11 51.8 -0.3
USNF	Geneife	79.50	341	pP	pP	23 12 03.2 +0.1
USIN	University of USIN	79.53	45	I	Amb	23 11 52.4 -0.3
USIN				I	Amb	23 11 54.0
M52A	Chesterland comp=Z,21nm,0.7s	79.53	39	P	P	23 11 52.4 -0.3
J55A	Hilton baz=327	79.56	35	P	P	23 11 53.7 +0.9
J55A	Hilton	79.56	35	P	P	23 11 52.2 -0.6
J55A				I	Amb	23 11 54.6
BMRD	Mareadous comp=Z,20nm,0.8s	79.58	340	pP	pP	23 12 04.3 +0.7
N51A	Ashland	79.60	40	P	P	23 11 53.5 +0.5
N51A				I	Amb	23 11 52.6 -0.5
N51A				I	Amb	23 12 07.5
X40A	Basin Creek Fa baz=320	79.62	50	P	P	23 11 54.3 +1.0
ERPA	Erie baz=326	79.63	37	P	P	23 11 54.0 +0.7
ERPA	Erie	79.63	37	P	P	23 11 53.8 +0.5
L53A	Girard	79.65	38	P	P	23 11 54.0 +0.7
LONY	Lake Ozonia baz=329	79.66	33	P	P	23 11 53.0 -0.3
LONY	Lake Ozonia	79.66	33	P	P	23 11 52.5 -0.9
P49A	Miami Univ. Ec baz=324	79.67	42	P	P	23 11 54.0 +0.5
O50A	Cable baz=324	79.67	41	P	P	23 11 54.3 +0.8
Q48A	North Vernon	79.68	43	P	P	23 11 54.3 +0.7
K54A	Basilliko Farm, baz=327	79.76	36	P	P	23 11 54.4 +0.4
F61A	St Evariste baz=331	79.77	30	P	P	23 11 54.8 +0.9
L54A	Sinclairville baz=326	79.81	37	P	P	23 11 54.9 +0.6
DOU	Dourbes	79.82	340	pP	pP	23 12 05.4 +0.5
WLF	Walfordgang	79.84	339	pP	pP	23 12 06.1 +1.1
STU	Stuttgart	79.88	337	pmax	pmax	23 11 53.7 -0.8
STU				pmax	pmax	
STU	Stuttgart comp=Z,13nm,0.5s	79.88	337	P	P	23 11 53.7 -0.8
STU				I	Amb	23 12 07.0
ACSO	Alum Creek Sta baz=325	79.89	40	P	P	23 11 55.3 +0.7
ACSO	Alum Creek Sta comp=Z,20nm,0.8s	79.89	40	I	Amb	23 11 55.9
237A	Washetta, Mont	79.90	54	P	P	23 11 55.5 +0.6
237A				I	Amb	23 12 08.6
MS3A	WI Miller and baz=326	79.90	38	P	P	23 11 55.6 +0.9
K55A	Perry baz=327	79.91	36	P	P	23 11 55.1 +0.3
HBAR	Harrisburg	79.93	48	P	P	23 11 55.0 +0.1
GNAR	Gosnell	79.93	47	P	P	23 11 54.9 -0.1
WVNY	West Valley, N comp=Z,20nm,0.9s	79.96	36	I	Amb	23 11 56.2
WVNY				pP	pP	23 12 05.6 -0.2
H59A	Cadyville baz=329	79.97	32	P	P	23 11 54.7 -0.4
MMNY	Mt. Morris Dam	79.97	36	P	P	23 11 54.6 -0.4
WCI	Wyandotte Cave WCI	79.98	44	pmax	pmax	23 11 55.9 +0.7
WCI				pmax	pmax	
WCI	Wyandotte Cave comp=Z,32nm,1.0s	79.98	44	P	P	23 11 55.9 +0.7
WCI				I	Amb	23 11 56.8
Q49A	Aurora baz=324	80.01	42	P	P	23 11 56.1 +0.8
P50A	Jamestown baz=324,SNR=6.6	80.03	41	P	P	23 11 56.1 +0.7
SOKA	Soboth comp=Z,14nm,1.7s	80.04	332	iP	P	23 11 55.6 0.0
GLAT	Glass	80.06	47	P	P	23 11 55.8 +0.2
WLAR	White Oak Lake comp=Z,30nm,0.9s	80.08	51	I	Amb	23 12 10.4
LNXT	Lenox	80.09	47	P	P	23 11 56.0 +0.2
O51A	Pataskala	80.12	40	P	P	23 11 56.6 +0.6
J57A	Williamstown baz=325	80.15	34	P	P	23 11 55.1 -0.9
G61A	St-Isidore-de- baz=331	80.18	30	P	P	23 11 57.0 +0.8
BATG	Bathurst New B	80.20	26	P	P	23 11 56.3 +0.1
KBA	Koelnbreinsper comp=Z,9.1nm,0.7s	80.22	334	iP	P	23 11 56.9 +0.4
L55A	Hinsdale	80.22	36	P	P	23 11 56.9 +0.4
E63A	Oxbow	80.22	28	P	P	23 11 54.4 -2.0
M54A	Oil Creek Stat baz=326	80.27	38	P	P	23 11 57.2 +0.4
M54A				I	Amb	23 11 58.0
OBKA	Obir comp=Z,22nm,0.9s	80.35	333	iP	pP	23 12 08.0 0.0
N53A	Lisbon baz=326	80.36	39	P	P	23 11 58.0 +0.8
N53A	Lisbon	80.36	39	I	Amb	23 11 58.5
P51A	Williamsport baz=325	80.46	41	P	P	23 11 58.2 +0.5
P51A	Williamsport comp=Z,22nm,0.7s	80.46	41	I	Amb	23 11 58.8
J58A	Remsen baz=329	80.47	34	P	P	23 11 57.7 -0.1
J58A	Remsen	80.47	34	P	P	23 11 57.2 -0.5
J58A				I	Amb	23 12 11.2
O52A	Adamsville comp=Z,18nm,1.1s	80.49	40	P	P	23 11 58.5 +0.5
WATA	Walderalm baz=325,SNR=7.5	80.52	335	iP	P	23 11 58.1 0.0
BFO	Black Forest	80.52	337	P	P	23 11 58.0 0.0
BFO				pmax	pmax	
BFO	Black Forest comp=Z,13nm,0.9s	80.52	337	P	P	23 11 58.0 0.0
MYKA	Terra Mystica comp=Z,16nm,1.9s	80.53	333	iP	pP	23 12 09.8 +1.0
WTTA	Wattenberg	80.56	335	iP	P	23 11 58.8 +0.4
Q50A	Georgetown baz=324	80.56	42	P	P	23 11 59.3 +0.9
T47A	Sharon Grove	80.57	45	P	P	23 11 58.3 -0.1
T47A				I	Amb	23 11 59.8
G62A	West of Eustis comp=Z,13nm,0.7s	80.58	30	P	P	23 11 59.2 +0.8
G62A	West of Eustis	80.58	30	P	P	23 11 57.4 -1.0
G62A				I	Amb	23 11 60.0
N54A	Moraine State comp=Z,16nm,0.8s	80.59	38	P	P	23 11 58.9 +0.4
N54A	Moraine State	80.59	38	I	Amb	23 12 13.2
L56A	Greenwood comp=Z,38nm,1.1s	80.61	36	P	P	23 11 58.7 +0.1
L56A	Greenwood	80.61	36	I	Amb	23 11 59.4
RETA	Reutte	80.61	335	iP	P	23 11 57.9 -0.7
CCAR	Cane Creek comp=Z,7.0nm,1.4s	80.62	50	P	P	23 11 58.1 -0.6
CCAR				I	Amb	23 12 00.9
I59A	Olmsteadville comp=Z,26nm,0.9s	80.63	33	P	P	23 11 58.5 -0.1
MOTA	Moosalm comp=Z,9.8nm,1.0s	80.64	335	iP	P	23 11 58.6 -0.2
O53A	New Philadelphia baz=326,SNR=6.0	80.65	39	P	P	23 11 59.2 +0.4
J59A	Plesco baz=329	80.68	33	P	P	23 11 58.3 -0.6
J59A	Plesco	80.68	33	P	P	23 11 58.5 -0.4
DRLN	Deer Lake	80.68	20	P	P	23 11 58.9 +0.1
DRLN				I	Amb	23 12 04.1
M55A	Ridgway comp=Z,18nm,1.1s	80.68	37	P	P	23 11 59.6 +0.7
M55A	Ridgway baz=327,SNR=6.1	80.68	37	I	Amb	23 12 00.3
H61A	Lyndonville comp=Z,24nm,0.8s	80.69	31	P	P	23 11 59.8 +0.9
Q51A	Peebles baz=330	80.70	41	P	P	23 11 60.0 +0.9
NATX	Nauchoches baz=324,SNR=6.9	80.72	53	P	P	23 12 01.0 +1.7
SQTA	Sankt Quirin comp=Z,10nm,1.3s	80.73	335	iP	P	23 11 59.3 +0.1
F64A	Sherman baz=332	80.74	28	P	P	23 11 59.1 -0.1
P52A	Corning baz=325	80.75	40	P	P	23 11 59.6 +0.3
ABTA	Abtaltersbach comp=Z,2.6nm,0.9s	80.77	334	iP	PcP	23 12 06.4 +0.4
S49A	Springfield baz=324,SNR=5.2	80.81	43	P	P	23 12 00.6 +0.9
K58A	Earville baz=328	80.84	34	P	P	23 11 60.0 +0.2
K58A	Earville	80.84	34	P	P	23 11 59.5 -0.3
R50A	Paris baz=324	80.86	42	P	P	23 12 00.7 +0.8
R50A	Paris	80.86	42	P	P	23 11 59.5 -0.4
WVT	Waverly comp=Z,13nm,0.9s	80.90	46	P	P	23 12 00.8 +0.6
WVT				pmax	pmax	
WVT	Waverly comp=Z,13nm,0.9s	80.90	46	P	P	23 12 00.7 +0.6
WVT				pmax	pmax	
WVT	Waverly baz=323	80.90	46	P	P	23 12 00.8 +0.6
M56A	Emporium baz=327	80.91	37	P	P	23 12 00.5 +0.4
M56A	Emporium	80.91	37	P	P	23 12 00.3 +0.2
M56A				I	Amb	23 12 18.0
ECH	Echery comp=Z,18nm,1.1s	80.93	338	I	Amb	23 12 13.5
H62A	Milan baz=331	80.93	31	P	P	23 12 00.9 +0.6
H62A	Milan	80.93	31	I	Amb	23 12 01.7
PKME	Peaks-Kenny Pk comp=Z,26nm,1.0s	80.96	29	P	P	23 11 59.4 -0.9
W45A	Hickory Valley	80.99	47	P	P	23 12 00.4 -0.4
W45A				I	Amb	23 12 14.3
FETA	Feichten comp=Z,27nm,0.8s	81.05	335	iP	P	23 12 01.8 +0.9
DAVA	Damuels comp=Z,5.3nm,1.0s	81.05	336	iP	P	23 12 00.9 -0.1
O54A	Avella comp=Z,11nm,0.8s	81.07	39	P	P	23 12 01.6 +0.6
O54A	Avella baz=326	81.07	39	I	Amb	23 12 02.5
I61A	Oroboro, Fairl comp=Z,26nm,0.8s	81.12	31	P	P	23 12 01.7 +0.5
735A	Kennedy	81.13	57	P	P	23 12 02.2 +0.7
K59A	Cooperstown baz=330	81.13</				

17d 23h

Table with columns: Station Name, Az, El, P, S, Time, Res. Includes stations like Grady, Hodge, X56A, V59A, NWA0, etc.

IDC 17 23:06:17.2.0.9, 0.82N, 125.97E, h0km, mb4.1/7, mb1.4/2.9, mb1mx3.9/49, mbtmp4.0/9, ML3.5/2, Error ellipse: s-maj=44.4km s-min=17.0km az=70.0

DJA 17 23:06:21.7.0.4, 1.1N, 6.12E, h10km, M4.3/7, MLV4.3/7

NEIC 17 23:06:23.8.1.9, 0.81N, 0.09x126.20E, 0.05, h60km, 9km, mb4.4/12, Error ellipse: s-maj=13.9km s-min=5.9km az=165.0

ISC 17 23:06:22.6.0.6, 0.82N, 0.08x126.18E, 0.05, h44km, n30, r129/30, mb4.3/13, 1D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TMTI, KMSI, LUWI, etc.

JMA 17 23:09:06.2.1.0, 46.168N, 153.68E, h30km, M5.2, MOS 17 23:09:08.0.1.1, 46.177N, 153.28E, h36km, mb4.5/12, MS3.4/6, Error ellipse: s-maj=7.3km s-min=5.0km az=69.0

SKHL 17 23:09:08.0.7.4, 46.55N, 153.56E, h46km, 1km, mb5.9/1, Ms4.5/5, msh5.6/2, NEIC 17 23:09:11.4.1.7, 46.80N, 0.09x153.37E, 0.1, h45km, 6km, mb4.7/14.8, Error ellipse: s-maj=14.1km s-min=9.2km az=144.0

IDC 17 23:09:11.7.1.8, 46.85N, 153.14E, h52km, 16km, mb4.1/27, mb1.4/4.33, mb1mx4.2/55, mbtmp4.4/33, ML3.8/5, MS3.9/10, Ms1.3.9/10, ms1mx3.5/65, Error ellipse: s-maj=13.5km s-min=8.5km az=132.0

ISC 17 23:09:10.4.0.6, 46.87N, 0.04x153.37E, 0.04, h44km, 5km, n384, r170/368, mb4.7/146, MS4.0/12, 9C-12D, Kuril Islands

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KUR, JAK, JTKR, etc.

2014 APR

Main table with columns: Station Name, Az, El, P, S, Time, Res. Includes stations like SKR, SKR, SKR, etc.

1272

Table with columns: Station Name, Az, El, P, S, Time, Res. Includes stations like TYV, TYV, TYV, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, ISC, h, s, Res, SC, SC. Rows include stations like Paradox Valley, Carpenter Ridg, Blue Mesa, Par, etc.

BUI 17 23:13:00.1±0.0, 55.125±28.03W, h13km, mB5.5/17, Ms5.3/17, Ms7.0/18
NEIC 17 23:13:02.9.1.1, 55.5S;0.1±28.3W;0.2, h13km, 3km, mB5.4/71, Error ellipse: s-maj=15.3km s-min=12.6km az=202.0
GCMT 17 23:13:05.0±0.2, 55.5S;0.1±28.18W;0.02, h14km, 1km, MW5.2/16, Moment Tensor Solution, s75.68, s116.165, Duration: 19.0 Moment tensor: Scale 1016 Nm; Mw=3.13±.16; Me=0.75±.12; Ms=2.38±.12; Ms=2.21±.31; Mw=0.81±.07; Mw=7.99±.70; Best double couple: M8.69800±0.016 NP1±154.00000±.810.00000±.80.00000±. NP2±344.00000±.800.00000±.892.00000±. Principal axes: T 8.9210, Plg55.0000±. Azm256.0000±; N -0.4430, Plg2.0000±, Azm164.0000±; P -8.7440, Plg35.0000±, Azm72.0000±; 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, Alt, Op, Phase ID, ISC, h, s, Res, SC, SC. Rows include stations like HOPE Hope Point, HOPE Hope Point, VNA1 Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, ISC, h, s, Res, SC, SC. Rows include stations like PSGCX Pisagua, NBLI Livramento-PB, PB12 IPO Station, etc.

Table with columns: TEIG, Tepich, 90.94 306 P, P, 23 26 06.5 +1.0, etc. Lists various astronomical objects and their properties.

Table with columns: NIL, Nilore, 123.22 78 PKIKP, PKIKP, 23 31 58.6 +0.2, etc. Lists various astronomical objects and their properties.

Table with columns: KURBB, comp=Z, 1.1nm, 0.5s, baz=235, slow=3.8, SNR=7.4, SKPbc, SKPbc, 23 35 54.1 -2.2, etc. Lists various astronomical objects and their properties.

IDC 17 23:15:57.8-2.3, 6.08S-155:19E, h0km, mb3.7/4, ms1 4/4, mb1mp3.6/39, mbtmp3.7/4, MS3.9/1, Ms1 3.9/1, ms1 0.0/2.8/39, Error ellipse: s-maj=102.1km

18d Oh

Table with columns: ZE1, comp, pmax, pmax, 00 13 19.7 +1.8, etc. Lists various stations and their parameters.

2014 APR

Table with columns: ISCO, comp, pmax, pmax, 00 14 16.1 +0.9, etc. Lists various stations and their parameters.

1278

Table with columns: DIX, MMK, Matmark, 0.66 156, Sg, Sg, 00 09 15.5 -0.1, etc. Lists various stations and their parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Eielson Array, China Glacier, Makanchi Array, Ala-Archa, Mohawk Valley, Yellowknife Arr, Torodi Arr, Bea.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Songino Array, Makanchi Array.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUJ Sinuiju, PYS Pyongyang, HJU Haeju.

NEIC 18 01:01:08.9.2.2, 51.19N, 170.70W, h0km, mb3.7/2, mb1.3/6, mb1mx3.2/64, mbtmp3.5/4, ML3.0/2, Error ellipse: s-maj=29.0km s-min=17.3/0.2, h225km, gkm, AEIC 18 01:01:15.5.1.5, 52.4N, 170.50W, 0.2, h225km, gkm, ML2.8/12, Error ellipse: s-maj=57.7km s-min=3.3km az=160.0.

NEIC 18 01:01:16.2.1.9, 52.3N, 0.3, 170.6W, 0.2, h39km, 78km, Error ellipse: s-maj=49.0km s-min=5.0km az=163.0. ISC 18 01:01:16.0.1.6, 52.3N, 0.3, 170.5W, 0.1, h35km, n15, a112/14, Fox Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIKH Nikolski High, OKFF Magazine Ridge, ATKA Atka Island, MNAT Makushin Natee, UNV Unalaska Valle, ADK Adak, ILAR Eielson Array, PETK Petropavlovsk, H11S1 WAKE ISLAND Hy 38,12 217 T, H11S2 WAKE ISLAND Hy 38,14 217 T, H11S3 WAKE ISLAND Hy 38,14 217 T, PDAR Pinedale Array, CMAR Chiang Mai Arr.

ISC 18 01:05:35.2.0.7, 5.04S, 151.58E, h134km, 7km, mb3.5/5, mb1.3/7, mb1mx3.2/54, mbtmp3.9/6, Error ellipse: s-maj=30.6km s-min=14.4km az=126.0. ISC 18 01:05:35.8.0.9, 5.15S, 101.151E, 0.2, h128km, n8, a150/10, mb3.7/5, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), PMG Port Moresby, DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, SONM Songino Array, TORD Torodi Arr, Bea.

KEA 18 01:07:27.2.0.0, 40.35N, 122.29E, h0km, ML3.9/4, BUI 18 01:07:30.9.0.0, 40.46N, 122.31E, h8km, ML3.7/18, ISC 18 01:07:28.5.0.0, 40.45N, 0.04, 122.29E, 0.05, h10km, n10, a231/13, 1D, Northeastern China

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DL2 Dalian, SNY Shenyang, SUJ Sinuiju, PYS Pyongyang, HJU Haeju, CN2 Changchun, TIA Tai'an, MDJ Mudanjiang.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WMQ Urumqi, NEIC 18 01:09:52.9.0.8, 6.29N, 0.09, 124.1E, 0.1, h78km, 5km, mb4.3/17, Error ellipse: s-maj=16.2km s-min=11.2km az=119.0.

ISC 18 01:09:53.4.0.3, 6.29N, 124.17E, h82km, 27km, mb3.7/12, mb1.3/9/13, mb1mx3.5/55, mbtmp4.1/13, MS2.9/2, MS1.2/9/2, ms1mx2.5/47, Error ellipse: s-maj=29.5km s-min=16.5km az=69.0. ISC 18 01:09:45.3.1.4, 6.41N, 123.94E, 0.03, h9km, gkm, n48, a117/59, mb4.2/17, 3C-4D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKMP Bagumbayan, Su, CTBH Cotabato-PC H, GSPH General Santos, KCP Kibitapan, PAGZ Pagadian, DMPH Davao City-Mi, DAV Davao City (W), DAV 241nm, 0.3s, baz=355, slow=24, SNR=5.2, DAV 2301nm, 20.4s, baz=345, slow=41, DAV Davao City (W), DDMP Don Marcelino, DDMP Musuan, ZCP Zamboanga City, CGP Cagayan de Oro, DCPH Dipolog City, DCPH Mati, MATI Butuan, TBP Tagbilaran, MSLL Maasin, TMT Ternate, LUWI Luwuk, JAY Jayapura, JUNU Nakatusu, ENH Enshi, WRA Warramunga Arr, KRSR Koro Array, ASAR Alice Springs, BJT Bantjar, SHL Shillong, ULN Uluhaabaar, SONM Songino Array, MK31 Makanchi Array, MKR Makanchi Array, MAZ Makanchi, PETK Petropavlovsk, NIL Bear Paw Mtn, AAK Ala-Archa, AAK Ala-Archa, ZALV Zalesovo Array, KURBB Kurchatov Arr, KURB Kurchatov, FITZ Fitzroy Crossi, WRA Warramunga Arr, BVAR Borovoye Array, BVAR Kurchatov, KBL Kabul, ARU Arti, ARU Arti, KBZ Khabaz, FINES FINESSE Array, INK Inuvik, TORD Torodi Arr, Bea.

ISC 18 01:10:37.2.0.8, 6.91S, 0.07, 130.3E, 0.1, h150km, n17, a310/18, mb4.0/4, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, FAKI Fak Fak, MNTN Mantion Dam, SIJI Sorong, SOEI Soe, KNRA Kunurra, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MYKOM Kota Tinggi, MK31 Makanchi Array, MKR Makanchi Array, KURBB Kurchatov Arr, KURB Kurchatov, KURK Kurchatov, KK31 Karatay Array.

ISC 18 01:10:34.7.2.8, 7.00S, 129.84E, h96km, 36km, mb3.7/2, mb1.3/6, mb1mx3.3/48, mbtmp4.1/6, Error ellipse: s-maj=74.6km s-min=22.1km az=91.0. NEIC 18 01:10:37.3.1.9, 6.84S, 0.08, 130.0E, 0.1, h121km, 13km, mb4.0/5, Error ellipse: s-maj=16.4km s-min=11.8km az=95.0.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, DZM Mont Dzumac, ASAR Alice Springs, H11S1 WAKE ISLAND Hy 30,22 8 T, H11S2 WAKE ISLAND Hy 30,21 8 T, H11S3 WAKE ISLAND Hy 30,22 8 T, GUM Guam, H11N1 WAKE ISLAND Hy 31,43 8 T, H11N3 WAKE ISLAND Hy 31,44 8 T, USRK Ussuriysk Arr, SONM Songino Array, MKR Makanchi Array, KURBB Kurchatov Arr, KURB Kurchatov, KK31 Karatay Array.

NEIC 18 01:22:28.1.6, 26.22N, 0.1, 124.84E, 0.09, h186km, 9km, mb4.0/7, Error ellipse: s-maj=18.1km s-min=9.1km az=153.0. ISC 18 01:22:28.5.2.2, 26.19N, 124.81E, h191km, 25km, Error ellipse: s-maj=18.1km s-min=9.1km az=153.0.

mb3.4/13, mb1.3/4.14, mb1mx3.2/65, mbtmp3.8/14, MS2.8/1, Ms1.2/8.1, ms1mx2.3/32, Error ellipse: s-maj=33.4km s-min=14.1km az=65.0. JMA 18 01:18:24.1.0.2, 26.32N, 124.67E, h158km, M4.0. ISC 18 01:18:22.8.0.7, 26.20N, 0.08, 124.81E, 0.06, h184km, gkm, n50, a125/71, mb3.7/16, Northeast of Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIRB Irabujima, JM2 Miyako jima3, JOGS Gusukube, JTJ Tarama, JISG Ishigakijima, JISG Kume jima 2, JKE Ishigaki jima, JIJ Kuro-shima, JKR Irimoto-Funau, IRIF Aguni-jima, JAGN Hateruma jima, HATJ Hatsumi jima, YOJ Yonaguni jima, YOJ Yonaguni jima, YJNG Yonagunijimaku, JTT3 Tamagusuku3, JTT3 Nagotoyohara, JIH Iheya, JOW Kunigami, JOW Kunigami, JOW Kunigami, JYRO Yoronjima, YHNE Yeheng, YOKB Okinoerabujima, JOKE Tokunoshima, JTK Yu-I, YULB Suanglung, JAMB Amanishikomi, TRUB Ta-pu, JAM Amami Oshima, JAM Matsuhiro Arr, XAN Xian, XAN Xian, SONM Songino Array, MK31 Makanchi Array, MK31 Makanchi Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, KURK Kurchatov, KURB Kurchatov, FITZ Fitzroy Crossi, WRA Warramunga Arr, BVAR Borovoye Array, BVAR Kurchatov, KBL Kabul, ARU Arti, ARU Arti, KBZ Khabaz, FINES FINESSE Array, AKASE Malin Array, BRTR Keskin Array, YKA Yellowknife Arr.

ISC 18 01:26:49.5.1.7, 11.53S, 162.35E, h0km, mb3.9/4, mb1.4/0.6, mb1mx3.7/43, mbtmp4.0/6, ML4.1/2, MS3.2/3, Ms1.2/3.3, ms1mx2.8/39, Error ellipse: s-maj=47.0km s-min=27.1km az=71.0. ISC 18 01:26:54.7.1.2, 11.65S, 0.2, 162.35E, 0.2, h39km, n13, a050/7, mb3.8/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, DZM Mont Dzumac, ASAR Alice Springs, H11S1 WAKE ISLAND Hy 30,22 8 T, H11S2 WAKE ISLAND Hy 30,21 8 T, H11S3 WAKE ISLAND Hy 30,22 8 T, GUM Guam, H11N1 WAKE ISLAND Hy 31,43 8 T, H11N3 WAKE ISLAND Hy 31,44 8 T, USRK Ussuriysk Arr, SONM Songino Array, MKR Makanchi Array, KURBB Kurchatov Arr, KURB Kurchatov, KK31 Karatay Array.

YARS 18 01:27:04.0.0.0, 67.59N, 143.04E, h10km, mb0.2/46, ML3.0/3, MS0.3/46. ISC 18 01:27:03.2.0.7, 67.61N, 143.00E, h0km, mb3.8/15, mb1.3/9.19, mb1mx3.8/60, mbtmp3.7/19, ML3.3/3, MS2.7/2, Ms1.2/7.2, ms1mx2.4/48, Error ellipse: s-maj=20.1km s-min=12.8km az=168.0. MOS 18 01:27:03.3.0.0, 67.59N, 143.03E, h13km, mb4.1/3, Error ellipse: s-maj=20.1km s-min=12.8km az=168.0.

18d 2h

ellipse: s-maj=21.0km s-min=10.1km az=94.2
NEIC 18 01:27:05.8, 1.5, 67:59N/10:143:0E, 0.1, h16km, 4km,
mb4.2/15, Error ellipse: s-maj=14.5km s-min=10.5km
az=196.0

ISC 18 01:27:04.7, 0.4, 67:58N/0:003:143:09E, 0.04, h10km, n70,
a=18/81, mb3.9/25, 1D, Eastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data points.

2014 APR

Table with columns: MKAR, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the 2014 APR period.

IDC 18 01:44:36.4, 1.1, 6:93S; 155:16E, h0km, mb4.1/8,
mb1.4/3/10, mb1mx4.0/30, mbtmp4.1/10, ML3.8/3, MS3.5/8,
Ms1.3/5/8, ms1mx3.0/36, Error ellipse: s-maj=27.3km
s-min=19.4km az=133.0

NEIC 18 01:44:39.2, 2.1, 7:05S; 0:1, 155:2E, 0.1, h19km, 5km,
mb4.2/9, Error ellipse: s-maj=16.1km s-min=14.5km
az=27.0

ISC 18 01:44:41.9, 0.8, 7:04S; 0:08, 155:24E, 0.09, h41km, n24,
a=155/17, mb4.1/10, MS3.4/7, Bougainville-Solomon
Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the 2014 APR period, including Bougainville-Solomon Islands region.

IDC 18 01:51:38.0, 2.6, 11:30S; 162:49E, h0km, mb3.6/4,
mb1.3/7/5, mb1mx3.5/46, mbtmp3.7/5, ML4.0/4, Error
ellipse: s-maj=51.8km s-min=37.8km az=94.0,
Bougainville-Solomon Islands region

IDC 18 01:52:46.6, 2.4, 55:45S; 28:07W, h29km, 15km, mb4.3/14,
mb1.4/4/16, mb1mx4.2/31, mbtmp4.5/16, ML4.4/2, MS3.6/11,
Ms1.3/6/11, ms1mx3.5/21, Error ellipse: s-maj=18.3km
s-min=13.7km az=59.0

NEIC 18 01:52:47.3, 1.0, 55:45S; 0:1, 28:1W; 0.2, h35km, 4km,
mb4.7/19, Error ellipse: s-maj=17.7km s-min=12.3km
az=112.0

ISC 18 01:52:46.1, 0.4, 55:38S; 0:09, 28:10W; 0.09, h26km, n68,
a=096/63, mb4.7/20, MS3.7/10, 1C, South Sandwich
Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the 2014 APR period, including South Sandwich Islands region.

1280

Table with columns: SNA, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the 1280 period.

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

JMA 18 02:00:47.9, 0.1, 42:93N; 146:32E, h45km, 1km, M4.3
JMA Fell II

MOS 18 02:00:48.7, 0.8, 43:06N; 146:24E, h49km, mb4.4/8, Error
ellipse: s-maj=11.5km s-min=6.9km az=101.2

SKHL 18 02:00:48.5, 0.4, 42:92N; 146:23E, h53km, 6km, mb4.8/6

NIED 18 02:00:00, 42:90N; 146:30E, h41km, Mw4.2 Best double
couple: M2=16000x1015 NP1=58.00000, 0.78.00000,
1.130.00000, NP2=162.00000, 0.42.00000, 1.18.00000

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

IDC 18 02:00:43.6, 0.9, 43:03N; 146:24E, h0km, mb4.1/17,
s-maj=293.9km s-min=39.7km az=20.0,
Bougainville-Solomon Islands region

NEIC 18 02:00:51.0 t. 1.8, 43.2N, 0.1x146.2E, 0.1, h48km, 7km, mb4.3/21, Error ellipse: s-maj=17.4km s-min=12.8km az=149.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nemuro 2, Nemuro-Hokkai, Kurohishamanak, Golovnino, Tuman, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MA2 Magadan, HHC Hu-ho-hao-te, SONM Songino Array, H1N1Z WAKE ISLAND HY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CLM Collm, GERES GERES Array B, TXAR Lajitas Array, URZ Urewera, ESDC Sonseca Array, etc.

1285 **2014 APR** 1825 30d +0.2

BJT	Baijiatatau	68.02 322	P	P	04 24 10.9 -0.5
BJT	comp=Z,272nm,1.5s				
BJT	Baijiatatau	68.02 322	P	I Amb	04 24 10.9 -0.5
BJT	comp=Z,272nm,1.5s				
BJI	Beijing	68.03 322	P	P	04 24 11.6 +0.2
BJI	comp=Z,100nm,1.6s				
BJI	comp=Z,4um,23.1s				
KCSI	Kota Kane, Aceh	68.29 278	P	P	04 24 12.1 -1.5
TPTI	comp=Z,670nm,comp=Z,18nm,1.7s	68.81 278	P	P	04 24 15.5 -1.3
PBKAT	Sadong Pong	68.91 293	I Amb	I Amb	04 24 18.8
PBKAT	comp=Z,65nm,1.1s				
TIY	Taiyuan	69.06 318	eP	S	04 24 18.9 +0.9
TIY	comp=Z,260nm,1.4s				
TIY	comp=Z,2um,6.1s				
TIY	comp=Z,2um,12.5s				
TIY	comp=Z,600nm,13.4s				
UNV	Unalaska Valle	69.20 18	P	P	04 24 18.3 -0.1
NSNI	Sinabang, Aceh	69.45 277	P	P	04 24 22.9 +2.1
LHMI	Lhok Sumawe	69.49 280	P	P	04 24 22.1 +1.0
XAN	Xi'an	69.56 313	P	P	04 24 21.0 -0.1
XAN	comp=Z,150nm,1.8s				
XAN	comp=Z,3um,7.0s				
XAN	comp=Z,2um,19.6s				
XAN	comp=Z,3um,21.6s				
XAN	comp=Z,5um,23.9s				
XAN	Xi'an	69.56 313	P	P	04 24 20.4 -0.7
XAN	comp=Z,796nm,2.0s				
XAN	Xi'an	69.56 313	P	P	04 24 20.4 -0.7
XAN	comp=Z,6um,22.0s				
MLSI	Meulaboh, Aceh	69.79 279	P	P	04 24 22.3 -0.6
KMI	Kunming	70.44 302	P	P	04 24 28.0 +1.1
KMI	comp=Z,250nm,1.4s				
KMI	comp=Z,3um,5.7s				
KMI	comp=Z,2um,19.8s				
KMI	comp=Z,4um,21.4s				
KMI	comp=Z,7um,24.7s				
KMI	Kunming	70.44 302	I AMs_20	I AMs_20	04 51 14.5
CM31	Chiang Mai Arr	71.35 294	I Amb	I Amb	04 24 34.6
CMAR	Chiang Mai Arr	71.35 294	P	P	04 24 33.0 +0.6
CMAR	comp=Z,29nm,1.0s,baz=115,slow=4.2,SNR=148				
CMAR	comp=Z,0.6nm,0.4s,baz=311,slow=3.8,SNR=6.5				
CMAR	Chiang Mai Arr	71.35 294	P	P	04 24 33.0 +0.6
CMAR	comp=Z,944nm,21.5s,baz=112,slow=34				
HHC	Hu-ho-hao-te	71.36 320	eP	P	04 24 33.0 +0.9
HHC	comp=Z,86nm,1.4s				
HHC	comp=Z,1um,4.8s				
HHC	comp=Z,2um,16.9s				
HHC	comp=Z,2um,21.4s				
HHC	comp=Z,3um,23.0s				
MA2	Magadan	71.42 352	P	P	04 24 31.8 -0.1
MA2	comp=Z,33nm,1.0s,baz=157,slow=5.9,SNR=45				
MA2	Magadan	71.42 352	eP	P	04 24 31.5 -0.4
MA2	comp=Z,236nm,1.7s				
MA2	Magadan	71.42 352	P	P	04 24 31.4 -0.4
MA2	comp=Z,3um,18.0s				
CHTO	Chiang Mai	71.47 294	P	P	04 24 33.4 +0.3
CHTO	comp=Z,249nm,1.6s				
CHTO	Chiang Mai	71.47 294	P	I Amb	04 24 33.4 +0.3
CHTO	comp=Z,249nm,1.6s				
CD2	Chengdu	71.98 308	iP	P	04 24 36.3 +0.3
CD2	comp=Z,260nm,0.9s				
CD2	comp=Z,3um,6.1s				
CD2	comp=Z,5um,25.0s				
CD2	comp=Z,7um,23.5s				
CD2	comp=Z,8um,25.0s				
HIA	Hailar	72.05 331	dIP	P	04 24 36.1 +0.2
HIA	comp=Z,256nm,1.4s				
HIA	Hailar	72.05 331	P	I AMs_20	04 24 35.9 -0.1
HIA	comp=Z,3um,18.0s				
ZEA	Zeya	72.12 338	eP	P	04 24 37.8 +1.6
ZEA	comp=N,760nm,1.6s				
ZEA	comp=E,220nm,1.6s				
ZEA	comp=Z,1um,1.6s				
ZEA	comp=E,1um,7.0s				
ZEA	comp=Z,3um,7.0s				
ZEA	comp=N,2um,6.0s				
ZEA	comp=E,400nm,9.0s				
ZEA	comp=Z,900nm,9.0s				

ZEA	comp=N,500nm,5.0s				
ZEA	comp=N,1um,13.0s				
ZEA	comp=Z,3um,16.0s				
ZEA	comp=E,2um,15.0s				
BTO	Baotou	72.21 319	eP	P	04 24 38.4 +1.2
BTO	comp=Z,2um,18.0s				
LZH	Lanzhou	74.19 313	iP	P	04 24 07.9 -4.8
LZH	comp=Z,2um,18.0s				
LZH	comp=E,280nm,1.4s				
LZH	comp=E,3um,7.5s				
LZH	comp=E,3um,16.5s				
LZH	comp=E,4um,16.4s				
LZH	comp=E,5um,18.3s				
SEY	Seymchan	74.51 354	P	P	04 24 50.2 +0.1
SEY	comp=Z,130nm,1.3s,baz=158,slow=5.5,SNR=130				
SEY	comp=E,2um,21.9s,baz=155,slow=32				
SEY	Seymchan	74.51 354	dIP	P	04 24 49.7 -0.4
PBA	Port Blair	75.12 285	iP	P	04 24 53.5 -1.1
DGPR	DIGLIPUR	75.34 287	iP	P	04 24 53.8 -2.3
DGPR	comp=Z,29nm,0.9s				
OHAK	Old Harbor	76.36 22	I Amb	I Amb	04 25 02.7
CIT	Chita	76.83 330	eP	P	04 25 04.8 +1.1
CIT	comp=Z,4um,1.7s				
LKP	Lekhapani	77.00 302	iP	P	04 25 04.5 -0.6
LKP	comp=Z,7um,21.8s				
KDAK	Kodiak Island	77.03 22	P	P	04 25 04.8 +0.2
KDAK	comp=Z,62nm,1.2s				
KDAK	Kodiak Island	77.03 22	P	P	04 25 04.8 +0.2
DIBR	DIBRUGARH	77.83 301	iP	P	04 25 10.7 +0.9
DIBR	comp=Z,525nm,1.2s				
ULN	Ulaanbaatar	77.89 324	eP	P	04 25 10.5 +0.6
ULN	comp=Z,527nm,1.7s				
ULN	Ulaanbaatar	77.89 324	P	P	04 25 10.8 +0.9
ULN	Yakutsk	77.97 344	P	P	04 25 10.1 +0.3
ULN	comp=Z,27nm,0.4s,baz=125,slow=0.7,SNR=40				
ULN	Yakutsk	77.97 344	iP	P	04 25 09.8 -0.0
ULN	comp=Z,2um,18.0s				
ULN	Yakutsk	77.97 344	eP	P	04 25 14.9 -0.6
ULN	comp=Z,2um,18.0s				
ULN	Yakutsk	77.97 344	eP	P	04 25 25.9 -1.0
ULN	comp=Z,2um,18.0s				
ULN	Yakutsk	77.97 344	eP	P	04 25 24.8 +1.6
ULN	comp=Z,2um,18.0s				
ULN	Yakutsk	77.97 344	eP	P	04 25 49.9 -3.0
ULN	comp=Z,2um,18.0s				
ULN	Yakutsk	77.97 344	eP	P	04 25 09.5 -0.3
ULN	comp=Z,3um,18.0s				
SONM	Songino Array	78.25 324	P	P	04 25 12.4 +0.5
SONM	comp=Z,124nm,1.2s,baz=135,slow=4.8,SNR=244				
SONM	comp=Z,1.0nm,0.7s,baz=300,slow=1.2,SNR=4.8				
SONM	comp=Z,0.8nm,0.4s,baz=250,slow=1.2,SNR=7.3				
SONM	comp=Z,2um,20.6s,baz=119,slow=35				
GTA	Gaotai	78.51 314	iP	P	04 25 14.6 +1.1
GTA	comp=Z,2um,20.6s,baz=119,slow=35				
GTA	comp=Z,3um,7.5s				
GTA	comp=Z,2um,19.0s				
GTA	comp=Z,4um,20.9s				
GTA	comp=Z,5um,20.9s				
ITAN	ITANAGAR	78.72 301	iP	P	04 25 15.7 +0.9
HOM	Home	78.74 21	I Amb	I Amb	04 25 33.2
HOM	comp=Z,262nm,1.2s				
ANM	Nome	78.81 13	I Amb	I Amb	04 25 17.3
QSPA	South Pole Qui	78.83 180	P	P	04 25 16.1 +1.3
QSPA	comp=Z,444nm,1.1s,baz=9.4,slow=1.7,SNR=179				
QSPA	South Pole Qui	78.83 180	P	P	04 25 16.1 +1.3
QSPA	comp=Z,220nm,0.9s				
BILL	Bilbino	79.02 1	eP	P	04 25 15.7 +0.2
BILL	comp=Z,374nm,1.7s				
BILL	Bilbino	79.02 1	P	P	04 25 15.8 +0.3
TEZP	TEZPUR	79.34 300	iP	P	04 25 17.9 -0.2
TEZP	comp=Z,455nm,1.7s				
BELO	BELOIA	79.50 296	eP	P	04 25 19.7 +0.6
SHL	Shillong	79.80 299	iP	P	04 25 20.9 0.0
GUWA	GUAHATI	80.16 299	iP	P	04 25 21.7 -0.9
SUA	Susitna One	80.35 20	I Amb	I Amb	04 25 25.9
RC01	Rabbit Creek A	80.43 21	I Amb	I Amb	04 25 27.3
PPLA	Purkeypile	80.93 18	P	P	04 25 25.9 -0.3
KNK	Knik Glacier	81.09 21	I Amb	I Amb	04 25 31.7
HIN	Hinchinbrook I	81.11 22	I Amb	I Amb	04 25 28.8
GHO	Glory Hole Cre	81.19 20	I Amb	I Amb	04 25 31.3
ZAK	Zakamensk	81.30 325	eP	P	04 25 27.7 -0.6
ZAK	comp=Z,105nm,1.5s				
FID	Port Fidalgo	81.35 22	I Amb	I Amb	04 25 29.8
FID	comp=Z,194nm,1.5s				
LSA	Lasa	81.67 302	P	P	04 25 32.3 +1.1
LSA	comp=Z,220nm,1.5s				
LSA	comp=Z,2um,22.8s				
LSA	comp=Z,7um,24.2s				
LSA	comp=Z,11um,22.8s				
LSA	Lhasa	81.67 302	I Amb	I Amb	04 25 36.1
LSA	comp=Z,149nm,1.5s				
LSA	comp=Z,5um,22.0s				
IRK	Irkutsk	81.69 327	eP	P	04 25 29.0 -1.2
IRK	comp=Z,265nm,1.6s				

TLY	Talaya	81.74 327	P	P	04 25 30.8 +0.2
TLY	comp=Z,17nm,0.7s,baz=146,slow=6.4,SNR=20				
TLY	Talaya	81.74 327	dIP	P	04 25 30.5 0.0
TLY	comp=Z,208nm,1.8s				
TLY	comp=Z,2um,16.0s				
TLY	comp=Z,5um,16.0s				
TLY	Talaya	81.74 327	P	P	04 25 30.8 +0.2
TLY	comp=Z,2um,18.0s				
SCM	Sheep Creek Mo	81.78 21	I Amb	I Amb	04 25 31.8
RAGM	Ragged Mountai	81.78 23	I AMs_20	I AMs_20	05 02 46.6
HMT	Hamilton	81.91 23	I AMs_20	I AMs_20	05 02 58.9
RND	Reindeer	82.35 19	P	P	04 25 33.1 -0.4
RND	comp=Z,122nm,1.5s				
RND	Reindeer	82.35 19	P	P	04 25 33.1 -0.4
RND	comp=Z,3um,20.0s				
WAX	Waxell Ridge	82.52 23	I Amb	I Amb	04 25 37.0
MCK	McKinley	82.56 19	I Amb	I Amb	04 25 35.9
CRQM	Crirque	82.61 23	I Amb	I Amb	04 25 54.2
BWN	Browne	82.70 18	I Amb	I Amb	04 25 44.3
MESA	MESA	82.71 24	I Amb	I Amb	04 25 38.2
TGL	Tana Gutier	82.72 23	I Amb	I Amb	04 25 37.9
GLB	Gilahina Blac	82.79 22	I Amb	I Amb	04 25 37.9
MCARA	McCarthy VST	83.04 23	P	P	04 25 37.3 +0.2
BALM	Baldy	83.08 23	I Amb	I Amb	04 25 39.7
MOY</					

18d 4h

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like W39A Magazine, P38A Dawn, WLAR White Oak Lake, etc.

2014 APR

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like N47A Urbana, N47A Urbana, 451A Vernon, etc.

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Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like E51A G1948 Merrick, H52A Wyevale, Q54A Cows Mills, etc.

L56A	Greenwood	117.83	48	P	PKIKP	04 31 58.9 +0.1			
L56A	Greenwood	117.83	48	IAMS_20	IAMS_20	05 15 46.0			
SSPA	Standing Stone	117.85	50	P	PKIKP	04 31 59.0 +0.2			
SSPA	Standing Stone	117.85	50	IAMS_20	IAMS_20	05 15 59.9 +0.2			
PECO	Prince Edward	117.89	46	IAMS_20	IAMS_20	05 16 38.4			
F55A	Otter Lake	117.92	44	P	PKPdf	04 31 58.5 -0.2			
U58A	Oxford	117.93	55	P	PKPdf	04 31 58.4 -0.6			
P57A	Homestead Farm	117.94	51	P	PKPdf	04 31 58.5 -0.4			
P57A	Homestead Farm	117.94	51	IAMS_20	IAMS_20	05 20 05.1			
CRUC	La Cruz	117.96	94	eP	PKIKP	04 32 00.4 +0.2			
E55A	Monterf-Lytto	117.98	43	P	PKPdf	04 31 58.2 -0.5			
N57A	Milroy	118.08	50	P	PKIKP	04 31 59.4 +0.2			
O57A	Amberson	118.11	50	P	PKPdf	04 31 59.0 -0.2			
J56A	Wolcott	118.12	47	P	PKIKP	04 31 59.3 +0.1			
J56A	Wolcott	118.12	47	IAMS_20	IAMS_20	05 15 32.5			
PB11	IPOC Station P	118.16	120	P	PKPdf	04 32 00.1 0.0			
D55A	Poland Farm, P	118.17	53	P	PKIKP	04 31 59.7 +0.2			
S56A	Sainte-Anne-du	118.23	42	P	PKPdf	04 31 59.1 -0.1			
V59A	Middlesex	118.25	55	P	PKPdf	04 31 59.5 -0.1			
R58B	Mineral	118.26	53	P	PKIKP	04 31 59.9 +0.3			
R58B	Mineral	118.26	53	IAMS_20	IAMS_20	05 18 23.9			
H56A	Elgin	118.27	45	P	PKPdf	04 31 58.9 -0.4			
Q58A	Fox Den Farm,	118.27	52	P	PKIKP	04 31 59.6 +0.1			
M57A	Sunshine Farm,	118.30	49	P	PKIKP	04 32 00.1 +0.5			
L57A	Andrews Acres	118.38	48	P	PKIKP	04 31 59.9 +0.2			
S07A	Riobanco	118.41	94	eP	PKPdf	04 32 01.2 0.0			
PB08	IPOC Station P	118.43	120	P	PKIKP	04 32 01.6 +0.6			
K57A	Scipio Center	118.48	47	P	PKIKP	04 31 59.9 0.0			
P58A	Pank, Wackersv	118.48	51	P	PKIKP	04 32 00.1 +0.1			
U59A	Littleton	118.54	55	P	PKIKP	04 32 00.2 0.0			
U59A	Littleton	118.54	55	IAMS_20	IAMS_20	05 15 40.6			
ORIO	Orleans, Innes	118.59	44	P	PKIKP	04 32 00.0 +0.1			
CBN	Corbin Frederi	118.62	53	IAMS_20	IAMS_20	05 16 22.4			
E56A	St. Veronique	118.64	43	P	PKPdf	04 31 59.8 -0.3			
T59A	Double "B" Far	118.65	54	P	PKPdf	04 32 00.1 -0.3			
O58A	Lewisberry	118.66	50	P	PKIKP	04 32 00.5 +0.2			
GROC	Groznyy	118.67	313	i PKIKP	PKPdf	04 31 59.9 -0.3			
GROC	Groznyy			ePS	PS	04 33 17.1			
GROC	Groznyy			ePS	PS	04 43 05.2 -0.3			
N58A	Sunbury	118.69	50	P	PKIKP	04 32 00.6 +0.2			
N58A	Sunbury	118.69	50	IAMS_20	IAMS_20	05 21 21.9			
D56A	ZEC Mazanza, M	118.69	42	P	PKPdf	04 31 59.8 -0.3			
J57A	Williamstown	118.71	47	P	PKIKP	04 32 00.5 +0.2			
J57A	Williamstown	118.71	47	IAMS_20	IAMS_20	05 17 50.0			
S59A	Mechanicsville	118.75	53	P	PKIKP	04 32 01.2 +0.6			
CAPC	Capurgana	118.78	86	eP	PKPpre	04 31 54.8			
M58A	Price's Panora	118.78	49	eP	PKIKP	04 32 00.9 +0.4			
I57A	Carthage	118.83	46	P	PKPdf	04 32 00.4 -0.1			
PB16	IPOC Station P	118.88	118	P	PKIKP	04 32 02.6 +0.5			
PB16	IPOC Station P			IAMS_20	IAMS_20	05 11 12.4			
BINY	Binghamton	118.97	48	P	PKIKP	04 32 01.2 +0.3			
Y07C	Yotoco, Valle	119.02	92	eP	PKPdf	04 32 01.4 -0.5			
G57A	Newington	119.03	44	P	PKPdf	04 32 00.7 -0.1			
U60A	Pendleton	119.03	54	P	PKIKP	04 32 01.6 +0.5			
V60A	Jim Taylor Roa	119.04	55	IAMS_20	IAMS_20	05 15 31.9			
K58A	Earville	119.10	47	P	PKIKP	04 32 01.3 +0.2			
L58A	Harry Jonesville	119.10	40	P	PKIKP	04 32 01.7 +0.5			
MVL	Millersville	119.11	50	P	PKIKP	04 32 02.2 +1.0			
VRH	Novokhopovskoy	119.15	323	i PKIKP	PKPdf	04 32 00.3 -0.5			
VRH	Novokhopovskoy			ePS	PS	04 32 00.3 -0.5			
VRH	Novokhopovskoy			ePS	PS	04 32 00.3 -0.5			
O59A	Robesonia	119.18	50	P	PKIKP	04 32 01.5 +0.1			
J58A	Remsen	119.23	46	P	PKIKP	04 32 01.5 +0.2			
J58A	Remsen	119.23	46	IAMS_20	IAMS_20	05 18 13.7			
E57A	Chemin Vers le	119.27	43	P	PKIKP	04 32 01.3 0.0			
D57A	Chemin Vers le	119.28	42	P	PKIKP	04 32 01.3 0.0			
N58A	Old Forge	119.37	46	P	PKIKP	04 32 01.8 +0.2			
I59A	State Game Lan	119.38	49	P	PKIKP	04 32 01.8 0.0			
N59A	State Game Lan	119.38	49	IAMS_20	IAMS_20	05 20 40.1			
LONV	Lake Ozonia	119.43	45	P	PKIKP	04 32 01.8 +0.1			
LONV	Lake Ozonia	119.43	45	IAMS_20	IAMS_20	05 19 39.8			
MTDJ	Mount Denham	119.45	75	IAMS_20	IAMS_20	05 14 11.6			
M59A	Waymart	119.51	49	P	PKIKP	04 32 02.5 +0.5			
GARC	Garzon, Hulla	119.51	94	eP	PKIKP	04 32 03.2 +0.2			
V61A	Roper	119.59	55	IAMS_20	IAMS_20	05 16 39.4			
U61A	Possum Corner	119.62	55	IAMS_20	IAMS_20	05 18 02.1			
MOS	Moscow	119.64	329	i PKIKP	PKPdf	04 31 59.4 -2.2			
MOS	Moscow			ePPP	PPP	04 35 51.4			
MOS	Moscow			ePS	PS	04 35 51.4			
L59A	Walton	119.66	48	P	PKPdf	04 32 01.9 -0.3			
L59A	Walton	119.66	48	IAMS_20	IAMS_20	04 32 02.3 0.0			
DBBC	Dabeiba	119.66	88	eP	PKIKP	04 32 03.6 +0.5			
G58A	Ormsdown	119.66	44	P	PKPdf	04 32 01.6 -0.4			
B59A	Betania	119.66	93	eP	PKIKP	04 32 03.2 +0.1			
K59A	Cooperstown	119.67	47	P	PKPdf	04 32 02.1 -0.1			
CB0C	Ciudad Bolivar	119.67	90	eP	PKPpre	04 31 57.5			
CB0C	Ciudad Bolivar			eP	PKPpre	04 33 25.6 -0.5			
Q60A	Greensboro	119.68	51	IAMS_20	IAMS_20	05 15 13.2			
P60A	Greenville	119.69	50	P	PKIKP	04 32 02.5 +0.2			
P60A	Greenville	119.69	50	IAMS_20	IAMS_20	05 16 44.4			
TBLG	Delisi	119.74	312	PKIKP	PKIKP	04 32 02.9 +0.5			
TBLG	Delisi	119.74	312	PKIKP	PKIKP	04 32 02.9 +0.5			
H58A	Gabriels	119.76	45	P	PKIKP	04 32 02.3 -0.1			

J59A	Piesco	119.76	46	P	PKIKP	04 32 02.5 +0.1			
O60A	Telford	119.77	50	P	PKIKP	04 32 03.0 +0.5			
NCB	Newtown	119.83	46	IAMS_20	IAMS_20	05 17 28.7			
E58A	La Victoria	119.86	43	P	PKIKP	04 32 02.4 0.0			
STEI	Steigen	119.88	347	ePKPpdf	PKIKP	04 32 01.8 -0.1			
STEI	Steigen			ePS	PS	04 33 26.0 +0.7			
STEI	Steigen			ePS	PS	04 43 15.8 +0.6			
N60A	Cedar Hill Far	119.89	49	P	PKPdf	04 32 02.5 -0.1			
LATQ	La Tuque	119.89	41	P	PKPdf	04 32 02.0 -0.4			
LATQ	La Tuque	119.89	41	IAMS_20	IAMS_20	04 32 02.3 -0.1			
D58A	Chemin du Lac	119.91	42	P	PKPdf	04 32 02.3 -0.2			
S61A	Accorac	120.03	53	IAMS_20	IAMS_20	05 10 20.8			
ANIL	Santa Ana	120.03	91	eP	PKPdf	04 32 04.0 -0.1			
FRNY	Flat Rock	120.06	44	IAMS_20	IAMS_20	05 19 50.5			
LOF	Lotofen	120.07	348	ePP	PP	04 33 32.5 +5.9			
LOF	Lotofen			ePS	PS	04 43 18.1 +1.2			
ORTC	Ortega, Tolima	120.08	92	eP	PKIKP	04 32 05.4 +1.5			
ZEI	Tsey	120.12	313	i PKIKP	PKPdf	04 32 01.5 -1.8			
ZEI	Tsey			ePS	PS	04 32 01.5 -1.8			
J59A	Olmsteadville	120.12	46	P	PKIKP	04 32 03.2 +0.1			
G60A	Port Jervis	120.14	49	P	PKPdf	04 32 02.6 -0.5			
M60A	Golitskoye	120.16	316	i PKIKP	PKIKP	04 32 03.3 +0.2			
G60A	Golitskoye			ePS	PS	04 32 03.3 +0.2			
RREF	El Recreo	120.16	91	eP	PKIKP	04 32 05.4 +0.6			
HEL	Santa Helena	120.20	89	eP	PKIKP	04 32 04.5 0.0			
GUYZ	Quayle, Caldas	120.20	90	eP	PKIKP	04 32 04.9 +0.2			
ODNJ	Ogdensburg	120.21	49	IAMS_20	IAMS_20	05 18 08.0			
LPSR	Galich'ya Gora	120.25	325	i PKIKP	PKPdf	04 32 02.7 -0.2			
LPSR	Galich'ya Gora			ePS	PS	04 32 02.7 -0.2			
LPSR	Galich'ya Gora			ePS	PS	04 32 02.7 -0.2			
G59A	Clarenceville	120.27	44	P	PKPdf	04 32 03.2 0.0			
BRNJ	Basking Ridge	120.32	49	IAMS_20	IAMS_20	05 17 05.1			
F59A	Saint Guillaume	120.33	43	P	PKIKP	04 32 03.7 +0.3			
P61A	Hampton	120.36	51	IAMS_20	IAMS_20	05 17 35.0			
K60A	Five Rivers En	120.39	47	P	PKIKP	04 32 05.2 +1.6			
PRAC	Prado	120.40	92	eP	PKIKP	04 32 04.6 +0.1			
UREC	San Jos de Ur	120.43	88	eP	PKPdf	04 32 03.2 -1.2			

Table with columns: TREC, Treast, 134.29 332, ePKIKP, PKPpdf, MLR, 04 32 30.5 +0.6, etc. Lists various entries with their respective codes and values.

Table with columns: TIR, Tirane, 137.04 321, IAMS_20, IAMS_20, 05 35 53.1, etc. Lists various entries with their respective codes and values.

Table with columns: MTE, Manteigas, 150.13 348, IAMS_20, IAMS_20, 05 47 27.2, etc. Lists various entries with their respective codes and values.

18d 6h

comp=N,598nm,0.7s									
DATC	Datca-Mugla	1.07 254	PG	Pg	06 21 55.5	-0.1			
ARG	Arhangelos	1.07 218	PG	Pg	06 21 54.7	-0.9			
BRDR	BURDÜR-Merkez	1.09 54	iP	Pn	06 21 56.6	-0.8			
BRDR		06 22 16.1	+3.0	Sn	06 22 16.0				
comp=N,460nm,0.7s									
KORT	Korkueü	1.13 93	PN	Pn	06 21 58.7	+0.7			
KORT	Korkueü	1.13 93	iP	Pn	06 21 59.5	+1.4			
KORT		06 22 16.6	+2.4	Sb	06 22 16.6				
DAT	Datca	1.15 253	PN	Pn	06 21 56.2	+0.2			
DAT	Datca	1.15 253	iP	Pn	06 21 56.0	-1.1			
DAT		06 22 12.8	-0.2	Sb	06 22 12.8				
BDRM	Kayabasi	1.20 270	iP	Pn	06 21 58.0	-0.6			
EDRM		1.21 317	iP	Pn	06 22 13.7	+0.1			
AYDB	Zeytin koy-Aydi	1.20 317	PN	Pn	06 21 59.5	+0.6			
BASM	Basmaki-Afyon	1.22 46	PN	Pb	06 21 59.9	-1.4			
BODM	Bodrum	1.31 270	PN	Pb	06 21 59.9	-0.4			
AKUM	Antalya-Kumluç	1.35 123	iP	Pg	06 22 03.3	+2.4			
AKUM		06 22 24.2	+4.9	Sb	06 22 24.2				
KHAL	Karahalli	1.37 18	iP	Pb	06 22 02.1	-0.3			
KHAL		06 22 19.1	-0.5	Sb	06 22 19.1				
MANT	Manisa	1.45 348	iP	Pn	06 22 01.9	-0.7			
MANT		06 22 19.1	-3.2	Sb	06 22 19.1				
KULA	Kula-Manisa	1.46 351	PN	Pg	06 22 03.5	+0.4			
ISPA	Isparta	1.47 59	PN	Pg	06 22 03.9	+0.8			
GCAM	G?zelcaml?	1.50 295	PN	Pb	06 22 03.3	-0.4			
GCAM	G?zelcaml?	1.50 295	iP	Pn	06 22 03.3				
GCAM		06 22 20.9	-2.3	Sb	06 22 20.9				
comp=N,345nm,0.6s									
KZIL	AFYON_Kiziorun	1.52 38	iP	Pb	06 22 03.7	-0.4			
KZIL		06 22 19.0	+1.5	Sb	06 22 19.0				
KOSK	Kos Island	1.61 259	PN	Pg	06 22 04.4	-1.0			
BAGO	Egridir - ISPA	1.73 57	iP	Pb	06 22 09.1	+0.9			
BAGO		06 22 29.2	-0.7	Sb	06 22 29.2				
SHUT	Suhut-Afyon	1.95 40	PN	Pb	06 22 10.9	-0.6			
GEDZ	Gediz	2.01 10	PN	Pb	06 22 11.5	-0.8			
SIMA	Simav-Kutahya	2.01 91	PN	Pb	06 22 11.5	-0.9			
KEPZ	Antalya-Kepez	2.14 94	iP	Pg	06 22 15.0	-1.0			
KEPZ		06 22 42.4	-1.3	Sb	06 22 42.4				
URLA	Izmir	2.27 305	PN	Pg	06 22 14.3	+0.7			
SEYD	Seydisehir-KON	2.33 81	PN	Pb	06 22 16.1	-1.8			
TVSB	Tavsanli	2.41 10	PN	Pb	06 22 17.2	-2.0			
DKL	Dikili	2.57 322	PN	Pb	06 22 19.9	+1.2			
CHOS	Chios island	2.64 301	PN	Pn	06 22 19.9	+1.1			
APE	Apeiranthos	2.73 271	PN	Pn	06 22 20.0	0.0			
GAZI	Gazipasa	2.84 106	PN	Pn	06 22 22.2	+0.8			
KINT	Konya-Tatoy	2.85 71	PN	Pb	06 22 23.6	-3.2			
KIZIL	Kizilcal	2.94 51	PN	Pb	06 22 24.4	+1.5			
ZKR	Zakros	2.94 229	PN	Pn	06 22 23.4	+0.5			
SVRH	Sivrihisar-ESK	3.12 40	PN	Pb	06 22 27.5	+2.1			
IDI	Anoyia	3.73 243	PN	Pn	06 22 34.2	+0.5			
IDI		comp=N,6.1nm,0.3s,baz=62,slow=18,SNR=28		Sn	06 23 18.1	-0.2			
IDI	Anoyia	3.73 243	PN	Pn	06 22 34.2	+0.8			
BRTR	Keskin Array B	4.54 53	PN	Pn	06 22 45.5	+0.5			
BRTR		comp=N,0.7nm,0.3s,baz=231,slow=15,SNR=16		Sn	06 23 38.6	+0.1			
MMAI	Mount Meron Ar	6.66 125	PN	Pn	06 23 12.3	-1.7			
MLR	Muntele Rosu	8.71 346	PN	Pb	06 23 42.5	+0.3			
MLR		comp=N,0.2nm,0.3s,baz=185,slow=12,SNR=1.6		Sn	06 23 42.5	+0.3			
GERES	GRESS Array B	16.18 321	PN	Pn	06 25 24.2	+0.6			
FINES	FINESS Array B	24.47 357	PN	Pn	06 26 55.0	-0.1			
FINES		comp=N,0.4nm,0.4s,baz=39,slow=8,SNR=1.8		Sn	06 26 55.0	-0.1			
ESDC	Sonsecra Array	25.85 286	P	Pg	06 27 08.8	+0.8			
ESDC		comp=N,0.4nm,0.3s,baz=96,slow=12,SNR=3.2		Sn	06 27 08.8	+0.8			
TORD	Torodi Ar, Bea	34.07 233	PN	Pb	06 28 19.5	-1.5			
TORD		comp=N,0.4nm,0.4s,baz=39,slow=8,SNR=6.0		Sn	06 28 19.5	-1.5			
YKA	Yellowknife Ar	76.54 344	P	Pg	06 33 25.0	-1.3			
YKA		comp=N,0.2nm,0.8s,baz=45,slow=5,SNR=4.2		Sn	06 33 25.0	-1.3			

DDA 18 06:23:06.5,37.04N,28.88E, h7km,4km,ML2.0
 ISK 18 06:23:06.3,37.08N,28.92E, h4km,ML2.5/6
 ISC 18 06:23:06.9,1.2,37.08N,0.03,28.93E,0.03, h4km,10km,
 n15, r1500/29, Turkey

Code	Station Name	Δ° AZ°	Phase ID	Time Res					
				h m s ISC					
TURN	Turunc	0.33 232	PG	Pn	06 23 28.2	-0.3			
TURN		06 23 28.2	+7.2	Sb	06 23 28.2				
TURN	Turunc	0.33 232	iP	Pn	06 23 18.0	-0.4			
TURN		06 23 17.4	+6.4	Sb	06 23 17.4				
DALY	Dalyan (Mula)	0.34 221	PG	Pb	06 23 13.5	-2.0			
DALY	Dalyan (Mula)	0.34 221	iP	Pb	06 23 13.1	-0.3			
DALY		06 23 17.2	-0.7	Sg	06 23 17.2				
DALY		06 23 20.0		Sb	06 23 20.0				
DALY		06 23 20.0		IAML	06 23 20.0				
TAVA	DENIZLI_Tavas	0.39 358	iP	Pg	06 23 15.2	+0.8			
TAVA		06 23 20.8	+1.3	Sg	06 23 20.8				
TAVA		06 23 23.0		IAML	06 23 23.0				
FETY	Fethiye	0.46 165	PG	Pb	06 23 15.9	-1.6			
FETY	Fethiye	0.46 165	iP	Pg	06 23 15.7	+0.1			
FETY		06 23 21.4	-0.1	Sg	06 23 21.4				
YER	Yerkesik	0.52 276	PG	Sb	06 23 16.9	-1.7			
YER		06 23 24.7	-1.9	Sb	06 23 24.7				
GOLH	Golhisar	0.53 72	iP	Pg	06 23 17.4	+0.5			
GOLH		06 23 26.8	+0.1	Sb	06 23 26.8				
GOLH		06 23 30.0		IAML	06 23 30.0				
AKAS	Kas	1.00 147	iP	Sn	06 23 28.4	+0.6			
AKAS		06 23 41.9	-0.5	Sb	06 23 41.9				
AKAS		06 23 48.0		IAML	06 23 48.0				
ARG	Arhangelos	1.08 217	PG	Pn	06 23 27.7	-1.0			
DAT	Datca	1.14 253	PN	Pn	06 23 28.7	-1.0			
DAT	Datca	1.14 253	iP	Pn	06 23 28.6	-1.1			
DAT		06 23 44.3	-1.6	Sb	06 23 44.3				
AYDB	Zeytin koy-Aydi	1.20 317	PN	Pn	06 23 29.7	-0.5			
KHAL	Karahalli	1.36 19	iP	Sn	06 23 32.1	-0.7			
KHAL		06 23 31.7	+0.2	Sb	06 23 31.7				
KHAL		06 23 32.0		IAML	06 23 32.0				
comp=N,18nm,0.2s									

MOS 18 06:32:56.1,0.44,53N,37.35E, h11km,MPVA3.6
 SIGU 18 06:32:57.0,45.02N,37.57E, h33km
 ISC 18 06:32:58.0,1.9,44.48N,0.110,37.35E,0.04, h10km,13km,
 n15, r1500/29, 1C-1D, Western Caucasus

Code	Station Name	Δ° AZ°	Phase ID	Time Res		
				h m s ISC		
ANN	Anapa	0.33 10f	ePg	Pg	06 33 03.9	-0.6
ANN		06 33 04.3		Pgm	06 33 04.3	
ANN		06 33 08.6	-0.3	eSg	06 33 08.6	
ANN		06 33 09.5		Sgm	06 33 09.5	
ANN	Anapa	0.33 10	iPg	Pg	06 33 04.1	-0.5
ANN		06 33 09.0	+0.1	iSg	06 33 09.0	
GL1R	Gelendzhik	0.52 82f	ePg	Pg	06 33 09.3	+1.2
GL1R		06 33 17.6	+0.9	iSg	06 33 17.6	
KERU	Kerch	1.04 323	e	Sb	06 33 35.1	+3.1
KERU		06 33 35.2		em	06 33 35.2	
AGYR	Agha	1.25 105	ePg	Pn	06 33 21.3	-0.3
AGYR		06 33 38.2	+0.3	iSg	06 33 38.2	
TPSR	Tuapse	1.31 107	ePg	Pn	06 33 22.1	-0.3
TPSR		06 33 40.0	0.0	iSg	06 33 40.0	
LZRR	Lazerenskoye	1.56 110	ePg	Pn	06 33 25.4	-0.4
LZRR		06 33 46.1	+0.1	eSg	06 33 46.1	
GUZR	Guzeripf	2.04 103	ePg	Pn	06 33 31.6	-0.9
GUZR		06 33 57.7	-0.5	eSg	06 33 57.7	
RPOP	Krasnaya Polyta	2.24 109	ePg	Pn	06 33 34.8	-0.4
RPOP		06 33 43.6	+0.7	iSg	06 33 43.6	
YAL	Yalta	2.29 271	ePn	Pn	06 33 36.4	+0.6
YAL		06 34 03.7	-0.3	eSg	06 34 03.7	
YAL		06 33 35.4	-0.4	ePn	06 33 35.4	

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YAL	Sevastopol'	2.64 273	eSg	Sn	06 34 03.7	-0.3
SEV	baz=262		ePn	Pn	06 33 39.3	-1.3
SEV		06 33 41.6		Pn	06 33 41.6	
SEV	baz=262		eSg	Sn	06 34 12.3	-0.3
SEV		06 34 15.2		Snm	06 34 15.2	
SEV	baz=262		eSg	Snm	06 34 15.6	
SEV	Sevastopol'	2.64 273	ePn	Pn	06 33 39.3	-1.3
SEV		06 34 12.3	-0.3	eSg	06 34 12.3	
SEV	Dombai	3.31 110	ePn	Pn	06 33 50.1	+0.1
DMR	DMR	3.89 99	ePn	Pn	06 33 57.4	-0.7
SHA1	Shidzhatmaz	3.89 99	eSg	Sn	06 34 42.2	-1.7

DNK 18 06:50:49.2,2.6,52.78N,1.03W, h0km,36km,ML3.0,
 Hypocentre not reviewed by the ISC
 LDG 18 06:50:50.8,0.1,52.75N,0.81W, h3km,MD3.6/2,ML3.7/59,
 Error ellipse: s-maj=1.5km s-min=1.1km az=46.0,
 NEIC 18 06:50:50.9,2.3,52.77N,0.87W, h0.08,h6km,6km,
 Error ellipse: s-maj=1.1km s-min=6.6km az=200.0

BGS 18 06:50:51.5,1.0,52.72N,0.73W, h2km,4km,ML3.5
 NAO 18 06:50:55.7,4.9,53.08N,0.33W, h24km,25km,ML2.2
 ISC 18 06:50:49.6,0.3,52.70N,0.01,0.72W,0.01, h15km,2km,
 n201, r2539/305, 11C-10D, United Kingdom

Code	Station Name	Δ° AZ°	Phase ID	Time Res
				h m s ISC
CWF	Charnwood Fore	0.36 276	i	

QUIF	comp=N,20nm,0.3s	eSn	Sn	06 53 03.1 +0.6
QUIF		eSg	Sg	06 53 29.8 -1.5
CLM	comp=N,48nm,0.7s	ePn	Pn	06 52 08.1 +3.3
WLF	Cham-n-Forêt	ePn	Pn	06 52 11.7 +3.8
WLF	Waizerdange	ePn	Pg	06 52 29.9 -0.8
MEZF	Maizieres J'vi	ePn	Pg	06 52 14.4 +2.4
MEZF	Maizieres J'vi	ePn	Pg	06 52 37.3 +0.8
MEZF	comp=N,20nm,0.4s	eSn	Sn	06 53 14.4 -1.5
MEZF	comp=N,34nm,0.5s	eSg	Sg	06 53 46.8 -1.9
SFTF	Sextontaines	ePn	Pn	06 52 17.7 +2.5
SFTF	Sextontaines	ePn	Pn	06 52 21.2 +6.0
SFTF	comp=N,21nm,0.3s	eSg	Sg	06 53 54.5 -1.5
PAGF	Fort de Pagny	ePn	Pn	06 52 17.0 +1.5
PAGF	Fort de Pagny	eSg	Sg	06 52 38.6 -1.7
PAGF	comp=N,8,2nm,0.3s	eSg	Sg	06 53 20.7 -1.4
PAGF	comp=N,22nm,0.5s	eSg	Sg	06 53 55.0 -1.8
HYF	Humbigny	ePn	Pn	06 52 18.1 +2.3
HYF		eSg	Sg	06 53 21.1 -1.5
HYF		eSg	Sg	06 53 55.2 -2.2
MFF	Saint Martin d	ePn	Pn	06 52 20.8 +1.4
MFF	Saint Martin d	ePn	Pn	06 52 24.9 +5.5
MFF	Saint Martin d	eSg	Sg	06 52 27.3 -1.8
MFF	comp=N,13nm,0.3s	eSg	Sg	06 54 03.3 -2.6
LOR	Lormes	ePn	Pn	06 52 21.9 +1.5
LOR	Lormes	ePn	Pg	06 52 47.0 -1.0
LOR	comp=N,13nm,0.4s,baz=330	eSn	Sn	06 53 29.2 -1.6
LOR	comp=N,13nm,0.4s,baz=330	eSg	Sg	06 54 04.3 -3.8
SSF	Saint Saulge	ePn	Pn	06 52 23.0 +1.5
SSF	Saint Saulge	ePn	Pg	06 52 47.8 -1.8
SSF		eSg	Sg	06 53 31.2 -1.7
SSF		eSg	Sg	06 54 08.5 -2.3
AVF	comp=N,16nm,0.5s	ePn	Pn	06 52 25.7 +1.4
AVF	Avril sur Loir	ePn	Pg	06 52 51.4 -2.2
AVF	Avril sur Loir	eSg	Sg	06 53 36.0 -1.9
AVF	comp=N,6,9nm,0.3s	eSg	Sg	06 54 14.8 -2.6
HAU	Haudompre	ePn	Pn	06 52 26.6 +1.6
HAU	Haudompre	ePn	Pg	06 52 31.1 +6.1
HAU	Haudompre	eSg	Sg	06 52 52.6 -1.8
HAU	comp=N,8,2nm,0.3s	eSg	Sg	06 53 37.2 -1.9
BGF	comp=N,27nm,0.5s	eSg	Sg	06 54 16.1 -2.7
BGF	Bois d'Agland	ePn	Pn	06 52 26.9 +1.3
BGF	Bois d'Agland	ePn	Pg	06 52 52.6 -2.7
BGF		eSg	Sg	06 53 38.2 -2.1
BGF	comp=N,36nm,0.3s	eSg	Sg	06 54 18.4 -2.0
CDF	Comp de Feu	ePn	Pn	06 52 29.3 +2.4
CDF	Comp de Feu	ePn	Pg	06 52 50.0 -2.1
CDF	comp=N,3,3nm,0.2s	eSg	Sg	06 53 41.0 -1.6
CDF	comp=N,3,3nm,0.2s	eSg	Sg	06 54 20.0 -3.3
TCF	comp=N,22nm,0.7s	ePn	Pn	06 52 28.6 +1.2
TCF	Touix Ste Croi	ePn	Pg	06 52 55.4 -2.4
TCF	Touix Ste Croi	eSg	Sg	06 53 41.2 -2.2
TCF		eSg	Sg	06 54 21.7 -2.7
ECH	Echery	ePn	Pn	06 52 30.8 +2.8
SMF	Signal de Mont	ePn	Pn	06 52 29.6 +1.6
SMF	Signal de Mont	ePn	Pg	06 52 56.7 -2.0
SMF	comp=N,6,2nm,0.3s	eSg	Sg	06 53 42.7 -1.8
SMF	comp=N,14nm,0.5s	eSg	Sg	06 54 19.0 +1.2
CLZ	Clausthal	ePn	Pn	06 52 32.0 +2.4
CLZ	Clausthal	ePn	Pg	06 52 41.2 +2.2
HINF	Hinterfeld	ePn	Pn	06 52 31.5 +1.5
HINF	Hinterfeld	ePn	Pg	06 52 59.3 -2.1
HINF		eSg	Sg	06 53 45.9 -2.2
HINF	comp=N,5,2nm,0.3s	eSg	Sg	06 54 27.6 -2.9
STAV	Stavanger	ePn	Pn	06 52 33.0 -1.3
STAV		eSg	Sg	06 53 50.0 -5.9
SNART	Snartemo	ePn	Pn	06 52 34.8 +0.4
SNART		eSg	Sg	06 53 51.4 -4.8
SNART		eSg	Sg	06 53 51.4 -4.7
SNART	comp=N,14nm,0.3s	IAML		06 53 55.1
SNART	comp=N,15nm,0.4s	IAML		06 53 55.1
SNART	comp=N,15nm,0.4s	IAML		06 53 55.1
SNART	comp=N,14nm,0.3s	IAML		06 53 55.1
BFO	Black Forest	ePn	Pn	06 52 37.2 +2.4
KMY	Karmoy	ePn	Pn	06 52 35.5 +0.5
KMY		eSg	Sg	06 53 53.4 -5.4
KMY	Karmoy	ePn	Pn	06 53 53.7 -5.1
LRW	Lerwick	ePn	Pn	06 52 37.8 +0.1
LRW		eSg	Sg	06 53 56.8 -5.1
LRW	comp=N,5,9nm,0.5s	IAML		06 54 00.3
CABF	La Chapelle	ePn	Pn	06 52 40.2 +1.4
CABF	La Chapelle	ePn	Pn	06 52 45.2 +6.4
CABF	La Chapelle	ePn	Pg	06 53 11.9
CABF		eSg	Sg	06 54 01.5 -2.4
CABF	comp=N,4,8nm,0.3s	eSg	Sg	06 54 49.3
RJF	Les Rejaudoux	ePn	Pn	06 52 40.9 +1.9
RJF	Les Rejaudoux	ePn	Pg	06 53 59.7 -4.6
RJF	comp=N,15nm,0.3s	eSg	Sg	06 54 48.3
HOMB	Homborsund	ePn	Pn	06 52 40.9 +0.6
HOMB	Homborsund	eSg	Sg	06 54 03.1 -3.5
HOMB		IAML		06 54 06.9
HOMB	comp=N,11nm,0.6s	IAML		06 52 39.8
HOMB		IAML		06 54 03.0
HOMB		IAML		06 54 06.3
LF	La Frestale	ePn	Pn	06 52 43.9 +1.0
LF	La Frestale	eSg	Sg	06 54 08.1 -3.1
LF	comp=N,14nm,0.3s	eSg	Sg	06 54 57.0
BLSS	Blasjo	ePn	Pn	06 52 43.4 +0.5
BLSS		eSg	Sg	06 54 06.1 -5.2
BLSS		IAML		06 54 08.8
CAF	Calviac	ePn	Pn	06 52 46.1 +0.9
CAF	comp=N,21nm,0.4s	eSg	Sg	06 54 12.0 -3.4
CAF		eSg	Sg	06 55 01.8
SSB	Saint Sauveur	ePn	Pn	06 52 48.6 +0.7
ODD1	Odda	ePn	Pn	06 52 49.1 -0.1
ODD1	Odda	eSg	Sg	06 54 16.3 -6.3
ODD1		IAML		06 54 26.1
ASK	Askoy	ePn	Pn	06 52 50.1 -1.1
CLL	Collm	eSg	Sg	06 54 37.0 +7.4
VIVF	Saint-Julien-I	ePn	Pn	06 52 54.6 +0.9
VIVF		eSg	Sg	06 54 26.8 -3.9
VIVF	comp=N,4,9nm,0.3s	eSg	Sg	06 55 21.7
ONAU	Onsala	ePn	Pn	06 52 53.8 -0.1
ONAU		eSg	Sg	06 54 25.9 -5.0
LPL	La Plagne	ePn	Pn	06 52 57.2 -2.1
LPL		eSg	Sg	06 54 29.6 -3.1

LPG	comp=N,3,6nm,0.4s	ePn	Pn	06 52 58.5 +3.2
LPG		eSg	Sg	06 54 32.3 -1.0
TJOU	comp=N,3,3nm,0.3s	ePn	Pn	06 52 56.5 +0.2
TJOU	Tjoern	eSg	Sg	06 54 30.2 -5.1
FABU	Falkenberg	ePn	Pn	06 52 58.9 +1.9
FABU		eSg	Sg	06 54 32.2 -4.2
SUE	Sulen	ePn	Pn	06 52 57.8 +0.4
SUE		eSg	Sg	06 54 29.9 -7.2
SUE		IAML		06 54 39.4
ORIF	comp=N,2,7,3nm,0.6s	ePn	Pn	06 52 59.4 +1.9
ORIF	Oris-en-Rattie	eSg	Sg	06 54 34.4 -3.7
KONO	comp=N,1,1nm,0.5s	ePn	Pn	06 52 59.6 +0.5
KONO	Kongsberg	eSg	Sg	06 54 35.6 -4.7
KONO		IAML		06 54 55.2
LASF	comp=N,2,10nm,1.1s	ePn	Pn	06 53 02.3 +1.3
LASF	Ste Croix	eSg	Sg	06 54 40.3 -3.4
LASF	comp=N,2,2,0nm,0.4s	eSg	Sg	06 55 38.3
BORU	Boraas	ePn	Pn	06 53 02.0 +1.0
BORU		eSg	Sg	06 54 40.7 -3.0
STRU	Stroemstad	ePn	Pn	06 53 02.7 +0.4
STRU		eSg	Sg	06 54 39.9 -5.0
DEL	Delary	ePn	Pn	06 53 04.3 +1.8
DEL		eSg	Sg	06 54 42.3 -4.1
HYA	Hoyanger	ePn	Pn	06 53 02.4 -0.2
HYA		eSg	Sg	06 54 37.1 -9.4
HYA		IAML		06 54 52.4
MBDF	comp=N,4,7nm,0.6s	ePn	Pn	06 53 05.9 +1.5
MBDF	Montbardon	eSg	Sg	06 54 45.8 -3.9
SKAR	comp=N,2,1,9nm,0.3s	ePn	Pn	06 53 03.9 -0.5
SKAR	Skarslia	ePn	Pn	06 53 04.4 -0.5
FOO	Floro	ePn	Pn	06 53 07.0 +0.8
BSD	Bornholm Skovb	ePn	Pn	06 53 07.0 +0.8
BSD	Bornholm Skovb	ePn	Pn	06 55 10.5
BSD	comp=N,1,5nm,0.4s	ePn	Pn	06 53 07.0 +0.8
BSD	Bornholm Skovb	ePn	Pn	06 55 10.5
MTLF	comp=N,1,5nm,0.4s	ePn	Pn	06 53 07.8 +1.0
MTLF	Montoliu	ePn	Pn	06 53 49.5 +4.3
MTLF	Montoliu	ePn	Pn	06 54 49.4 -4.6
MTLF	comp=N,3,2nm,0.3s	eSg	Sg	06 55 51.5
MTLF	Ste Jean	ePn	Pn	06 53 07.8 +0.6
MTLF		eSg	Sg	06 54 50.9 -3.8
EPF	comp=N,2,7,2nm,0.3s	ePn	Pn	06 53 09.5 +0.9
EPF	Esparrros	eSg	Sg	06 54 53.0 -4.3
ETSF	Etsaut	ePn	Pn	06 53 10.7 +0.6
ETSF		eSg	Sg	06 54 55.7 -4.3
NAO01	comp=N,3,6nm,0.4s	ePn	Pn	06 53 17.6 +0.5
NAO01	NORSAR Array S	ePn	Pn	06 54 20.2 +1.8
NC602	NORSAR Array S	ePn	Pn	06 53 22.6 +3.5
NRA0	NORESS Array S	ePn	Pn	06 53 18.3 -0.8
NRA0	comp=N,2,2,2nm,0.2s	eSg	Sg	06 55 08.2 -7.9
NRA0	NORESS Array S	ePn	Pn	06 53 18.3 -0.8
NRA0	comp=N,2,2,2nm,0.2s	eSg	Sg	06 55 08.2 -7.9
NB2	NORSAR Subarra	ePn	Pn	06 53 19.2 -1.4
NB2	NORSAR Subarra	ePn	Pn	06 53 19.2 -1.4
NC204	NORSAR Array S	ePn	Pn	06 53 20.9 -0.2
COI	Coimbra	ePn	Pn	06 54 07.4 +6.1

IDC 18 06:51:14.5,3.1,7.57S:128.37E,h143km,40km,mb3.2/2, mb1 3.5/6,mb1mx3.2/43,mbtm3.9/6,Error ellipse: s-maj=62.2km s-min=20.8km az=91.0, Banda Sea

Code	Station Name	Δ°	AZ°	Op	Phase ID	ISC	Time	Res
							h	s
SJUI	Sorong	7.25	24	P		ISC	06 52 57.9	-0.2
SJUI	2.6nm,0.3s,baz=198,slow=22,SNR=12							
SJUI	1.3nm,0.3s,baz=226,slow=23,SNR=2.1						06 54 14.4	-4.8
FITZ	Fitzroy Crossi	10.80	194	P		ISC	06 53 46.2	+1.0
FITZ	1.8nm,0.3s,baz=27,slow=9.5,SNR=18						06 55 41.6	-3.0
WRA	Warramunga Arr	13.59	155	P		ISC	06 54 19.8	-1.8
WRA	1.1nm,0.3s,baz=323,slow=14,SNR=31						06 56 43.4	+8.6
ASAR	Allice Springs	16.86	162	P		ISC	06 55 02.5	+0.3
ASAR	0.4nm,0.3s,baz=334,slow=10,SNR=26						06 58 02.2	-8.1
MKAR	Makanchi Array	67.83	328	P		ISC	07 01 58.1	+0.9
MKAR	0.3nm,0.5s,baz=127,slow=7.9,SNR=4.5							
KURBB	Kurchatov Arra	72.16	329	P		ISC	07 02 22.6	-0.9
KURBB	0.5nm,0.5s,baz=128,slow=5.1,SNR=4.3							

JMA 18 06:53:22.0,24°13'N:121°70'E,h54km,1km,M2.8
TAP 18 06:53:22.9,24°21'N:121°73'E,h47km,ML3.4,B
ISC 18 06:53:23.7,1.2,24.20N:0.02:121.73E:0.02,h44km,5.5km,
n93, r0:60/149, 1C-1D, Taiwan

Code	Station Name	Δ°	AZ°	Op	Phase ID	ISC	Time	Res
							h	s
NACB	Ninganchiao	0.13	258	P		ISC	06 53 30.7	-0.3
NACB	baz=256							
TWD	Chiawan	0.17	226	P		ISC	06 53 31.1	-0.2
TWD	baz=223							
ENA	Nanau	0.23	2	P		ISC	06 53 31.6	-0.1
ENA	baz=4.0							
ETLH	Xiulin Townshi	0.23	271	P		ISC	06 53 31.4	-0.4
ETLH	baz=270							
HWA	Hwaiyen	0.25	208	eP		ISC	06 53 37.7	+0.2
ENLB	Shoufeng	0.32	202	P		ISC	06 53 32.1	-0.5
ENLB	baz=201							
NNSB	Datong	0.39	305	P		ISC	06 53 33.1	-0.4
NNSB	baz=304							
NNSH	Datong	0.39	305	iP		ISC	06 53 40.5	+0.1
NNSH	baz=304							
NNSH	baz=304							
NNS	Nan Shan	0.41	306	P		ISC	06 53 33.3	-0.4
NNS	baz=305							
TWC	Taiwan	0.42	15	eP		ISC	06 53 33.8	+0.1
TWC	baz=16							
WHF	Hehuan Shan	0.43	263	iP		ISC	06 53 33.8	-0.4
WHF	baz=261							
NDT	Datong Townshi	0.45	333	P		ISC	06 53 33.7	-0.4
NDT	baz=333							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WMQ, MAKZ, MK31, DANN, GUN, etc.

Table with columns: SWSC, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sam W. Stewart, Camp Elliot, etc.

Table with columns: DZM, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mont Dzumac, Rabaul, etc.

NEIC 18 07:11:32.0±2.2, 31.70N±0.03, 116.32W±0.04, h17km, 3km, Error ellipse: s-maj=5.9km s-min=3.2km az=225.0

SCEDC 18 07:11:33.0±1.7, 31.79N±0.12, 116.22W±0.10, h10km, 1km, Error ellipse: s-maj=4.4km s-min=2.0km az=248.0

ECX 18 07:11:33.2±0.5, 31.77N±0.11, 116.21W±0.03, h5km, 5km, MD2.8, Error ellipse: s-maj=4.4km s-min=2.0km az=248.0

ANF 18 07:11:34.3±0.9, 31.87N±0.11, 116.29W±0.08, h18km±6km, ML2.8/12, Error ellipse: s-maj=3.6km s-min=3.0km az=150.0

ISC 18 07:11:32.1±0.9, 31.74N±0.02, 116.26W±0.02, h15km±7km, n66, c096/93, 2C, Baja California

ISC 18 07:28:27.3±2.0, 10.81S±0.09, 165.6E±0.1, h10km±1km, mb4.6/5, Error ellipse: s-maj=25.3km s-min=12.9km

IDC 18 07:28:32.8±4.1, 10.86S±1.65, 165.44E, h53km±36km, mb3.5/6, mb1.3/9.8, mb1mx3.6/29, mbmp4.0/8, ML4.6/2, Error ellipse: s-maj=36.6km s-min=29.6km az=128.0

ISC 18 07:28:30.2±1.0, 10.85S±0.1, 165.5E±0.1, h30km±1n16, c094/16, mb3.9/8, Santa Cruz Islands

ISC 18 07:30:12.6±0.5, 11.23S±1.64, 175E, h0km, mb4.4/17, mb1.4/6.2, mb1mx4.5/29, mbmp4.4/20, ML4.8/3, MS4.5/26, Ms1.4/5.26, ms1mx4.4/35, Error ellipse: s-maj=19.3km s-min=15.7km az=102.0

NEIC 18 07:30:14.0±1.6, 11.19S±0.09, 164.8E±0.1, h10km±1km, mb5.1/48, Error ellipse: s-maj=17.8km s-min=13.2km az=60.0

BUI 18 07:30:15.0±0.0, 10.89S±1.64, 175E, h21km, mb5.3/46, mb4.9/64, Ms4.9/38, Ms4.7/37

MOS 18 07:30:16.8±0.8, 11.19S±1.64, 175E, h36km, mb5.3/21, Error ellipse: s-maj=10.2km s-min=8.5km az=132.4

GCMT 18 07:30:17.0±0.1, 11.28S±0.01, 164.67E±0.01, h12km, MW5.3/144, Moment Tensor Solution. s98, c142; s144, c268; Duration: 1.1 Moment tensor: Scale 1017 Nm; Mn-1.05±0.1; M0±0.20±0.1; M0±0.85±0.1; M0±0.20±0.4; M0±0.28±0.1; N1±0.18±0.4; Best double couple: M0: 1.03300±0.1017 N1±0.18±0.4; Best double couple: λ-73.00000°, NP2±0.189.00000°, 0.849.00000°, 1-75.00000° Principal axes: T: 0.9610, P: 0.9000, N: 0.1460, Azm: 199.0000°; P Azm: 280.0000°; N Azm: 110.0000°; Azm: 199.0000°; P 1.1050, P1g78.0000°, Azm: 34.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 18 07:30:17.3±0.3, 11.22S±0.05, 164.71E±0.05, h29km, n200, c169/204, mb5.0/67, MS4.6/39, 8C-7D, Santa Cruz Islands region

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

18d 7h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SACY, NVL, MOIG, TIGA, 158A, QSPA, 352A, NHSC, Z58A, BRAL, Z57A, 154A, Y60A, ZAI, Z56A, Y58A, X60A, Y57A, Y57A, Y56A, X59A, GOGA, X58A, Y55A, X57A, W61A, W60A, 346A, CNNC, X56A, BIRD, W59A, W58A, Z51A, X55A, Y52A, Y52A, Z50A, Z50A, W57A, W57A, X54A, LRLAL, LRLAL, W56A, PAUL, KMSC, KMSC, U61A, 146A, W58A, W54A, 342A, Z47A, VBMS, VBMS, Y49A, U60A, U59A, V56A, TIC, HKT, HKT, KIC, U58A, DBIC, DBIC, V55A, FPAL, W52A, U57A, V54A.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like V53A, T59A, U56A, 833A, X48A, T58A, TKL, TKL, TKL, CPCT, W50A, U55A, T57A, Y45A, SWET, U54A, T56A, NATX, S58A, U54A, T55A, BLA, BLA, BLA, BLA, T54A, OXF, OXF, R58B, S57A, S56A, R59A, T53A, Z41A, V48A, CCAR, R58A, T52A, S55A, CLTN, CLTN, R57A, T51A, X43A, S54A, S54A, Q60A, WLAR, S53A, R55A, R55A, R54A, WWT, WWT, WWT, Q58A, S52A, JCT, JCT, JCT, S51A, Z38A, WHTX, WHTX, Q57A, SDMD, X40A, P59A, R53A, S50A, UALR, Q56A, HPIG, HPIG, P59A, HBAR, P58A, P60A, R52A, T47A, Q55A, GNAR, P57A, P57A, O61A, MIAR.

1302

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MIAR, W41B, Q54A, S49A, R51A, Q53A, P56A, WHAR, HICK, PEMO, R50A, O60A, P55A, O58A, Q52A, O59A, PAGS, LCAR, MCWV, TXAR, TXAR, TX31, TX32, R49A, P54A, O57A, FCAR, P53A, P53A, W39A, W39A, Q50A, Q51A, N60A, WCI, WCI, WCI, X37A, O56A, PBMO, O55A, N59A, UNIS, P52A, N58A, M61A, SSPA, SSPA, M62A, P51A, ABTX, ABTX, N57A, O54A, Q49A, M60A, S44A, SIUC, Q48A, L63A, U40A, U40A, O53A, O52A, N56A, N55A, M59A, M58A, P49A, KSPA, M57A, O51A, P48A, HHAR, BLO, L60A, ACSO, ACSO, N54A, N54A, N53A, O50A, X34A.

1303

M56A	Emporium	70.32 348	P	P	07 57 11.3 +0.8
W35A	Tecumseh	70.34 331	P	P	07 57 10.3 -0.5
HRV	Adam Czewonski	70.35 353	P	P	07 57 11.9 +1.3
N52A	McGinn's Farm,	70.41 345	P	P	07 57 11.3 +0.3
M55A	Ridgway	70.42 347	P	P	07 57 11.9 +0.7
L61B	Northampton	70.42 352	P	P	07 57 12.2 +1.1
L58A	Harry Jones Me	70.47 350	P	P	07 57 12.7 +1.3
O49A	Covington	70.48 343	P	P	07 57 11.3 -0.2
L59A	Walton	70.48 350	P	P	07 57 12.9 +1.4
TUL1	Leonard	70.53 332	P	P	07 57 12.1 +0.2
TUL1	Leonard	70.53 332	IAMB	IAMB	07 57 12.2
K62A	Royalston	70.58 353	P	P	07 57 13.9 +1.9
L57A	Andrews Acres	70.59 349	P	P	07 57 13.0 +0.9
M54A	Oil Creek Stat	70.64 347	P	P	07 57 13.1 +0.7
M54A	Oil Creek Stat	70.64 347	IAMB	IAMB	07 57 14.1
BINY	Binghamton	70.64 350	P	P	07 57 13.5 +1.1
CCM	Cathedral Cave	70.66 337	P	P	07 57 12.1 -0.5
CCM	Cathedral Cave	70.66 337	P	P	07 57 12.3 -0.3
CCM	Cathedral Cave	70.66 337	P	P	07 57 12.1 -0.5
CCM	Cathedral Cave	70.66 337	P	P	07 57 12.1 -0.5
Q44A	Meyer Farm, Va	70.67 339	IAMB	IAMB	07 57 12.6
N51A	Ashland	70.67 344	P	P	07 57 12.6 0.0
N51A	Ashland	70.67 344	IAMB	IAMB	07 57 13.8
K61A	Williamstown	70.71 352	P	P	07 57 14.2 +1.4
N50A	Nevada	70.72 344	P	P	07 57 12.8 -0.1
SUR	Sutherland	70.73 117	P	P	07 57 14.8 +1.2
SUR	Sutherland	70.73 117	P	P	07 57 14.2 +0.7
SUR	SUR	70.73 117	IAMB	IAMB	07 57 15.8
K60A	Five Rivers En	70.74 351	P	P	07 57 14.1 +1.2
P46A	Rosedale	70.76 340	IAMB	IAMB	07 57 13.5
O48A	Farmland	70.76 342	P	P	07 57 12.9 -0.2
M53A	WI Miller and	70.78 346	P	P	07 57 13.8 +0.6
OKCFA	Oklahoma City	70.81 331	IAMB	IAMB	07 57 14.7
SLM	Saint Louis	70.83 338	IAMB	IAMB	07 57 14.0
WMOK	Wichita Mounta	70.84 329	P	P	07 57 13.0 -0.7
WMOK	Wichita Mounta	70.84 329	P	P	07 57 13.7 -0.1
WMOK	Wichita Mounta	70.84 329	P	P	07 57 13.0 -0.7
L56A	Greenwood	70.84 348	P	P	07 57 14.6 +1.0
L56A	Greenwood	70.84 348	IAMB	IAMB	07 57 15.5
ALLY	Alegheny Colle	70.87 346	IAMB	IAMB	07 57 15.4
M51A	Elyria	71.02 345	P	P	07 57 14.9 +0.3
K59A	Coopersburg	71.03 351	P	P	07 57 15.9 +1.2
M52A	Chesterland	71.03 345	P	P	07 57 15.1 +0.4
L55A	Hinsdale	71.05 348	P	P	07 57 15.6 +0.8
J63A	Strafford	71.07 354	P	P	07 57 16.1 +1.3
J62A	Henniker	71.09 353	P	P	07 57 16.2 +1.2
S39A	Bolivar	71.10 335	IAMB	IAMB	07 57 16.5
N49A	Columbus Grove	71.13 343	P	P	07 57 15.1 -0.1
N49A	Columbus Grove	71.13 343	P	P	07 57 14.8 -0.4
N49A	Columbus Grove	71.13 343	IAMB	IAMB	07 57 16.2
K58A	Earlville	71.14 350	P	P	07 57 16.4 +1.1
L53A	Girard	71.19 346	P	P	07 57 16.2 +0.6
MACI	Morro de la Ar	71.20 42	P	P	07 57 16.7 +0.5
MACI	MACI	71.20 42	IAMB	IAMB	07 57 19.4
R40A	Maddies Statio	71.23 336	IAMB	IAMB	07 57 16.6
K57A	Scipio Center	71.24 349	P	P	07 57 16.3 +0.4
L54A	Sincirville	71.27 347	P	P	07 57 17.0 +0.9
ERPA	Erie	71.29 347	P	P	07 57 17.0 +0.8
ERPA	Erie	71.29 347	IAMB	IAMB	07 57 17.9
N48A	Decatur	71.29 342	P	P	07 57 15.8 -0.3
J61A	Chester	71.29 353	P	P	07 57 18.2 +2.0
M50A	Fremont	71.30 344	P	P	07 57 16.1 -0.1
M50A	Fremont	71.30 344	IAMB	IAMB	07 57 17.3
WVNY	West Valley, N	71.30 348	IAMB	IAMB	07 57 18.2
J60A	Lant Hill Farm	71.30 352	P	P	07 57 16.7 +0.5
K56A	Middlesex	71.35 349	P	P	07 57 17.2 +0.7
SFIN	Lafayette	71.43 341	P	P	07 57 16.3 -0.7
SFIN	Lafayette	71.43 341	P	P	07 57 15.9 -1.1
SFIN	Lafayette	71.43 341	IAMB	IAMB	07 57 17.3
N47A	Urbana	71.49 342	P	P	07 57 16.9 -0.5
K54A	Basilio	71.51 348	P	P	07 57 18.2 +0.8
K55A	Perry	71.51 348	P	P	07 57 18.0 +0.6
I64A	Boothbay	71.58 355	P	P	07 57 19.7 +1.9
M49A	Liberty Center	71.59 343	P	P	07 57 17.9 -0.1
HNH	Hanover	71.62 353	IAMB	IAMB	07 57 20.9
O44A	Mansfield	71.63 340	IAMB	IAMB	07 57 18.4
J59A	Piesco	71.66 351	P	P	07 57 19.6 +1.3
J59A	Piesco	71.66 351	IAMB	IAMB	07 57 20.6
VNDA	Vanda	71.66 189	P	P	07 57 19.4 +1.5
VNDA	Vanda	71.66 189	P	P	07 57 19.3 +1.4
VNDA	Vanda	71.66 189	IAMB	IAMB	07 57 20.6
J58A	Remsen	71.67 350	P	P	07 57 19.3 +0.9
MNTX	Cornudas Mount	71.68 323	P	P	07 57 18.3 -0.4
I62A	Tamworth	71.69 354	P	P	07 57 20.4 +2.0
T35A	Sooner Cattle	71.69 332	IAMB	IAMB	07 57 20.3
I63A	Otisfield	71.79 354	P	P	07 57 20.9 +2.0
I63A	Otisfield	71.79 354	IAMB	IAMB	07 57 21.9

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J57A	Williamstown	71.82 350	P	P	07 57 20.0 +0.8
J56A	Wolcott	71.83 349	P	P	07 57 19.8 +0.5
I61A	Oroboro, Fairl	71.83 353	P	P	07 57 21.0 +1.8
L50A	Kingsville	71.84 344	P	P	07 57 19.2 -0.2
I60A	Shoreham	71.87 352	P	P	07 57 20.9 +1.4
I59A	Olmsteadville	71.90 352	P	P	07 57 20.8 +1.1
M47A	Crowell	71.92 342	P	P	07 57 19.6 -0.2
I58A	Old Forge	71.94 351	P	P	07 57 20.9 +1.0
J55A	Hilton	71.98 349	P	P	07 57 20.9 +0.8
K52A	Tiltsburg	72.08 346	P	P	07 57 21.3 +0.6
LBNH	Lisbon	72.11 353	P	P	07 57 22.5 +1.6
MXST	Muleshoe	72.11 326	P	P	07 57 21.7 +0.4
L48A	N Adams	72.15 343	P	P	07 57 20.6 -0.5
K51A	Iona Station	72.19 346	P	P	07 57 21.6 +0.2
EMMW	East Machias	72.22 357	IAMB	IAMB	07 57 23.8
H65A	Eastbrook	72.25 356	P	P	07 57 23.2 +1.5
CCM	Hopedale	72.26 339	P	P	07 57 21.5 -0.3
H64A	Troy	72.26 355	P	P	07 57 22.4 +0.7
H66A	Whiting	72.28 357	P	P	07 57 23.4 +1.5
I57A	Carthage	72.29 350	P	P	07 57 22.9 +1.0
AAM	Ann Arbor	72.29 344	P	P	07 57 22.6 +0.7
AAM	Ann Arbor	72.29 344	IAMB	IAMB	07 57 23.0
AMTX	Amarillo	72.31 327	P	P	07 57 22.6 +0.3
AMTX	Amarillo	72.31 327	P	P	07 57 22.5 +0.1
AMTX	Amarillo	72.31 327	IAMB	IAMB	07 57 23.9
H63A	New Sharon	72.35 355	P	P	07 57 24.3 +2.1
H61A	Milan	72.36 354	P	P	07 57 24.0 +1.7
H62A	Lyndonville	72.40 353	P	P	07 57 24.2 +1.7
J52A	Paris	72.47 347	P	P	07 57 23.5 +0.5
K50A	Casco	72.49 345	P	P	07 57 23.1 0.0
K50A	Casco	72.49 345	IAMB	IAMB	07 57 24.0
H60A	Morrisstown	72.51 353	P	P	07 57 24.7 +1.5
H58A	Gabriels	72.55 351	P	P	07 57 24.6 +1.2
K49A	Clarkson	72.70 344	P	P	07 57 24.1 -0.2
L46A	Eue Claire	72.71 342	P	P	07 57 23.8 -0.5
L46A	Eue Claire	72.71 342	IAMB	IAMB	07 57 24.8
G65A	Princeton	72.71 356	P	P	07 57 26.0 +1.7
H59A	Cadyville	72.71 352	P	P	07 57 25.3 +1.0
G63A	Kingsbury	72.76 355	P	P	07 57 26.0 +1.5
LONNY	Lake Ozonia	72.80 351	P	P	07 57 26.1 +1.2
G64A	Maxfield	72.84 356	P	P	07 57 26.5 +1.5
I53A	Kortright Cn E	72.85 347	P	P	07 57 25.5 +0.4
HSIG	comp=Z,99nm,0.9s	72.86 317	IAMB	IAMB	07 57 27.6
K48A	Perry	72.88 344	P	P	07 57 25.2 -0.1
I55A	Frankford	72.88 349	P	P	07 57 25.9 +0.7
N41A	Harden Midland	72.90 338	IAMB	IAMB	07 57 26.1
G62A	West of Eustis	72.94 354	P	P	07 57 27.2 +1.6
K47A	Verontville	72.98 343	P	P	07 57 25.4 -0.4
G60A	Masonville	73.00 353	P	P	07 57 27.4 +1.5
H56A	Elgin	73.02 350	P	P	07 57 27.0 +0.9
TSUM	Tsumeb	73.08 103	P	P	07 57 27.8 +0.6
TSUM	comp=Z,77nm,0.7s,baz=225,slow=6.0,SNR=125	73.08 103	P	P	07 59 32.2 +0.7
TSUM	comp=Z,11nm,1.1s,baz=247,slow=7.2,SNR=2.8	73.08 103	P	P	07 57 27.1 -0.1
TSUM	TSUM	73.08 103	IAMB	IAMB	07 57 28.9
G59A	Clarenceville	73.08 352	P	P	07 57 27.5 +1.2
G61A	St-Isidore-de-	73.10 354	P	P	07 57 28.2 +1.7
I51A	Listowel	73.12 346	P	P	07 57 27.2 +0.5
H55A	Tweed	73.12 349	P	P	07 57 27.4 +0.8
J49A	Marlette	73.17 345	P	P	07 57 26.7 -0.3
K46A	Dot	73.20 343	P	P	07 57 26.4 -0.7
I52A	Shelburne	73.20 347	P	P	07 57 28.1 +1.0
G58A	Ornstown	73.25 352	P	P	07 57 28.5 +1.1
J48A	Bridge Port	73.27 344	P	P	07 57 27.5 0.0
J48A	Bridge Port	73.27 344	IAMB	IAMB	07 57 28.6
F63A	Nahmakanta, Br	73.31 355	P	P	07 57 29.6 +1.9
L44A	Lake County Fo	73.32 341	P	P	07 57 27.5 -0.3
L44A	Lake County Fo	73.32 341	IAMB	IAMB	07 57 28.6
G57A	Newington	73.33 351	P	P	07 57 28.8 +1.0
H53A	Bobocang	73.39 348	P	P	07 57 28.7 +0.5
F64A	Sherman	73.42 356	P	P	07 57 29.7 +1.4
J47A	Surer	73.47 343	P	P	07 57 28.6 0.0
J47A	Sumer	73.47 343	IAMB	IAMB	07 57 29.6
PLVO	Plevna	73.58 350	IAMB	IAMB	07 57 31.1
KSU1	Kansas State U	73.60 333	P	P	07 57 29.5 +0.1
121A	Cookes Peak, D	73.62 322	P	P	07 57 31.5 +1.5
121A	Cookes Peak, D	73.62 322	IAMB	IAMB	07 57 32.7
I49A	Point Hope	73.65 345	P	P	07 57 29.6 0.0
I49A	Point Hope	73.65 345	IAMB	IAMB	07 57 30.7
SADO	Sadowa	73.68 348	P	P	07 57 30.1 +0.3
L42A	Oliver, Polo	73.69 339	IAMB	IAMB	07 57 30.7
H52A	Wyevale	73.70 347	P	P	07 57 30.3 +0.4
F61A	St Evariste	73.73 354	P	P	07 57 30.9 +0.8
G55A	Calogioe	73.73 350	P	P	07 57 30.8 +0.7
ORIO	Orleans, Innes	73.75 351	P	P	07 57 31.0 +0.9
N38A	Joe South For	73.80 336	IAMB	IAMB	07 57 31.3

18d 7h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KSC0 Kaye Shedlock, D50A G1974 Best Tow, E47E Iron Bridge, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ZGR Zagora, BELC Belle Mtn, J08 White River, etc.

1304

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MESJ Mesje, MESJ Mesje, MESJ Mesje, etc.

18d 13h

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

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

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Table with columns: TTN, Taitung, ECL, LAY, LAY, EAST, EAST, SSD, MASBT, SSPT, TWK1, TWK1. Includes values like 0.39 271 eP, 0.59 255 iP, etc.

IDC 18 12:10:25.1, 0.9, 19.95S:70.76W, h0km, mb3.6/8, m1 3.9/10, mb1mx3.8/33, mbtmp3.8/10, ML4.1/2, MS3.0/7, Ms1 3.0/7, ms1mx2.9/22, Error ellipse: s-maj=25.3km, s-min=15.4km az=67.0

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSGC, TA02, TA01, PATCX, etc.

1310

Table with columns: TORD, YKA, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, WRA, MKAR. Includes values like 78.59 71 P, 89.07 341 P, etc.

INET 18 12:21:57.5, 12.35N-86.45W, h4km, ML4.4, Nicaragua

INET 18 12:26:45.1, 12.34N-86.50W, h0km, ML3.7, Nicaragua

SNET 18 12:33:55.0, 2.5, 12.46N-87.87W, h39km, 61km, ML3.6

UCR 18 12:33:55.0, 3.0, 5, 12.47N-87.85W, h50km, 17km, ML3.6

ISC 18 12:33:55.6, 1.8, 12.47N-87.85W, h50km, 0.09, h50km, n13, o36/17, 2C, Near coast of Nicaragua

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

IDC 18 12:37:41.9, 2.5, 5.78N-123.91E, h538km, 31km, mb3.1/11, mb1 3.2/11, mb1mx2.9/50, mbtmp4.0/11, Error ellipse: s-maj=42.0km s-min=12.1km az=64.0

ISC 18 12:37:38.6, 0.8, 5.9N-124.1E, 0.3, h500km, n11, o17/13, mb3.4/11, Mindanao

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

IDC 18 13:02:45.5, 0.6, 11.17S:164.80E, h0km, mb4.2/15, mb1 4.4/18, mb1mx3.3/30, mbtmp4.2/19, ML4.3/3, MS3.7/10, Ms1 3.7/10, ms1mx3.4/35, Error ellipse: s-maj=20.7km, s-min=16.9km az=116.0

NEIC 18 13:02:49.9, 1.2, 11.25S:0.09:164.74E:0.08, h29km, 4km, mb4.6/13, Error ellipse: s-maj=16.6km s-min=5.5km az=219.0

ISC 18 13:02:50.0, 0.5, 11.31S:0.07:164.75E:0.08, h31km, n74, o135/66, mb4.5/28, MS3.8/12, Santa Cruz Islands region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR, DZM, CPUP, etc.

18d 13h

Table with columns for flight codes (SMPP, PBKT, QIZ, etc.), destinations (San Manuel, Sadoo Pong, Qiongzong, etc.), times, and status indicators (eP, P, S, etc.).

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Table with columns for flight codes (XAN, NQP, JIRN, etc.), destinations (Xian, Nagpur, Jiri, etc.), times, and status indicators (Iamb, Iamb, etc.).

1312

Table with columns for flight codes (SONM, KSH, KSH, etc.), destinations (Kashi, Kashi, Kashi, etc.), times, and status indicators (PcP, PcP, etc.).

18d 13h

Table with columns: ID, Name, Time, Distance, Direction, Status, and other details. Rows include D50A G1974 Best Tow, D53A Lac Vacive, Po, KSU1 Kansas State U, etc.

2014 APR

Table with columns: ID, Name, Time, Distance, Direction, Status, and other details. Rows include J59A Piesco, J58A Remsen, N48A Decatur, etc.

1314

Table with columns: ID, Name, Time, Distance, Direction, Status, and other details. Rows include N58A Sunbury, Z41A Richland Creek, O55A Ligonier, etc.

Table with 4 columns: LPAZ, comp-Z, 0.9nm, 0.8s, baz=191, slow=5.2, SNR=2.9, PKPbc, PKPbc, 13 53 40.6 +2.4

IDC 18 13:35:09.2+439.0,52.60N:32.31E, h0km, Error ellipse: s-maj=124.7km s-min=62.6km az=174.0, Baltic States-Belarus-Northwestern Russia

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISC 18 13:49:31.0+1.0,45.259N:0.03,141.51E, h0km, mb3.9/8, mb1 4.0/10, mb1mx3.8/43, mbtmp3.8/10, ML3.3/7, Error ellipse: s-maj=28.2km s-min=23.7km az=111.0

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISC 18 13:57:04.1+1.1, 11.45S:161.71E, h0km, mb3.9/8, mb1 4.0/10, mb1mx3.8/43, mbtmp3.8/10, ML3.3/7, Error ellipse: s-maj=28.2km s-min=23.7km az=111.0

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISC 18 13:57:05.5+1.4, 11.50S:161.71E, h0km, mb3.9/8, mb4.4/9, Error ellipse: s-maj=23.2km s-min=11.4km az=60.0

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISC 18 13:57:08.7+0.1, 11.55S:161.71E, h0km, mb3.9/8, mb4.1/13, Bougainville-Solomon Islands

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

KEA 18 14:01:02.0+2.0,36.38N:122.17E, h0km, ML2.4/1, Southeastern China

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 18 14:09:20.4+1.9,42.5S:150.06E, h0km, mb3.9/3, mb1 4.2/3, mb1mx3.5/42, mbtmp3.9/3, Error ellipse: s-maj=63.1km s-min=25.3km az=161.0, New Britain region

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

DJA 18 14:10:19.3+0.4,9.5S:4.11E, h10km, M4.4/17, mb4.5/4, ML4.3/17

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISC 18 14:10:17.1+0.6,9.25S:0.06,110.36E, h10km, n55, s=206/49, mb2.4/16, South of Java

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with 10 columns: UJWJ, Ujung Watu, 2.87 12 P Pn, CISI, Cismopot, Garu, 3.02 304 P Pn

Table with 10 columns: MDSI, Maura Dua, 7.75 307 P Pn, KSI, Kappang, 1.51 305 P Pn, KAPI, Kappang, 10.23 66 P Pn

Table with 10 columns: KAPI, Kappang, 2.15 11n, 18.0s, baz=312, slow=39 LR, KAPI, Kappang, 10.23 66 P Pn, SOEI, Sora, 13.73 66 P Pn

Table with 10 columns: ASAR, Alice Springs, 26.69 125 P Pn, FORT, Forrest, 27.04 145 P Pn, CMAR, Chiang Mai Arr, 29.75 338 LR LR

Table with 10 columns: CTAO, Charters Tower, 36.28 111 P P, ARM, Armadale, 43.84 125 P P, PATS, Pohnpai, 50.39 73 P P

Table with 10 columns: ZIIG, Zihuatajejo, 0.54 312 P Pn, ZIIG, Zihuatajejo, 0.54 312 P Pn, ZIIG, Zihuatajejo, 0.54 312 P Pn

Table with 10 columns: ZIIG, Zihuatajejo, 0.54 312 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn

Table with 10 columns: ZIIG, Zihuatajejo, 0.54 312 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn

Table with 10 columns: ZIIG, Zihuatajejo, 0.54 312 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn

Table with 10 columns: MD7.2, MOS 18 14:27:23.4+1.0, 17.44N:100.94W, h22km, mb6.6/54, MS7.2/48, Error ellipse: s-maj=7.8km s-min=4.3km

Table with 10 columns: NEIC 18 14:27:24.9+2.4, 17.40N:0.05, 100.97W, h24km, 1km, mb6.5/70, Ms 20.7/653, Mwc7.2/163, Mww7.7, Md7.2(NE), Mwc7.3(GCMT), Error ellipse: s-maj=10.7km s-min=7.2km az=239.0

Table with 10 columns: UCR 18 14:27:24.4+2.4, 16.70N:101.48W, h20km, 999km, mb7.2(NEIC), BUJ 18 14:27:26.0+0.0, 17.55N:100.82W, h30km, mb7.2/55, Ms7.6/57, Ms7.6/61

Table with 10 columns: OSPL 18 14:27:29.7+1.2, 14.78N:99.58W, h0km, 999km, NEIC 18 14:27:36, 17.45N:101.23W, h21km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mr5.629; Mw-4.58; Mw-1.71; Mw-6.38; Mw-2.43; Mw-2.69; Fault plane solution: Ms9.25000x10^19 NP1:115.00000; 669.00000; 1.87.00000; NP2:304.00000; 621.00000; 1.99.00000; Principal axes: T 9.4294, Plg66.0000; Azm19.0000; N -0.3382, Plg3.0000; Azm116.0000; P 9.0612, Plg24.0000; Azm207.0000; GCMT 18 14:27:36.0+1.0, 17.55N:101.25W, h19km, MW7.3/173, Moment Tensor Solution, s173.c461; s173.c853; Duration: 10s Moment tensor: Scale 10^20Nm; Mn0.61; Mo-0.44; Mo-0.16; Mo-0.74; Mo-0.2; Mw0.23; Mo-0.33; O1; Best double couple: Ms1.0300x10^20 NP1:115.00000; 669.00000; 1.87.00000; NP2:115.00000; 672.00000; 1.87.00000; Principal axes: T 1.0240, Plg63.0000; Azm21.0000; N -0.0410, Plg2.0000; Azm116.0000; P -0.9220, Plg27.0000; Azm207.0000; nst1 refers to body waves, cutoff=50s, nst2 refers to surface/mantle waves, cutoff=150s. Triangular moment-rate function

Table with 10 columns: NEIC 18 14:27:42, 17.59N:101.06W, h22km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mr5.62; Mw-4.14; Mw-1.48; Mw-1.0; Mw-1.97; Mw-2.36; Fault plane solution: Ms8.49000x10^19 NP1:113.00000; 670.00000; 1.87.00000; NP2:302.00000; 620.00000; 1.99.00000; Principal axes: T 8.7190, Plg65.0000; Azm18.0000; N -0.4765, Plg3.0000; Azm114.0000; P -8.2425, Plg25.0000; Azm205.0000; NEIC 18 14:27:52.3, 18.00N:100.81W, h10km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mr5.62; Mw-3.93; Mw-1.29; Mw-6.1; Mw-2.23; Mw-1.01; Fault plane solution: Ms7.72000x10^19 NP1:105.77000; 669.00000; 1.80.10000; NP2:311.83000; 623.05000; 1.114.22000; Principal axes: T 7.8883, Plg65.0000; Azm359.0000; N -0.3388, Plg9.0000; Azm109.0000; P -7.5495, Plg23.0000; Azm203.0000;

Table with 10 columns: ISC 18 14:27:24.7+0.3, 17.32N:0.03, 100.99W, h0.02, h24km, 1km, h24km; PZ.2289, 11.80/2018, mb6.5/468, MS7.3/463, 241C-48D, Guerrero

Table with 10 columns: ZIIG, Zihuatajejo, 0.53 302 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn

Table with 10 columns: ZIIG, Zihuatajejo, 0.53 302 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn

Table with 10 columns: ZIIG, Zihuatajejo, 0.53 302 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn, CAIG, El Cayaco, 0.75 111 P Pn

SNET 18 14:27:05.2+2.9, 22.07N:100.35W, h15km, 999km, DNK 18 14:27:02.0+2.6, 17.21N:101.19W, h0km, 37km, mb6.6, Ms7.4, Hypocentre not reviewed by the ISC, IDC 18 14:27:21.0+0.5, 17.38N:100.82W, h0km, mb5.8/40, mb1 5.9/41, mb1mx3.9/41, mbtmp5.8/41, ML5.4/1, MS7.2/42, Ms1 7.2/42, ms1mx7.0/56, Error ellipse: s-maj=18.0km s-min=9.7km az=56.0, MEX 18 14:27:21.9-125.0, 17.01N:101.46W, h18km, 999km

18d 14h

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like TXAR, TXAR, TXAR, etc.

2014 APR

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like X43A, W41B, Y45A, etc.

1316

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like CBKS, PVMO, U15A, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like SNCC, STH, HOJ, EDW, SLM, W52A, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like Q48A, S51A, LCBC, W56A, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like TUMC, P50A, AHID, X60A, etc.

18d 14h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like RREC, N50A, POPC, etc.

2014 APR

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like CBN, I45A, M52A, etc.

1318

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like JCC, M55A, Q60A, etc.

1319

Table with columns: ID, Name, Comp, SNR, I, A, M, B, S, T, V, P, L, R, and values. Includes entries like H04A Detroit Lake, BRNJ Basking, AOPR Arcelob Observ, etc.

2014 APR

Table with columns: ID, Name, Comp, SNR, I, A, M, B, S, T, V, P, L, R, and values. Includes entries like STVI Saint Thomas, E52A Mattawa, ALGO Algonquin Park, etc.

18d 14h

Table with columns: ID, Name, Comp, SNR, I, A, M, B, S, T, V, P, L, R, and values. Includes entries like G61A St-Isidore-de, LLLB Lillooet, FFC Flin Flon, etc.

18d 14h

Table with columns: call sign, frequency, mode, power, and other technical details. Includes stations like LPAZ La Paz, TAOE Nuku Hiva Isla, and many others.

2014 APR

Table with columns: call sign, frequency, mode, power, and other technical details. Includes stations like HDA, PMOR Pomarioro Ree, RND Reindeer, and many others.

1320

Table with columns: call sign, frequency, mode, power, and other technical details. Includes stations like NUUG, UPNV Upenovik, AKUT Akutan, and many others.

SJMB	comp-Z,459nm,1.5s	68.84	119	eP	P	14 38 27.3	-0.3
SJMB	Sao Joao De Ma	68.84	119	eP	P	14 47 29.4	-1.1
RAR	Rarotonga	69.17	239	LR	LR	15 00 21.9	
RAR	comp-Z,110um,20.5s	69.17	239	IAMS_20	IAMS_20	15 00 01.9	
BSFB	Barra de Sao F	69.18	118	eP	P	14 38 29.5	-0.2
BSFB	comp-Z,124um,21.0s	69.18	118	eP	P	14 38 36.5	-1.0
BORG	Borgarnes	70.08	27	eP	P	14 47 33.7	-0.8
BORG	comp-Z,220nm,0.8s,baz=278,slow=2.2,SNR=20	70.08	27	LR	LR	15 11 03.6	
BORG	comp-Z,775um,19.1s,baz=296,slow=38	70.08	27	IAMS_20	IAMS_20	15 13 54.9	
SCO	Scoresbysund	70.14	21	iP	P	14 38 35.5	+0.8
SCO	comp-Z,127um,18.0s	70.14	21	iP	P	14 47 51.2	+7.0
SCO	Scoresbysund	70.14	21	iP	P	14 38 35.5	+0.8
SCO	comp-Z,218um,16.0s	70.14	21	iP	P	14 47 51.2	+7.0
SCO	comp-Z,220um,16.0s	70.14	21	MLR	MLR	15 14 09.4	
SCO	Scoresbysund	70.14	21	IAMS_20	IAMS_20	15 14 09.4	
SCO	comp-Z,220um,22.0s	70.14	21	iP	P	14 38 35.5	
SCO	Scoresbysund	70.14	21	iP	P	14 47 51.2	
SCO	comp-Z,218um,15.8s	70.14	21	IAMS_20	IAMS_20	15 14 20.1	
DAG	Danmarks Havn	71.50	14	iP	P	14 38 42.5	-0.4
DAG	comp-Z,673nm,1.2s	71.50	14	iP	P	14 48 04.5	+4.6
DAG	comp-Z,227um,17.0s	71.50	14	iP	P	14 38 42.5	-0.4
DAG	Danmarks Havn	71.50	14	iP	P	14 48 04.5	+4.6
DAG	comp-Z,670nm,1.2s	71.50	14	MLR	MLR	14 48 04.5	+4.6
DAG	comp-Z,230um,17.0s	71.50	14	IAMB	IAMB	14 38 42.5	
DAG	Danmarks Havn	71.50	14	iP	P	14 48 04.6	
DAG	comp-Z,674nm,1.2s	71.50	14	iP	P	14 48 04.6	
DAG	comp-Z,227um,17.2s	72.14	9	iP	P	14 38 46.9	+0.1
NOR	Nord	72.14	9	iP	P	14 38 46.9	+0.1
NOR	comp-Z,1um,1.5s	72.14	9	iP	P	14 38 46.9	+0.1
NOR	comp-Z,530um,17.0s	72.14	9	MLR	MLR	14 38 47.0	
NOR	Nord	72.14	9	iP	P	14 38 54.4	
NOR	comp-Z,1um,1.5s	72.14	9	IAMS_20	IAMS_20	15 13 34.2	
GO09	Cerro Castillo	72.76	162	iP	P	14 38 58.5	-0.1
GO09	comp-Z,178um,20.0s	72.76	162	IAMS_20	IAMS_20	15 03 45.1	
SMY	Shemya	73.35	321	IAMB	IAMB	14 39 28.8	
JMIC	comp-Z,604nm,1.5s	74.58	20	eP	P	14 39 05.6	+4.4
JMIC	Jan Mayen	74.58	20	eP	P	14 39 05.6	+4.4
JMIC	comp-Z,87nm,0.5s,baz=274,slow=5.4,SNR=3.3	74.58	20	LR	LR	15 12 57.2	
JMIC	Jan Mayen	74.58	20	eP	P	14 39 01.6	+0.4
JMIC	comp-Z,398um,20.3s,baz=284,slow=57	74.58	20	eS	S	14 48 32.8	-2.2
JMIC	Jan Mayen	74.58	20	eS	S	14 48 32.8	-2.2
GO10	Punta Arenas	74.80	162	IAMS_20	IAMS_20	15 04 56.9	
BILL	Bilibino	75.11	337c	iP	P	14 39 04.1	-0.2
BILL	comp-Z,765nm,1.3s	75.11	337	P	P	14 39 04.8	+0.5
BILL	Bilibino	75.11	337	P	P	14 39 11.6	
BILL	comp-Z,855nm,1.3s	75.11	337	IAMB	IAMB	14 39 11.6	
PMOZ	Porto Moniz, M	75.73	60	eP	P	14 39 12.7	+4.0
PMOZ	comp-Z,599nm,1.2s	75.73	60	eP	P	14 39 09.2	+0.5
PMOZ	Porto Moniz, M	75.73	60	eP	P	14 42 07.8	+9.2
PMOZ	comp-Z,509nm,1.2s	75.73	60	eP	P	14 48 52.8	+3.4
PMOZ	Porto Moniz, M	75.73	60	eLQ	LQ	15 02 13.4	
PMOZ	Porto Moniz, M	75.73	60	eLQ	LR	15 05 15.4	
PMAR	Madeira	75.98	60	eP	P	14 39 10.9	+0.6
PMAR	comp-Z,358nm,1.4s	75.98	60	eP	P	14 42 13.3	+1.3
FUL	Madeira	76.01	60	eP	P	14 39 12.6	+2.4
PMPST	Porto Santo, M	76.39	59	eP	P	14 39 13.1	+0.7
PMPST	comp-Z,240nm,1.5s	76.39	59	eP	P	14 39 13.1	+0.7
PMPST	Porto Santo	76.39	59	eP	P	14 39 14.5	+2.1
PMPST	comp-Z,597nm,1.4s	76.39	59	eP	P	14 42 13.6	+1.0
PMPST	Porto Santo	76.39	59	eP	P	15 04 44.0	
AFI	Afiamalo	76.43	251	IAMS_20	IAMS_20	15 05 15.5	
NIUE	Niue	76.78	245	iP	P	14 39 23.2	+0.6
NIUE	comp-Z,129um,19.0s	76.78	245	IAMS_20	IAMS_20	15 13 34.2	
IGLA	Ghengowia, Co	77.24	38	iP	P	14 39 15.3	-1.4
IGLA	comp-Z,111um,19.3s	77.24	38	IAMS_20	IAMS_20	15 13 34.2	
KBS	Kingsbay	77.39	11	iP	P	14 39 17.5	+0.3
KBS	comp-Z,29um,5.3s	77.39	11	IvM_BB	IvM_BB	14 39 32.8	
KBS	comp-Z,229um,5.3s	77.39	11	eP	P	14 42 16.9	+5.7
KBS	comp-Z,243um,16.0s	77.39	11	eP	P	14 49 23.0	-5.3
KBS	comp-Z,29um,5.3s	77.39	11	eS	S	14 54 05.9	+2.2
KBS	Kingsbay	77.39	11	iP	P	14 39 18.2	+1.1
KBS	comp-Z,626nm,1.6s	77.39	11	MLR	MLR	14 39 18.2	+1.1
KBS	comp-Z,243um,16.0s	77.39	11	MLR	MLR	14 39 18.6	+1.4
KBS	Kingsbay	77.39	11	iP	P	14 39 19.0	
KBS	comp-Z,936nm,1.2s	77.39	11	IAMB	IAMB	14 39 25.5	
KBS	comp-Z,936nm,1.2s	77.39	11	IAMS_20	IAMS_20	15 16 38.0	
LEWI	Lewis, Hebride	77.62	33	iP	P	14 39 18.9	+0.1
LEWI	comp-Z,98um,17.0s	77.62	33	IAMS_20	IAMS_20	15 19 17.2	
IDGL	Inch Island, C	77.95	36	iP	P	14 39 20.2	-0.5
IDGL	comp-Z,139um,20.6s	77.95	36	IAMS_20	IAMS_20	14 48 57.2	
IDGL	comp-Z,152um,20.0s	77.95	36	IAMS_20	IAMS_20	15 13 59.2	
EFI	East Falkland	78.23	154	IAMS_20	IAMS_20	15 08 19.6	
KPL	Plockton	78.44	33	iP	P	14 39 22.9	-0.4
KPL	comp-Z,131um,15.6s	78.44	33	IAMS_20	IAMS_20	15 20 11.3	
SPA0	Spitsbergen Ar	78.52	11	iP	P	14 39 24.1	+0.6
SPA0	comp-Z,24um,3.5s	78.52	11	IvM_BB	IvM_BB	14 39 38.2	
SPA0	Spitsbergen Ar	78.52	11	eS	S	14 49 32.5	-0.4
SPA0	comp-Z,1um,1.9s	78.52	11	IAMB	IAMB	14 39 55.7	
SPITS	Spitsbergen Ar	78.52	11	eP	P	14 39 23.7	+0.2
SPITS	comp-Z,67nm,0.9s,baz=45,slow=1.0,SNR=31	78.52	11	eP	P	14 39 24.2	+0.1
KAC	Achnashellach	78.59	33	eP	P	14 39 25.4	+0.4
CLGH	Cloghs, Cushen	78.73	36	iP	P	14 49 28.9	
CLGH	comp-Z,129um,19.5s	78.73	36	IAMS_20	IAMS_20	15 14 35.5	
LAWE	Loch Awe, Argy	78.84	34	eP	P	14 39 24.7	-0.8
LAWE	comp-Z,250um,56.1s	78.84	34	IAMS_20	IAMS_20	15 05 24.3	
HSPB	Hornsund (broa	78.95	12	eP	P	14 39 26.7	+0.9
HSPB	comp-Z,22um,1.0s	78.95	12	eP	P	14 39 38.9	+2.0
HSPB	comp-Z,22um,1.0s	78.95	12	eP	P	14 42 24.1	+0.2
HSPB	comp-Z,22um,1.0s	78.95	12	eS	S	14 49 39.4	-0.1
HSPB	comp-Z,24um,19.8s	78.95	12	eL	L	15 17 41.8	
HSPB	Hornsund (broa	78.95	12	iP	P	14 39 24.4	+0.6
HSPB	comp-Z,27um,5.7s	78.95	12	IvM_BB	IvM_BB	14 39 41.0	
HSPB	comp-Z,27um,5.7s	78.95	12	eP	P	14 42 24.6	+0.2
HSPB	comp-Z,27um,5.7s	78.95	12	eS	S	14 49 38.7	-0.8
HSPB	comp-Z,27um,5.7s	78.95	12	eS	S	14 54 29.1	+1.8
HSPB	comp-Z,79um,17.2s	78.95	12	IvM_BB	IvM_BB	15 19 58.1	

IWEX	Carrickbyrne,	79.01	39	eP	P	14 39 26.1	-0.5
IWEX	comp-Z,78um,16.4s	79.01	39	IAMS_20	IAMS_20	14 49 36.0	
IWEX	Dublin	79.03	38	IAMS_20	IAMS_20	15 27 17.8	
DSB	Upper Bighouse	79.05	32	eP	P	14 39 26.1	-0.5
BIGH	comp-Z,123um,21.0s	79.05	32	IAMS_20	IAMS_20	14 49 23.1	
BIGH	Upper Bighouse	79.05	32	eP	P	15 17 41.0	
EAB	Aberfoyle	79.43	34	eP	P	14 39 28.1	-0.7
PGBU	Glenfiterbraes	79.45	35	eP	P	14 39 28.2	-0.7
PGBU	comp-Z,218um,53.8s	79.45	35	IAMS_20	IAMS_20	15 05 40.7	
INVG	Invergeldeic, C	79.52	34	eP	P	14 39 29.4	+0.1
INVG	comp-Z,97um,16.1s	79.52	34	IAMS_20	IAMS_20	15 23 30.9	
GALI	Galloway	79.57	36	iP	P	14 39 29.3	-0.3
GALI	comp-Z,129um,19.2s	79.57	36	IAMS_20	IAMS_20	14 49 34.2	
GALI	Logie Almond	79.69	34	eP	P	14 39 30.4	+0.2
NEWC	New Galloway	79.77	35	eP	P	14 39 30.8	+0.1
NEWC	comp-Z,92um,18.6s	79.77	35	IAMS_20	IAMS_20	15 14 57.0	
WIM	Ile of Man	79.78	36	eP	P	14 39 30.5	-0.3
IOMK	Kirk Michael	79.81	36	eP	P	14 39 30.9	0.0
IOMK	comp-Z,247um,16.5s	79.81	36	IAMS_20	IAMS_20	15 21 42.5	
LRW	Lerwick	79.94	30	iP	P	14 39 31.8	+0.3
LRW	comp-Z,110um,18.7s	79.94	30	IAMS_20	IAMS_20	14 49 41.6	
LRW	Rhudee	80.04	34	eP	P	14 39 32.3	+0.2
YRC	Rhoscolyn	80.08	37	eP	P	14 39 31.4	-1.0
WPS	Cemaes, Angles	80.08	37	eP	P	14 39 32.1	-0.2
WPS	comp-Z,98um,20.8s	80.08	37	IAMS_20	IAMS_20	15 17 24.4	
EDI	Edinburgh	80.12	34	iP	P	14 39 33.2	+0.7
EDI	comp-Z,186um,46.8s	80.12	34	IAMS_20	IAMS_20	15 06 01.4	
WLF1	Lynfaes	80.17	37	iP	P	14 39 32.5	-0.3
WLF1	comp-Z,218um,20.3s	80.17	37	IAMS_20	IAMS_20	15 17 26.8	
WME	Myndd Eilian	80.19	37	eP	P	14 39 32.2	-0.8
DRUM	Mains of Drum	80.22	33	iP	P	14 39 32.7	+0.6
DRUM	comp-Z,122um,17.8s	80.22	33	IAMS_20	IAMS_20	15 20 54.3	
EBL	Broad Law	80.24	35	eP	P	14 39 32.9	-0.3
ESK	Esksdalemuir	80.28	35	eP	P	14 39 33.4	-0.1
ESK	comp-Z,352nm,1.2s	80.28	35	pmax	pmax	15 22 09.3	
ESK	Esksdalemuir	80.28	35	IAMS_20	IAMS_20	14 39 32.9	-0.7
ESK	comp-Z,53nm,0.7s,baz=293,slow=3.6,SNR=70	80.28	35	PKKPbc	PKKPbc	14 58 21.0	+3.5
EKA	comp-Z,0.8nm,0.7s,baz=88,slow=3,SNR=1.8	80.28	35	PKKPbc	PKKPbc	14 39 33.9	+0.1
RSBS	Rosebush, Pent	80.32	39	eP	P	14 39 33.9	+0.1
RSBS	comp-Z,62um,17.3s	80.32	39	IAMS_20	IAMS_20	15 16 17.6	
YLL	Llanberis	80.34	37	eP	P	14 39 33.5	-0.3
YLL	comp-Z,509nm,1.5s	80.34	37	IAMS_20	IAMS_20	14 39 34.3	0.0
KESW	Keswycum, Cumb	80.54	36	iP	P	14 39 35.2	+0.3
KESW	comp-Z,109um,19.8s	80.54	36	IAMS_20	IAMS_20	15 15 28.6	
PGAV	Gavieira, Arco	80.60	49	eP	P	14 39 35.9	+0.3
PGAV	comp-Z,509nm,1.5s	80.60	49	eP	P	14 42 46.7	+7.6
PGAV	Gavieira, Arco	80.60	49	eP	P	14 39 39.1	-2.4
PGAV	comp-Z,509nm,1.5s	80.60	49	eS	S	14 55 05.1	+1.1
PGAV	Gavieira, Arco	80.60	49	eS	SS	15 05 11.7	
PMAFR	Mafrá	80.62	52	eP	P	14 39 36.0	+0.4
LLW	Llanuwchllyn	80.71	38	iP	P	14 39 35.6	-0.2
LLW	comp-Z,60um,18.8s	80.71	38	IAMS_20	IAMS_20	15 16 44.8	
HTL	Hartland	80.74	40	iP	P	14 39 35.0	-1.0

18d 14h

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., IAMS_20, IAMS_20, 15 15 10.2).

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Table with columns for station code, name, frequency, and various signal quality metrics (e.g., IAMS_20, IAMS_20, 15 27 03.8).

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Table with columns for station code, name, frequency, and various signal quality metrics (e.g., IAMS_20, IAMS_20, 15 22 11.6).

VNA3	Neumayer Olymp	106.69	160	Pdiff	Pdiff	14 41 39.7	+2.7
ANI	Anoyia	106.73	44	P	PP	14 46 02.2	-1.1
VNA1	Neumayer-Stat	107.11	160	Pdiff	Pdiff	14 41 43.2	+4.4
NPS	Neapolis	107.22	43	P	PP	14 46 06.6	-0.2
QSPA	South Pole Qui	107.24	180	PKPbc	PKPbc	14 57 05.3	-2.5
comp-Z:1.4nm,1.0s,baz=225,slow=0.5,SNR=13							
QSPA	South Pole Qui	107.24	180	IAMS_20	IAMS_20	15 24 28.5	
comp-Z:56µm,18.0s							
RABL	Rabaul	107.31	374	eP	IAMS_20	15 32 45.5	
comp-Z:65µm,18.0s							
IRK	Irkutsk	107.33	241	eP	Pdiff	14 41 42.1	+1.7
comp-Z:75nm,2.2s							
VNA2	Neumayer-Watz	107.41	160	Pdiff	Pdiff	14 41 37.7	-2.5
ANN	Anapa	107.52	30	P	Pdiff	14 41 40.5	+0.9
ANN				i	i	14 46 05.5	
ANN				i	i	14 48 24.1	
ANN				i	i	14 52 15.7	
ANN				eSS	SS	14 53 03.0	
ANN				eSS	SSS	15 01 16.9	+0.6
ANN				eSS	SSS	15 05 16.6	
comp-Z:2.9nm,1.0s							
ZKR	Zakros	107.71	43	P	PP	14 46 10.6	+0.3
BZK	Bokourt	107.86	34	JP	PKKPab	14 57 21.7	+2.2
TLY	Talaya	108.00	344d	eP	PKPbc	14 41 43.6	+0.1
TLY				eP	PS	14 55 36.9	+1.4
TLY				eP	PS	14 55 36.9	+1.4
comp-Z:30nm,1.4s							
SNY	Shenyang	108.18	326	Pdiff	Pdiff	14 41 44.1	-0.3
SNY				P	P	14 46 13.9	+0.5
SNY				LR	LR		
comp-Z:7.9µm,15.2s							
SNY				LR	LR		
comp-Z:197µm,16.7s							
ARG	Archangelos	108.26	41	P	PP	14 46 17.2	+2.9
ILGA	Ilgaz	108.34	34	IAMS_20	IAMS_20	15 36 07.4	
comp-Z:7.5µm,21.0s							
VNDA	Vanda	108.34	193	Pdiff	Pdiff	14 41 47.4	+3.2
comp-Z:0.2nm,0.3s,baz=105,slow=1,SNR=1.0							
VNDA				PKPbc	PKIKP	14 45 48.2	-2.0
VNDA				PKPbc	PKKPbc	14 45 03.1	-0.7
comp-Z:1.3nm,1.0s,baz=122,slow=5.2,SNR=2.1							
ANTO	Ankara	108.65	36	IAMS_20	IAMS_20	15 41 34.1	
comp-Z:2.4nm,1.0s,baz=283,slow=7.8,SNR=3.7							
MOY	Mondy	108.67	346	eP	Pdiff	14 41 50.2	+3.6
KRSY	Korea Array	108.69	321	Pdiff	Pdiff	14 41 47.3	+0.6
comp-Z:1.0nm,0.8s,baz=53,slow=4.7,SNR=5.1							
KRSR				PKIKP	PKIKP	14 45 53.0	+1.0
comp-Z:2.8nm,0.6s,baz=358,slow=0.8,SNR=7.8							
KRSR				PP	PP	14 46 17.2	-0.1
comp-Z:9.8nm,1.1s,baz=33,slow=1.9,SNR=4.5							
KRSR				PKPbc	PKKPbc	14 56 60.0	-1.6
comp-Z:0.6nm,0.8s,baz=214,slow=4.1,SNR=1.7							
KRSR				PKPbc	PKKPab	14 45 17.8	-0.0
comp-Z:5.1nm,0.8s,baz=236,slow=4.7,SNR=8.8							
ZAAO	Zalesovo Array	108.85	356	IAMS_20	IAMS_20	15 35 32.2	
comp-Z:1.05µm,20.0s							
ZALV	Zalesovo Beam	108.85	356	Pdiff	Pdiff	14 41 47.0	-0.2
ZALV				PKIKP	PKIKP	14 45 53.0	+1.2
comp-Z:0.4nm,0.3s,baz=343,slow=4.5,SNR=2.9							
ZALV				PP	PP	14 46 15.3	-2.3
comp-Z:9.9nm,0.8s,baz=350,slow=7.5,SNR=5.5							
ZALV				PKPbc	PKKPdf	14 45 22.6	+7.1
comp-Z:3.0nm,0.8s,baz=194,slow=4.1,SNR=4.3							
SNA5	Sanae	108.88	161	Pdiff	Pdiff	14 41 48.1	+1.3
SNA5				PKPbc	PKKPbc	14 56 58.9	-3.2
comp-Z:9.4nm,1.1s,baz=154,slow=4.4,SNR=7.0							
SNA5				IAMS_20	IAMS_20	15 22 12.8	
comp-Z:2.5µm,22.0s							
BRTR	Reskin Array B	109.22	36	Pdiff	Pdiff	14 41 49.5	+0.1
BRTR				PKIKP	PKIKP	14 45 52.8	-0.4
comp-Z:7.2nm,0.9s,baz=332,slow=1.5,SNR=2.6							
BRTR				PP	PP	14 46 21.7	+0.4
comp-Z:1.5nm,1.1s,baz=289,slow=3.8,SNR=7.6							
BRTR				PKPbc	PKKPbc	14 56 59.6	-0.6
comp-Z:5.4nm,1.0s,baz=170,slow=4.7,SNR=6.9							
ZAK	Zakamensk	109.28	344	eP	Pdiff	14 41 51.4	+2.1
ZAK				eP	PMAX		
comp-Z:6.0nm,1.9s							
INCN	Inchon	109.44	321	IAMS_20	IAMS_20	15 40 41.7	
comp-Z:11.4µm,18.0s							
BRVK	Borovoye	109.51	6c	P	Pdiff	14 41 49.0	-1.1
BRVK				MLR	MLR		
comp-Z:5.6µm,25.0s							
SOC	Sochi	109.51	29	eP	Pdiff	14 41 48.1	-2.2
comp-Z:1.0nm,0.5s							
JNU	Nakatsue	109.51	316	PP	PP	14 46 21.4	-2.2
comp-Z:1.3nm,1.1s,baz=53,slow=20,SNR=1.0							
JNU				IAMS_20	IAMS_20	15 41 17.8	
comp-Z:4.9µm,20.0s							
BVAR	Borovoye Array	109.55	6	PKKPbc	PKKPbc	14 56 59.5	+0.1
comp-Z:2.4nm,0.8s,baz=191,slow=4.4,SNR=2.4							
BVAR				PKPbc	PKKPab	14 57 13.1	+0.8
comp-Z:1.6nm,0.7s,baz=132,slow=4.2,SNR=3.6							
MCQ	Macquarie Isla	109.73	218	IAMS_20	IAMS_20	15 21 43.9	
comp-Z:6.9µm,20.0s							
GOF	Gofitskoye	109.83	261	eP	Pdiff	14 42 04.2	+1.2
AKTO	Aktymbinsk	110.05	14	Pdiff	Pdiff	14 41 54.9	+2.3
comp-Z:0.5nm,0.3s,baz=297,slow=4.4,SNR=6.3							
AKTO				PKPbc	PKKPbc	14 56 57.1	-0.6
comp-Z:1.4nm,0.6s,baz=207,slow=2.3,SNR=2.4							
ULN	Ulanbaatar	110.02	340c	P	Pdiff	14 41 55.4	+0.9
comp-Z:1.50µm,21.0s							
ULN				MLR	MLR		
KIV	Kislovodsk	110.56	27	eP	Pdiff	14 41 53.9	-1.2
KIV				i	i	14 45 54.7	
KIV				i	i	14 46 37.9	-8.0
KIV				e	e	14 52 30.2	
KIV				eP	PS	14 56 00.6	-0.9
KIV				eSS	SS	15 01 59.0	+1.6
KIV				eP	PMAX		
comp-Z:4.2nm,1.0s							
KIV	Kislovodsk	110.56	27	IAMS_20	IAMS_20	15 39 04.5	
comp-Z:6.6µm,20.0s							
SONM	Songino Array	110.66	341	Pdiff	Pdiff	14 41 57.4	+1.9
comp-Z:0.8nm,0.6s,baz=335,slow=6.4,SNR=1.2							
SONM				PKIKP	PKIKP	14 45 57.4	+1.8
comp-Z:4.3nm,0.8s,baz=30,slow=0.8,SNR=5.5							
SONM				PP	PP	14 46 29.6	-1.5
comp-Z:4.5nm,1.0s,baz=5.8,slow=3.6,SNR=4.4							
SONM				PKPbc	PKKPbc	14 56 53.8	-2.2
comp-Z:1.7nm,0.8s,baz=208,slow=4.1,SNR=4.5							
KBZ	Khabaz	110.83	27	Pdiff	Pdiff	14 41 56.8	+0.6
comp-Z:2.8nm,0.9s,baz=315,slow=5.7,SNR=2.2							
KBZ				PP	PP	14 46 28.6	-3.8
comp-Z:1.1nm,0.9s,baz=303,slow=1.9,SNR=5.3							
KBZ				PKPbc	PKKPbc	14 56 55.6	+0.7
comp-Z:6.7nm,1.0s,baz=314,slow=3.1,SNR=5.3							
ZEI	Tsey	112.02	27	i	PKIKP	14 45 53.0	-5.5
ZEI				PKIKP	PKIKP		
comp-Z:1.1nm,1.1s							
KURK	Kurchatov	112.26	0	PKIKP	PKIKP	14 45 53.8	-4.8
KURK				IAMS_20	IAMS_20	15 39 18.4	
comp-Z:1.19µm,21.0s							
KURB	Kurchatov Arra	112.35	0	PKKPbc	PKKPbc	14 56 48.6	-1.6
comp-Z:5.5nm,1.2s,baz=195,slow=3.0,SNR=2.0							
GROC	Groznyy	112.49	26	i	PKIKP	14 45 57.2	-1.8
GROC				e	e	14 46 45.6	
GROC				e	e	14 52 03.3	
comp-Z:2.8nm,0.5s							
SEM	Semipalatinsk	112.56	359	eP	PP	14 46 33.0	-1.2
SEM				eP	PS	14 56 17.2	-2.6
SEM				eSS	SS	15 03 20.2	+5.7
SEM				LR	LR	15 35 12.8	
BRZS	Berezniiki	112.76	4	eP	PP	14 46 37.9	-8.0
BRZS				eP	PS	14 56 29.6	+8.4
BRZS				eP	PS	15 27 23.1	
comp-Z:3.8µm,16.5s							
DGZ	Jazzator, Alta	112.86	354c	P	Pdiff	14 42 05.5	+0.2
DGZ				MLR	MLR		
comp-Z:2.11µm,22.0s							
AKH	Akhalkalaki	112.95	28	IAMS_20	IAMS_20	15 44 20.7	
comp-Z:7.6µm,20.0s							
GAZ	Gaziantep	113.00	35	IAMS_20	IAMS_20	15 38 55.0	
comp-Z:5.6µm,20.0s							
EIDS	Eidsvold	113.08	249	IAMS_20	IAMS_20	15 24 04.0	
comp-Z:9.5µm,21.0s							
BJI	Beijing	113.25	330	Pdiff	Pdiff	14 42 08.3	+1.3

BJI				PP	PP	14 46 51.0	+1.1
BJI				SKS	SKSdf	14 53 03.8	-3.0
BJI				SS	SS	15 02 33.5	+0.3
comp-Z:16µm,10.6s							
BJI				LR	LR		
comp-Z:84µm,18.6s							
comp-Z:7.4µm,19.1s							
BJT	Bajitau	113.27	330	IAMS_20	IAMS_20	15 41 30.5	
comp-Z:117µm,19.0s							
ARMA	Armidale	113.30	244	IAMS_20	IAMS_20	15 30 32.6	
comp-Z:4.4µm,18.0s							
MAK	Makhachkala	113.39	25	eP	Pdiff	14 42 03.3	-4.2
MAK				i	i	14 45 37.9	
MAK				i	i	14 46 49.3	
MAK				eP	SS	14 56 19.5	-4.2
MAK				eSS	SS	15 02 37.3	+2.7
comp-Z:149nm,1.9s							
MAK				PMAX	PMAX		
comp-Z:2µm,8.0s							
PMG	Port Moresby	113.50	267	IAMS_20	IAMS_20	15 23 56.8	
comp-Z:6.9µm,21.0s							
HHC	Hu-ho-hao-te	114.70	333	eP	PKPbc	14 46 05.6	+2.1
HHC				SPKP	SPKP	14 46 21.1	
HHC				SS	SS	14 47 03.0	+2.8
HHC				SS	SS	15 02 55.0	+2.6
comp-Z:11µm,12.4s							
HHC				LR	LR		
comp-Z:32µm,21.6s							
HHC				LR	LR		
comp-Z:55µm,16.5s							
HHC				LR	LR		
comp-Z:7.2µm,21.4s							
MMW	Mount Meron Ar	114.88	40	PKPbc	PKKPbc	14 56 41.8	+0.6
comp-Z:7.2nm,1.0s,baz=153,slow=4.5,SNR=5.1							
JJAI	Kunigami	115.09	312	IAMS_20	IAMS_20	15 37 26.4	
comp-Z:4.7µm,19.0s							
ZSN	Zaisan	115.31	356	eP	PP	14 47 00.5	-3.5
ZSN				eP	PS	14 56 44.8	+0.1
ZSN				eP	PS	15 37 22.7	
comp-Z:2.7µm,18.4s							
TIA	Tai'an	115.70	326	Pdiff	Pdiff	14 42 15.6	-2.4
TIA				SS	SS	15 03 11.4	+5.6
comp-Z:62µm,13.9s							
TIA				LR	LR		
comp-Z:182µm,21.1s							
MAKZ	Makanchi	116.12	358	PKIKP	PKIKP	14 46 00.4	-5.6
MK31	Makanchi Array	116.12	357	PKIKP	PKIKP	14 46 04.0	-2.0
MK31				PKIKP	PKIKP	14 46 05.4	-0.6
MKAR	Makanchi Array	116.12	357	PKP	PKIKP	14 46 04.5	-1.5
comp-Z:1.1nm,0.7s,baz=329,slow=1.7,SNR=17							
MKAR				PP	PP	14 47 10.0	+0.4
comp-Z:17nm,1.0s,baz=0.0,slow=6.4,SNR=4.0							
MKAR				PKPbc	PKKPbc	14 56 34.6	-2.7
comp-Z:3.8nm,0.9s,baz=335,slow=1.2,SNR=2.2							
ASF	Jabal al Asfar	116.37	39	PKPbc	PKKPbc	14 56 35.9	-0.1
comp-Z:2.0nm,0.8s,baz=160,slow=5.3,SNR=5.2							
CTA	Charters Tower	116.63	256	PKPbc	PKKPbc	14 56 33.4	-1.2
comp-Z:3.8nm,0.9s,baz=302,slow=1.2,SNR=2.2							
CTA	Charters Tower	116.63	256	IAMS_20	IAMS_20	15 29 26.6	
comp-Z:7.9µm,18.0s							
EIL	Eilat	116.86	43	PP	PP	14 47 14.9	-0.8
comp-Z:8.8nm,0.9s,baz=161,slow=4.4,SNR=1.9							
TIV	Taiyuan	116.87	331	ePdiff	Pdiff	14 42 24.8	+1.5
TIV				ePdiff	PKIKP	14 46 10.0	+2.3
TIV				AMB	AMB		
comp-Z:12µm,9.7s							
TIV				LR	LR		
comp-Z:224µm,20.5s							
SSE	Sheshan	117.07	320	PKPbc	PKPbc	14 46 07.4	-0.8
SSE				SS	SS	15 03 23.8	-0.2
SSE				AMB	AMB		
comp-Z:4µm,11.8s							
SSE							

18d 15h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ABKAR, VNA, VNA, VNA, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like M49A, J57A, J57A, etc.

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

MEX 18 15:21:43.2,0.4, 17.17N:101.14W, h11km,9km, MD4.5
NEIC 18 15:24:42.2,5, 17.28N:100.09:101.07W:0.09, h35km,2km,
mb4.5/21, Error ellipse: s-maj=18.2km s-min=11.0km
az=23.0

IDC 18 15:20:40.3,4, 17.74N:100.56W, h67km,28km, mb3.7/12,
mb1.3/9/16, mb1mx3.7/49, mbtmp3.4/16, ML3.5/4, Error
ellipse: s-maj=34.9km s-min=15.6km az=45.0
ISC 18 15:21:41.6,1.2, 17.24N:106.01:110W:0.04, h14km,7km,
n60, c250/65, mb4.2/18, Near coast of Guerrero

IDC 18 15:23:47.8,1.0, 5.743N:33.01W, h0km, mb3.7/9,
mb1.3/9/11, mb1mx3.6/53, mbtmp3.8/11, ML2.3/1, Error
ellipse: s-maj=30.9km s-min=17.3km az=19.0
NEIC 18 15:23:49.2,3.0, 5.759N:1.10x:32.8W:0.1, h10km,2km,
mb4.1/5, Error ellipse: s-maj=17.8km s-min=8.7km
az=15.0

ISC 18 15:23:50.0,0.8, 5.768N:1.32:81W:0.09, h15km, n20,
c157/17, mb3.8/10, Reykjanes Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like FRB Frobisier Bay, SCHO Schefferville, SCHO Schefferville, etc.

18d 15h

Main table for 18d 15h section with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IDC 18:15:24:08.0, NEIC 18:15:24:09.8, BUJ 18:15:24:14.5, etc.

Table for 2014 APR section with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TAPN Tapejung, ODAN Odare, MLY Manley, etc.

18d 15h

Main table for 18d 15h section (continued) with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ABKAR Akbulak array, etc.

Main table for 18d 15h section (continued) with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IDC 18:15:37:48.5, MEX 18:15:37:50.9, etc.

18D 16h

ASAR Alice Springs 76.88 131 P P 16 00 52.0 -0.5
YKA Yellowknife Ar 82.57 7 P P 16 01 23.0 +0.3

IDC 18 15:50:03.8z.7.0, 16.616N, 100.311W, h0km, mb3.7/5,
mb1 3.9/6, mb1mx3.6/4.3, mbtmp3.5/6, ML2.9/1, Error
ellipse: s-maj=120.4km s-min=90.8km az=165.0

MEX 18 15:50:19.4z.8.0, 17.47N, 101.45W, h18km, 999km, MD3.9
ISC 18 15:50:16.8z.1.1, 17.48N, 100.07, 101.48W, 0.05, h30km, 6km,
n18, c1583/24, mb3.6/5.1D, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include ZIIG, UJON, CAIG, MEIG, etc.

AEIC 18 15:51:50.8z.2.4, 51.0N, 0.1z, 179.32E, 0.08, h56km, 6km,
ML3.8/10, mb4.0/15(NC), Error ellipse: s-maj=18.8km
s-min=7.5km az=178.0

IDC 18 15:51:56.9z.4.5, 51.45N, 179.44E, h74km, 39km, mb3.7/19,
mb1 3.8/22, mb1mx3.6/6.8, mbtmp4.0/22, ML2.8/2, Error
ellipse: s-maj=33.3km s-min=12.8km az=178.0

NEIC 18 15:51:56.2z.5.1, 51.4N, 0.2z, 179.44E, 0.08, h78km, 9km,
Error ellipse: s-maj=23.8km s-min=7.6km az=180.0

ISC 18 15:51:53.3z.1.0, 51.2N, 0.2z, 179.42E, 0.05, h52km, 2.8,
c1540/50, mb4.0/22, Near Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include ADK, ATKA, KOKL, etc.

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ellipse: s-maj=28.9km s-min=20.7km az=34.0
NEIC 18 15:54:56.9z.3.0, 17.4N, 0.1z, 101.15W, 0.08, h35km, 2km,
mb4.7/15, Error ellipse: s-maj=21.4km s-min=6.7km
az=215.0

MEX 18 15:54:57.1z.5.7, 17.50N, 101.18W, h14km, MD4.7,
ISC 18 15:54:54.8z.1.5, 17.31N, 0.06, 101.22W, 0.04, h17km, 9km,
n58, c1569/71, mb4.5/16, 1C-3D, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include ZIIG, CAIG, MEIG, etc.

IDC 18 15:56:07.8z.6.9, 20.29S, 177.34E, h0km, mb3.6/3,
mb1 3.9/3, mb1mx3.6/3.2, mbtmp3.6/3, Error ellipse:
s-maj=297.2km s-min=41.2km az=147.0, South of Fiji
Islands

IDC 18 15:56:39.4z.1.9, 11.50S, 162.96E, h0km, mb4.1/9,
mb1 4.2/10, mb1mx4.0/3.2, mbtmp4.1/10, ML4.2/1, Error
ellipse: s-maj=45.4km s-min=26.7km az=121.0

NEIC 18 15:56:45.4z.1.7, 11.5S, 0.1z, 162.9E, 0.2, h35km, 13km,
mb4.4/4, Error ellipse: s-maj=22.7km s-min=19.7km
az=86.0

ISC 18 15:56:44.3z.1.3, 11.6S, 0.2z, 162.8E, 0.2, h35km, n14,
c1585/15, mb4.2/10, Bougainville-Solomon Islands

1332

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include HNR, COEN, WRAB, etc.

IDC 18 16:27:52.9z.3.2, 7.26S, 129.73E, h0km, mb3.4/1,
mb1 3.3/3, mb1mx3.2/3, mbtmp3.2/3, ML3.2/2, Error
ellipse: s-maj=146.1km s-min=33.2km az=68.0, Banda
Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include WRA, ASAR, MKAR, etc.

IDC 18 16:40:18.3z.0.9, 25.91S, 179.67E, h484km, 10km,
mb3.9/17, mb1 4.0/19, mb1mx3.8/3.3, mbtmp4.8/19, Error
ellipse: s-maj=13.9km s-min=10.3km az=31.0

NEIC 18 16:40:18.2z.1.6, 25.9S, 0.1z, 179.72E, 0.10, h489km, 9km,
mb4.7/16, Error ellipse: s-maj=16.6km s-min=12.0km
az=163.0

ISC 18 16:40:18.4z.0.5, 25.96S, 0.06z, 179.84E, 0.08, h500km, n68,
c1534/77, mb4.7/25, 3C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, h m s ISC. Rows include RIZ, RAO, GLKZ, etc.

IDC 18 15:54:50.8z.1.2, 16.96N, 101.55W, h0km, mb4.3/11,
mb1 4.4/15, mb1mx4.2/4.4, mbtmp4.2/15, ML3.6/4, Error

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TASMANIA UNIV, QUARTZ RANGE, BLACK STUMP FM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like RABBIT CREEK A, TIKI, RED DOG MINE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like THE 18 17:55:27.9, 38.40N-20.45E, etc.

18d 18h

Table with columns for station name, time, and other parameters. Includes stations like Echery, Welschbruch, Champe du Feu, etc.

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Table with columns for station name, time, and other parameters. Includes stations like Givet, Lienz, Dou, Plons, etc.

1336

Table with columns for station name, time, and other parameters. Includes stations like Pioggiola, Saint Gilles, Quistin, etc.

1339

D41A D41A	Chassel	41.63	81	P	I Amb	I Amb	18 52 05.8 +0.3
D41A D41A	comp=Z,97nm,1.1s			PP	I AMs_20	I AMs_20	18 53 42.0 +0.4 19 07 43.8
RRX	Edison Barstow baz=336	41.69	118	P	P	P	18 52 09.1 +3.0
OGNE	Ogallala	41.70	98	P	P	P	18 52 07.9 +1.7
OGNE	Ogallala	41.70	98	P	I Amb	I Amb	18 52 06.6 +0.3
OGNE	comp=Z,260nm,1.8s			PP	I AMs_20	I AMs_20	18 52 14.3
OGNE	Green Verdugo baz=337	41.81	120	P	PP	PP	18 53 42.1 +0.3 18 52 10.1 +3.0
U15A MWC MWC	North Rim Mount Wilson	41.91 41.93	112 120	P P	P P	P P	18 52 10.0 +1.8 18 52 09.2 +0.9
MWC	comp=Z,169nm,1.4s				MLR	MLR	
MWC MWC	comp=Z,2um,18.0s Mount Wilson	41.93	120	P	I Amb	I Amb	18 52 09.2 +0.9 18 52 17.4
MWC	comp=Z,169nm,1.4s				I AMs_20	I AMs_20	19 11 36.4
PASC PASC	comp=Z,2um,18.0s Pasadena Art C	41.94	120	P	I Amb	I Amb	18 52 09.0 +0.9 18 52 17.0
HEC	Hector,Ludlow baz=336	41.95	118	P	P	P	18 52 11.3 +2.9
BFSC	Mount Baldy Ra baz=336	42.05	120	P	P	P	18 52 12.1 +2.9
COWI COWI	Conover	42.22	82	P	I AMs_20	I AMs_20	18 52 11.0 +0.6 19 11 06.4
GMRC	Granite Mounta baz=336	42.22	117	P	P	P	18 52 13.5 +2.9
BBRC	Big Bear Solar baz=336	42.27	119	P	P	P	18 52 13.8 +2.7
FMP	Fort Macarthur baz=337	42.32	121	P	P	P	18 52 13.1 +1.9
SNCC	San Nicolas Is	42.34	122	P	P	P	18 52 13.9 +2.4
SNCC	San Nicolas Is	42.34	122	P	I Amb	I Amb	18 52 10.8 -0.6 18 52 15.6
I37A I37A	comp=Z,123nm,1.2s Lemond, Wesa	42.36	88	P	I AMs_20	I AMs_20	18 52 12.6 +1.1 19 10 34.2
G40A W13A CIS	comp=Z,2um,18.0s Rib Lake Hualapai Mount Catalina Islan	42.52 42.55 42.56	84 111 121	P P P	P P P	P P P	18 52 12.3 -0.4 18 52 11.7 -1.7 18 52 15.7 +2.4
MVCO	Mesa Verde baz=337	42.57	108	P	P	P	18 52 15.2 +1.6
MVCO MVCO	Mesa Verde	42.57	108	P	I AMs_20	I AMs_20	18 52 12.3 -1.2 19 09 43.3
NEE2	comp=Z,2um,19.0s Needles Airpor baz=335	42.59	116	P	P	P	18 52 15.9 +2.4
MSHR S22A	Mys Shultsa 4UR Ranch, Cre baz=332,SNR=36	42.65 42.71	269 106	eP P	P P	P P	18 52 15.1 +1.3 18 52 17.3 +2.6
BGNE BGNE	Belgrade	42.77	94	P	I Amb	I Amb	18 52 15.6 +0.7 18 52 21.6
MURC	Murrieta baz=337	42.79	119	P	P	P	18 52 17.0 +1.9
E43A BELC	Lone Tree Farm Belle Mt. Jos baz=336	42.80 42.82	80 118	P P	P P	P P	18 52 14.8 -0.2 18 52 17.7 +2.2
IVI	Ivigtut	42.87	40	P	P	P	18 52 16.1 +0.8
F42A SCHQ	Maple Grove Fa Schefferville	42.89 42.90	82 58	P P	P P	P P	18 52 16.4 +0.7 18 52 16.4 +0.7
SCHQ SCHQ	comp=Z,66nm,0.9s,baz=340,slow=8.2,SNR=16 Schefferville	42.90	58	P	I Amb	I Amb	18 52 16.2 +0.5 18 52 22.9
SC12	comp=Z,99nm,1.0s San Clemente I baz=337	42.91	121	P	P	P	18 52 18.7 +2.7
ARCES	ARCCESS Array B comp=Z,50nm,1.2s,baz=18,slow=9.6,SNR=12	42.94	356	P	P	P	18 52 15.9 -0.1
ARCES	comp=Z,6.5nm,0.7s,baz=348,slow=3.4,SNR=9.7			P	P	P	18 54 07.3 +1.3
AREO	ARCCESS Array S Iron Mountain baz=336	42.94 42.97	356 117	P P	P P	P P	18 52 15.0 -1.0 18 52 19.1 +2.5
L34A L34A	Svendsen Farm, Grand Marais A baz=327,SNR=5.2	42.97	92	P	I AMs_20	I AMs_20	18 52 16.9 +0.4 19 11 05.5
E44A E44A	Grand Marais A baz=327,SNR=5.2	43.00	79	P	P	P	18 52 17.9 +1.3
E44A E44A	Grand Marais A baz=327,SNR=5.2	43.00	79	P	I Amb	I Amb	18 52 17.0 +0.4 18 52 23.7
PFO	comp=Z,102nm,0.9s Pinyon Flats O	43.02	119	P	P	P	18 52 19.0 +2.0
PFO	comp=Z,15nm,0.9s,baz=334,slow=7.8,SNR=16			P	P	P	18 52 18.0 +0.9
PFO	Pinyon Flats O	43.02	119	P	pmx	pmx	
PFO	comp=Z,52nm,1.1s				MLR	MLR	
PFO	comp=Z,1um,20.0s Pinyon Flats O	43.02	119	P	P	P	18 52 18.7 +1.6
PFO	Pinyon Flats O baz=336	43.02	119	P	P	P	18 52 18.0 +0.9
XPFO WUAZ	Pion Flat Wupatki	43.02 43.05	119 112	P P	P P	P P	18 52 17.3 +0.2 18 52 19.9 +2.5
WUAZ WUAZ	Wupatki	43.05	112	P	I Amb	I Amb	18 52 17.4 0.0 18 52 26.2
KSCO	comp=Z,106nm,1.0s Kaye Shedlock baz=331	43.16	100	P	P	P	18 52 20.2 +2.0
KSCO	Kaye Shedlock baz=331	43.16	100	P	I Amb	I Amb	18 52 18.1 0.0 18 52 26.6
KSCO	comp=Z,205nm,1.4s				I AMs_20	I AMs_20	19 09 24.8
PDMCI	Parker Dam,Lak baz=336	43.18	116	P	P	P	18 52 20.5 +2.3
SDCO	Great Sand Dun baz=332	43.20	104	P	P	P	18 52 20.6 +1.9
SDCO	Great Sand Dun Big Chuckawall baz=336	43.20 43.32	104 117	P P	P P	P P	18 52 18.2 -0.5 18 52 21.5 +2.0
MATO	Matagami baz=337	43.42	70	P	P	P	18 52 20.0 +0.9
109C	Camp Elliot, M baz=337	43.47	120	P	P	P	18 52 22.8 +2.3
109C	Camp Elliot, M	43.47	120	P	I Amb	I Amb	18 52 22.5 +2.0 18 52 29.4
D46A	comp=Z,86nm,1.1s Sault St. Mari baz=327,SNR=17	43.48	77	P	P	P	18 52 21.1 +0.6
I40A Y12C	Norwalk Blythe baz=336,SNR=9.0	43.52 43.55	85 116	P P	P P	P P	18 52 20.9 0.0 18 52 23.9 +2.4
Y12C Y12C	Blythe	43.55	116	P	I Amb	I Amb	18 52 22.1 +0.9 18 52 30.1
NRS	comp=Z,66nm,1.0s Narsarsuaq	43.58	39	i P	P	P	18 52 22.0 +0.9
NRS	comp=Z,100nm,1.1s Narsarsuaq	43.58	39	i P	pmx	pmx	18 52 22.0 +0.9
NRS	Narsarsuaq	43.58	39	P	P	P	18 52 22.1 +1.0
NRS	comp=Z,100nm,1.1s Narsarsuaq	43.58	39	P	I Amb	I Amb	18 52 22.7 9
N33A D47A	comp=Z,88nm,1.0s J Bar K, Exete Chapleau baz=327,SNR=33	43.62 43.69	94 77	P P	P P	P P	18 52 22.0 +0.2 18 52 22.6 +0.4
MONP2	Monument Peak baz=337	43.69	119	P	P	P	18 52 24.9 +2.3
K38A K38A	Parkersburg	43.77	88	P	I AMs_20	I AMs_20	18 52 22.8 0.0 19 11 27.4
CN2 CN2	Changchun	43.78	275	eP	pmx	pmx	18 52 23.6 +0.6
BAR	Barrett	43.80	119	P	P	P	18 52 23.4 +0.2
BAR	comp=Z,66nm,1.1s Sault Ste Mari	43.82	78	P	P	P	18 52 22.6 -0.6 18 52 25.8 +2.2
E46A SWSC	Sault Ste Mari Sam W. Stewart	43.85	118	P	P	P	18 52 22.6 -0.6 18 52 25.8 +2.2

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Y14A F45A	Wickenburg CMU Biological baz=328	43.90 43.94	115 80	P P	P P	P P	18 52 23.9 -0.3 18 52 24.5 +0.3
W18A	Petrified Fore baz=334,SNR=26	43.99	110	P	P	P	18 52 27.3 +2.3
W18A W18A	Petrified Fore	43.99	110	P	I Amb	I Amb	18 52 24.7 -0.3 18 52 34.0
IKP	comp=Z,140nm,1.3s In-Ko-Pah, Jac baz=337	44.02	119	P	P	P	18 52 27.4 +2.4
X16A D48A	Lo Mia Camp, P Laudhash Townsh baz=327,SNR=20	44.02 44.07	113 75	P P	P P	P P	18 52 25.1 -0.1 18 52 26.0 +0.8
GLA GLA	Glamis	44.08	117	P	pmx	pmx	18 52 25.3 -0.3
GLA	comp=Z,48nm,1.0s				MLR	MLR	
GLA	comp=Z,2um,18.0s Glamis	44.08	117	P	P	P	18 52 28.0 +2.5
GLA GLA	Glamis	44.08	117	P	I Amb	I Amb	18 52 25.3 -0.3 18 52 34.3
GLA	comp=Z,48nm,0.9s				I AMs_20	I AMs_20	19 13 06.4
H43A H43A	comp=Z,2um,18.0s Windswept, Lux	44.12	83	P	I Amb	I Amb	18 52 24.6 -1.1 18 52 32.5
H43A	comp=Z,50nm,0.9s				I AMs_20	I AMs_20	19 12 16.5
E47A	comp=Z,3um,18.0s Iron Bridge baz=328,SNR=23	44.13	77	P	P	P	18 52 25.7 0.0
T25A	Trinidad	44.14	103	P	P	P	18 52 27.3 +1.1
I42A LVZ LVZ	comp=Z,3um,18.0s Draeger Farm, Lovozero	44.17 44.18	84 351	eP eP	P pmx	P pmx	18 52 25.3 -0.8 18 52 27.5 +1.6
LVZ LVZ	comp=Z,69nm,1.0s Lovozero	44.18	351	P	I Amb	I Amb	18 52 26.1 +0.1 18 52 32.9
N35A N35A	comp=Z,67nm,1.0s Tabor	44.20	92	P	I AMs_20	I AMs_20	18 52 25.4 -0.9 19 09 16.1
IRK IRK	comp=Z,3um,19.0s Irkutsk	44.36	299	eP	pmx	pmx	18 52 30.4 +2.9
CBKS CBKS	comp=Z,72nm,1.3s Cedar Bluff	44.42	98	P	pmx	pmx	18 52 27.5 -0.7
CBKS	comp=Z,200nm,1.7s				MLR	MLR	
CBKS CBKS	Cedar Bluff	44.42	98	P	P	P	18 52 29.0 +0.8
CBKS CBKS	Cedar Bluff	44.42	98	P	I AMs_20	I AMs_20	18 52 27.4 -0.7 19 12 30.1
G45A G45A	comp=Z,4um,19.0s Suttons Bay baz=328,SNR=6.2	44.43	80	P	P	P	18 52 28.7 +0.5
G45A G45A	Suttons Bay	44.43	80	P	I Amb	I Amb	18 52 27.2 -0.9 18 52 34.6
X18A X18A	comp=Z,52nm,0.8s Snowflake	44.45	111	P	I Amb	I Amb	18 52 27.2 -1.4 18 52 37.6
X18A	comp=Z,88nm,1.1s				I AMs_20	I AMs_20	19 11 08.0
JFWS JFWS	comp=Z,2um,19.0s Jewell Farm	44.50	86	P	pmx	pmx	18 52 27.8 -0.9
JFWS	comp=Z,53nm,0.9s				MLR	MLR	
JFWS JFWS	comp=Z,2um,18.0s Jewell Farm	44.50	86	P	P	P	18 52 29.4 +0.6
JFWS JFWS	Jewell Farm	44.50	86	P	I Amb	I Amb	18 52 27.8 -0.9 18 52 35.2
JFWS JFWS	comp=Z,53nm,0.8s Jewell Farm	44.50	86	I AMs_20	I AMs_20	I AMs_20	19 12 19.8
E46A	comp=Z,2um,18.0s Lockeyer baz=328,SNR=22	44.52	76	P	P	P	18 52 30.4 +1.5
APA APA	comp=Z,21nm,0.9s Apatity	44.58	351	i P	pmx	pmx	18 52 31.0 +2.0
APA	comp=Z,2um,17.0s				MLR	MLR	
113A 113A	Mohawk Valley, 113A	44.70	116	P	I Amb	I Amb	18 52 30.4 -0.1 18 52 39.2
D50A	comp=Z,55nm,1.1s G1974 Best Tow baz=328,SNR=26	44.80	74	P	P	P	18 52 31.6 +0.6
L40A L40A	Anamosa	44.86	87	P	I AMs_20	I AMs_20	18 52 31.7 +0.1 19 11 55.3
VLDQ VLDQ	comp=Z,2um,19.0s Val d'Or	44.87	71	P	I Amb	I Amb	18 52 29.5 -2.1 18 52 37.1
VLDQ	comp=Z,47nm,0.9s				I AMs_20	I AMs_20	19 12 28.2
F48A	Evansville baz=328	44.99	77	P	P	P	18 52 32.3 +0.4
G47A	Hillman baz=328	44.99	79	P	P	P	18 52 32.8 +0.2
GLMI D51A	Grayling Lot 18 Range I baz=328,SNR=5.4	45.00 45.03	80 73	P P	P P	P P	18 52 32.6 -0.1 18 52 33.4 +0.5
TLY TLY	Talya	45.05	299	P	P	P	18 52 37.6 +4.6
TLY TLY	Talya	45.05	299	eP eP	S S	S S	18 52 35.1 +2.1 18 59 14.5 +4.0
TLY	comp=Z,44nm,1.0s				MLR	MLR	
TLY TLY	comp=Z,4um,15.0s Talya	45.05	299	P	P	P	18 52 31.1 -1.9 19 14 19.3
I45A I45A	comp=Z,2um,18.0s Fountain baz=329	45.07	82	P	P	P	18 52 34.1 +0.9
I45A I45A	Fountain	45.07	82	P	I Amb	I Amb	18 52 33.0 -0.2 18 52 39.9
I45A	comp=Z,42nm,0.8s				I AMs_20		

18d 18h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like AMTX Amarillo, LATO La Tuque, K49A Clarkson, etc.

2014 APR

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like E60A Ste Agathe de, N49A Columbus Grove, N49A Columbus Grove, etc.

1340

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like P48A Milroy, P48A Milroy, W39A Magazine, etc.

18d 18h

Table with columns: Station, Name, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like NAXT, SDMP, PSUB, S55A, Y45A, P60A, etc.

2014 APR

Table with columns: Station, Name, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like HKT, HKT, T57A, T57A, Y49A, etc.

1342

Table with columns: Station, Name, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like MK31, MKAR, Y57A, Y57A, Y57A, etc.

LZH	comp-Z,8µm,15.2s	LR	LR		
LZH	comp-Z,6µm,17.9s	LR	LR		
BSEG	Bad Seeberg	58.58	5 eP	P	18 54 16.3 +2.6
LPSR	Galich'ya Gora	58.99	345 eP	P	18 54 18.0 +1.4
LPSR	comp-Z,60nm,0.8s			pmax	
AB31	Akbulak array	59.14	329 iP	P	18 54 17.7 0.0
ABKAR	Akbulak array	59.14	329 P	P	18 54 16.5 -1.2
656A	Willston	59.34	87 IAMS_20	IAMS_20	19 18 35.8
WHN	Wuhan	59.62	277 P	P	18 54 22.0 +0.7
WHN	comp-Z,3µm,20.0s			S	19 02 32.4 +2.0
WHN	comp-Z,6µm,17.0s			LR	
WHN	comp-Z,8µm,15.9s			LR	
WHN	comp-Z,4µm,14.2s			LR	
NRDL	Niedersach Rie	60.02	5 eP	P	18 54 26.1 +2.4
VRH	Novokhopovsk	60.07	343 eP	P	18 54 25.7 +1.6
VRH	comp-Z,30nm,0.6s			pmax	
IBBN	Ibbenburg	60.11	7 eP	P	18 54 26.5 +2.1
RUE	Ruedersdorf	60.13	3 eP	P	18 54 26.8 +2.3
RUE	Ruedersdorf	60.13	3 eP	P	18 54 27.1 +2.6
VSR	Storozhevoje	60.33	345 eP	P	18 54 27.7 +1.8
VSR	comp-Z,60nm,0.9s			pmax	
ASSE	Asse, Remlinge	60.40	5 eP	P	18 54 28.6 +2.3
VORD	Divnogorie	60.57	344 eP	P	18 54 28.9 +1.4
VORD	comp-Z,30nm,0.7s			pmax	
CLZ	Clausthal	60.68	5 eP	P	18 54 30.6 +2.2
DWPF	Disney Wildern	60.89	87 IAMS_20	IAMS_20	19 19 32.8
BUG	Buchum-Universität	60.95	7 eP	P	18 54 32.4 +2.3
GTGT	Gottingen	60.96	5 eP	P	18 54 32.4 +2.2
PRZ	Przheval'sk	61.07	312 P	P	18 54 29.4 -1.9
PRZ	comp-Z,2µm,22.0s			pmax	
PRZ	comp-Z,64nm,1.3s			MLR	
PRZ	comp-Z,2µm,22.0s			MLR	
PRZ	Przheval'sk	61.07	312 P	P	18 54 29.4 -1.9
PRZ	comp-Z,64nm,1.3s			IAMS_20	IAMS_20
CLL	Colim	61.29	3 iP	P	18 54 35.1 +2.7
CLL	comp-Z,2µm,22.0s			eS	18 54 45.6
CLL	comp-Z,33nm,1.1s			eSS	19 06 54.0 +3.5
CLL	comp-Z,1µm,20.5s			eSSS	19 10 00.0
CLL	Colim	61.29	3 eP	P	18 54 35.0 +2.7
CLL	comp-Z,1.6nm,0.9s, baz=356,slow=6.6			Lm	19 22 00.0
CLL	Colim	61.29	3 iP	P	18 54 35.1 +2.7
CLL	comp-Z,2µm,22.0s			eS	18 54 45.6
CLL	comp-Z,33nm,1.1s			pmax	19 03 03.0 +1.2
CLL	Colim	61.29	3 P	P	18 54 32.9 +0.5
CLL	comp-Z,1µm,20.5s			IAMB	18 54 40.0
NEUB	Neuenburg	61.36	4 eP	P	18 54 35.3 +2.4
USP	Ospenovka	61.41	316 P	P	18 54 31.9 -1.6
UCC	Uccle	61.43	10 P	P	18 54 34.4 +1.1
UCC	comp-Z,22nm,0.8s, baz=356,slow=6.6			pP	18 54 39.2 -0.1
UCC	Uccle	61.43	10 P	P	18 54 41.6 +0.1
UCC	comp-Z,47nm,0.8s			sP	18 54 31.6 -1.7
UCC	Uccle	61.43	10 P	P	18 54 31.6 -1.7
TKM2	Tokmak 2	61.44	315 P	P	18 54 35.1 +1.2
CHMS	Chumysh	61.59	316 P	P	18 54 35.7 +1.0
AKASG	Malin Array Be	61.62	352 P	P	18 54 35.1 +0.4
AKAB	Malin Array Si	61.62	352 eP	P	18 54 36.0 +1.3
AKBB	Malin Array Si	61.62	352 P	P	18 54 34.5 -0.2
FBE	Freiberg	61.66	3 eP	P	18 54 37.1 +2.0
ENH	Enshi	61.70	281 P	P	18 54 33.5 -2.0
ENH	comp-Z,5.4nm,0.4s, baz=6.0,slow=6.8,SNR=32			IAMS_20	IAMS_20
SNF	Senefle	61.71	10 P	P	18 54 37.2 +2.0
SNF	comp-Z,2µm,22.0s			pP	18 54 41.2 0.0
MEM	Membach	61.71	8 P	P	18 54 35.9 +0.6
MEM	comp-Z,59nm,0.9s			pP	18 54 40.6 -0.7
MEM	Sart Tilman	61.71	9 P	P	18 54 44.1 +0.6
BSTI	Kajisay	61.74	313 P	P	18 54 37.5 +2.2
BSTI	Kajisay	61.74	313 P	P	18 54 41.1 -0.1
KDJ	Kajisay	61.74	313 P	P	18 54 40.0 +0.5
KDJ	Kajisay	61.74	313 P	P	18 54 35.3 -0.6
KDJ	comp-Z,59nm,1.2s			IAMB	18 54 48.0
BRG	Berggiesshubel	61.74	3 iP	P	18 54 37.6 +2.1
BRG	comp-Z,2µm,20.0s			S	19 03 25.0 +2.8
BRG	Berggiesshubel	61.74	3 eP	P	18 54 37.6 +2.1
BRG	Berggiesshubel	61.74	3 iP	P	18 54 37.6 +2.1
BRG	comp-Z,17nm,0.8s, baz=356,slow=6.6			pmax	19 03 25.0 +2.8
YOJ	Yonaguni jima	61.79	266 IAMS_20	IAMS_20	19 23 42.2
FRU1	Bishkek	61.80	316 P	P	18 54 36.4 +0.2
FRU1	comp-Z,65nm,0.9s			pmax	
FRU1	comp-Z,90nm,21.0s			MLR	
FRU1	Bishkek	61.80	316 P	P	18 54 36.4 +0.2
KBK	Karagaybulak	61.86	315 P	P	18 54 37.7 +1.0
BGES	Gesves	61.88	9 pP	pP	18 54 42.4 -0.1
BGES	comp-Z,1µm,18.0s			sP	18 54 44.5 -0.2
ULHL	Ulahl	61.89	314 P	P	18 54 37.8 +0.8
MOX	Moxa	61.91	4 eP	P	18 54 38.7 +2.0
BMR	Maredsous	61.95	9 P	P	18 54 42.5 -0.3
AAK	Ala-Archa	62.00	316 P	P	18 54 38.9 +1.3
AAK	Ala-Archa	62.00	316 iP	P	18 54 38.6 +1.0
AAK	Ala-Archa	62.00	316 P	P	18 54 39.4 +1.9
AAK	Ala-Archa	62.00	316 iP	P	18 54 37.9 +0.3
AAK	comp-Z,40nm,1.0s			pmax	
AAK	Ala-Archa	62.00	316 P	P	18 54 37.3 -0.3
AAK	comp-Z,1µm,19.0s			IAMS_20	IAMS_20
CHVC	Chvalec	62.05	1 eP	P	18 54 40.3 +2.6
CHVC	Ostas	62.09	1 eP	P	18 54 44.1
OSTC	Ostas	62.09	1 eP	P	18 54 39.4 +1.5
PVCC	Panska Ves	62.10	2 eP	P	18 54 40.7 +2.8
PVCC	comp-Z,1µm,25.4s			pP	18 54 44.4 +0.5
PVCC	Panska Ves	62.10	2 eP	P	18 54 40.7 +2.8

PVCC	comp-Z,1µm,25.4s	e	MLR	MLR	18 54 44.4
PVCC	Ujice	62.13	1 eP	pP	18 54 40.6 +2.4
UPC	Ujice	62.13	1 eP	pP	18 54 47.7 +0.6
UPC	comp-Z,1µm,26.4s			AMS	19 03 55.1 +1.1
UPC	Ujice	62.13	1 eP	P	18 54 40.6 +2.4
UPC	comp-Z,1µm,26.4s			AMS	19 20 10.0
DOU	Dourbes	62.14	9 P	P	18 54 40.3 +2.1
DOU	Erkin-Say	62.16	316 P	P	18 54 46.6 +0.2
EKS2	Tannenbergstha	62.17	4 eP	P	18 54 43.8 +1.1
TANN	Tannenbergstha	62.17	4 eP	P	18 54 40.3 +1.8
TANN	comp-Z,36nm,0.9s, baz=356,slow=6.6			MLR	
GUNZ	Gaunzen	62.22	4 eP	P	18 54 41.2 +2.4
GUNZ	comp-Z,8.4nm,0.8s, baz=356,slow=6.6			P	18 54 40.8 +2.0
TNS	Taunus Mts	62.22	7 eP	P	18 54 41.2 +2.4
TNS	comp-Z,1.5nm,0.7s, baz=356,slow=6.6			P	19 21 08.8
YHNB	Yeheng	62.22	267 IAMS_20	IAMS_20	19 21 08.8
DPC	Dobruska-Polom	62.29	1 eP	pP	18 54 41.3 +2.0
DPC	comp-Z,2µm,18.0s			eP	18 54 46.2 +0.9
DPC	Dobruska-Polom	62.29	1 eP	pP	19 03 58.9
DPC	comp-Z,2µm,18.0s			x	18 54 41.3 +2.0
WERN	Wernitzgrun	62.29	4 eP	P	18 54 46.2
WERN	comp-Z,12nm,0.8s, baz=356,slow=6.6			P	18 54 41.3 +2.0
KZA	Kyzart	62.31	315 P	P	18 54 41.3 +1.2
NKC	Novy Kostel	62.35	4 eP	P	18 54 41.9 +2.3
NKC	Novy Kostel	62.35	4 eP	P	19 03 53.4
NKC	Novy Kostel	62.35	4 eP	P	18 54 41.9 +2.3
UCH	Uchtor	62.37	315 P	P	18 54 41.8 +1.3
OJC	Ojcow	62.42	358 P	P	18 54 38.5 -1.6
OJC	comp-Z,32nm,1.0s			pmax	
OJC	Ojcow	62.42	358 P	P	18 54 38.5 -1.6
OJC	comp-Z,32nm,1.0s			IAMB	18 54 47.5
KRLC	Kraliky	62.57	1 eP	pP	18 54 43.2 +2.0
KRLC	comp-Z,700nm,24.9s			AMS	18 54 47.6 +0.5
KRLC	Kraliky	62.57	1 eP	pP	19 21 30.0
KRLC	comp-Z,700nm,24.9s			e	18 54 43.2 +2.0
KRLC	Kraliky	62.57	1 eP	MLR	18 54 47.6
MANZ	Manzenberg	62.59	4 eP	P	18 54 43.8 +2.5
MANZ	comp-Z,20nm,1.1s, baz=356,slow=6.6			P	18 54 43.8 +2.5
NACB	Ninganchiao	62.59	267 IAMS_20	IAMS_20	19 20 41.5
KK31	Karatay Array	62.59	319 P	P	18 54 40.0 -1.4
KK31	Karatay Array	62.59	319 P	P	18 54 40.0 -1.4
KKAR	Karatay Array	62.59	319 P	P	18 54 40.4 -1.0
KKAR	comp-Z,32nm,1.1s			pmax	
KKAR	Karatay Array	62.59	319 P	P	18 54 40.4 -1.0
KKAR	comp-Z,32nm,1.1s			IAMB	18 54 53.0
PRU	Pruhonice	62.64	2 eP	pP	18 54 43.7 +2.2
PRU	comp-Z,1µm,23.0s			pP	18 54 48.0 +0.5
PRU	Pruhonice	62.64	2 eP	pP	19 22 50.0
PRU	comp-Z,1µm,23.0s			AMS	18 54 43.7 +2.2
PRU	Pruhonice	62.64	2 eP	MLR	18 54 48.0
WLF	Wallerfange	62.66	8 P	P	18 54 44.0 +2.3
WLF	comp-Z,25nm,1.2s			P	18 54 44.0 +2.3
WLF	Wallerfange	62.66	8 P	P	18 54 44.0 +2.3
WLF	comp-Z,20nm,0.8s, baz=356,slow=6.6			P	18 54 42.5 +0.8
WLF	Wallerfange	62.66	8 P	P	18 54 42.5 +0.8
WLF	comp-Z,31nm,0.9s			pmax	
WLF	Wallerfange	62.66	8 P	P	18 54 42.5 +0.8
WLF	comp-Z,31nm,0.9s			IAMB	18 54 49.2
AML	Almayashu	62.68	316 P	P	18 54 44.1 +1.6
NRN	Naryn	62.71	314 P	P	18 54 41.9 -0.7
NRN	comp-Z,20nm,0.8s			pmax	
NRN	Naryn	62.71	314 P	P	18 54 41.9 -0.7
NRN	comp-Z,20nm,0.8s			P	18 54 41.9 -0.7
LVV	Lotzenmühle	62.73	355 P	P	18 54 44.3 +2.1
ROTZ	Rotzenmühle	62.81	4 P	P	18 54 45.1 +2.4
OKC	Ostrava-Krasne	62.81	360 eP	P	18 54 44.1 +1.4
OKC	comp-Z,32nm,0.9s, baz=356,slow=6.6			P	18 54 44.3 +1.4
OKC	Ostrava-Krasne	62.81	360 eP	P	18 54 43.1 +0.6
GRA1	Grafenberg Arr	62.86	5 P	P	18 54 50.8
GRA1	comp-Z,37nm,1.0s			IAMB	18 54 50.8
GRF	Grafenberg Arr	62.86	5 eP	P	18 54 45.0 +2.0
GRF	comp-Z,32nm,0.9s, baz=356,slow=6.6			P	18 54 43.6 +0.6
GRF	Grafenberg Arr	62.86	5 P	P	18 54 43.6 +0.6
GRF	comp-Z,37nm,1.0s			pmax	
GRF	Grafenberg Arr	62.86	5 P	P	18 54 45.0 +2.0
GRF	comp-Z,37nm,1.0s			MLR	18 54 43.6 +0.6
MORC	Moravsky Berou	62.87	0 iP	P	18 54 45.3 +2.1
MORC	Moravsky Berou	62.87	0 P	P	18 54 42.7 -0.5
MORC	comp-Z,18nm,0.8s			pmax	

18d 18h

2018 APR

1344

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BZS, SIM, VOIR, KIV, etc.

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

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

18th 18h

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like HIN, EPYK, CLB, etc.

2014 APR

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

1346

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like KRMB, KBS, KBS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like BEKR Beckworth, TPAW Teton Pass, GDXM Geysers, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like ERM Ermo, MDPB Devils Postpile, SAO San Andreas Ge, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like GSC Goldstone, MDJ Mudanjiang, SMCO Snowmass, etc.

18d 18h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Y14A, F45A, W18A, etc.

2014 APR

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like F52A, ZAK, N41A, etc.

1348

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like I55A, M49A, KS19, etc.

N51A	comp=Z,42nm,0.8s	IAMB	IAMB	19 05 35.5			
L54A	Sinclairville baz=300	49.26	77	P	P	19 05 34.7	-0.1
J56A	Wolcott baz=330	49.27	74	P	P	19 05 34.6	-0.2
J56A	Wolcott	49.27	74	P	P	19 05 33.5	-1.3
K55A	Perry baz=330	49.29	75	P	P	19 05 34.7	-0.4
G60A	Masonville baz=330,SNR=7.7	49.33	69	P	P	19 05 36.1	+0.8
T42A	Van Buren	49.34	91	P	P	19 05 34.9	-1.6
T42A	comp=Z,34nm,0.8s					19 05 36.0	
TR42A	Permogore	49.35	343	eP	PcP	19 05 57.9	+0.1
PRGR	comp=Z,37nm,0.8s					19 05 35.2	0.0
P48A	Milroy baz=331	49.37	84	P	P	19 05 35.6	-0.1
P48A	Milroy	49.37	84	P	P	19 05 34.6	-1.1
WVNY	West Valley, N	49.37	76	P	P	19 05 34.4	-1.3
WVNY	comp=Z,2um,19.0s					19 24 47.9	
DL2	Dalian	49.40	275	P	S	19 05 36.6	+0.7
DL2	comp=Z,14nm,1.2s					19 12 44.5	+2.8
DL2	comp=Z,610nm,6.3s						
DL2	comp=Z,4um,16.1s						
DL2	comp=Z,8um,16.1s						
DL2	comp=Z,2um,14.1s						
TJN	Taejon	49.42	268	eP	P	19 05 37.9	+1.8
M53A	WI Miller and baz=330,SNR=9.4	49.44	78	P	P	19 05 35.6	-0.7
SIUC	Southern Illin	49.45	88	P	P	19 05 35.4	-0.9
S44A	Carbondale	49.45	88	P	P	19 05 35.3	-1.0
O50A	Cable	49.46	82	P	P	19 05 36.1	-0.3
ALLY	Alegheny Colle baz=330	49.46	78	P	P	19 05 35.3	-1.1
J57A	Williamstown	49.46	73	P	P	19 05 35.6	-0.8
PQI	Presque Isle	49.48	65	P	P	19 05 36.1	-0.4
PQI	comp=Z,75nm,1.8s					19 05 36.6	-0.4
E63A	Oxbow baz=330	49.55	65	P	P	19 05 36.8	-0.2
E63A	Oxbow	49.55	65	P	P	19 05 36.8	-0.2
E63A	comp=Z,83nm,1.7s					19 06 50.4	
P49A	Miami Univ. Ec baz=331,SNR=6.8	49.57	83	P	P	19 05 36.9	-0.3
K56A	Middlesex baz=330	49.59	75	P	P	19 05 36.8	-0.6
I58A	Old Forge baz=330	49.59	72	P	P	19 05 37.8	+0.3
N52A	McGinn's Farm, baz=331	49.61	80	P	P	19 05 38.1	+0.5
ACSO	Alum Creek Sta baz=331,SNR=6.5	49.62	81	P	P	19 05 37.2	-0.4
ACSO	Alum Creek Sta	49.62	81	P	P	19 05 37.2	-0.4
ACSO	comp=Z,34nm,0.7s					19 05 38.4	
BATG	Bathurst New B	49.62	63	P	P	19 05 37.5	-0.1
NCB	Newcomb	49.62	71	P	P	19 05 37.3	-0.3
L55A	Hinsdale baz=330,SNR=7.3	49.63	76	P	P	19 05 37.7	0.0
H60A	Morristown baz=330	49.66	70	P	P	19 05 38.5	+0.7
O48A	North Vernon baz=331,SNR=6.6	49.72	84	P	P	19 05 37.9	-0.5
M54A	Oil Creek Stat baz=330,SNR=5.4	49.76	77	P	P	19 05 38.3	-0.4
M54A	Oil Creek Stat	49.76	77	P	P	19 05 37.2	-1.4
M54A	comp=Z,36nm,0.9s					19 05 39.1	
J58A	Remsen baz=330	49.77	73	P	P	19 05 38.1	-0.6
J58A	Remsen	49.77	73	P	P	19 05 37.7	-1.0
J58A	comp=Z,72nm,1.8s					19 05 39.3	
SOKR	Solkamsk	49.78	335	eP	P	19 05 38.8	+0.3
SOKR	comp=Z,47nm,1.0s					19 15 31.3	-4.7
SOKR	comp=Z,3um,22.0s						
PBMO	Poplar Bluff	49.81	90	P	P	19 05 38.0	-1.1
PBMO	comp=Z,42nm,0.9s					19 05 39.8	
US1N	University of Pataskala	49.82	87	P	P	19 05 38.5	-0.7
O51A	baz=331,SNR=11	49.84	81	P	P	19 05 38.9	-0.4
P50A	Jamestown baz=331,SNR=6.1	49.86	82	P	P	19 05 39.3	-0.1
X37A	Clayton	49.86	96	P	P	19 05 39.5	0.0
X37A	comp=Z,26nm,0.9s					19 06 19.3	
G62A	West of Eustis baz=330	49.86	68	P	P	19 05 40.0	+0.6
G62A	West of Eustis	49.86	68	P	P	19 05 39.8	+0.4
G62A	comp=Z,97nm,1.7s					19 05 42.5	
K57A	Scipio Center baz=330	49.86	74	P	P	19 05 39.0	-0.4
I59A	Olmsteadville baz=330,SNR=11	49.90	71	P	P	19 05 39.2	-0.5
W39A	Magazine baz=332	49.92	94	P	P	19 05 40.0	+0.1
N53A	Lisbon baz=331,SNR=8.6	49.93	79	P	P	19 05 39.9	0.0
N53A	Lisbon	49.93	79	P	P	19 05 38.8	-1.1
N53A	comp=Z,44nm,0.9s					19 05 40.6	
F63A	Nahmakanta, Br baz=330	49.94	66	P	P	19 05 40.4	+0.4
F63A	Nahmakanta, Br	49.94	66	P	P	19 05 40.0	0.0
F63A	comp=Z,25nm,0.7s					19 05 44.2	
FCAR	Ozark Folk Cen	49.94	92	P	P	19 05 37.8	-2.3
FCAR	comp=Z,35nm,0.7s					19 05 40.2	+0.1
H61A	Lyndonville baz=330	49.96	69	P	P	19 05 40.2	+0.1
J59A	Piesco baz=330	49.96	72	P	P	19 05 40.2	+0.1
J59A	Piesco	49.96	72	P	P	19 05 39.2	-1.0
J59A	comp=Z,84nm,1.8s					19 07 01.3	
Q49A	Aurora baz=331	49.97	84	P	P	19 05 40.5	+0.2
L56A	Greenwood baz=330,SNR=6.0	49.99	75	P	P	19 05 39.5	-1.0
L56A	Greenwood	49.99	75	P	P	19 05 38.8	-1.7
L56A	comp=Z,31nm,0.8s					19 05 40.7	+0.1
ABTX	Abilene, Hawle baz=334	50.00	101	P	P	19 05 40.7	+0.1
ABTX	Abilene, Hawle	50.00	101	P	P	19 05 39.9	-0.7
ABTX	comp=Z,67nm,1.5s					19 05 41.5	
F64A	Sherman baz=330	50.06	65	P	P	19 05 41.2	+0.4
F64A	Sherman	50.06	65	P	P	19 05 40.2	-0.7
F64A	comp=Z,116nm,1.9s					19 05 44.4	
I60A	Shoreham baz=330	50.07	71	P	P	19 05 41.3	+0.3
N54A	Moraine State baz=331	50.11	78	P	P	19 05 41.1	-0.3
N54A	Moraine State	50.11	78	P	P	19 05 40.2	-1.1
WCI	Wyandotte Cave	50.11	85	P	P	19 05 40.3	-1.1
WCI	comp=Z,33nm,0.9s					19 05 40.3	-1.1
WCI	Wyandotte Cave	50.11	85	P	P	19 05 40.6	-0.8
WCI	Wyandotte Cave	50.11	85	P	P	19 05 40.3	-1.1
WCI	comp=Z,33nm,0.9s					19 05 41.9	

M55A	Ridgway baz=331,SNR=7.9	50.13	77	P	P	19 05 41.3	-0.2
M55A	Ridgway	50.13	77	P	P	19 05 40.3	-1.2
M55A	comp=Z,37nm,0.9s					19 05 41.9	
M55A	comp=Z,3um,20.0s					19 24 11.9	
O52A	Adamsville baz=331,SNR=8.7	50.16	80	P	P	19 05 41.4	-0.3
O52A	Adamsville	50.16	80	P	P	19 05 40.8	-0.9
O52A	comp=Z,41nm,0.8s					19 05 42.2	
LCAR	Lake Charles	50.16	91	P	P	19 05 39.9	-1.8
LCAR	comp=Z,25nm,0.9s					19 07 00.1	-0.8
LCAR	Lisbon	50.22	69	P	P	19 07 02.6	
LBNH	Lisbon	50.22	69	P	P	19 05 42.3	+0.2
LBNH	comp=Z,171nm,1.9s					19 05 42.7	+0.6
LBNH	Lisbon	50.22	69	P	P	19 05 42.7	+0.6
LBNH	Lisbon	50.22	69	P	P	19 05 42.3	+0.2
HENM	Henderson Moun	50.23	89	P	P	19 05 41.4	-0.8
P51A	Williamsport	50.25	82	P	P	19 05 41.9	-0.4
P51A	Williamsport	50.25	82	P	P	19 05 41.2	-1.1
PKME	Peaks-Kenny Pk	50.26	66	P	P	19 05 40.8	-1.5
PKME	comp=Z,34nm,0.8s					19 05 46.6	
Z35A	Perchaven, San	50.26	99	P	P	19 05 42.3	-0.2
Z35A	Perchaven, San	50.26	99	P	P	19 07 02.0	+0.8
G63A	Kingsbury baz=330,SNR=5.3	50.27	67	P	P	19 05 42.7	+0.2
O53A	New Philadelph baz=331,SNR=6.7	50.27	80	P	P	19 05 42.6	0.0
T45A	Paducah	50.28	88	P	P	19 05 42.4	-0.2
SRIG	Santa Rosalia	50.28	117	P	P	19 05 43.7	+1.0
M56A	Emporium baz=331,SNR=5.8	50.33	76	P	P	19 05 42.4	-0.6
M56A	Emporium	50.33	76	P	P	19 05 41.6	-1.4
M56A	comp=Z,25nm,0.7s					19 05 46.7	
M56A	comp=Z,2um,20.0s					19 25 29.3	
ACCN	Adirondack Com	50.33	71	P	P	19 05 42.5	-0.4
L57A	Andrews Acres baz=331	50.37	75	P	P	19 05 43.4	+0.1
I61A	Oroboro, Fairl	50.38	70	P	P	19 05 44.5	+1.2
WHAR	Woolly Hollow	50.41	93	P	P	19 05 43.1	-0.5
K59A	Cooperstown	50.43	73	P	P	19 05 43.3	-0.5
G64A	Maxfield baz=331	50.45	66	P	P	19 05 43.4	-0.4
G64A	Maxfield	50.45	66	P	P	19 05 43.4	-0.4
Q50A	Georgetown baz=331	50.46	83	P	P	19 05 44.2	+0.3
P52A	Corning baz=331	50.46	81	P	P	19 05 43.6	-0.5
HICK	Hickman	50.48	89	P	P	19 05 43.2	-0.9
BINY	Binghamton	50.52	74	P	P	19 05 43.6	-0.8
BINY	Binghamton	50.52	74	P	P	19 05 43.3	-1.2
BINY	comp=Z,68nm,1.6s					19 05 49.1	
W41B	Gary Mavity, V baz=332,SNR=5.3	50.53	93	P	P	19 05 44.6	+0.1
Q51A	Peekskill baz=331	50.54	82	P	P	19 05 44.5	0.0
Q51A	Peekskill	50.54	82	P	P	19 05 44.1	-0.4
J60A	Lant Hill Farm baz=331	50.54	71	P	P	19 05 45.0	+0.4
HNH	Hanover	50.55	70	P	P	19 05 44.9	+0.3
HNH	comp=Z,44nm,1.2s					19 05 45.8	
MIAR	Mount Ida baz=333,SNR=14	50.58	94	P	P	19 05 44.9	0.0
MIAR	Mount Ida	50.58	94	P	P	19 05 44.3	-0.7
MIAR	comp=Z,52nm,1.1s					19 05 46.0	
M55A	Marion Center baz=331,SNR=9.8	50.64	77	P	P	19 07 03.7	+1.3
O54A	Avella	50.65	79	P	P	19 05 44.8	

18d 18h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HFS Hagfors, ARU Arti, L64A Midlertborough, etc.

2014 APR

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ESK Eskdalemuir, ESK Nanjing, NJ2 comp=Z,39nm,1.3s, etc.

1350

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BRG comp=Z,16nm,1.9s, BRG Berggiesshubel, etc.

18d 19h

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KEST Kesra, KCP Kadipawan, PKBT Sadao Pong, etc.

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Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA Paso Flores, LBTB Lobatse, BOSHA Boshof, etc.

1352

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOA, NRAO, HFS, etc.

MOS 18 19:00:31.71, 1.6, 50.13N, 87.59E, h0km, mb4.0/2, Error ellipse: s-maj=6.8km s-min=5.0km az=83.3
IDC 18 19:00:31.7, 0.9, 50.22N, 87.76E, h0km, mb3.9/9, mb1.4/2.17, mb1mx3.9/7.0, mbtmp4.1/17, ML3.8/7, Error ellipse: s-maj=11.9km s-min=9.4km az=131.0
BUJ 18 19:00:32.0, 0.0, 50.52N, 87.05E, h24km, mb4.5/3, mb4.1/8, ML4.3/7, Ms3.9/3
NEIC 18 19:00:33.2, 3.0, 50.19N, 05.87E, 0.1, h14km, 4km, mb4.0/11, Error ellipse: s-maj=10.7km s-min=7.7km az=80.0
NNC 18 19:00:35.0, 3.5, 50.25N, 87.42E, h0km, mb4.9, mpv4.6, Error ellipse: s-maj=27.3km s-min=17.1km az=71.0
ASRS 18 19:00:35.6, 0.2, 50.30N, 0.9, 87.77E, 0.19, h9km, ML5.0/23, smi:org-gfz-potsdam.de/geofon/LOCSA17 earthModelID
smi:org-gfz-potsdam.de/geofon/tab confirmed
ISC 18 19:00:34.0, 0.7, 50.18N, 02.87E, 0.02, h16km, 4km, n128, e251/198, mb3.8/10, 15C-8D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FNA Florida, J59A Plesco, PLVO Plevna, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LATE Laterza, ARSA Arzberg, WTTA Wattenberg, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, TXAR Lajitas Array, IDC 18 19:21:26.9, etc.

18d 20h

THE 18 19:34:50.5, 38.26N-20.34E, h2km, 17km, ML2.8/3, Error ellipse: s-maj=17.5km s-min=0.4km az=86.0

ATH 18 19:34:50.6, 38.26N-20.42E, h13km, 1km, ML2.9/4, Error ellipse: s-maj=2.4km s-min=1.0km az=251.0

ISC 18 19:34:50.1, 0.9, 38.26N-20.03, 20.38E, 0.04, h15km, 4km, n30, c084/51, Greece

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

GCG 18 19:59:33.9, 1.2, 10.92N-88.93W, h25km, MD4.4

UCR 18 19:59:52.9, 1.8, 12.41N-89.70W, h15km, 9km, ML4.1, mb4.4(NEIC)

SNET 18 19:59:52.9, 1.8, 12.41N-89.71W, h16km, 8km, ML4.2

INET 18 19:59:57.0, 12.61N-89.50W, h15km, ML4.4

IDC 18 20:00:0.1, 3.2, 12.96N-89.03W, h47km, 24km, mb3.8/12, mb1.4, 0.15, mb1mx3.7/48, mbtmp4.0/15, ML3.2/3, MS4.2/3, Ms1.4, 3.3, ms1mx3.7/39, Error ellipse: s-maj=40.6km s-min=21.0km az=23.0

NEIC 18 20:00:0.1, 9.2, 0.2, 12.89N-0.09-89.21W, 0.07, h70km, 7km, mb4.4/58, Error ellipse: s-maj=14.4km s-min=8.3km az=214.0

ISC 18 19:59:53.2, 3.2, 12.42N-89.62W, 0.04, h18km, 13km, n119, c1952/136, mb4.5/34, MS4.1/3, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Alcalda de L, El Faro, Serv Nac Est, etc.

2014 APR

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like PACA, PACAL, PALLM, etc.

1356

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

IDC 18 20:04:24.6, 1.5, 67.83N-162.75W, h0km, mb3.5/8, mb1.3, 8.9, mb1mx3.5/45, mbtmp3.6/9, ML3.6/1, Error ellipse: s-maj=43.3km s-min=27.0km az=27.0

AEIC 18 20:04:25.9, 1.9, 67.71N-162.4W, 0.2, h10km, 5km, ML3.3/24, Error ellipse: s-maj=12.1km s-min=10.0km az=155.0

NEIC 18 20:04:27.6, 1.5, 67.77N-162.6W, 0.2, h70km, 5km, Error ellipse: s-maj=11.5km s-min=9.8km az=156.0

ISC 18 20:04:25.9, 0.7, 67.81N-162.42W, 0.06, h10km, n60, c1928/63, mb3.6/7, Northern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like RDOG, ANNO, IM03, etc.

IDC 18 20:11:22.4, 6.1, 68.17N-163.73W, h0km, mb3.3/3, mb1.3, 9.5, mb1mx3.4/39, mbtmp3.5/5, ML3.8/2, Error ellipse: s-maj=93.7km s-min=72.9km az=126.0

AEIC 18 20:11:28.1, 1.3, 67.77N-162.05W, 0.1, h12km, 6km, ML3.0/23, Error ellipse: s-maj=8.1km s-min=4.4km az=23.0

NEIC 18 20:11:29.3, 1.9, 67.79N-162.4W, 0.2, h24km, 7km, Error ellipse: s-maj=13.4km s-min=9.6km az=154.0

ISC 18 20:11:28.6, 0.9, 67.77N-162.12W, 0.06, h10km, n44, c1948/52, Northern Alaska

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HDA Harding Lake, RND Reindeer, SKT Skwentna, etc.

IDC 18 20:28:23.8.0.9.67.92N:162.167W,h0km,mb3.6/11, mb1.3/7.13,mb1.3/7.44,mbtmp3.7/13,ML3.6/2,Error ellipse: s-maj=28.5km s-min=15.5km az=36.2, AEIC 18 20:28:24.9.2.3.67.73N:0.05:162.57W:0.2,h18km,3km, ML3.7/31,Error ellipse: s-maj=9.3km s-min=6.8km az=66.0, NEIC 18 20:28:25.9.2.2.67.75N:0.06:162.7W:0.1,h22km,4km, Error ellipse: s-maj=9.6km s-min=5.1km az=209.0, ISC 18 20:28:24.8.0.6.67.86N:0.07:162.32W:0.05,h10km,n73, a=152/77,mb3.6/10,Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RDOG Red Dog Mine, ANM Nome, IM03 Coldfoot, PS05 TAPS Pump Stn5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, PRP Porcupine Dome, PS08 TAPS Pump Stn8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RDOG Red Dog Mine, ANM Nome, IM03 Coldfoot, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TT01 Tatalina, BPAW Bear Paw Mtn., NEA Nenana, etc.

TEH 18 20:43:51.5.37.27N:44.81E,h5km,ML3.6, THR 18 20:43:55.0.0.4.37.45N:44.82E,h17km,3km,ML3.7, DDA 18 20:43:55.4.37.36N:44.49E,h17km,2km,ML3.2, ISN 18 20:44:00.2.24.0.37.35N:44.82E,h15km,159km,ML3.7, ISC 18 20:43:59.1.2.37.34N:0.02:44.63E:0.03,h10km,10km,n88,c156/102,Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, PRP Porcupine Dome, PS08 TAPS Pump Stn8, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YOVA Hakkari Yksek, BASK Baskale VAN, BASK Baskale VAN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VMUR comp=E,174nm,0.9s, VMUR comp=N,151nm,1.0s, etc.

IDC 18 20:34:52.1.8.67.65N:0.05:162.4W:0.2,h4km,4km, ML3.8/39,Error ellipse: s-maj=10.3km s-min=6.5km az=71.0, NEIC 18 20:34:53.7.2.1.67.71N:0.05:162.3W:0.1,h12km,4km, Error ellipse: s-maj=5.5km s-min=6.7km az=65.0, IDC 18 20:34:53.5.0.9.67.92N:162.17W,h0km,mb3.7/12, mb1.4/0.14,mb1mx3.4/4.6,mbtmp3.8/14,ML3.8/2,MS4.3/1, Ms1.4/3.1,ms1mx3.1/4.6,Error ellipse: s-maj=28.1km s-min=14.5km az=37.0, ISC 18 20:34:53.0.6.67.77N:0.06:162.12W:0.05,h10km,n94, a=153/92,mb3.8/11,Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VMUR comp=N,307nm,0.7s, BLIS Blits-Merkez, BLIS Blits-Merkez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RDOG Red Dog Mine, RDOG Red Dog Mine, ANM Nome, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RDOG Red Dog Mine, RDOG Red Dog Mine, ANM Nome, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include BZGR, LGNR, KRSR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include TCOL, CIGO, UAF Yank, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MNTX, Cornudas Mount, ZAAO, etc.

IDC 18 21:30:09.8.1.1.1.205x164.73E,h0km,mb4.1/9, mb1 4.2/23, mb1mx4.0/50, mbtmp4.2/12, ML4.3/74, MS3.7/3, Ms1 3.7/3, ms1mx3.2/28, Error ellipse: s-maj=30.5km s-min=20.3km az=87.0

NEIC 18 21:30:11.5.1.5.1.12S:0.1x164.7E:0.1, h11km,4km, mb4.1/35, Error ellipse: s-maj=23.3km s-min=7.2km az=23.0

ISC 18 21:30:11.4.0.8.113S:0.1x164.7E:0.1, h10km, m41, o=81/35, mb4.5/18, 1C-1D, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include HNR, Honiara, DZM, Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include INK, Inuvik, HMT, Hamilton, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MNTX, Cornudas Mount, ZAAO, ZALVO, etc.

IDC 18 21:41:15.7.4.2.3919N:65.96E,h0km,mb3.3/1, mb1 3.4/3, mb1mx3.1/48, mbtmp3.4/3, ML3.1/2, Error ellipse: s-maj=20.4km s-min=25.8km az=152.0

NIC 18 21:41:20.0.8.3.36S:85N:69.84E,h0km,mb4.0,mpv3.7, Error ellipse: s-maj=72.4km s-min=52.2km az=157.0

ISC 18 21:41:20.3.1.8.36S:50N:70.1E:0.1, h200km, m18, o=187/21, 4C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include H11S2, WAKE ISLAND Hy 29.61, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include RES, Resolute Bay, WBA, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include AML, Almayashu, KK31, Karatay Array, etc.

IDC 18 21:38:50.0.0.6.68S:05N:162.39W,h0km,mb3.9/19, mb1 4.2/23, mb1mx4.0/50, mbtmp3.9/23, ML3.7/4, MS3.4/4, Ms1 3.4/4, ms1mx2.9/46, Error ellipse: s-maj=18.5km s-min=10.4km az=27.0

AEIC 18 21:38:50.0.0.6.67N:01.05:162.4W:0.1, h17km,3km, ML4.1/36, mb4.3/58(NEIC), Error ellipse: s-maj=7.2km s-min=5.4km az=192.0

NEIC 18 21:38:51.2.2.7.677N:01.05:162.4W:0.1, h17km,2km, Error ellipse: s-maj=8.8km s-min=4.6km az=48.0

ISC 18 21:38:50.0.0.4.6782N:0.05:162.28W:0.04, h10km, m149, o=162/151, mb4.2/45, MS3.4/5, Northern Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include RDOG, Red Dog Mine, ANM, Nome, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include TPNV, Topopah Spring, PV21, Cone Mtn., etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include UCR 18 21:57:13.8.2.0, 5.89N:82.69W, h23km,64km, mb4.6(NEIC), etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries for stations like TOS13, STIA3, Ocu, Herrera, Puerto Jimenez, etc.

Error ellipse: s-maj=5.0km s-min=3.9km az=57.0
AEIC 18 23:04:06.1,2.2,63.41N,0.03:144.97W,0.05,h13km,2km,
ML4,1/77,mb4.3/85(NEIC),Mwr4.0/88(NEIC),Error ellipse:
s-maj=4.1km s-min=3.3km az=187.0
NEIC 18 23:04:06.63,41N,1.44,97W,h13km, Moment Tensor
Solution. Moment tensor: Scale 10^15Nm; Mr1.25;
Ms1-1.36; Mw0.11; Mn-0.14; Mo0.62; Mo-0.25; Fault
plane solution: M1:4.7000x10^15 Np1=2.15,17000^
,346.22000^,1.11,82000^, NP2=2.75,11000^,847.91000^
,1.68,79000^; Principal axes: T:1.3308, P:47.0000^,
Az=113.0000^; N:0.2534, Plg16.0000^, Plg20.0000^; P:
1.58, Az=11.0000^, Az=21.0000^

ISC 18 23:04:05.5,1.3,63.43N,0.03:144.96W,0.03,h6km,8km,
n213,ci107/214,mb4.2/61,MS3.1/4, Central Alaska

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

Table with columns: Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their associated data.

Table with columns: Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their associated data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HFS Hagfors, EKA Eskdalemuir Arr, NOA NORFAR Array B, etc.

IDC 19 00:21:05.7±1.9, 6.555x172.87W, h0km, mb3.7/3, Mb1 3.9/4, mb1mx3.7/28, mbmt3.6/4, ML3.3/1, MS3.4/1, Ms1 3.4/1, ms1mx3.0/22, Error ellipse: s-maj=67.8km s-min=30.5km az=67.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Vnda Vanda, QSPA South Pole Qui, ASAR Alice Springs, etc.

IDC 19 00:36:00.2±9.7, 26.67N, 140.55E, h526km, 120km, mb2.7/7, mb1 3.0/7, mb1mx2.7/36, mbmt3.6/7, Error ellipse: s-maj=37.0km s-min=28.2km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ZALV Zalesov Beam, MKAR Makanchi Array, etc.

IDC 19 00:47:36.0±1.7, 44.11N, 01.16384E, 0.09, h16km, 10km, m6, 0.955/12, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KJUV Kijevo, MGRS Mrkonjic Grad, BLY Banja Luka, etc.

UCR 19 00:55:21.1±0.8, 10.67N, 84.94W, h136km, 2km, MD3.8, 1C, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTEN Parque Tenorio, ACAL Aguas Claras, CUI Cuitipala, etc.

ATH 19 00:59:09.5, 37.79N, 201.12E, h18km, 1km, ML2.6/8, Error ellipse: s-maj=3.5km s-min=1.1km az=61.0

THE 19 00:59:10.2, 37.78N, 201.17E, h2km, 39km, ML2.8/7, Error ellipse: s-maj=39.1km s-min=1.01km az=0.0

ISC 19 00:59:07.9±1.7, 37.78N, 201.05±20.01E±0.05, h11km, 10km, n47, r116/69, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHV1 Chavriata, Kef, KEF3 Kipoura, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KEF4 Livadi, VLS Valsamata, VLS Valsamata, etc.

IDC 19 00:59:54.4±1.5, 19.27S, 177.44W, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.8/47, mbmt4.1/4, Error ellipse: s-maj=45.4km s-min=37.0km az=129.0, Fiji Islands region

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

IDC 19 01:04:01.6±1.5, 6.60S, 155.07E, h18km, 8km, mb5.5/41, mb1 5.4/46, mb1mx5.4/48, mbmt5.4/46, ML4.4/5, MS6.3/39, Ms1 6.3/39, ms1mx6.2/44, Error ellipse: s-maj=11.8km s-min=8.3km az=354.0

BUI 19 01:04:02.0±0.6, 6.68S, 155.15E, h35km, mb6.4/69, mb5.8/78, Ms6.4/99, Ms7.6/93

NEIC 19 01:04:03.8±1.9, 6.66S, 0.06±155.09E±0.06, h29km, 1km, mb6.1/374, Ms 20.6/7844, Mw6.6/4105, Mw6.6/126, Mw6.6, Mw6.6(GCMT), Error ellipse: s-maj=10.8km s-min=9.6km az=354.0

MOS 19 01:04:03.7±1.3, 6.48S, 154.98E, h38km, mb6.1/71, Ms6.3/51, Error ellipse: s-maj=6.7km s-min=4.9km az=115.3

NEIC 19 01:04:04.5, 6.68S, 155.09E, h34km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:4.67; Mw:3.46; Mw:1.21; Mw:2.50; Mw:2.48; Mw:1.67; Fault plane solution: Ms:7.30000x10^18 NP1:302.300000, 855.000000, 89.140000. NP2:305.000000, 835.000000, 829.160000. Principal axes: T 5.2800, Plg74.0000, Azm35.0000; N 0.3872, Plg0.0000; Azm303.0000; P -5.9152, Plg16.0000; Azm213.0000

DJA 19 01:04:06.0±0.4, 7.2±1.5 SE, h47km, mb6.4/121, mb6.6/112, mb6.0/121, MLv6.6/2, MW(mw)6.4/12, Mw6.6/3100

NEIC 19 01:04:09.6, 9.19S, 155.07E, h35km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:8.56; Mw:5.51; Mw:3.04; Mw:2.33; Mw:4.66; Mw:2.35; Fault plane solution: Ms:7.30000x10^18 NP1:302.300000, 855.000000, 89.140000. NP2:305.000000, 835.000000, 829.160000. Principal axes: T 9.1681, Plg79.0000, Azm53.0000; N 0.5212, Plg3.0000; Azm309.0000; P -9.8894, Plg10.0000; Azm218.0000

GCMT 19 01:04:09.0±0.0, 6.92S, 154.99E, h36km, Mw6.6/175, Moment Tensor Solution. s:75.0463; s:174.6767; Duration: 48; Moment tensor: Scale 10^19Nm; Mr:0.88; Mw:0.00; Mw:0.55; Mw:0.32; Mw:0.00; Mw:0.27; Mw:0.45; Mw:0.29; Mw:0.29; Best double couple: Mw:0.97500x10^19 NP1:304.000000, 833.000000, 84.000000. NP2:305.000000, 857.000000, 84.000000. Principal axes: T 0.9640, Plg78.0000, Azm55.0000; N 0.0220, Plg3.0000; Azm310.0000; P -0.9860, Plg12.0000; Azm219.0000; nsta1 refers to body waves,

cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function NEIC 19 01:04.7, 6.82S, 154.35E, h38km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:1.03; Mw:0.60; Mw:0.43; Mw:0.51; Mw:0.51; Mw:0.38; Fault plane solution: Ms:1.40000x10^19 NP1:134.470000, 857.740000, 89.472000. NP2:305.670000, 832.570000, 82.570000. Principal axes: T 1.1422, Plg77.0000, Azm59.0000; N -0.0059, Plg4.0000; Azm312.0000; P -1.1363, Plg13.0000; Azm221.0000

ISC 19 01:04:04.7±0.3, 6.65S, 155.07E±0.03, h40km, 2km, 113mm, 0.3s, baz=33, slow=0.3, SNR=63 132C-53D, Bougainville-Solomon Islands region

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

1371

Table with columns for station code, name, frequency, and various signal quality metrics (S, P, I, etc.). Includes stations like CD2, HHC, BT0, TA0E, and LSA.

2014 APR

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like LSA, YAK, BOD, TLY, and GUN.

19d 1h

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like MYLAV, SKHT, PYUN, ADKI, and RSO.

19d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like GYAO ALIBECK ARRAY, AKTO Aktbyubinsk, AKTO comp=Z,2.5nm,0.7s, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like AMTX Amarillo, PRGR Permogro, MDND Maddock, HOPEN Hoppen, etc.

1374

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, KIV KIV, etc.

19d 1h

2014 APR

1376

Table with columns: ID, Name, Time, Date, Location, Status, and various performance metrics. Includes entries like TIGA Trifon, GS4A Lake Saint Pet, KLNRR Kalingrad, etc.

Table with columns: ID, Name, Time, Date, Location, Status, and various performance metrics. Includes entries like K55A Perry, ROC1 Ossa, R55A Marlinton, etc.

Table with columns: ID, Name, Time, Date, Location, Status, and various performance metrics. Includes entries like X57A Johnson Farm, J57A Williamstown, I57A Carthage, etc.

D59A	Saint-Raymond	123.23	37	P	PKPdf	01 22 56.4	-1.0
RGN	Rugen	123.24	334	IAMS_20	IAMS_20	02 19 10.2	
K59A	Coopersax	123.26	42	P	PKPdf	01 22 56.9	-0.8
DEV	Deva	123.26	322	PP	PKIKP	01 22 58.1	+0.4
DEV	Deva	123.26	322	PP	PKIKPbc	01 32 48.2	-0.7
DEV	Deva	123.26	322	PP	PKIKP	01 22 58.1	+0.4
PLVB	Pleven	123.29	318	PP	PKIKP	01 22 57.9	+0.1
MVL	Millersville	123.31	46	IAMS_20	IAMS_20	02 14 00.4	
O59A	Robesonia	123.31	46	P	PKPdf	01 22 57.1	-0.7
V59A	Middlesex	123.31	51	P	PKPdf	01 22 57.4	-0.4
G59A	Clarenceville	123.33	39	P	PKPdf	01 22 56.4	-1.2
W59A	Clinton	123.33	52	P	PKIKP	01 22 58.1	-0.1
M59A	Waymart	123.36	44	P	PKPdf	01 22 57.1	-0.7
L59A	Walton	123.37	43	P	PKPdf	01 22 57.0	-0.9
N59A	State Game Lan	123.37	45	P	PKPdf	01 22 57.2	-0.7
N59A	State Game Lan	123.37	45	IAMS_20	IAMS_20	02 18 09.9	
X59A	McDuffie Farm,	123.38	53	P	PKIKP	01 22 58.8	+0.6
061Z	Ochopok	123.38	63	IAMS_20	IAMS_20	02 11 52.0	
R59A	King George, V	123.39	48	P	PKPdf	01 22 57.5	-0.4
P59A	Jarrettsville	123.39	46	P	PKPdf	01 22 57.2	-0.7
S59A	Mechanicsville	123.40	49	P	PKPdf	01 22 56.9	-1.1
RTVC	Cerro Valdivia	123.45	135	eP	PKIKP	01 22 58.5	-0.1
T59A	Double "B" Far	123.47	50	P	PKPdf	01 22 57.4	-0.7
I59A	Olmsteadville	123.47	41	P	PKPdf	01 22 57.2	-0.8
U59A	Littleton	123.48	51	P	PKIKP	01 22 58.6	+0.2
U59A	Littleton	123.48	51	IAMS_20	IAMS_20	02 14 15.4	
NRS	Narsarsuaq	123.48	12	iP	PKPdf	01 22 56.9	-0.5
NRS	Narsarsuaq	123.48	12	iPKIKP	pmx	01 22 56.9	-0.5
Q59A	Harwood	123.50	47	P	PKIKP	01 22 58.8	+0.4
GZR	Gura Zlata	123.57	321	PP	PKIKP	01 22 59.0	+0.6
GZR	Gura Zlata	123.57	321	PP	PKIKPbc	01 22 59.0	+0.6
LANS	Liptovska Anna	123.57	327	PKIKP	PKIKP	01 23 00.3	+2.0
LANS	Liptovska Anna	123.57	327	ePKP	PKIKP	01 23 00.3	+2.0
060A	Indiantown	123.66	62	IAMS_20	IAMS_20	02 11 55.3	
F60A	Warwick	123.67	38	P	PKPdf	01 22 57.4	-0.8
CNNC	Cliffs of the	123.74	52	P	PKIKP	01 22 59.0	+0.1
E60A	Ste Agathe de	123.78	37	P	PKPdf	01 22 57.8	-0.6
D60A	Saint Jean D'O	123.82	36	P	PKPdf	01 22 57.1	-1.3
I60A	Shoreham	123.82	41	P	PKPdf	01 22 57.9	-0.6
BAIL	Baileisti	123.84	320	PP	PKIKP	01 22 59.8	+0.9
G60A	Masonville	123.85	39	P	PKPdf	01 22 58.1	-0.5
N60A	Cedar Hill Fat	123.86	45	P	PKPdf	01 22 57.8	-1.0
O60A	Telford	123.86	45	P	PKPdf	01 22 58.2	-0.5
X60A	Albert Glenn T	123.87	53	P	PKPdf	01 22 58.3	-0.6
H60A	Morristown	123.88	40	P	PKPdf	01 22 57.3	-1.4
P60A	Greenville	123.89	46	P	PKPdf	01 22 57.4	-1.4
OKC	Ostrava-Krasne	123.90	328	ePKP	PKIKP	01 22 59.5	+0.7
OKC	Ostrava-Krasne	123.90	328	ePKP	PKIKP	01 23 09.1	-2.1
OKC	Ostrava-Krasne	123.90	328	ePKP	PKIKP	01 24 45.5	+3.7
OKC	Ostrava-Krasne	123.90	328	ePKP	PKIKP	01 34 41.3	+6.6
OKC	Ostrava-Krasne	123.90	328	ePKP	PKIKP	01 22 59.5	+0.7
OKC	Ostrava-Krasne	123.90	328	ePKP	PKIKP	01 23 09.1	-2.1
OKC	Ostrava-Krasne	123.90	328	ePKP	PKIKP	01 24 45.5	+3.7
OKC	Ostrava-Krasne	123.90	328	ePKP	PKIKP	01 34 41.3	+6.6
S60A	Water View	123.90	49	P	PKPdf	01 22 58.3	-0.6
U60A	Pendleton	123.93	50	P	PKPdf	01 22 58.3	-0.7
W60A	Pink Hill	123.94	52	P	PKPdf	01 22 58.4	-0.7
J60A	Lant Hill Farm	124.00	41	P	PKPdf	01 22 58.2	-0.8
M60A	Port Jervis	124.00	44	P	PKPdf	01 22 58.6	-0.5
PSZ	Piszkesteto	124.01	325	PP	PKIKP	01 22 59.4	+0.2
PSZ	Piszkesteto	124.01	325	PP	PKIKPbc	01 32 44.6	+1.5
PSZ	Piszkesteto	124.01	325	PP	PKIKP	01 22 59.4	+0.2
AMOG	MOGNA	124.01	134	eP	PKIKP	01 23 00.3	+0.5
L60A	Shokan	124.01	43	P	PKPdf	01 22 58.6	-0.5
MBAR	Mbarara	124.02	265	PKIKP	PKIKP	01 23 01.2	+0.9
MBAR	Mbarara	124.02	265	PKIKP	PKIKP	01 23 01.2	+0.9
MBAR	Mbarara	124.02	265	IAMS_20	IAMS_20	02 11 30.7	
T60A	Surry	124.03	49	P	PKPdf	01 22 58.7	-0.5
T60A	Surry	124.03	49	IAMS_20	IAMS_20	02 12 49.8	
HERR	Herculane	124.03	321	PP	PKPdf	01 22 58.7	-0.3
HERR	Herculane	124.03	321	PP	PKIKPbc	01 32 46.8	+1.0
G60A	Greensboro	124.04	47	P	PKPdf	01 22 58.7	-0.4
Q60A	Greensboro	124.04	47	IAMS_20	IAMS_20	02 15 11.8	
V60A	Jim Taylor Roa	124.07	51	P	PKPdf	01 22 58.9	-0.4
PRVC	Isla de Provid	124.09	78	eP	PKIKP	01 23 01.0	+0.8
D61A	St Aubert, Com	124.10	36	P	PKPdf	01 22 57.9	-1.2
ODNJ	Ogdensburg	124.12	44	IAMS_20	IAMS_20	02 11 44.6	
ACAN	Cantantal	124.15	136	eP	PKPdf	01 22 59.5	-0.2
BZAN	Buzias	124.17	322	PP	PKPdf	01 22 59.0	-0.2
BZAS	Buzias	124.17	322	PP	PKIKPbc	01 32 44.9	-0.3
BZS	Buzias	124.17	322	PP	PKPdf	01 22 59.0	-0.2
F61A	St Evariste	124.25	37	P	PKPdf	01 22 59.0	-0.3
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 00.6	+1.0
MORC	Moravsky Berou	124.25	328	PP	PKIKPbc	01 32 45.3	+3.0
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 00.6	+1.0
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 00.7	+1.1
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 34 47.3	+3.0
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 34 45.8	+2.5
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 34 46.4	+3.1
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 00.1	+0.6
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 01.4	+0.9
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 01.7	+1.1
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 01.8	+1.2
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 01.9	+1.3
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 02.0	+1.4
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 02.1	+1.5
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 02.2	+1.6
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 02.3	+1.7
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 02.4	+1.8
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 02.5	+1.9
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 02.6	+2.0
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 02.7	+2.1
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 02.8	+2.2
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 02.9	+2.3
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 03.0	+2.4
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 03.1	+2.5
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 03.2	+2.6
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 03.3	+2.7
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 03.4	+2.8
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 03.5	+2.9
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 03.6	+3.0
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 03.7	+3.1
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 03.8	+3.2
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 03.9	+3.3
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 04.0	+3.4
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 04.1	+3.5
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 04.2	+3.6
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 04.3	+3.7
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 04.4	+3.8
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 04.5	+3.9
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 04.6	+4.0
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 04.7	+4.1
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 04.8	+4.2
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 04.9	+4.3
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 05.0	+4.4
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 05.1	+4.5
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 05.2	+4.6
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 05.3	+4.7
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 05.4	+4.8
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 05.5	+4.9
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 05.6	+5.0
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 05.7	+5.1
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 05.8	+5.2
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 05.9	+5.3
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 06.0	+5.4
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 06.1	+5.5
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 06.2	+5.6
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 06.3	+5.7
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 06.4	+5.8
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 06.5	+5.9
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 06.6	+6.0
MORC	Moravsky Berou	124.25	328	PP	PKIKP	01 23 06	

Table with columns for call sign, name, frequency, mode, and other technical details. Rows include stations like Kasperse Hory, Grand Turk, Presa de Saban, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBDV, PVLZ, PVEO, MORF, TAM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ODAN, RAMN, JIRN, GUN, PKI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB04, PB05, PB06, etc.

IDC 19 01:08:26.1±1.5, 6.81S; 155.23E, h0km, mb4.8/9, mb1 5.0/9, mb1mx4.4/9, mbtmp4.7/9, Error ellipse: s-maj=48.6km s-min=28.1km az=141.0

IDC 19 01:08:31.5±0.8, 6.9S; 0.1; 155.2E, 0.1, h41km, n30, 0.890/30, mb4.8/11, 2D, Bougainville-Solomon Islands region

IDC 19 01:20:33.4±2.1, 7.33S; 155.09E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.7/49, mbtmp3.8/5, Error ellipse: s-maj=108.9km s-min=28.8km az=131.0, Bougainville-Solomon Islands region

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

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

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

IDC 19 01:38:49.7±8.8, 16.37N; 100.61W, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.5/36, mbtmp3.3/4, ML2.9/1, Error ellipse: s-maj=145.9km s-min=137.5km az=115.0

MEX 19 01:38:59.5±0.7, 17.12N; 101.47W, h20km, MD3.4, ISC 19 01:38:59.6±1.7, 17.2N; 0.1; 101.53W; 0.10, h13km, n8, 1.167/11, mb3.4/3, Near coast of Guerrero

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for San Ignacio, Limon Verde, and others.

VAO 19 04:21:53.0, 18.48'S, 63.75'W, h10km, mb4.5
NEIC 19 04:21:00.9, 1.9, 18.87'S, 0.07:63.49'W, 0.0, h40km, 6km, mb4.755, Error ellipse: s-maj=12.2km s-min=10.5km az=69.0

IDC 19 04:22:01.5, 1.4, 18.87'S, 63.53'W, h46km, 12km, mb4.0/12, mb1.4/2/16, mb1mx4.0/37, mbtmp4.2/16, ML4.2/5, MS3.6/4, Ms1.3/6.4, ms1mx3.3/39, Error ellipse: s-maj=13.9km s-min=10.5km az=146.0

ISC 19 04:22:00.3, 0.4, 18.83'S, 0.05:63.49'W, h35km, n132, r154/122, mb4.6/27, Central Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for San Ignacio, Limon Verde, and others.

IDC 19 04:34:36.7, 999.0, 16.40'S, 71.56'W, h0km, Error ellipse: s-maj=55.1km s-min=68.6km az=88.0, Southern Peru

MEX 19 04:56:59.4, 0.4, 17.26'N, 101.40'W, h6km, 42km, MD3.8
IDC 19 04:57:16.5, 5.8, 17.89'N, 100.53'W, h147km, 53km, mb2.9/3, mb1.3/3.6, mb1mx3.0/48, mbtmp3.4/6, Error ellipse: s-maj=59.8km s-min=21.6km az=3.0

ISC 19 04:57:00.4, 0.8, 17.85'N, 0.09:115'W, 0.05, h10km, n12, r136/114, mb3.4/3, 1.7D, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for LAS PENAS INFR, VILLA FLORIDA, and others.

MEX 19 05:01:41.5, 0.5, 19.52'N, 65.34'W, h0km, mb3.9/23, mb1.4/25, mb1mx4.0/47, mbtmp3.9/25, ML2.9/2, MS3.9/3, Ms1.3/8.3, ms1mx3.3/41, Error ellipse: s-maj=13.4km s-min=11.1km az=70.0

NEIC 19 05:01:43.2, 2.0, 19.55'N, 0.05:65.34'W, 0.04, h10km, 1km, Error ellipse: s-maj=9.1km s-min=6.1km az=15.0

RSPP 19 05:01:44.4, 19.72'N, 65.29'W, h16km, 4km, MD3.8/19

ISC 19 05:01:44.9, 1.2, 19.46'N, 0.03:65.35'W, 0.03, h18km, 5km, n216, r180/178, mb4.0/29, 15C-4D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for Culebra, Puerto, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for Neumayer-Watz, Lajas Array, and others.

IDC 19 04:34:36.7, 999.0, 16.40'S, 71.56'W, h0km, Error ellipse: s-maj=55.1km s-min=68.6km az=88.0, Southern Peru

MEX 19 04:56:59.4, 0.4, 17.26'N, 101.40'W, h6km, 42km, MD3.8
IDC 19 04:57:16.5, 5.8, 17.89'N, 100.53'W, h147km, 53km, mb2.9/3, mb1.3/3.6, mb1mx3.0/48, mbtmp3.4/6, Error ellipse: s-maj=59.8km s-min=21.6km az=3.0

ISC 19 04:57:00.4, 0.8, 17.85'N, 0.09:115'W, 0.05, h10km, n12, r136/114, mb3.4/3, 1.7D, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for LAS PENAS INFR, VILLA FLORIDA, and others.

MEX 19 05:01:41.5, 0.5, 19.52'N, 65.34'W, h0km, mb3.9/23, mb1.4/25, mb1mx4.0/47, mbtmp3.9/25, ML2.9/2, MS3.9/3, Ms1.3/8.3, ms1mx3.3/41, Error ellipse: s-maj=13.4km s-min=11.1km az=70.0

NEIC 19 05:01:43.2, 2.0, 19.55'N, 0.05:65.34'W, 0.04, h10km, 1km, Error ellipse: s-maj=9.1km s-min=6.1km az=15.0

RSPP 19 05:01:44.4, 19.72'N, 65.29'W, h16km, 4km, MD3.8/19

ISC 19 05:01:44.9, 1.2, 19.46'N, 0.03:65.35'W, 0.03, h18km, 5km, n216, r180/178, mb4.0/29, 15C-4D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for Culebra, Puerto, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for Guaynabo City, Monte Pirata, and others.

IDC 19 04:34:36.7, 999.0, 16.40'S, 71.56'W, h0km, Error ellipse: s-maj=55.1km s-min=68.6km az=88.0, Southern Peru

MEX 19 04:56:59.4, 0.4, 17.26'N, 101.40'W, h6km, 42km, MD3.8
IDC 19 04:57:16.5, 5.8, 17.89'N, 100.53'W, h147km, 53km, mb2.9/3, mb1.3/3.6, mb1mx3.0/48, mbtmp3.4/6, Error ellipse: s-maj=59.8km s-min=21.6km az=3.0

ISC 19 04:57:00.4, 0.8, 17.85'N, 0.09:115'W, 0.05, h10km, n12, r136/114, mb3.4/3, 1.7D, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for LAS PENAS INFR, VILLA FLORIDA, and others.

MEX 19 05:01:41.5, 0.5, 19.52'N, 65.34'W, h0km, mb3.9/23, mb1.4/25, mb1mx4.0/47, mbtmp3.9/25, ML2.9/2, MS3.9/3, Ms1.3/8.3, ms1mx3.3/41, Error ellipse: s-maj=13.4km s-min=11.1km az=70.0

NEIC 19 05:01:43.2, 2.0, 19.55'N, 0.05:65.34'W, 0.04, h10km, 1km, Error ellipse: s-maj=9.1km s-min=6.1km az=15.0

RSPP 19 05:01:44.4, 19.72'N, 65.29'W, h16km, 4km, MD3.8/19

ISC 19 05:01:44.9, 1.2, 19.46'N, 0.03:65.35'W, 0.03, h18km, 5km, n216, r180/178, mb4.0/29, 15C-4D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for Culebra, Puerto, and others.

19d 5h

Table with columns: PTGA, X55A, U57A, T58A, S59A, V56A, KRUC, CMSC, S58A, T57A, X54A, GOGA, U56A, R58B, Q60A, V55A, W54A, TEIG, GCUF, T56A, R58A, U55A, V54A, S56A, Y52A, R57A, O61A, BLA, Q58A, T55A, P59A, U54A, P58A, O60A, S55A, Q57A, T54A, M64A, M63A, R55A, P57A, O59A, O58A, Q56A, TKL, TKL, N60A, M61A, S54A, APG, CCIG, WWT, WWT, SAML, SAML, FCAR, FCAR, ATAH, WMOK, WMOK, SCHO, LPAZ, LPAZ, ECSD, TXAR, T25A, BDFB, BDFB, ULM, ULM, PB11, SDCO, SDCO, PB08, PB08, PB01, PV03, PV03, PDAR, CPUP, TPV11, NV11, NVAR, NEW, NEW, L04D, YBH, YBH, YKA, ESDC, DBIC

2014 APR

Table with columns: INK, INK, TORD, NOA, GERES, ILAR, FINES, BRTR, ASAR

DJA 19 05:17:47.04,0.7,9'S;7.11°10'E, h10km, M4, 1/10, MLV4, 1/10, MLV2/4

19 05:17:52.42,2.3,8'49S;110:85E, h60km, 28km, mb3.4/3, mb1.3/7.6, mb1mx3.4/6, mbtmp3.8/6, ML3.4/3, Error ellipse: s-maj=46.5km s-min=14.7km az=30.0

ISC 19 05:17:46.71, 1.1, 9'11S;10:07.11041E, h0.05, h10km, n15, r180/19, mb3.7/3, South of Jawa

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

IDC 19 05:18:02.9,5.1, 10'36S;161.46E, h132km, 30km, mb3.5/5, mb1.3/8.5, mb1mx3.4/3, mbtmp3.9/5, Error ellipse: s-maj=63.5km s-min=32.4km az=150.0

ISC 19 05:17:57.9,1.4, 10.7S;02:161.8E, h0.02, h100km, n6, r188/7, mb3.8/5, Bougainville-Solomon Islands region

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

IDC 19 05:19:02.8,1.5, 19'28S;171.18W, h0km, mb4.0/2, mb1.3/9.5, mb1mx3.6/3, mbtmp3.9/5, ML3.3/3, Error ellipse: s-maj=31.7km s-min=24.7km az=99.0

GUC 19 05:19:06.6,0.8, 19'72S;71.16W, h40km, 4km, ML3.6

ISC 19 05:19:03.4,2.5, 19.75S;0:04.71, 14W, 0.08, h2km, 14km, n23, r091/33, 9C-2D, Off coast of northern Chile

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

1382

IDC 19 05:27:38.5, 1.6, 7'06S; 155.19E, h81km, 15km, mb3.7/9, mb1.3/9.1, mb1mx3.7/3.1, mbtmp4.0/12, MS3.1/1, Ms1.3/1.1, ms1mx2.7/3.1, Error ellipse: s-maj=18.9km s-min=11.7km az=28.0

ISC 19 05:27:35.1, 0.6, 6.98S;0:08.15521E, 0:07, h41km, n33, r200/34, mb4.2/15, Bougainville-Solomon Islands region

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

HNR Honiara 1.9m, 0.3s, baz=144, slow=19, SNR=3.0

HNR Honiara 9.1m, 0.3s, baz=213, slow=17, SNR=1.6

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

HNR Honiara 9.9m, 0.3s, baz=338, slow=19, SNR=1.4

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TGUH Tegucigalpa, UN, LFRS El Faro, LBRB Las Brisas, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Q54A Coxs Mills, P53A Whipple, Q56A Snyder Ridge, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like IDC 19 06:26:06.3, 0.8, 63.49N, 144.95W, h0km, mb3.5, 5/8, etc.

Table with 4 columns: Station Name, Azimuth, Phase, and Time Res. Includes stations like MKAR, ESCD, and MEX.

MEX 19 06:52:16.4, 2.3, 17.38N, 101.13W, h14km, 9km, MD4.3
NEIC 19 06:52:19.6, 1.7, 17.6N, 0.1, 103.93W, 0.09, h39km, 6km,
Error ellipse: s-maj=18.6km s-min=6.8km az=219.0
IDC 19 06:52:21.4, 3.2, 17.73N, 100.76W, h54km, 27km, mb3.9/12,
mb1.4/0.15, mb1mx3.8/42, mbtmp4.1/15, ML3.6/3, MS3.6/8,
Yellville 19 06:52:23.6/23.6, Error ellipse: s-maj=30.7km
s-min=14.1km az=43.0

ISC 19 06:52:13.5, 1.2, 17.28N, 0.04, 101.16W, 0.03, h10km, 7km,
n212, s151/205, mb4.3/43, MS3.5/4, 1D, Near coast of

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time Res, ISC. Includes stations like ZIIG, CAIG, UON, AC2P, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time Res, ISC. Includes stations like FCAR, LRAL, WUAZ, Y12C, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time Res, ISC. Includes stations like MDPB, U54A, K22A, NV11, etc.

ATH 19 06:56:56.3, 35.92N, 27.13E, h12km, 4km, ML2.3/4, Error
ellipse: s-maj=5.0km s-min=1.2km az=147.0.

Table with 4 columns: Code, Station Name, Azimuth, Phase, ID, Time Res, ISC. Includes stations like KARP, ARG, ZKR, etc.

DDA 19 06:57:00.3, 37.26N, 26.86E, h7km, 4km, ML2.0
ISK 19 06:57:03.8, 37.09N, 27.98E, h4km, ML2.1/6, Suspected

Table with 4 columns: Code, Station Name, Azimuth, Phase, ID, Time Res, ISC. Includes stations like YER, BDRM, DAT, etc.

TAVA comp=E,14nm,0.9s IAML 06 58 18.0
AYDB Zeytinok-Aydi 0.86 355 PG Pb 06 57 21.2 -0.2
FETY Fethiye 1.00 117 i P Pn 06 57 28.5 +4.0

NEIC 19 07:07:00.0,3,0.24:0S:0.1:179:91W:0:09,h572km,12km,
mb4,7/13,Error ellipse: s-maj=18.6km s-min=11.2km
az=180.0

IDC 19 07:08:01.0:32.5,0.23:61S:179:42E,h67km,329km,
mb2.9/4,mb1 3.2/4,mb1mx2.9/32,mbtmp4,0/4,Error
ellipse: s-maj=276.9km s-min=6.7km az=145.0

ISC 19 07:07:48.6-0.7,24:1S:179:8W:0:1,h550km,n22,
s1566/22,mb4.3/7,2C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include MSVF, NIUE, DZM, FUNA, ARMA, CTA, CTAO, ASAR, WRO, WB2, WBO, WRA, WAKE, KNRA, MIDW, PMSA, SYO, TXAR.

KRNET 19 07:08:25.0,0.1,41:23N:70:10E,mb2.5
NMC 19 07:08:25.2,6.2,41:11N:70:08E,h0km,mb2.7,mpv3.2
Error ellipse: s-maj=63.7km s-min=38.2km az=93.0

ISC 19 07:08:25.1+1,8,41:20N:0:05:70:16E:0:06,h7km,13km,
n12,s1975/24,11C-7D,Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include IUG, BTK, JBG, ARK, BRLS, KKK31, ARSB, AML, EKS2, ARS, ARLS, UCH, AAK, AAK.

NEIC 19 07:18:26.3,2.2,7:55S:0.1:155:68E:0:09,h53km,4km,
mb4,5/13,Error ellipse: s-maj=15.9km s-min=11.2km
az=208.0

IDC 19 07:18:30.5,2.3,7:24S:155:42E,h83km,20km,mb3.9/9,
mb1 4.0/13,mb1mx3.8/30,mbtmp4,2/13,MS3,7/12,
Ms1 3.7/12,ms1mx3.4/32,Error ellipse: s-maj=21.8km
s-min=18.6km az=129.0

ISC 19 07:18:23.8-0.5,7:44S:0:08:155:70E:0:06,h29km,n43,
s1919/37,mb4.4/16,MS3,7/8,Bougainville-Solomon
Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include HNR, HNR, HNR, HNR, RABL, KRVT, KRVT, PMG, PMG, CTA, CTAO, DZM, GUMO, WRO, WRO, WBO, WBO, WRA, WRA.

WRA comp=Z,3.7nm,0.8s,baz=58,slow=9.2,SNR=13
WRA comp=Z,0.5nm,0.9s,baz=60,slow=2.8,SNR=1.6
ASAR Alice Springs 26.41 200 P P 07 23 35.9

ASAR comp=Z,0.9nm,0.8s,baz=64,slow=8.9,SNR=8.2
ASAR comp=Z,0.2nm,0.7s,baz=49,slow=1.7,SNR=2.5
ASAR comp=Z,0.302mm,18.8s,baz=154,slow=35

H11S3 WAKE ISLAND Hy 27.95 23 T T 07 52 24.9
H11S2 WAKE ISLAND Hy 27.96 23 T T 07 52 39.0
H11S1 WAKE ISLAND Hy 27.97 23 T T 07 52 54.4

H11N1 WAKE ISLAND Hy 29.14 22 T T 07 54 22.3
H11N3 WAKE ISLAND Hy 29.15 22 T T 07 54 26.2
H11N2 WAKE ISLAND Hy 29.16 22 T T 07 54 25.5

FINZ Fitzroy Crossi 31.12 247 P P 07 24 39.8 -0.4
RAR Rarotonga 45.10 113 LR LR 07 45 39.6
PETK Petropavlovsk 60.33 1 LR P 07 28 29.6 -0.3

PETK comp=Z,5.2nm,0.9s,baz=116,slow=3.4,SNR=6.7
CM31 Chiang Mai Arr 61.60 296 P Iamb Iamb 07 28 39.5 +0.2
CMAR Chiang Mai Arr 61.60 296 P P 07 28 38.1 -1.1

CHTO Chiang Mai 61.72 296 P P 07 28 40.4 +0.4
UNLV Nonaka Valley 68.85 341 LR LR 07 28 32.2 +0.7
SONM Songino Array 70.08 327 P P 07 29 32.7 -0.8

BILL Bilibino 75.67 4 Iamb Iamb 07 30 05.7 -0.3
BILL comp=Z,9.3nm,1.1s Op ISC 07 30 08.0
MLY Manley 82.32 20 P P 07 30 43.4 +0.8

MLY comp=Z,2.9nm,1.0s Op ISC 07 30 45.1
IL31 83.53 21 P Iamb Iamb 07 30 48.3 -0.3
IL31 comp=Z,5.7nm,1.4s Op ISC 07 30 48.6

ILAR Eielson Array 83.53 21 P P 07 30 48.0 -0.8
ILAR comp=Z,0.7nm,0.4s,baz=250,slow=5.0,SNR=12
MKAR Makanchi Array 84.19 319 P P 07 30 51.3 -1.3

MAKZ Makanchi 84.40 319 P Iamb Iamb 07 30 51.5 -2.2
ZALV Zalesovo Beam 84.93 326 P P 07 30 54.3 -1.8
EPYK Eagle Plains 86.01 22 P P 07 31 12.1 +1.1

NR1K Norak 88.35 341 LR LR 08 11 51.1
YKA Yellowknife Arr 96.40 28 P P 07 31 49.1 -0.7
PDAR Pineda Array 98.47 48 LR LR 08 10 06.2

BDFB Brasilia 147.18 134 PKPbc PKPbc 07 38 05.7 +0.2
BDFB Brasilia 147.18 134 PKPab PKPab 07 38 06.7 -0.3
TORD Tornei Arr 153.81 285 PKPbc PKPbc 07 38 20.5 -0.9

TORD comp=Z,0.3nm,0.4s,baz=80,slow=1.0,SNR=3.8
NEIC 19 07:42:36.5,2.2,56:27N:0:05:156:41W:0:07,h32km,7km,
Error ellipse: s-maj=8.4km s-min=4.0km az=149.0

AEIC 19 07:42:37.6,2.2,56:28N:0:06:156:46W:0:07,h35km,7km,
ML3.3/42,mb3.6/3(NEIC),Error ellipse: s-maj=9.0km
s-min=4.7km az=154.0

IDC 19 07:42:39.7,4.9,56:68N:156:40W,h53km,40km,mb3.4/5,
mb1 3.7/8,mb1mx3.3/56,mbtmp3.6/8,ML3.4/3,Error
ellipse: s-maj=38.9km s-min=33.2km az=159.0

ISC 19 07:42:34.2,3.5,56:32N:0:07:156:40W:0:05,
h10km,24km,n80,s1919/85,mb3.8/6,Alaska Peninsula

CHGN Chignik 1.12 270 Op ISC 07 42 55.2 -0.5
CHGN 07 43 08.8 -1.4
PLK3 Peulik 3 1.38 3 Sn 07 43 00.3 +0.9

PLK3 07 43 17.8 -0.1
VNNF Veniaminof 3 1.65 20 Sn 07 43 09.3 +0.9
VNGF Fog Glacier, M 1.76 270 Pn 07 43 05.8 +1.0

OHAK Old Harbor 1.94 61 Pn 07 43 08.0 +0.9
OHAK 07 43 30.8 -0.6
KABU Katmai Buttes 2.05 17 Sn 07 43 36.3 +2.0

KELA Mount Kelaz 2.16 9 Pn 07 43 10.7 +0.5
CNBA Chernabura Isl 2.35 232 Pn 07 43 11.9 +0.9
SDPT Sand Point 2.50 249 Pn 07 43 14.8 0.0

KDAK Kodiak Island 2.55 43 Pn 07 43 16.4 +0.9
KDAK 5.4nm,0.3s,baz=188,slow=5.6,SNR=13
KDAK 13nm,0.3s,baz=46,slow=20,SNR=10

KDAK Kodiak Island 2.55 53 Pn 07 43 16.3 +0.8
DTJ Dutton Round H 3.54 252 Pn 07 43 28.9 -0.2
HOM Home 4.20 36 Pn 07 43 38.9 +0.3

PRP Porcupine Dome 10.62 25 Pn Pn 07 45 04.5 -1.8
EGAK Eagle 11.29 35 Pn Pn 07 45 15.2 -0.1

DAWY Dawson 11.45 40 Pn Pn 07 45 17.4 -0.1
WHY Fort Yukon 11.56 23 Pn Pn 07 45 20.4 +1.5
FHY Whitehorse 12.04 60 Pn Pn 07 45 26.9 +1.2

INK Inuvik 15.90 32 P P 07 46 17.6 -0.1
INK 0.2nm,0.3s,baz=238,slow=16,SNR=6.3
INK 15.90 32 Iamb Iamb 07 46 23.4

C36M Paulatuk 19.36 35 P Iamb Iamb 07 46 58.0 -1.5
C36M comp=Z,2.5nm,1.1s Op ISC 07 47 24.9 -1.3

YKA Yellowknife Arr 21.82 56 P P 07 47 52.2 +1.7
NVAR Mina Array 30.85 109 P P 07 48 29.9 +1.7
PDAR Pineda Array 32.60 94 P P 07 49 06.4 +0.6

TXAR comp=Z,0.7nm,0.6s,baz=316,slow=9.0,SNR=7.0
TXAR comp=Z,0.7nm,0.6s,baz=310,slow=5.1,SNR=10
TXAR comp=Z,0.7nm,0.7s,baz=307,slow=5.5,SNR=30.7

SCHO Schefferville 47.17 52 P P 07 51 04.5 -1.9
SCHO Schefferville 47.17 52 P Iamb Iamb 07 51 04.3 -2.0
PPT Papeete 73.82 173 P P 07 54 10.3 +1.7

MOS 19 07:45:14.7,1.3,44:70N:149:99E,h50km,mb4.1/5,Error
ellipse: s-maj=11.2km s-min=9.5km az=73.4
SKHL 19 07:45:15.0,0.5,44:52N:150:14E,h66km,4km,mb3.8/1

IDC 19 07:45:18.3,3.3,44:67N:149:97E,h64km,29km,mb3.4/13,
mb1 3.6/15,mb1mx3.4/45,mbtmp3.6/15,ML2.8/2,Error
ellipse: s-maj=23.7km s-min=17.8km az=141.0

ISC 19 07:45:14.8-0.7,44:62N:108:50E:0:06,h34km,n50,
s1959/53,mb3.7/17,East of Kuril Islands

KUR Kuril'sk 1.65 292 Op ISC 07 45 42.1 +0.7
KUR 62nm,0.6s Op ISC 07 46 03.7 -1.4
KUR 270nm,0.3s Op ISC 07 46 08.5

KUR 110nm,0.3s Op ISC 07 45 41.4 0.0
KUR Kuril'sk 1.65 292 ePn Pn 07 46 00.4 -1.0
KUR comp=Z,4.1nm,0.1s Op ISC 07 46 00.4 -1.0

KUR comp=N,58nm,0.2s Op ISC 07 46 00.4 -1.0
YUK Yuzh-Kuril'sk 3.05 260 eS Sn 07 46 35.0 -0.8

GRPR Tuman 3.12 260 eS Sn 07 46 31.8 +0.3
GRPR 07 46 37.0 -0.6
GRPR comp=E,46nm,0.2s Op ISC 07 46 39.0

GRPR comp=E,81nm,0.2s Op ISC 07 46 01.3 -0.2
GRPR Tuman 3.12 260 ePn Sn 07 46 37.8 +0.2
GRPR comp=N,46nm,0.1s Op ISC 07 46 37.8 +0.2

GRPR comp=E,81nm,0.2s Op ISC 07 46 01.3 -0.2
NMR Nemuro-Hokkai 3.35 250 eS Sn 07 46 04.4 -0.2

NMR 07 46 41.8 -1.4
NMR Nemuro-Hokkai 3.35 250 ePn Pn 07 46 04.2 -0.4
NMR 07 46 40.8 -2.4

RUSJ Misakicho 3.47 263 ePn Sn 07 46 08.7 +2.4
RUSJ 07 46 49.2 +3.0
JKA Kamikawa-asahi 5.35 267 eP Pn 07 46 35.3 +3.1

ASAJ Asahikawa 5.35 267 Pn 07 46 35.3 +3.1
MYR Moyori 5.44 247 eP Sn 07 46 34.3 +1.0

MYR 07 47 33.0 -1.7
ERM Erimo 5.65 245 eP Pn 07 46 38.4 +2.1
ERM Erimo 5.65 245 i Pn Pn 07 46 38.4 +2.1

PETK Petropavlovsk 9.87 28 Pn 07 47 36.5 +2.3
KLR comp=Z,0.1nm,0.3s,baz=210,slow=14,SNR=1.8
KLR 13.31 297 eP Pn 07 48 22.8 +1.7

KLR Kul'dur 13.31 297 i Pn Pn 07 48 22.8 +1.7
SEY Seymchan 18.40 3 eP P 07 48 25.8 -0.8

SEY Seymchan 18.40 3 i P P 07 48 25.9 -0.8
YAK Yakutsk 21.09 333 P P 07 49 56.0 +0.2
YAK Yakutsk 21.09 333 i P P 07 49 56.1 +0.2

YAK comp=Z,6.0nm,0.8s Op ISC 07 50 31.2 -3.5
BILL Billibino 24.97 14 i P P 07 50 31.2 -3.5
H11N2 WAKE ISLAND Hy 28.52 145 T T 08 22 06.8

az=115.0
JMA 19 08:09:10.1 0.1, 38.12N, 141.79E, h85km, 1km, M3.9
JMA Feil J1

ISC 19 08:09:08.4 0.9, 38.10N, 0.05:141.93E, 0.08, h84km, 7km,
n49, c130/62, mb4.0/11, Near east coast of eastern

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

DC 19 08:23:08.1 0.1, 7.21S, 155.52E, h0km, mb4.1/11,
mb1.4/3.13, mb1mx4.0/47, mbtmp4.1/13, ML3.9/1, MS3.4/4,
Ms1.3/4.4, ms1mx2.9/38, Error ellipse: s-maj=29.6km

s-min=18.0km az=115.0
NEIC 19 08:23:17.0 1.5, 7.25S, 0.10:155.47E, 0.09, h58km, 7km,
mb4.5/17, Error ellipse: s-maj=15.0km s-min=10.7km

az=215.0
ISC 19 08:23:16.3 0.5, 7.19S, 0.08:155.39E, 0.07, h50km, n47,
c110/42, mb4.3/20.2, Bougainville-Solomon Islands

region

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

Table with columns: MA2, MA2, SOMN, SEY, ANM, PPLA, SML, SML, TRF, TRF, RND, RND, MCK, MCK, NEA, NEA, CCB, ILAR, MKAR, TOLK, TOLK, EPYK, NVAR, SYO, SYO, C36M, C36M, YKA, BDFB, BDFB, TORO, TORO. Lists seismic stations and their recorded data.

DC 19 08:26:09.8 1.4, 6.21N, 144.58W, h0km, mb3.0/1,
mb1.3/3.4, mb1mx3.1/61, mbtmp3.0/4, ML2.8/3, Error
ellipse: s-maj=16.9km s-min=12.2km az=38.0

AEIC 19 08:26:12.6 2.5, 6.31N, 10.03:144.41W, 0.07, h9km, 5km,
ML2.9/70, Error ellipse: s-maj=5.3km s-min=4.1km

az=213.0
NEIC 19 08:26:12.1 2.2, 6.31N, 10.01:144.39W, 0.04, h1km, 6km,
Error ellipse: s-maj=3.3km s-min=0.8km az=51.0

ISC 19 08:26:11.9 1.1, 6.31N, 10.03:144.39W, 0.02, h9km, 6km,
n77, c159/86, Central Alaska

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

0.1nm, 0.5s, baz=311, slow=5.8, SNR=1.3

NDI 19 08:29:10.8 1.6, 34.60N, 75.60E, h10km, ML4.0,
mb4.1(NEIC)

DC 19 08:29:14.9 0.8, 33.96N, 76.10E, h0km, mb3.9/15,
mb1.4/0.20, mb1mx3.8/55, mbtmp3.9/20, ML3.8/5, MS3.3/8,
Ms1.3/3.8, ms1mx2.9/59, Error ellipse: s-maj=22.5km

s-min=14.19km az=40.0
NNC 19 08:29:19.9 5.7, 34.04N, 75.10E, h0km, mb4.5, mpv4.4,
Error ellipse: s-maj=83.6km s-min=39.9km az=104.0

NEIC 19 08:29:20.3 2.2, 34.10N, 0.08:76.24E, 0.09, h34km, 6km,
mb4.1/8, Error ellipse: s-maj=11.9km s-min=9.8km

az=155.0
BUI 19 08:29:31.9 0.0, 34.87N, 76.40E, h78km, mb4.6/5,
mb4.4/8, Ms3.7/4, Ms7.3/5/3

ISC 19 08:29:16.5 0.4, 33.94N, 0.04:75.99E, 0.04, h10km, n82,
c214/84, mb4.0/15, MS3.4/5, 7C, Eastern Kashmir

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

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like SONMG Sogingo Array, AKH Akhalkalaki, PALK Palkele, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like JKB Kayabe, JKB Kaybe, JKB Nango, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like SPBG Spurr Blockage, DUA Denali Highway, DSH Susitna One, etc.

NIED 19 08:31:00.45:50N,150:90E,h38km,Mw3.9 Best double couple: Mb1.7000x10^14 NP1.2x29.00000, 882.00000, lambda=119.00000, NP2.2x126.00000, 829.00000, lambda=16.00000.

SKHL 19 08:31:38.9:0.9,45:28N,150:97E,h55km,5km,mb4.5/4 JMA 19 08:31:39.1:0.7,45:51N,150:87E,h30km,M4.3 MOS 19 08:31:40.6:1.3,45:46N,150:65E,h59km,mb4.5/1, Error ellipse: s-maj=16.1km s-min=10.2km az=145.1

ISC 19 08:31:39.4:0.8,45:22N,150:99E,0.07,h42km,n60, i=197/70,mb3.7/1.2,MS4.1/3,Kuril Islands

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR 120nm,0.4s, KUR 890nm,0.4s, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like KUR Kurchatov, KUR Kurchatov, KUR Kurchatov, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like KUR Kurchatov, KUR Kurchatov, KUR Kurchatov, etc.

ISC 19 08:49:01.0:0.5,67:83N,162:55W,h0km,mb4.2/37, mb1.4/340,mb1mx4.3/62,mbtmp4.2/40,ML4.4/3,MS3.9/30, Ms1 3.9/30,ms1mx3.8/48, Error ellipse: s-maj=13.8km s-min=8.9km az=14.0

AEIC 19 08:49:01.2:0.6,67:68N,162:48W,0.10,h18km,3km, ML4.7/52,mb4.6/135(N/EIC), Error ellipse: s-maj=6.9km s-min=4.6km az=211.0

MOS 19 08:49:01.3:1.0,67:71N,162:41W,h21km,mb4.7/44, MS4.0/5, Error ellipse: s-maj=13.4km s-min=6.2km az=108.5

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like GRPR Tuman, GRPR Tuman, GRPR Tuman, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like RDOG Red Dog Mine, ANM Nome, IM03, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like RDOG Red Dog Mine, ANM Nome, IM03, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like DAG, N02D, SPITS, MCKENZIE, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like TPNV, MSU, MSU, G16A, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like N35A, SCIA, X18A, D50A, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CHNS, TPUB, WJS, WTP, WHP, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KNNM, LYJJ, XPPS, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like BWN, PRP, NEA, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like San Pedro Mart, San Felipe, Sierra Juarez, etc.

Table with columns: SFTF, Sexfontaines, Time, Res. Includes stations like 2.02 354 ePn, 2.02 354 ePg, etc.

Table with columns: TX32, Lajitas Array, 22.59 322 P, P, 10 36 50.6 +1.7. Includes stations like Perchaven, San, etc.

IDC 19 10:29:37.8;1.7, 14.88S;166.31E, h0km, mb4.1/5, mb1.4/3.7, mb1mx3.9/48, mbrtp4.0/7, ML3.9/2, MS2.9/1, Ms1.2.9/1, ms1mx2.4/38, Error ellipse: s-maj=38.8km s-min=28.6km az=105.0

NEIC 19 10:29:39.1;2.5, 14.9S;0.1;166.2E;0.2, h7km, 5km, mb4.6/8, Error ellipse: s-maj=30.5km s-min=17.0km az=82.0

ISC 19 10:29:43.1;1.1, 14.88S;0.09x166.2E;0.2, h35km, n18, e059719, mb4.9/19, 1C, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Mont Dzumac, Honiara, Charters Tower, etc.

GEN 19 10:29:51.5, 44.48N;6.69E, h8km, 1km, M10.9, LDG 19 10:29:51.9;0.1, 44.51N;6.71E, h2km, M1.8/1, M1.6/2, Error ellipse: s-maj=1.3km s-min=0.8km az=52.0

France

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Montbardon, PZZ Stroppo, Rocca Remolon, etc.

INET 19 10:31:49.9, 12.01N;87.83W, h20km, ML3.8, SNET 19 10:31:50.0;1.0, 12.12N;87.84W, h14km, 5km, ML3.2, UCR 19 10:31:51.7;1.9, 12.15N;87.81W, h28km, 9km, ML3.2, mb4.3(NEIC)

NEIC 19 10:31:54.0;1.6, 12.28N;0.07;87.66W;0.04, h52km, 13km, mb4.9/11, Error ellipse: s-maj=9.9km s-min=5.9km az=187.0

IDC 19 10:32:02.4;8.0, 12.84N;87.45W, h110km, 52km, mb3.3/6, mb1.3/7.6, mb1mx3.3/43, mbrtp3.7/6, MS3.6/1, Ms1.3/6/1, ms1mx2.5/30, Error ellipse: s-maj=78.4km s-min=71.5km az=6.0

ISC 19 10:35:09.1, 2.12N;160.05;87.79W;0.04, h32km, 3km, n63, e159/75, mb4.2/13, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Cosiguina Volc, San Cristobal, Copaltepe, etc.

IDC 19 10:33:16.2;1.1, 24.29S;115.51W, h0km, mb3.9/7, mb1.4/3.7, mb1mx3.9/46, mbrtp3.9/7, MS3.8/12, Ms3.8/12, ms1mx3.6/28, Error ellipse: s-maj=45.0km s-min=24.6km az=47.0

ISC 19 10:33:17.6;1.2, 24.3S;0.3;115.5W;0.3, h10km, n30, e097/13, mb4.0/7, MS3.8/14, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like RPN Rapa Nui, TAOE Nuku Hiva, TBI Tubuai, PPT Papeete, etc.

STR 19 10:29:43.7;0.9, 46.7N;3.3;1, h0km, 5km, MLv2.1/6, smi:scs/0.6/LOC SAT earthModelID, smi:scs/0.6/alpes_tap-2.11 preliminary

LDG 19 10:29:44.0;1.1, 46.20N;3.36E, h6km, M2.7/2, M12.7/22, Error ellipse: s-maj=1.6km s-min=1.3km az=57.0

France

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Corcelles, Saint Maurice, La Chapelle, Grand Maison, etc.

FAGO Alcaldia de S 1.55 349 ePn Pn 10 32 17.9 +1.5

FAGO Alcaldia de S 1.55 349 eS Sn 10 32 17.9 +1.5

FAGO Alcaldia de S 1.55 349 eS Sn 10 32 37.9 +2.5

UESV Universidad de 1.76 326 eS Sn 10 32 20.0 +0.8

UESV Universidad de 1.76 326 eS Sn 10 32 43.5 +3.0

COEB Comit de Eme 1.51 331 ePn Pn 10 32 16.7 +0.8

COEB Comit de Eme 1.51 331 eS Sn 10 32 37.5 +0.3

FAGO Alcaldia de S 1.55 349 ePn Pn 10 32 17.9 +1.5

FAGO Alcaldia de S 1.55 349 eS Sn 10 32 17.9 +1.5

FAGO Alcaldia de S 1.55 349 eS Sn 10 32 37.9 +2.5

UESV Universidad de 1.76 326 eS Sn 10 32 20.0 +0.8

UESV Universidad de 1.76 326 eS Sn 10 32 43.5 +3.0

COEB Comit de Eme 1.51 331 ePn Pn 10 32 16.7 +0.8

COEB Comit de Eme 1.51 331 eS Sn 10 32 37.5 +0.3

FAGO Alcaldia de S 1.55 349 ePn Pn 10 32 17.9 +1.5

FAGO Alcaldia de S 1.55 349 eS Sn 10 32 17.9 +1.5

FAGO Alcaldia de S 1.55 349 eS Sn 10 32 37.9 +2.5

UESV Universidad de 1.76 326 eS Sn 10 32 20.0 +0.8

UESV Universidad de 1.76 326 eS Sn 10 32 43.5 +3.0

IDC 19 10:34:09.7;14.0, 26.05S;29.17E, h0km, Error ellipse: s-maj=83.6km s-min=82.0km az=55.0, South Africa

BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

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BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

BOSA Boshof 4.32 233 Pg P 10 35 28.9 +2.3

19d 10h

Table with columns: Code, Station Name, Az, El, P, S, G, A, M, L, I, S, IAML, Time, Res. Includes stations like ZKR Zakros, NPS Neapolis, ARG Arkhangelos, etc.

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Table with columns: Code, Station Name, Az, El, P, S, G, A, M, L, I, S, IAML, Time, Res. Includes stations like KK31 Karatay Array, MKAR Makanchi Array, WMQ Urumqi, etc.

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Table with columns: Code, Station Name, Az, El, P, S, G, A, M, L, I, S, IAML, Time, Res. Includes stations like KSCO Kaye Shedlock, KSCO Shedlock, MSTX Muleshoe, etc.

Table with columns: PDAR, Pinedale Array, 11.49 308 Pn, Pn, 10 45 55.1 +0.1, 0.2nm, 0.3s, baz=122, slow=14, SNR=5.1

NEIC 19 10:53:14.2, 1.4, 5.4N; 0.1, 94.17E; 0.10, h35km, 2km, mb4.5/1.1, Error ellipse: s-maj=20.0km s-min=14.9km

IDC 19 10:53:19.1, 4.8, 5.56N, 94.50E, h75km, 41km, mb3.5/1.0, mb1.3/6.11, mb1mx3.3/6.4, mbtmp3.5/7.1, Error ellipse: s-maj=61.0km s-min=17.8km, az=56.0

ISC 19 10:53:15.5, 0.7, 5.49N, 0.08, 94.26E; 0.08, h46km, n33, c148/36, mb3.8/1.5, 1.4C, Northern Sumatara

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

IDC 19 10:55:45.1, 1.4, 13.87N; 147.31E, h0km, mb3.5/5, mb1.3/7.6, mb1mx3.4/5.7, mbtmp3.5/6, ML3.7/1, Error ellipse: s-maj=37.3km s-min=24.7km, az=147.0

ISC 19 10:55:50.3, 1.2, 13.8N, 0.2, 147.3E; 0.1, h35km, n6, c070/7, mb3.7/5, South of Mariana Islands

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

Table with columns: KURBB Kurchatov Arra, 65.99 319 P, P, 11 06 32.9 -0.3, 0.3nm, 0.4s, baz=93, slow=8.1, SNR=5.8

IDC 19 10:56:45.0, 2.7, 0, 67.86N; 162.73W, h0km, mb2.9/3, mb1.3/5.4, mb1mx3.1/7.2, mbtmp3.1/4, ML3.3/1, Error ellipse: s-maj=56.2, s-min=78.6km, az=132.0

AEIC 19 10:56:47.4, 1.9, 67.81N; 0.08, 162.4W; 0.2, h25km, 9km, ML2.9/26, Error ellipse: s-maj=14.6km s-min=5.0km, az=142.0

ISC 19 10:56:47.0, 0.9, 67.79N; 0.07, 162.21W; 0.06, h10km, n36, c1547/43, Northern Alaska

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

IDC 19 10:57:18.1, 2.7, 6.70S; 154.86E, h0km, mb3.4/2, mb1.3/7.3, mb1mx3.3/4.3, mbtmp3.5/3, ML3.5/1, Error ellipse: s-maj=52.3km s-min=25.6km, az=58.0

Bougainville-Solomon Islands region

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

IASPEI 19 11:02:23.9, 0.8, 24.44N; 0.01, 121.43E; 0.02, h5km, 5km, mb3.3/4, Error ellipse: s-maj=2.4km s-min=1.6km, az=112.8, 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, <Seism. Res. Let.>, <0>80, 465-472, 2009

JMA 19 11:02:23.6, 0.2, 24.43N; 121.36E, h1km, M3.4, TAP 19 11:02:23.8, 24.44N; 121.42E, h6km, ML3.8, B

IDC 19 11:02:24.3, 1.5, 24.00N; 120.16E, h0km, mb3.3/4, mb1.3/5.5, mb1mx3.3/5.2, mbtmp3.3/5, ML3.3/1, MS3.3/1, Ms1.3/3.1, ms1mx2.3/2.6, Error ellipse: s-maj=87.5km s-min=24.5km, az=80.0

ISC 19 11:02:23.8, 0.8, 24.44N; 0.01, 121.43E; 0.01, h5km, 4km, n127, c099/219, mb3.3/4, 27C-1D, Taiwan

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

Table with columns: WHF, Wulai, 0.34 12, 11P, Pg, 11 02 35.7 +1.0, baz=206

19d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like YM03, TYC, ANP, etc.

2014 APR

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IRIF, EAST, MATB, etc.

1394

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like PMR, SML, PAX, etc.

1401

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BKZ Black Stump Fm, BHZ Black Hill Sta, SNZG Shannon Statio, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like HHC comp=Z,66nm,6.1s, ADK Adak, ADK Adak, etc.

19d 13h

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

19d 13h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HEC Hektor, Ludlow and SYOC Syowa Base.

2014 APR

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like S51A Beattyville and N51A Ashland.

1402

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like W57A Gilead and E57A Chemin Saint G.

19d 13h

Table with columns for station ID, name, time, and status. Includes stations like CTAO Charters Tower, DZM Mont Dzumac, and H11N1 WAKE ISLAND Hy 28.75.

2014 APR

Table with columns for station ID, name, time, and status. Includes stations like H11N2 Canberra, CMB Canberba, and H11N1 WAKE ISLAND Hy 28.75.

1404

Table with columns for station ID, name, time, and status. Includes stations like PSA22 Pilbara Seismi, PSAB3 Pilbara Seismi, and PSA00 Pilbara Seismi.

TIXI	comp-Z,411nm,1.5s	80.07 352	P	P	13 40 05.8	-0.1
RDG	Red Dog Mine	80.24 15	I	Iamb	13 40 20.2	
RDG	comp-Z,730nm,0.9s		IAMS_20	IAMS_20	14 13 30.6	
PMR	comp-Z,394um,20.0s	80.53 24	P	P	13 40 08.9	+0.4
PMR	Palmer		pmax	pmax		
PMR	comp-Z,627nm,0.8s	80.53 24	P	P	13 40 08.9	+0.4
PMR	Palmer		Iamb	Iamb	13 40 18.1	
PMR	comp-Z,627nm,0.8s		IAMS_20	IAMS_20	14 09 51.6	
KNK	Knik Glacier	80.70 24	Iamb	Iamb	13 40 29.7	
GHO	Glory Hole Cre	80.71 24	Iamb	Iamb	13 40 21.5	
GHO	comp-Z,912nm,0.8s		IAMS_20	IAMS_20	14 10 09.4	
DGZ	Jazzator, Alta	80.91 3230	iP	P	13 40 10.7	-0.8
DGZ	comp-Z,407um,22.0s		pmax	pmax		
DGZ	comp-Z,715nm,1.0s		MLR	MLR		
SML	Sawmill	80.97 24	Iamb	Iamb	13 40 20.9	
SML	comp-Z,1um,1.0s		IAMS_20	IAMS_20	14 10 28.1	
HIN	Hinchinbrook I	80.97 25	Iamb	Iamb	13 40 22.4	
GLI	Glacier Island	80.97 25	Iamb	Iamb	13 40 22.2	
GLI	comp-Z,851nm,0.7s		IAMS_20	IAMS_20	14 12 41.4	
KLRI	Killari	81.12 289	eP	P	13 40 11.2	-1.5
KLRI	comp-Z,396nm,1.8s		Iamb	Iamb	13 40 26.5	
KLRI	comp-Z,396nm,1.8s		IAMS_20	IAMS_20	14 09 04.7	
TRF	Thorfare Moun	81.13 22	Iamb	Iamb	13 40 21.7	
FID	Port Fidalgo	81.17 25	Iamb	Iamb	13 40 26.6	
FID	comp-Z,845nm,0.9s		IAMS_20	IAMS_20	14 11 09.8	
BPW	Bear Paw Mtn.	81.26 21	Iamb	Iamb	13 40 24.1	
BHPL	Bhopal	81.31 295	iP	P	13 40 12.2	-1.4
BHPL	comp-Z,1um,1.0s		Iamb	Iamb	13 40 27.5	
BHPL	comp-Z,1um,1.0s		IAMS_20	IAMS_20	14 15 37.3	
EYAK	Cordova Ski Ar	81.37 25	Iamb	Iamb	13 40 25.7	
SCM	Sheep Creek Mo	81.38 24	Iamb	Iamb	13 40 25.6	
SCM	comp-Z,986nm,0.7s		IAMS_20	IAMS_20	14 10 52.1	
PAF	Port-aux-Franc	81.55 221	P	pmax	13 40 12.2	-2.1
PAF	comp-Z,1um,1.2s		Iamb	Iamb	13 40 23.6	
PAF	Port-aux-Franc	81.55 221	P	P	13 40 12.2	-2.1
RND	Reindeer	81.64 22	Iamb	Iamb	13 40 26.4	
ZSN	Zaisan	81.72 320	iP	P	13 40 13.9	-1.4
ZSN	comp-Z,2um,5.5s		eS	eS	13 50 22.8	-2.5
ZSN	comp-Z,112um,25.0s		eLR	LR	14 13 24.1	
ZSN	Zaisan	81.72 320	eP	P	13 40 13.8	-1.4
RAGM	Ragged Mountai	81.75 26	Iamb	Iamb	13 40 22.7	-2.5
MCK	McKinley	81.79 22	Iamb	Iamb	13 40 27.0	
HMT	Hamilton	81.91 26	Iamb	Iamb	13 40 25.5	
HMT	comp-Z,861nm,1.0s		IAMS_20	IAMS_20	14 12 37.1	
DHY	Denali Highway	82.02 23	Iamb	Iamb	13 40 30.6	
DHY	comp-Z,568nm,0.8s		IAMS_20	IAMS_20	14 11 48.3	
KAAM	Kaadhehdoo	82.11 271	P	P	13 40 21.9	+4.0
KAAM	comp-Z,482um,21.0s		SNR=13			
KAAM	Kaadhehdoo	82.11 271	P	P	13 40 21.9	+4.0
DDI	Dehra Dun	82.19 302	iP	P	13 40 18.5	+0.3
NEA	Nenana	82.21 21	Iamb	Iamb	13 40 43.0	
NEA	comp-Z,1um,1.5s		IAMS_20	IAMS_20	14 13 17.3	
WRH	Wood River Hill	82.51 21	Iamb	Iamb	13 40 31.4	
WAX	Waxell Ridge	82.58 26	Iamb	Iamb	13 40 30.8	
WAX	comp-Z,806nm,0.7s		IAMS_20	IAMS_20	14 12 03.8	
CROM	Cirque	82.60 26	Iamb	Iamb	13 40 34.3	
GLB	Gilahina Butte	82.64 25	Iamb	Iamb	13 40 32.6	
VRDI	Verde Repeater	82.69 25	Iamb	Iamb	13 40 35.2	
VRDI	comp-Z,601nm,0.8s		IAMS_20	IAMS_20	14 12 12.8	
CCB	Clear Creek Bu	82.71 21	Iamb	Iamb	13 40 31.4	
PAX	Paxson	82.71 23	Iamb	Iamb	13 40 46.7	
PAX	comp-Z,2um,2.1s		IAMS_20	IAMS_20	14 11 35.4	
MDM	Murphy Dome	82.73 21	IAMS_20	IAMS_20	14 11 32.5	
TGL	Tana Glacier	82.73 26	Iamb	Iamb	13 40 35.5	
TCOL	COLA College	82.81 21	P	P	13 40 19.4	-1.1
COLA	COLA College	82.82 21	iP	P	13 40 18.3	-2.2
COLA	comp-Z,581nm,0.8s		pmax	pmax		
COLA	COLA College	82.82 21	P	P	13 40 20.2	-0.3
MESA	MESA	82.85 27	Iamb	Iamb	13 40 34.2	
MESA	comp-Z,606nm,0.8s		IAMS_20	IAMS_20	14 11 26.3	
HDA	Harding Lake	82.89 22	P	P	13 40 20.1	-0.9
HDA	comp-Z,238nm,1.6s		SNR=16			
HDA	Harding Lake	82.89 22	Iamb	Iamb	13 40 46.7	
MCARA	McCarthy VSAT	82.94 25	IAMS_20	IAMS_20	14 12 20.4	
POKR	Poker Plate Res	83.10 21	P	P	13 40 20.8	-1.2
ILAR	Eielson Array	83.11 22	P	P	13 40 20.2	-1.8
ILAR	comp-Z,22nm,0.5s, baz=256,slow=4.8,SNR=76		PKPPKP	P'P'df	14 06 44.1	-3.2
ILAR	comp-Z,4.4nm,1.1s, baz=274,slow=3.4,SNR=4.7		LR	LR	14 12 41.4	
SML	Simla	83.11 302	iP	P	13 40 23.5	+0.7
MK31	Makanchi Array	83.19 319	P	pmax	13 40 23.8	+0.9
MK31	comp-Z,741nm,0.8s		Iamb	Iamb	13 40 23.8	+0.9
MK31	Makanchi Array	83.19 319	P	P	13 40 23.8	+0.9
MKAR	Makanchi Array	83.19 319	P	P	13 40 21.6	-1.3
MKAR	comp-Z,84nm,0.8s, baz=102,slow=5.2,SNR=93		LR	LR	14 19 08.4	
QSPA	South Pole Qui	83.27 180	P	P	13 40 22.6	-0.5
QSPA	comp-Z,136nm,0.9s, baz=301,slow=0.6,SNR=75		S	SKS	13 50 36.5	-5.5
QSPA	comp-Z,16nm,1.0s, baz=60,slow=4.4,SNR=1.9					
GOA	Goa	83.33 286	iP	P	13 40 23.9	+0.8
GOA	comp-Z,302nm,0.8s		Iamb	Iamb	13 40 32.5	
COLD	Coldfoot	83.34 19	P	P	13 40 25.1	+1.9
COLD	comp-Z,416um,21.0s		IAMS_20	IAMS_20	14 14 34.7	

BARN	Barnard Glacie	83.38 26	Iamb	Iamb	13 40 35.6	
BARN	comp-Z,599nm,0.8s					
MENT	Mentasta	83.39 24	Iamb	Iamb	13 40 37.6	
MAKZ	Makanchi	83.40 319	P	P	13 40 23.2	-0.8
MAKZ	Makanchi	83.40 319	P	P	13 40 24.5	+0.5
MAKZ	comp-Z,299um,19.0s		IAMS_20	IAMS_20	14 19 12.4	
CTGM	Chitina Glacie	83.48 26	Iamb	Iamb	13 40 37.3	
CTGM	comp-Z,1um,1.0s					
POO	Poona	83.77 289	eP	P	13 40 24.7	-1.8
ZAAO	Zalesovo Arra	83.94 326	Iamb	Iamb	13 40 37.6	
ZAAO	comp-Z,466nm,0.8s					
ZALV	Zalesovo Beam	83.94 326	P	P	13 40 24.4	-2.2
ZALV	comp-Z,59nm,0.8s, baz=117,slow=1.6,SNR=62		PKKPbc	PKKPbc	13 58 43.3	-0.9
ZALV	comp-Z,2.7nm,0.6s, baz=271,slow=2.5,SNR=4.5		PKPPKP	P'P'df	14 06 50.2	+3.6
ZALV	comp-Z,10nm,1.0s, baz=112,slow=1.6,SNR=4.3		Iamb	Iamb	13 40 27.4	-0.6
DHRM	DHARAMSHALA	84.06 303	iP	P	13 40 35.7	
DHRM	comp-Z,1um,0.5s		IAMS_20	IAMS_20	14 15 52.0	
DHRM	comp-Z,384um,25.7s					
DHAK	Deception Hill	84.11 28	IAMS_20	IAMS_20	14 16 07.4	
DHAK	comp-Z,380um,20.0s					
SHLS	Shalkode	84.11 315	iP	P	13 40 25.0	-2.9
SHLS	comp-Z,2um,5.0s		eS	eS	13 50 43.4	-5.0
SHLS	comp-Z,36um,20.4s		eLR	LR	14 13 19.3	
SHLS	Shalkode	84.11 315	eP	P	13 40 24.9	-2.9
SHLS	comp-Z,2um,5.0s		SKS	SKS	13 50 43.4	-5.0
TOLK	Toolik Lake Re	84.35 18	P	P	13 40 28.0	-0.4
TOLK	comp-Z,405nm,0.8s		IAMS_20	IAMS_20	14 13 01.3	
TOLK	Toolik Lake Re	84.35 18	Iamb	Iamb	13 40 41.4	
TOLK	comp-Z,5.05um,22.0s		IAMS_20	IAMS_20	14 13 01.3	
UZZB	Uzynbulak	84.42 314	iP	P	13 40 26.1	-1.4
UZZB	comp-Z,2um,5.5s		eS	eS	13 50 46.5	-3.9
UZZB	Uzynbulak	84.42 314	eP	P	13 40 28.0	-1.4
UZZB	comp-Z,2um,5.5s		SKS	SKS	13 50 46.5	-3.9
FYU	Fort Yukon	84.63 20	Iamb	Iamb	13 40 39.0	
MAW	Mawson	84.66 203	P	P	13 40 29.7	-0.3
MAW	comp-Z,60nm,0.6s, baz=104,slow=6.0,SNR=40		S	S	13 50 53.7	-0.5
MAW	comp-Z,5.5nm,1.0s, baz=279,slow=2.1,SNR=1.2		LR	LR	14 15 08.1	
MAW	comp-Z,145um,19.7s, baz=89,slow=5.3		LR	LR	14 19 40.3	
MAW	Mawson	84.66 203	P	P	13 40 31.0	+1.0
KPKS	Kopke	84.74 315	iP	P	13 40 29.7	-1.4
KPKS	comp-Z,3um,5.5s		eS	eS	13 50 48.1	-4.3
KPKS	Kopke	84.74 315	eP	P	13 40 29.6	-1.4
KPKS	comp-Z,72um,20.0s		MLR	MLR	13 50 48.9	-3.5
SATY	Saty	84.84 314	iP	P	13 40 30.5	-1.1
SATY	comp-Z,2um,6.4s		eS	eS	13 50 48.7	-4.4
SATY	Saty	84.84 314	eP	P	13 40 30.4	-1.1
SATY	comp-Z,2um,6.4s		SKS	SKS	13 50 48.7	-4.4
ZHN	Zhinishe	84.85 314	iP	P	13 40 29.6	-1.9
ZHN	comp-Z,2um,6.0s		eS	eS	13 50 57.5	+4.4
ZHN	Zhinishe	84.85 314	eP	P	13 40 29.9	-1.9
ZHN	comp-Z,2um,6.0s		SKS	SKS	13 50 57.5	+4.4
H02N1	VAN INLET T-PH	85.01 35	P	T	13 40 32.4	+0.3
H02N1	SNR=18		T	T	15 14 07.3	
DIB	Dawson Inlet,	85.03 35	Iamb	Iamb	13 40 42.1	
DIB	comp-Z,592nm,1.1s					
H02S1	DAWSON INLET T	85.03 35	P	T	13 40 32.4	+0.4
H02S1	SNR=94		T	T	15 14 04.7	
HYT	Haines Junctio	85.12 27	Iamb	Iamb	13 40 48.9	
HYT	comp-Z,852nm,0.9s		IAMS_20	IAMS_20	14 18 15.1	
EGAK	Eagle	85.25 23	Iamb	Iamb	13 40 49.3	
EGAK	comp-Z,614nm,0.9s		Iamb	Iamb	13 40 43.6	
MOBC	Moresby Island	85.30 35	IAMS_20	IAMS_20	14 10 59.3	
MOBC	comp-Z,1um,1.3s					
TDK	Taldyqorghan	85.31 316	iP	P	13 40 31.9	-1.8
TDK	comp-Z,2um,10.6s		eS	eS	13 50 51.2	-4.6
TDK	Taldyqorghan	85.31 316	eP	P	13 40 31.9	-1.8
TDK	comp-Z,150um,22.9s		SKS	SKS	13 50 51.2	-4.6
TDK	Taldyqorghan	85.31 316	iP	P	13 40 31.9	-1.8
TDK	comp-Z,150um,22.9s		SKS	SKS	13 50 51.2	-4.6
KDJ	Kajisay	85.50 313	Iamb	Iamb	13 41 01.4	
KDJ	comp-Z,546nm,0.8s		</			

19d 13h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like D04E Lakebay, PAGB Antelope Grade, E04D Cinebar, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like LRMC Laurel Mtn Rad, HAWA Hanford, HAWA Hanford, etc.

1408

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like 214A Organ Pipe Nat, SRIG Santa Rosalia, MSO Missoula, etc.

Table with columns: ARU, comp-Z, 186um, 19.0s, MLR, MLR, ARU, comp-Z, 186um, 19.0s, P, Pdif, 13 41 38.7 +1.1, etc.

Table with columns: RES, comp-Z, 4.8nm, 1.0s, baz=220, slow=3.3, SNR=4.5, RES, comp-Z, 4.8nm, 1.0s, baz=220, slow=3.3, SNR=4.5, etc.

Table with columns: BJO1, comp-Z, 5.2um, 19.5s, ePP, PP, 13 46 47.1 +3.4, BJO1, comp-Z, 5.2um, 19.5s, ePP, PP, 13 46 47.1 +3.4, etc.

19d 13h

Table with columns for station call letters, name, frequency, and various signal quality indicators (eP, P, Pdif, etc.). Includes stations like LPSR, CMIG, W39A, and many others.

2014 APR

Table with columns for station call letters, name, frequency, and various signal quality indicators. Includes stations like DYBB, ERZN, FINES, and many others.

1410

Table with columns for station call letters, name, frequency, and various signal quality indicators. Includes stations like K46A, TOKT, ANKE, and many others.

ASF	comp-Z,18nm,1.0s,baz=171,slow=9.2,SNR=5.9	PKKPbc	PKKPab	13 57 14.0 +0.0
BZK	Bozkurt 117.30 314	PKP	PKPdf	13 46 41.9 -0.3
BZK	Bozkurt 117.30 314	PKP	PKPab	13 57 11.9 +2.4
BZK	Bozkurt 117.30 314	PKP	PKP	13 47 50.0 +2.9
SFJZ	Kangertussuq 117.30 11	PKIKP	PKIKP	13 46 45.0 +3.6
SFJZ	Kangertussuq 117.30 11	PKIKP	PKIKP	13 46 45.0 +3.6
AKASG	Malin Array Si 117.31 325	PKP	PKP	13 43 01.7 +3.0
AKASG	comp-Z,3.6nm,0.8s,baz=50,slow=4.7,SNR=9.5	PKP	PKP	13 46 40.8 -1.1
AKASG	comp-Z,24nm,0.7s,baz=59,slow=2.3,SNR=23	PKP	PKP	13 48 00.7 +7.7
AKASG	comp-Z,13nm,0.8s,baz=55,slow=7.4,SNR=6.5	PKP	PKP	13 47 07.8 +0.5
AKASG	comp-Z,6.8nm,0.3s,baz=263,slow=3.5,SNR=3.3	PKKPbc	PKKPbc	14 01 11.9 +2.0
AKASG	comp-Z,1.1nm,0.9s,baz=260,slow=3.7,SNR=5.0	PKKPbc	PKKPbc	13 46 41.2 -0.7
AKAB	Malin Array Si 117.31 325	PKIKP	PKIKP	13 46 41.1 -0.7
AKAB	Malin Array Si 117.31 325	PKIKP	PKIKP	13 46 41.1 -0.7
AKBB	Brewton 117.32 58	P	P	13 42 57.7 -1.5
BRAL	Brewton 117.32 58	IAMS_20	IAMS_20	14 36 05.8
CORM	Corum 117.34 312	P	P	13 47 56.7 +2.9
D49A	South Townshil 117.37 40	P	P	13 42 52.7 -0.9
KMBO	Kilima Mbogo 117.38 265	P	PKIKP	13 46 46.5 +3.0
KMBO	Kilima Mbogo 117.38 265	P	PKIKP	13 43 08.4 +8.2
KMBO	comp-Z,2.7nm,0.8s,baz=54,slow=4.0,SNR=6.2	PKP	PKIKP	13 46 44.9 +1.4
KMBO	comp-Z,3.1nm,0.9s,baz=52,slow=5.7,SNR=21	PKP	PKP	13 48 02.0 +6.8
KMBO	comp-Z,6.2nm,0.8s,baz=113,slow=6.6,SNR=6.2	PKP	PKPab	13 57 11.7 +1.3
KMBO	comp-Z,5.7nm,1.0s,baz=147,slow=2.4,SNR=3.7	PKP	PKP	13 46 45.6 +3.0
KMBO	Kilima Mbogo 117.38 265	P	PKP	13 46 43.4 -0.1
KMBO	Kilima Mbogo 117.38 265	P	PKP	13 46 43.4 -0.1
Y49A	Blount Mountai 117.38 55	IAMS_20	IAMS_20	14 31 50.6
SLIT	Slitere, Latvi 117.40 334	eP	P	13 43 06.3 +7.4
SLIT	Slitere, Latvi 117.40 334	eP	P	13 47 51.9 -1.3
R49A	Shelbyville 117.42 50	P	P	13 42 57.8 -1.7
S49A	Springfield 117.45 51	P	P	13 42 58.9 -0.7
Q49A	Aurora 117.45 49	P	P	13 42 60.0 +0.4
P49A	Miami Univ. Ec 117.45 49	P	P	13 42 59.5 -0.2
K49A	Clarkson 117.46 45	P	P	13 42 59.5 -0.1
AAM	Ann Arbor 117.46 46	P	P	13 42 58.9 -0.7
AAM	Ann Arbor 117.46 46	IAMS_20	IAMS_20	14 34 07.6
F49A	Sandfield 117.47 41	P	P	13 42 58.9 -0.6
M49A	Liberty Center 117.47 47	P	P	13 42 59.0 -0.7
N49A	Columbus Grove 117.48 47	P	P	13 43 00.0 +0.3
N49A	Columbus Grove 117.48 47	IAMS_20	IAMS_20	14 34 20.3
SWET	Sewanee 117.51 54	IAMS_20	IAMS_20	14 33 08.5
J49A	Marlette 117.51 44	P	P	13 42 59.0 -0.8
I49A	Point Hope 117.54 44	P	P	13 42 58.0 -1.9
O49A	Covington 117.56 48	P	P	13 42 59.7 -0.4
O49A	Covington 117.56 48	IAMS_20	IAMS_20	14 31 54.7
KRTS	Karatas 117.64 308	eP	PP	13 47 59.2 +3.3
KARA	Karaisali 117.74 309	eP	PP	13 47 59.8 +3.2
PABE	Paberze 117.80 331	eP	P	13 43 05.7 +4.9
FADE	Grady 117.84 57	IAMS_20	IAMS_20	14 33 10.6
Z50A	Ashland 117.90 56	P	P	13 43 01.9 +0.1
Z50A	Ashland 117.90 56	IAMS_20	IAMS_20	14 32 12.0
FPAL	Fort Payne 117.90 54	IAMS_20	IAMS_20	14 35 04.6
CANT	Caniki 117.96 313	eP	PP	13 47 55.7 -2.3
BHL	Bhannes 117.98 305	eP	PKIKP	13 46 44.8 +0.9
W50A	Signal Mountai 18.01 54	IAMS_20	IAMS_20	14 33 34.7
QRWL	Qaraoun 118.03 304	eP	PKP	13 46 41.3 -1.7
K50A	Casco 18.05 45	P	PKP	13 43 03.2 +0.2
K50A	Casco 18.05 45	IAMS_20	IAMS_20	14 34 48.0
TBLU	Trondheim 118.06 343	eP	PKP	13 46 41.3 -1.7
TBLU	Paris 118.06 343	eP	PKP	13 48 01.6 +9.9
TBLU	Paris 118.06 343	eP	PKP	13 47 36.7 -1.3
TBLU	Paris 118.06 343	eP	PKP	13 47 36.7 -1.3
TBLU	Paris 118.06 343	eP	PKP	13 47 36.7 -1.3
R50A	Paris 118.06 343	eP	PKP	13 43 02.7 +0.4
DQRL	Deir Qamar 18.09 305	eP	PKP	13 46 43.9 -0.2
O50A	Cable 18.10 48	P	PKP	13 43 02.3 -0.2
GULA	Gulagac 18.11 310	eP	PP	13 48 01.2 +2.0
P50A	Jamestown 18.12 49	P	P	13 43 02.8 +0.2
L50A	Kingsville 18.14 46	P	P	13 43 01.8 -0.8
S50A	Richmond 18.16 51	P	P	13 43 05.0 +2.2
M50A	Fremont 18.17 46	P	P	13 43 02.9 +0.2
M50A	Fremont 18.17 46	IAMS_20	IAMS_20	14 36 28.3
Q50A	Georgetown 18.18 49	P	P	13 43 03.5 +0.6
BRTR	Keskin Array B 118.19 312	P	P	13 43 18.8 +1.6
BRTR	comp-Z,2.3nm,0.8s,baz=93,slow=5.4,SNR=7.0	PKP	PKP	13 46 43.1 -1.1
BRTR	comp-Z,12nm,0.7s,baz=136,slow=3.4,SNR=17	PKP	PKP	13 57 01.8 -2.3
BRTR	comp-Z,4.8nm,0.8s,baz=201,slow=4.7,SNR=5.9	PKP	PKP	14 01 09.1 +2.0
BRTR	comp-Z,1.3nm,1.0s,baz=248,slow=1.3,SNR=5.3	PKP	PKP	13 48 00.6 +0.8
KURC	Kuracastik-Bar 118.24 314	eP	PP	13 48 02.0 +2.2
MERS	Mersin 118.24 308	eP	PP	13 48 02.5 +2.2
NOA	Nevada 18.27 47	P	P	13 43 04.2 +0.9
YAYX	Yaylak 118.27 311	eP	PP	13 48 04.0 +3.7
MMAI	Mount Meron Ar 118.36 304	PKP	PKIKP	13 46 45.2 +0.5
MMAI	comp-Z,1.6nm,0.6s,baz=74,slow=8.4,SNR=15	PKP	PKP	13 57 06.0 +0.9
D50A	G1974 Best Tow 118.37 39	P	P	13 43 04.3 +0.8
SERE	Serefikochisa 18.46 311	eP	PP	13 48 03.9 +2.3
TGUH	Teguigalpa,Un 18.46 78	IAMS_20	IAMS_20	14 26 23.8
HOPE	Hope Point 118.47 172	PKIKP	PKP	13 46 43.3 -0.8
HOPE	Hope Point 118.47 172	PKIKP	PKP	13 46 43.3 -0.8
HOPE	Hope Point 118.47 172	IAMS_20	IAMS_20	14 32 51.8
PBUR	Paburge 118.47 332	eP	P	13 43 07.3 +3.5
PBUR	Franklin 118.50 56	IAMS_20	IAMS_20	14 34 51.2
Z51A	Vernon 118.51 59	IAMS_20	IAMS_20	14 34 42.5
ACSO	Alum Creek Sta 18.55 48	P	P	13 43 03.7 -0.8
ACSO	Alum Creek Sta 18.55 48	IAMS_20	IAMS_20	14 35 05.7
Q51A	Peebles 18.61 49	P	P	13 43 05.4 +0.6
Q51A	Peebles 18.61 49	IAMS_20	IAMS_20	14 34 50.3
R51A	Hillsboro 18.62 50	P	P	13 43 04.9 0.0
KIZK	Mersin 18.63 308	eP	PP	13 48 04.5 +1.8
MATQ	Matagami 18.64 306	P	P	13 43 04.3 -0.4

D51A	Lot 18 Range I 118.69 39	P	P	13 43 05.0 0.0
P51A	Williamsport 118.70 48	P	P	13 43 05.0 -0.2
P51A	Williamsport 118.70 48	IAMS_20	IAMS_20	14 33 01.8
ANTO	Ankara 118.78 312	P	PKP	13 46 45.1 -0.1
ANTO	Ankara 118.78 312	eP	PKP	13 46 05.5 +1.8
5S1A	Byankville 118.79 51	P	PKP	13 43 04.7 -1.0
N51A	Ashland 118.79 47	P	P	13 43 05.2 -0.4
N51A	Ashland 118.79 47	IAMS_20	IAMS_20	14 36 49.9
F51A	Arnstee 118.79 41	P	P	13 43 05.7 +0.2
LOD	Lodum 118.79 312	eP	PP	13 48 07.2 +3.4
M51A	Elyria 118.80 46	P	P	13 43 05.7 +0.1
I51A	Listowel 118.82 43	P	P	13 43 06.3 +0.7
SILJ	Silfike-Mersin 118.83 308	eP	PP	13 48 05.9 +1.8
EREN	Erenkoy 118.83 307	eP	PP	13 48 05.6 +2.3
E51A	G1948 Merrick 118.83 40	P	P	13 43 05.2 -0.4
K51A	Iona Station 118.84 45	P	P	13 43 05.8 +0.1
O51A	Pataksala 118.85 48	P	P	13 43 05.3 -0.6
KULU	Kulu 118.85 311	eP	PP	13 48 06.3 +2.0
SORU	Soroca 118.90 322	eP	PKP	13 46 44.1 -1.0
SORU	Soroca 118.90 322	eP	PKP	13 57 01.1 -0.4
SORU	Soroca 118.90 322	eP	PKP	13 46 44.1 -1.0
KEBE	Keben-Mersin 118.98 308	eP	PKP	13 48 06.5 +1.3
SUW	Suwalki 118.98 330	eP	PKP	13 43 07.0 +0.9
SUW	Suwalki 118.98 330	eP	PKP	13 48 46.3 +1.3
SUW	Suwalki 118.98 330	eP	PKP	13 48 04.1 -0.2
SUW	Suwalki 118.98 330	eP	PKP	13 47 46.7
SUW	comp-Z,232um,22.9s 118.98 330	IAMS_20	IAMS_20	14 38 05.5
152A	Waverly Hall 119.00 56	IAMS_20	IAMS_20	14 32 45.3
IKL	Isikli 119.05 308	eP	PP	13 48 07.4 +1.8
352A	Blakely 119.05 58	IAMS_20	IAMS_20	14 32 27.0
KIS	Kishinev 119.07 321	IAMS_20	IAMS_20	13 43 08.0 +1.4
KIS	Kishinev 119.07 321	eP	PKIKP	13 46 51.0 +5.5
KIS	Kishinev 119.07 321	eP	PKIKP	13 48 11.0 +5.7
KIS	Kishinev 119.07 321	eP	PKIKP	13 50 44.0
KIS	Kishinev 119.07 321	eP	PKIKP	13 53 40.0 +2.3
KIS	Kishinev 119.07 321	eP	PKIKP	13 54 42.0 -2.1
KIS	Kishinev 119.07 321	eP	PKIKP	13 43 08.0 +1.4
KIS	Kishinev 119.07 321	eP	PKIKP	13 48 11.0
KIS	Kishinev 119.07 321	eP	PKIKP	13 50 44.0
KIS	Kishinev 119.07 321	eP	PKIKP	13 57 45.0
KIS	Kishinev 119.07 321	eP	PKIKP	14 04 32.0 +9.0
KIS	Kishinev 119.07 321	eP	PKIKP	14 08 42.0
KIS	comp-Z,8um,21.0s 119.07 321	pmax	pmax	
MILM	Milestii Mici 119.10 321	P	PKP	13 46 44.1 -1.4
MILM	Milestii Mici 119.10 321	P	PKP	13 57 02.3 +1.6
TKL	Tuckaleechee C 119.13 53	PKP	PKP	13 57 16.2 +1.6
S22A	Greenville 119.17 50	P	P	13 43 06.4 -0.9
AKKU	Akkuyu-Mersin 119.17 308	eP	PP	13 48 09.4 +2.9
FEVE	Tevekalti-Mers 119.19 308	eP	PP	13 48 08.4 +1.7
T52A	Sundridge 119.23 41	P	P	13 43 06.0 -1.4
HFS	Hagfors 119.24 339	PKP	PKP	13 46 45.3 0.0
HFS	comp-Z,19nm,0.7s,baz=90,slow=3.0,SNR=16	PKP	PKP	13 57 02.6 +2.0
H52A	Wyevale 119.28 42	P	P	13 43 07.2 -0.5
Y52A	Liburn 119.30 55	P	P	13 43 08.3 +0.3
Y52A	Liburn 119.30 55	IAMS_20	IAMS_20	14 32 28.6
I52A	Shelburne 119.30 43	P	P	13 43 08.2 +0.5
N52A	McGinn's Farm, 119.32 47	P	P	13 43 07.8 -0.1
R52A	Cattlettsburg 119.33 50	P	P	13 43 07.8 -0.2
M52A	Chesterland 119.33 46	P	P	13 43 08.3 +0.4
M52A	Chesterland 119.33 46	IAMS_20	IAMS_20	14 38 08.0
EIL	Elat 119.33 300	PKP	PKP	13 46 46.0 +2.7
EIL	comp-Z,30nm,0.8s,baz=7.7,slow=1.6,SNR=7.7	PKP	PKP	13 57 03.5 +0.2
P52A	Corning 119.34 48	P	P	13 43 07.8 -0.2
DOMB	Dombas 119.35 342	eP	PKP	13 46 45.7 +0.1
DOMB	Dombas 119.35 342	eP	PKP	13 48 08.8 +2.2
DOMB	Dombas 119.35 342	eP	PKP	13 57 50.6 +0.9
DOMB	Dombas 119.35 342	eP	PKP	14 04 28.0 +2.5
DOMB	Dombas 119.35 342	eP	PKP	14 35 50.3
MOL	Molde 119.38 343	eP	PKP	13 46 46.6 +1.0
MOL	Molde 119.38 343	eP	PKP	13 48 12.0 +5.4
MOL	Molde 119.38 343	eP	PKP	13 58 08.8 +5.0
MOL	Molde 119.38 343	eP	PKP	14 04 39.2 +1.4
MOL	Molde 119.38 343	eP	PKP	14 38 33.0
K52A	Tilsonburg 119.38 44	P	P	13 43 07.9 -0.2
BERE	Berekat-Mersin 119.38 308	eP	PP	13 48 10.0 +1.9
J52A	Paris 119.38 44	P	P	13 43 08.4 +0.3
O52A	Adamsville 119.42 47	P	P	13 43 09.0 +0.6
O52A	Adamsville 119.42 47	IAMS_20	IAMS_20	14 37 03.6
NB2A	NORSAR Subarrat 119.43 341	PKP	PKP	13 46 44.1 -1.7
NB2A	NORSAR Subarrat 119.43 341	PKP	PKP	13 46 44.1 -1.7
NOA	NORSAR Array B 119.43 341	P	P	13 43 18.3 +1.0
NOA	comp-Z,8.3nm,0.7s,baz=46,slow=1.9,SNR=22	PKP	PKP	13 46 44.7 -1.1
NOA	comp-Z,1.7nm,0.9s,baz=42,slow=3.6,SNR=21	PKP	PKP	14 01 00.8 +1.5
Q52A	Sidwell 119.49 49	P	P	13 43 09.1 +0.6
E52A	Mattawa 119.46 40	P	P	13 43 08.5 +0.1
TEKE	Tekel-Mersin 119.52 308	eP	PP	13 48 09.4 +0.5
NC602	NORSAR Array S 119.52 340	eP	PKP	13 43 10.2 +1.8
NC602	NC602 119.52 340	eP	PKP	13 46 46.5 +0.5
NC602	NC602 119.52 340	eP	PKP	13 48 10.8 +2.9
NC602	NC602 119.52 340	eP	PKP	13 57 50.7 -0.7
NC602	NC602 119.52 340	eP	PKP	14 04 29.4 +1.4
NC602	NC602 119.52 340	eP		

19d 13h

Table with columns for station name, frequency, power, and signal strength. Includes stations like VRI Vrincoia, ICOR Ion Corvin, HVA Hoyanger, MATP Matopo, etc.

2014 APR

Table with columns for station name, frequency, power, and signal strength. Includes stations like O56A Snyder Ridge, N56A West Decatur, ASK Askoy, etc.

1412

Table with columns for station name, frequency, power, and signal strength. Includes stations like DWPF Disney Wildern, D58A Chemin du LacG, F58A St-Lin Laurent, etc.

R1D3	Rodhopi	123.56 316	eP	PP	13 48 38.7 +2.7
LANS	Liptovska Anna	123.56 326	ePKIKP	PKIKP	13 46 54.8 +0.5
LANS	Liptovska Anna	123.56 326	ePKP	PKIKP	13 46 54.8 +0.5
59A	Olmosteadville	123.58 41	P	Pdf	13 43 26.4 -0.4
T59A	Double "B" Far	123.59 50	P	Pdf	13 43 27.5 +0.6
T59A	Double "B" Far	123.59 50	IAMS_20	IAMS_20	14 36 27.2
U59A	Littleton	123.60 51	P	Pdf	13 43 27.6 +0.5
SRE	Strehaia	123.61 320	↑P	PKPpdf	13 46 54.5 +0.3
SRE	Strehaia	123.61 320	↑PKIKP	PKPpdf	13 46 54.6 +0.3
Q59A	Harwood	123.62 47	P	Pdf	13 43 28.1 +1.1
PLD	Plodiv	123.74 317	eP	PP	13 48 38.5 +1.2
F60A	Warwick	123.79 38	P	Pdf	13 43 27.3 -0.3
60A	Indianatown	123.79 62	IAMS_20	IAMS_20	14 36 20.4
S1RR	Siria	123.81 323	↑P	PKPpdf	13 46 54.5 -0.1
S1RR	Siria	123.81 323	↑P	PKKPKbc	13 56 43.3 +0.4
BAIL	Bailesti	123.82 320	↑P	PKPpdf	13 46 54.6 0.0
CNOC	Cliffs of the	123.87 52	P	Pdf	13 43 29.1 +0.9
R60A	Leonardtown, M	123.88 48	P	Pdf	13 43 25.4 -2.8
OKC	Ostrava-Krasne	123.89 328	ePDIFF	Pdf	13 43 30.1 +2.1
OKC	Ostrava-Krasne	123.89 328	ePKP	PKPpdf	13 46 54.9 +0.3
OKC	Ostrava-Krasne	123.89 328	eP	SP	13 58 29.8 -0.9
OKC	Ostrava-Krasne	123.89 328	eP	MLR	13 43 28.1 -0.1
E60A	Ste Agathe de	123.89 37	P	Pdf	13 43 28.1 -0.1
MBAR	Mbarara	123.91 265	PKP	PKPpdf	13 46 56.0 +0.1
MBAR	Mbarara	123.91 265	PKIKP	PKPpdf	13 46 56.0 +0.1
MBAR	Mbarara	123.91 265	IAMS_20	IAMS_20	14 37 51.5
RZN	Rozhen	123.91 316	P	PKPpdf	13 46 53.6 -1.6
D60A	Saint Jean D'O	123.93 36	P	Pdf	13 43 26.5 -1.7
I60A	Shoreham	123.94 41	P	Pdf	13 43 27.6 -0.7
G60A	Masonville	123.97 39	P	Pdf	13 43 28.2 -0.3
Y60A	Bolivia	123.97 53	P	Pdf	13 43 28.8 +0.1
N60A	Cedar Hill Far	123.98 45	P	Pdf	13 43 27.2 -1.4
O60A	Telford	123.98 45	P	Pdf	13 43 27.2 -1.4
H60A	Morristown	123.99 40	P	Pdf	13 43 27.2 -1.4
PSZ	Piszkesteto	123.99 325	↑P	PKPpdf	13 46 54.7 -0.3
PSZ	Piszkesteto	123.99 325	↑P	PKKPKbc	13 56 45.0 +2.7
PSZ	Piszkesteto	123.99 325	↑PKIKP	PKPpdf	13 46 54.7 +0.3
PSZ	Piszkesteto	123.99 325	IAMS_20	IAMS_20	14 46 07.3
X60A	Albert Glenn T	124.00 53	P	Pdf	13 43 27.8 -1.0
P60A	Greenville	124.01 46	P	Pdf	13 43 30.4 +1.7
HERR	Herculane	124.01 321	↑P	PKPpdf	13 46 53.6 -1.4
HERR	Herculane	124.01 321	↑P	PKKPKbc	13 56 42.2 +0.2
S60A	Water View	124.02 49	P	Pdf	13 43 28.4 -0.5
H60A	Pendleton	124.05 50	P	Pdf	13 43 29.5 +0.5
SIGR	SIGRI	124.06 313	eP	PP	13 48 43.8 +4.3
W60A	Pink Hill	124.06 52	P	Pdf	13 43 29.5 +0.4
K60A	Five Rivers En	124.09 42	P	Pdf	13 43 30.0 +1.0
J60A	Lant Hill Farm	124.12 41	P	Pdf	13 43 29.0 -0.2
M60A	Port Jervis	124.12 44	P	Pdf	13 43 29.6 +0.3
L60A	Shokan	124.13 43	P	Pdf	13 43 30.1 +0.8
T60A	Surry	124.15 49	P	Pdf	13 43 28.1 -1.4
T60A	Surry	124.15 49	IAMS_20	IAMS_20	14 40 12.0
BZS	Buzias	124.15 322	↑P	PKPpdf	13 46 54.2 -1.1
BZS	Buzias	124.15 322	↑P	PKKPKbc	13 56 47.3 +5.9
BZS	Buzias	124.15 322	↑PKIKP	PKPpdf	13 46 54.2 -1.1
G60A	Greensboro	124.16 47	P	Pdf	13 43 28.1 -1.4
Q60A	Greensboro	124.16 47	IAMS_20	IAMS_20	14 43 00.2
V60A	Jim Taylor Roa	124.19 51	P	Pdf	13 43 29.2 -0.4
PRVC	Isla de Provid	124.21 78	eP	PKPpdf	13 46 54.0 -2.2
D61A	St Aubert, Com	124.21 36	P	Pdf	13 43 28.6 -0.8
MORC	Moravsky Berou	124.24 328	↑P	PKIKP	13 46 55.8 +0.1
MORC	Moravsky Berou	124.24 328	↑P	PKKPKbc	13 56 44.4 +3.1
MORC	Moravsky Berou	124.24 328	↑PKIKP	PKIKP	13 46 55.8 +0.1
MORC	Moravsky Berou	124.24 328	ePDIFF	Pdf	13 43 31.2 +1.5
MORC	Moravsky Berou	124.24 328	ePKP	PKPpdf	13 46 54.8 -0.6
MORC	Moravsky Berou	124.24 328	ePP	PP	13 48 43.8 +3.5
MORC	Moravsky Berou	124.24 328	ePS	PS	13 58 40.5 +0.7
MORC	Moravsky Berou	124.24 328	IAMS_20	IAMS_20	14 47 07.8
KSP	Ksiaz	124.25 330	ePdif	Pdf	13 43 32.3 +2.7
KSP	Ksiaz	124.25 330	ePKIKP	PKIKP	13 46 55.9 +0.3
KSP	Ksiaz	124.25 330	ePP	PP	13 48 40.7 +0.5
KSP	Ksiaz	124.25 330	eSS	SS	14 05 46.2 +1.8
KSP	Ksiaz	124.25 330	eP	L	14 40 24.7
VYHS	Vyhne	124.27 326	eP	Pdf	13 43 35.5 +5.7
VYHS	Vyhne	124.27 326	eP	PP	13 46 55.0
VYHS	Vyhne	124.27 326	eSP	SP	13 48 41.1 +0.6
VYHS	Vyhne	124.27 326	eSS	SS	13 58 39.6 +5.4
VYHS	Vyhne	124.27 326	eMLR	MLR	14 05 50.6 +2.1
VYHS	Vyhne	124.27 326	ePDIFF	Pdf	13 43 35.5 +5.7
LJA	Limnos Island	124.29 314	P	PKIKP	13 46 56.1 +0.7
KAVA	Kavala	124.32 316	P	PKPpdf	13 46 53.9 +1.8
KARP	Karpathos	124.33 309	P	PKIKP	13 46 56.7 +0.4
F61A	St Evariste	124.37 37	P	Pdf	13 43 29.5 -0.8
G61A	St-Isidore-de-	124.38 38	P	Pdf	13 43 30.0 -0.3
RUE	Ruedersdorf	124.42 332	e	PP	13 43 09.6 -2.1
RUE	Ruedersdorf	124.42 332	eP	PP	13 48 37.1 -4.1
E61A	Lac Etchemin	124.44 37	P	Pdf	13 43 30.1 -0.4
KRLC	Kraliky	124.46 329	ePDIFF	Pdf	13 43 31.6 +1.0
KRLC	Kraliky	124.46 329	ePKP	PKPpdf	13 46 55.5 -0.3
KRLC	Kraliky	124.46 329	eP	x	13 47 03.9
KRLC	Kraliky	124.46 329	eAMS	AMS	13 56 43.3
KRLC	Kraliky	124.46 329	eP	Pdf	13 43 31.6 +1.0
KRLC	Kraliky	124.46 329	e	e	13 46 55.5
KRLC	Kraliky	124.46 329	eMLR	MLR	13 47 03.9
OSTC	Ostas	124.46 329	ePDIFF	Pdf	13 43 31.6 +1.0
OSTC	Ostas	124.46 329	ePKP	PKPpdf	13 46 55.8 +0.1
OSTC	Ostas	124.46 329	eP	x	13 56 43.6
OSTC	Ostas	124.46 329	eAMS	AMS	14 43 40.0
K61A	Williamstown	124.48 42	P	Pdf	13 43 30.2 -0.6
L61A	Hillside 1, H	124.49 43	P	Pdf	13 43 30.8 -0.1
H61A	Lyndonville	124.49 39	P	Pdf	13 43 30.8 -0.1
MDVR	Moldovita	124.50 321	↑P	PKPpdf	13 46 55.8 -0.2

MDVR	Moldovita	124.50 321	↑P	PKKPKbc	13 56 42.7 +2.6
VTS	Vitosa	124.51 318	↑P	PKPpdf	13 46 55.8 -0.4
VTS	Vitosa	124.51 318	↑P	PKKPKbc	13 56 58.2 -1.9
VTS	Vitosa	124.51 318	↑P	PKPpdf	13 46 55.4 -0.8
VTS	Vitosa	124.51 318	↑PKIKP	PKPpdf	13 46 55.8 -0.4
VTS	Vitosa	124.51 318	IAMS_20	IAMS_20	14 47 09.1
CHVC	Chvalec	124.53 329	ePKP	PKIKP	13 46 57.0 +0.8
CHVC	Chvalec	124.53 329	eP	x	13 55 56.5
CHVC	Chvalec	124.53 329	eP	x	13 56 42.4
CHVC	Chvalec	124.53 329	eAMS	AMS	14 41 30.0
DPC	Dobruska-Polom	124.53 329	ePDIFF	Pdf	13 43 33.4 +2.4
DPC	Dobruska-Polom	124.53 329	ePKP	PKIKP	13 46 57.5 +1.3
DPC	Dobruska-Polom	124.53 329	eP	PP	13 48 47.7 +4.9
DPC	Dobruska-Polom	124.53 329	eP	x	13 56 42.2
DPC	Dobruska-Polom	124.53 329	eSP	SP	13 58 55.2 -1.2
DPC	Dobruska-Polom	124.53 329	eAMS	AMS	14 43 10.0
DPC	Dobruska-Polom	124.53 329	eP	Pdf	13 43 33.4 +2.4
DPC	Dobruska-Polom	124.53 329	e	e	13 46 57.5
DPC	Dobruska-Polom	124.53 329	e	e	13 48 47.7
DPC	Dobruska-Polom	124.53 329	eSP	SP	13 58 55.2 -1.2
DPC	Dobruska-Polom	124.53 329	eMLR	MLR	13 48 47.4
DPC	Dobruska-Polom	124.53 329	eP	Pdf	13 46 57.6 +1.2
DPC	Dobruska-Polom	124.53 329	eP	PKIKP	13 43 31.0 -0.3
BANC	Banloc	124.56 322	↑P	PKIKP	13 46 57.6 +1.2
Q61A	Milford	124.56 47	P	Pdf	13 43 31.0 -0.3
N61A	South Mountain	124.58 44	P	Pdf	13 43 31.0 -0.3
W61A	Groszand Anchor	124.59 52	P	Pdf	13 43 32.1 +0.7
I61A	Oroboro, Fairl	124.60 40	P	Pdf	13 43 31.5 +0.2
UPIC	Udice	124.60 329	ePKP	PKIKP	13 46 57.4 +1.1
UPIC	Udice	124.60 329	ePKP	PKIKP	13 48 47.5 +4.9
UPIC	Udice	124.60 329	eP	x	13 56 42.5
UPIC	Udice	124.60 329	eAMS	AMS	14 43 50.0
UPIC	Udice	124.60 329	ePKIKP	PKIKP	13 46 57.4 +1.1
UPIC	Udice	124.60 329	eMLR	MLR	13 48 47.4
UPIC	Udice	124.60 329	eP	Pdf	13 46 57.4 +1.1
UPIC	Udice	124.60 329	eP	PKIKP	13 46 54.9 -1.5
UPIC	Udice	124.60 329	eP	PKPpdf	13 43 32.1 +0.6
UPIC	Udice	124.60 329	eP	Pdf	13 43 30.6 -1.0
UPIC	Udice	124.60 329	IAMS_20	IAMS_20	14 36 60.0
J61A	Chester	124.64 41	P	Pdf	13 43 32.1 +0.6
P61A	Hammtown	124.66 46	P	Pdf	13 43 31.7 0.0
O61A	Allentown	124.67 45	P	Pdf	13 43 32.2 +0.5
JAVC	Velka Javorina	124.71 327	ePDIFF	Pdf	13 43 35.0 +3.2
JAVC	Velka Javorina	124.71 327	ePKP	PKIKP	13 46 56.7 +0.1
JAVC	Velka Javorina	124.71 327	ePKP	PKIKP	13 48 47.5 +4.9
JAVC	Velka Javorina	124.71 327	eP	PP	13 56 41.9
JAVC	Velka Javorina	124.71 327	ePS	PS	13 58 48.1 +4.2
V61A	Roper	124.71 51	P	Pdf	13 43 32.3 +0.4
M61A	Granite Spring	124.72 44	P	Pdf	13 43 33.4 +1.5
PAL	Palisades	124.75 44	P	Pdf	13 43 31.8 -0.2
S61A	Accomac	124.76 48	P	Pdf	13 43 32.9 +0.8
S61A	Accomac	124.76 48	IAMS_20	IAMS_20	14 39 57.0
R61A	Willards	124.77 47	P	Pdf	13 43 32.4 +0.2
R61A	Willards	124.77 47	IAMS_20	IAMS_20	14 42 16.3
SRS	Serrai	124.91 316	P	PKPpdf	13 46 55.0 -1.9
SRO2	Moca	124.93 326	ePKIKP	PKPpdf	13 46 58.8 +0.2
SRO2	Moca	124.93 326	ePKP	PKPpdf	13 46 56.5 +0.2
D62A	Allapoint, All	124.94 35	P	Pdf	13 43 32.1 -0.6
D62A	Allapoint, All	124.94 35	IAMS_20	IAMS_20	14 43 07.4
KKB	Krupnik	124.94 317	P	PKPpdf	13 46 55.9 -1.0
BSEB	Bad Segeberg	124.94 335	ePKPbc	PKPpdf	13 46 55.3 -1.1
SRO	Srobarova	124.94 326	ePKIKP	PKIKP	13 46 57.9 +0.9
SRO	Srobarova	124.94 326	ePKP	PKIKP	13 46 5

Table with columns: ID, Name, Time, Date, and various status codes. Includes entries like ANOYA, NEUBURG, CONRAD, etc.

Table with columns: ID, Name, Time, Date, and various status codes. Includes entries like DBRK, OBKA, OZLJ, etc.

Table with columns: ID, Name, Time, Date, and various status codes. Includes entries like BGES, DAVA, IDGL, etc.

19d 13h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and other parameters. Includes stations like FNA Florina, BCJ Bajram Curri, DRME Dracevica, etc.

2014 APR

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and other parameters. Includes stations like PSZ Piszkesteto, ARSA Arzberg, VYHS Vyhne, etc.

1416

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and other parameters. Includes stations like COPN Copaltepe, MOMN Momotombo, MATN Matagalpa, etc.

SYO	Syowa Base	92.27	199	ip	P	P	14 01 05.1 +1.1
PNT	Penticon	92.37	41	P	P	P	14 00 49.0 -5.5
GRAC	comp-Z, 1.6nm, 0.9s Grapevine Rang	92.42	53	P	P	P	14 00 56.7 +1.6
GSC	baz=263 Goldstone, Bar	92.68	55	P	P	P	14 00 57.4 +1.1
MONP2	Monument Peak	92.72	57	P	P	P	14 00 56.5 -0.3
FURC	Furnace Creek,	92.76	54	P	P	P	14 00 56.6 +0.1
PFO	Pinyon Flats 0	92.77	57	ce	P	Pmax	14 00 59.2 +2.4
PFO	comp-Z, 3.6nm, 2.5s Pinyon Flats 0	92.77	57	P	P	P	14 00 57.6 +0.8
XPFO	Pion Flat	92.77	57	P	P	P	14 00 56.9 0.0
HEC	Hector, Ludlow	93.01	55	P	P	P	14 00 58.3 +0.4
BELC	Belle Mtn. Jos	93.19	56	P	P	P	14 00 58.8 0.0
SWSC	Sam W. Stewart	93.24	57	P	P	P	14 00 59.3 +0.5
TPNV	Topopah Spring	93.31	53	P	P	Pmax	14 00 59.4 +0.1
TPNV	comp-Z, 2.9nm, 1.2s Topopah Spring	93.31	53	P	P	P	14 01 00.7 +1.4
TPNV	Topopah Spring	93.31	53	P	P	Iamb	14 00 59.4 +0.1
TPNV	comp-Z, 2.9nm, 1.2s Paulatuk	93.37	21	P	P	Iamb	14 01 07.6
C36M	Paulatuk	93.37	21	P	P	Iamb	14 01 07.6
C36M	Paulatuk	93.37	21	Iamb	Iamb	Iamb	14 01 15.2
TUQ	Turquoise Moun	93.41	55	P	P	P	14 00 59.3 -0.4
A36M	Sachs Harbour	93.50	18	P	P	P	14 00 59.4 +0.3
GMRC	Granite Mounta	93.55	56	P	P	P	14 01 00.5 0.0
BC3	Big Chuckawall	93.57	61	P	P	P	14 01 01.1 +0.4
IRM	Iron Mountain	93.91	56	P	P	P	14 01 02.4 +0.4
R11A	Troy Canyon, C	93.98	52	P	P	P	14 01 03.2 +0.8
SHPR	Sheep Range	94.13	54	P	P	Iamb	14 01 03.3 +0.2
SHPR	comp-Z, 4.9nm, 1.5s Elko	94.47	50	P	P	P	14 01 03.0 -1.7
ELK	Elko	94.47	50	P	P	P	14 01 03.0 -1.7
ELK	Yellowknife Ar	96.42	28	P	P	P	14 01 11.5 -1.2
YKA	comp-Z, 6.5nm, 0.6s, baz=261, slow=4.3, SNR=37	96.42	28	P	P	PKKP	14 17 58.4 -1.8
NVL	comp-Z, 1.0nm, 0.9s, baz=96.54, slow=3.1, SNR=6.1	98.54	192	eP	P	P	14 01 14.2 -8.0
NVL	N'azarevskaya	98.54	192	eP	P	P	14 01 14.2 -8.0
PDAR	Pinedale Array	98.83	48	P	P	P	14 01 23.6 -0.8
ARU	Arti	99.24	326	i	P	Pdf	14 01 24.9 -0.6
GEYT	Alibeck	99.53	307	P	P	Pdf	14 01 26.1 -1.3
TXAR	Lajitas Array	103.42	62	P	P	PKKPbc	14 17 39.4 +0.2
JCT	Junction City	106.76	60	PKIKP	PKIKP	PKIKP	14 06 11.7 +1.8
ABTX	Abilene, Hawle	106.82	58	PKIKP	PKIKP	PKIKP	14 06 11.5 +1.6
WMOK	Wichita Mounta	107.43	56	PKIKP	PKIKP	PKIKP	14 06 10.1 -0.9
APA	Apatity	108.07	340	ip	P	Pdf	14 02 22.4 +1.8
APA	comp-Z, 1.1nm, 1.1s	108.07	340	ip	P	Pmax	14 02 22.4 +1.8
ECSD	EROS Data Cent	117.21	46	PKIKP	PKIKP	PKIKP	14 06 12.3 +0.1
ARCES	ARCES Array B	109.53	343	PKIKP	PKIKP	PKIKP	14 06 13.7 -0.2
KIV	Kislovodsk	110.71	314	ePKIKP	PKIKP	PKIKP	14 06 15.7 -1.3
OBN	Obninsk	111.64	327	iPKIKP	PKIKP	PKIKP	14 06 18.9 +0.7
BCA	Borka	111.94	312	ip	P	PKIKP	14 06 21.0 +1.8
FINES	FINES Array B	119.64	341	PKIKP	PKIKP	PKIKP	14 06 23.1 +0.9
FINES	comp-Z, 2.5nm, 0.7s, baz=101, slow=1.9, SNR=5.4	119.64	341	PKIKP	PKIKP	PKIKPbc	14 07 05.5 -1.5
FRB	Frisher Bay	115.40	20	PK	PKIKP	PKIKP	14 06 24.9 -0.3
H46A	Fife Lake	116.06	44	P	PKIKP	PKIKP	14 06 27.3 +0.2
DIKM	Dikmen	116.55	313	ip	P	PKIKP	14 06 28.3 +0.0
D1K7	Chapleau	116.67	40	P	PKIKP	PKIKP	14 06 27.7 +0.5
E47A	Iron Bridge	116.75	41	P	PKIKP	PKIKP	14 06 28.6 +0.3
PLCA	Paso Flores	116.83	143	PKP	PKP	PKP	14 06 28.7 -0.1
PLCA	comp-Z, 2.1nm, 0.9s, baz=62, slow=2.0, SNR=3.2	116.83	143	PKP	PKP	PKKPbc	14 16 56.0 -0.2
KMBO	Kilima Mbogo	117.18	265	PKP	PKIKP	PKIKP	14 06 31.5 +1.1
K48A	Perry	117.32	45	P	PKIKP	PKIKP	14 06 30.0 +0.4
L48A	N Adams	117.34	46	P	PKP	PKP	14 06 29.2 -0.4
AKAS	Malin Array Be	117.43	324	PKP	PKP	PKP	14 06 27.9 -1.6
AKASG	comp-Z, 2.4nm, 0.5s, baz=52, slow=2.4, SNR=20	117.43	324	PKP	PKP	PKKPbc	14 16 52.9 -1.3
AKBB	Malin Array Si	117.43	324	PKP	PKP	PKP	14 06 28.5 -1.0
AKBB	Malin Array Si	117.43	324	PKP	PKP	PKP	14 06 28.4 -1.0
E48A	Lockeyer	117.47	41	P	PKP	PKP	14 06 29.7 0.0
N49A	Columbus Grove	117.80	47	P	PKP	PKP	14 06 29.6 -0.9
BR131	Keskin Array S	118.25	311	PKIKP	PKIKP	PKIKP	14 06 30.3 +1.3
BR131	Keskin Array S	118.25	311	PKIKP	PKIKP	PKIKP	14 06 30.3 +1.3
BR131	Keskin Array B	118.25	311	PKP	PKP	PKP	14 06 30.2 -1.4
BRTR	comp-Z, 2.5nm, 0.7s, baz=100, slow=1.2, SNR=8.3	118.25	311	PKP	PKP	PKP	14 16 54.1 +1.2
SS0A	Richmond	118.47	51	P	PKP	PKP	14 06 30.8 -1.1
N50A	Nevada	118.60	47	P	PKIKP	PKIKP	14 06 33.2 +1.1
ANTO	Ankara	118.83	312	ip	P	PKIKP	14 06 34.9 +2.2
ANTO	Ankara	118.83	312	ip	P	PKIKP	14 06 34.9 +2.2
SORM	Soroca	119.01	322	ip	P	PKP	14 06 30.9 -1.7
SORM	Soroca	119.01	322	ip	P	PKP	14 06 30.9 -1.7
SS1A	Beattyville	119.11	51	P	PKP	PKP	14 06 33.1 0.0
F51A	Arnstein	119.13	41	P	PKP	PKP	14 06 31.8 -1.1
MILM	Milestici	119.21	321	ip	P	PKP	14 06 31.9 -1.1
MILM	Tuckaleechee C	119.44	53	PKP	PKP	PKP	14 06 32.8 -1.1
NB2	NORSAR Subarray	119.64	341	PKP	PKP	PKP	14 06 32.0 -1.5
NOA	NORSAR Array B	119.64	341	PKP	PKP	PKP	14 06 31.3 -2.2
E52A	Mattawa	119.80	40	P	PKP	PKP	14 06 33.8 -0.4
BOSA	Bosch	119.88	231	PKP	PKP	PKP	14 06 34.4 -0.7
SADO	Sadowa	120.06	42	PKP	PKP	PKP	14 06 33.6 -1.2
T53A	Wise	120.09	51	P	PKIKP	PKIKP	14 06 36.0 +0.8
N53A	Lisbon	120.26	47	P	PKP	PKP	14 06 34.9 -0.4
G53A	Haliburton	120.27	41	P	PKP	PKP	14 06 34.3 -0.8
ALGO	Algonquin Park	120.31	40	P	PKP	PKP	14 06 35.1 -0.1
E53A	Dumoine, Ponti	120.39	40	P	PKP	PKP	14 06 33.5 -1.8
H53A	Bobcaygeon	120.51	42	P	PKIKP	PKIKP	14 06 35.7 0.0

G54A	Lake Saint Pet	120.51	41	P	PKP	PKP	14 06 34.4 -1.2
MATP	Matopo	120.62	241	PKHCP	PKP	PKP	14 06 32.8
E54A	Lac Daplat, Po	120.67	39	P	PKP	PKP	14 06 34.9 -1.0
D54A	Lac Fusel, La	120.69	38	P	PKP	PKP	14 06 34.6 -1.3
CVDA	Cernavoda	120.71	318	ip	P	PKP	14 06 33.1 -2.8
TESR	Tescani	120.73	321	ip	P	PKP	14 06 32.5 -3.5
O54A	Avella	120.79	47	P	PKP	PKP	14 06 35.5 -0.8
N54A	Sierrone State	120.82	46	P	PKIKP	PKIKP	14 06 36.6 +0.1
Q54A	Coxs Mills	120.82	49	P	PKIKP	PKIKP	14 06 36.8 +0.3
V54A	Nebo	120.86	52	P	PKP	PKP	14 06 35.7 -0.8
M54A	Oil Creek Stat	120.87	45	P	PKP	PKP	14 06 34.8 -1.6
BIZ	Biaz	120.89	321	ip	P	PKP	14 06 35.7 -0.5
VRI	Vrincioia	120.95	321	ip	P	PKIKP	14 06 39.5 +2.9
VRI	Vrincioia	120.95	320	ip	P	PKIKP	14 06 39.5 +2.9
BURAR	Buocovina Array	121.14	322	ip	P	PKIKP	14 06 37.4 +0.4
BURAR	Buocovina Array	121.14	322	ip	P	PKIKP	14 06 37.4 +0.4
LBTB	Lobatse	121.23	235	PKP	PKP	PKP	14 06 37.3 -0.4
SUR	Surutland	121.23	235	PKP	PKP	PKP	14 06 38.0 +0.2
U55A	TA2, Sparta	121.57	51	P	PKP	PKP	14 06 37.2 -0.4
Q55A	Burkannon	121.38	48	P	PKIKP	PKIKP	14 06 38.0 +0.3
H55A	Tweed	121.44	41	P	PKP	PKP	14 06 37.3 0.0
G55A	Calabogie	121.45	40	P	PKP	PKP	14 06 37.3 -0.1
D55A	Sainte-Anne-du	121.48	38	P	PKP	PKP	14 06 36.6 -0.8
L55A	Hinsdale	121.49	44	P	PKP	PKP	14 06 35.4 -2.2
KM5C	Kings Mountain	121.50	53	P	PKP	PKP	14 06 37.5 -0.3
M55A	Ridgway	121.55	45	P	PKP	PKP	14 06 37.0 -0.7
K55A	Emporium	121.55	44	P	PKIKP	PKIKP	14 06 37.7 -0.1
O55A	Ligonier	121.56	47	P	PKP	PKP	14 06 36.9 -0.9
MLR	Muntele Rosu	121.61	320	ip	P	PKP	14 06 37.1 -0.8
MLR	Muntele Rosu	121.61	320	ip	P	PKP	14 06 37.1 -0.8
SCHO	Schefferville	121.86	27	PKP	PKP	PKP	14 06 38.0 -0.1
SCHO	comp-Z, 2.1nm, 0.7s, baz=311, slow=3.4, SNR=2.3	121.86	27	PKP	PKP	PKPbc	14 16 40.0 +1.9
X56A	White Oak	121.91	54	P	PKP	PKP	14 06 37.7 -0.9
M56A	Emporium	121.92	45	P	PKIKP	PKIKP	14 06 38.8 +0.2
E56A	St. Veronique	121.96	38	P	PKP	PKP	14 06 38.1 -0.3
H56A	Elgin	122.02	41	P	PKP	PKP	14 06 37.8 -0.7
R4ZG	Razgrad	122.03	318	ip	P	PKP	14 06 37.3 -1.2
O56A	Blue Knob Stat	122.07	46	P	PKP	PKP	14 06 38.6 -0.2
L56A	Emporium	122.12	44	P	PKIKP	PKIKP	14 06 39.2 +0.2
KOLS	Kolonickie sedl	122.24	325	ePKIKP	PKIKP	PKIKP	14 06 40.8 +1.8
KOLS	Kolonickie sedl	122.24	325	ePKIKP	PKIKP	PKIKP	14 06 40.8 +1.8
UZH	Uzhgorod	122.38	325	eP	P	P	14 03 06.6 -2.0
SSPA	Staining Stone	122.43	46	P	PKP	PKP	14 06 39.3 -0.1
SSPA	Standing Stone	122.43	46	P	PKIKP	PKIKP	14 06 39.5 -0.1
D57A	Chemin Vers le	122.44	38	P	PKP	PKP	14 06 39.0 -0.3
ARR	Arges	122.50	320	ip	P	PKP	14 06 38.9 -0.5
V57A	Coltrane Farms	122.53	52	P	PKIKP	PKIKP	14 06 39.9 -0.1
W57A	Gilead	122.56	53	P	PKP	PKP	14 06 38.4 -1.4
E57A	Chemin Saint G	122.57	38	P	PKP	PKP	14 06 37.7 -0.8
K57A	Scipio Center	122.60	43	P	PKP	PKP	14 06 39.4 -0.3
N57A	Scipio Center	122.63	46	P	PKP	PKP	14 06 38.9 -0.9
G57A	Newington	122.63	40	P	PKP	PKP	14 06 39.4 -0.2
L57A	Andreas Acres	122.66	44	P	PKIKP	PKIKP	14 06 40.0 0.0
LSZ	Lusaka	122.67	247	PKP	PKIKP	PKIKP	14 06 42.1 +1.2
LSZ	Lusaka	122.67	247	PKP	PKIKP	PKIKP	14 06 42.0 +1.1
I57A	Carthage	122.69	41	P	PKP	PKP	14 06 39.8 0.0
M57A	Sunshine Farm,	122.71	45	P	PKP	PKP	14 06 39.6 -0.3
CEI	Plesco	122.75	324	ip	P	PKP	14 06 31.9
CEI	Carei	122.75	324	ip	P	PKP	14 06 31.9
O57A	Amberson	122.76	46	P	PKP	PKP	14 06 39.6 -0.5
LONY	Lake Ozonia	123.10	40	P	PKP	PKP	14 06 40.6 -0.1
E58A	La Victoria	123.12	38	P	PKP	PKP	14 06 39.9 -0.6
M58A	Price's Panora	123.17	45	P	PKIKP	PKIKP	14 06 41.1 0.0
BINY	Binghamton	123.17	43	P	PKP	PKP	14 06 40.2 -0.6
J58A	Remsen	123.17	42	P	PKP	PKP	14 06 40.7 0.0
J58A	Remsen	123.17	42	P	PKIKP	PKIKP	14 06 41.0 0.0
K58A	Earlville	123.18	43	P	PKP	PKP	14 06 39.9 -0.9
N58A	Sunbury	123.19	45				

s-maj=73.4km s-min=30.4km az=133.0,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, ILAR Eielson Array, YKA Yellowknife Ar, TORO Torodi Ar. Bea.

IDC 19 13:58:06.8±1.1, 7.04S:154.92E, h0km, mb4.4/12, mb1 4.6/13, mb1mx4.3/50, mbtmp4.4/13, ML4.4/1, Error ellipse: s-maj=32.2km s-min=21.3km az=128.0, NEIC 19 13:58:13.0±2.2, 6.9S:0.1±154.81E:0.0, h35km, 1km, mb4.6/16, Error ellipse: s-maj=21.5km s-min=10.6km az=150.0

ISC 19 13:58:13.7±0.6, 6.92S:0.09±154.8E:0.1, h41km, n36, ±193/32, mb4.5/19, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Keravat (AS076), PMG Port Moresby, COEN Coen, CTA Charters Tower, EIDS Eidsvold, DZM Mont Dzumac, WRO Warramunga Arr, ARMA Armidale, WB2 Warramunga Arr, WRA Warramunga Arr, MTN Mantion Dam, SIJU Sorong, MSVF Nonsavu, AS31 Alice Springs, ASAR Alice Springs, KNRA Kununurra, FITZ Fitzroy Crossi, FORT Forrest, JNU Nakatsue, MKAR Makanchi Array, ILAR Eielson Array, ZALV Zalesovo Beam, MAW Mawson, MAWK Mawson, KURK Kurchatov, KURKB Kurchatov Arra, NVAR Mina Array Bea, BVAR Borovoye Array, YKA Yellowknife Ar, TORO Torodi Ar. Bea.

IDC 19 14:02:51.3±1.1, 6.33S:155.18E, h0km, mb3.9/9, mb1 4.1/11, mb1mx3.9/41, mbtmp3.9/11, ML3.8/2, Error ellipse: s-maj=32.3km s-min=22.1km az=124.0, NEIC 19 14:02:55.7±2.8, 6.45S:0.05±155.2E:0.1, h35km, 1km, mb4.5/10, Error ellipse: s-maj=19.2km s-min=8.7km az=91.0

ISC 19 14:02:57.5±0.7, 6.55S:0.09±155.17E:0.09, h56km, n24, ±160/23, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), HNR Honiara, COEN Coen, CTA Charters Tower, DZM Mont Dzumac, WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, KNRA Kununurra, CAN Canberra, FITZ Fitzroy Crossi, TOO Toolangi, GIRL Giralala, TPUB Ta-pu, USAOB Ussuriysk Arra, USRK Ussuriysk Arr, CMAR Chiang Mai Arr, SONM Sogino Array, ILAR Eielson Array, MKAR Makanchi Array, YKA Yellowknife Ar.

IDC 19 14:04:19.2±2.0, 7.15S:155.50E, h0km, mb3.8/6, mb1 4.1/6, mb1mx3.7/37, mbtmp3.8/6, Error ellipse: s-maj=72.6km s-min=29.5km az=131.0, NEIC 19 14:04:26.0±2.0, 7.2S:0.2±155.1E:0.2, h35km, 2km, mb4.6/8, Error ellipse: s-maj=38.4km s-min=30.2km az=109.0

ISC 19 14:04:26.6±1.0, 7.1S:0.1±155.3E:0.2, h50km, n18, ±129/18, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARMA Armidale, SAUI Saumiaki, WR0 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Warramunga Arr, MTN Mantion Dam, AS31 Alice Springs, ASAR Alice Springs, CAN Canberra, BBOO Buclekboo, TOO Toolangi, MORW Morawa, NWAO Narragoin (SR0), CMAR Chiang Mai Arr, ILAR Eielson Array, MKAR Makanchi Array, YKA Yellowknife Ar.

IDC 19 14:04:55.0±1.2, 7.13S:155.16E, h0km, mb4.0/11, mb1 4.2/12, mb1mx4.0/41, mbtmp4.0/12, ML4.1/1, Error ellipse: s-maj=37.2km s-min=24.1km az=140.0

ISC 19 14:05:01.6±1.0, 7.0S:0.2±155.0E:0.2, h41km, n14, ±125/14, mb3.9/11, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, SIJU Sorong, ASAR Alice Springs, PETK Petropavlovsk, CMAR Chiang Mai Arr, SONM Sogino Array, ILAR Eielson Array, MKAR Makanchi Array, ZALV Zalesovo Beam, NVAR Mina Array Bea, YKA Yellowknife Ar, GERES Geres Array B, TORO Torodi Ar. Bea.

JMA 19 14:06:47.7±2.2, 95N:121.50E, h24km, 2km, M2.9

TAP 19 14:06:48.0±2.2, 97N:121.44E, h13km, ML3.3, 3.B

ISC 19 14:06:47.7±1.0, 22.95N:121.50E:0.02, h20km, 3km, n90, ±0574/143, 4C-10Z, Taiwan region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CHKT Chengkung, CHKT, TWH Lutao, TWH, FULB Fuli, FULB, TTN Taitung, TTN, TWGBT Beinan, TWGB, TWG Pinlang, TWG, TWY Yuli, TWY, TWF1, YULB Yu-li, YULB, ELDTW Lidau, ELDTW, HGSD Ruisui, HGSD, EHY Hungye, EHY, ECL Taimali, ECL, STYT Tauyuan, STYT, EGFH Guangfu, EGFH, YUS Yu-Shan, YUS, YLGS Luigi, YLGS, SLGT, TAW Tawu, TAW, SSD Sandimint, SSD, EAST Anshuo.

Table with columns: ALS, Alishan, SGST Jiashan, SGST, ESL Shiin, ESL, WVDL WVDL, WVDT, WTP Ta-pu, WTP, MASBT Mashbuluo, TPUB Ta-pu, TPUB, LAY Lan-yu, LAY, CHN4 Tsauhsan, CHN4, CHN1 Nanshi, CHN1, WHYT Xinyi Township, ENLB Shoufeng, ENLB, SNST Tainan City, SNST, SSSLB Suanglung, SSPT Xinbi, SSPT, TWK Hsiinying, TWK, CHN5 Tsauling, SCZT, SCZT, TWM1 Shouhsan, HWA Hwaihan, OWD Renai, CHN3 Shinhua, SMLT Sun Moon Lake, SNJT Kaoshiung City, CHN2 Miaoliung, TYC Yuchr, WJS Zhushan, WJS, CHY Chiayi, CHY, WKG Gukung, WKG, TWD Chiawan, TWD, CHGB Renai, CHGB, WDLH Douliu, WDLH, WNT Mingjian, WNT, TWKBT Hengchun, TWKBT, TWK1 Hengchun, TWK1, TWK1, WLCH Liuchiu, DPDB Guoxing, DPDB, WHF Hehuan Shan, WHF, TWP Hsiaoiluchiu, WLGFB Puz, NACB Ninganchiao, CHN8, ET LH Xiulin Townshi, RLNB Erlin, WHP Taichung City, NNSB Datong, NNSH Datong, NNS Nan Shan, TWQ1 Lityuan, TWQ1, WDJ Dai District, NDT Datong Townshi, EOST EOST, YHNB Yeheng, WDGJ Tungji, NNST Nanjiang, LIOB Emei, PHUB P'eng-hu, JYNG Yonagunijimaku, JYNG, YJNG Yonaguni jima.

19d 14h

Table with columns: LBLI, Labuha, 28.10 282, P, P, 14 30 28.2 +1.0, etc. Lists various stations and their coordinates and frequencies.

20 APR

Table with columns: NVAR, Mina Array Bea, 91.81 52, P, P, 14 37 44.0 +0.8, etc. Lists various stations and their coordinates and frequencies.

1424

Table with columns: mb1 4.5/22, mb1mx4.3/48, mbtmp4.3/22, ML2.9/2, Error ellipse, etc. Lists various stations and their coordinates and frequencies.

19d 14h

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, FITZ Fitzroy Crossi, etc.

IDC 19 14:47:41.7±1.6, 5.47S; 155.03E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.7/40, mbtmp3.7/3, Error ellipse: s-maj=57.8km s-min=28.6km az=126.0

NEIC 19 14:47:45.0±2.6, 5.9S; 0.1:155.2E; 0.2, h35km±2km, mb4.5/6, Error ellipse: s-maj=30.2km s-min=22.4km az=82.0

ISC 19 14:47:44.0±0.8, 5.9S; 0.1:155.2E; 0.2, h35km, n14, ±192/15, mb3.7/10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 19 14:48:05.3±2.5, 5.97S; 154.73E, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.4/40, mbtmp3.8/3, Error ellipse: s-maj=113.8km s-min=40.8km az=123.0

Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ASAR Alice Springs, MKAR Makanchi Arr, YKA Yellowknife Ar, etc.

IDC 19 14:49:47.5±2.8, 7.05S; 154.52E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.6/38, mbtmp3.6/5, Error ellipse: s-maj=123.7km s-min=26.2km az=124.0

Bougainville-Solomon Islands region

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

IDC 19 14:54:26.9±1.0, 7.11S; 155.05E, h0km, mb4.1/12, mb1 4.3/14, mb1mx4.2/39, mbtmp4.2/14, ML2.3/1, MS5.4/1, Ms1 5.4/1, ms1mx4.3/46, Error ellipse: s-maj=29.9km s-min=18.1km az=33.0

NEIC 19 14:54:30.9±2.9, 7.25S; 0.08:155.20E; 0.05, h35km±1km, mb4.3/5, Error ellipse: s-maj=14.9km s-min=6.8km az=33.0

ISC 19 14:54:31.6±0.7, 7.17S; 0.09:155.18E; 0.08, h41km, n35, ±120/35, mb4.3/14, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

2014 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ODAN Odare, GUN Gumba, PKI Pulchoki, etc.

NEIC 19 14:55:38.4±0.6, 10.93S; 0.05:163.0E; 0.1, h10km±2km, mb4.8/12, Error ellipse: s-maj=19.3km s-min=7.9km az=83.0

IDC 19 14:55:56.1±2.7, 11.22S; 162.27E, h74km±22km, mb3.9/6, mb1 4.1/8, mb1mx3.8/42, mbtmp4.3/8, Error ellipse: s-maj=34.2km s-min=18.7km az=56.0

ISC 19 14:55:50.8±1.1, 11.6S; 0.1:162.1E; 0.1, h39km, n19, ±198/18, mb4.5/8, Bougainville-Solomon Islands region

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

IDC 19 14:56:25.1±0.5, 6.97S; 155.01E, h0km, mb4.4/23, mb1 4.6/27, mb1mx4.5/41, mbtmp4.4/27, ML3.6/4, Error ellipse: s-maj=15.6km s-min=13.7km az=112.0

NEIC 19 14:56:31.2±2.6, 6.95S; 0.08:154.91E; 0.05, h35km±1km, mb4.9/26, Error ellipse: s-maj=15.4km s-min=9.0km az=12.0

DJA 19 14:56:31.4±0.7, 7.54S; 155.05E, h14km±3km, M5.0/31, mb5.0/31, mb5.4/2, Mw(mb)4.9/2

BUI 19 14:56:37.5±0.0, 7.49S; 154.42E, h104km, mb5.0/3, mb4.8/42

ISC 19 14:56:31.6±0.4, 6.99S; 0.06:154.93E; 0.07, h41km, n104, ±150/102, mb4.8/48, 2C-2D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

1426

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ERM Erimo, KSR Korea Arr, NJ2 Nanjing, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like P52A Corning, AC50 Alum Creek Sta, S56A Natural Bridge, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like J57A Williamstown, L60A Shokan, H55A Wood River, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like A36M Sachs Harbour, CCB Clear Creek Bu, WRH Wood River Hill, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CLL Collin, DAVA Damuete, YAK Yakutsk, MOTA Moosalm, GERES GERESS Array B, etc.

IDA 19 15:01:42.1-2.9, 6:80S; 129.44E, h110km, mb3.9/1, m1 4.0/5, mb1mx3.4/45, mbtmp4.3/5, Error ellipse: s-maj=63.3km s-min=21.4km az=91.0, NEIC 19 15:01:43.9-3.0, 6:78S; 0.06E; 129.81E; 0.08, h169km, 11km, mb4.1/4, Error ellipse: s-maj=12.6km s-min=8.0km az=69.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like SAUI Saumaki, FAKI Fak Fak, SIJI Sorong, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like WB2 Warramunga Arr, WR0 Warramunga Arr, COEN Coen, etc.

IDA 19 15:04:24.6; 1.6, 6:38S; 155.04E, h0km, mb3.9/1, m1 4.1/11, mb1mx3.9/43, mbtmp3.9/11, Error ellipse: s-maj=51.3km s-min=25.3km az=124.0, ISC 19 15:04:32.1-1.2, 6:55-0.1; 155.1E; 0.2, h56km, n14, 103/13/14, mb3.8/11, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like KRVT Keravat (AS076), PMG Port Moresby, WRA Warramunga Arr, etc.

IDA 19 15:04:41.2, 0.0, 6:30N; 167.22E, h0km, mb1 3.5/2, mb1mx3.0/49, mbtmp3.4/2, ML2.1/3, Error ellipse: s-maj=15.5km s-min=5.6km az=169.0, HEL 19 15:04:41.4, 0.1, 6:32N; 167.22E, h0km, ML1.8, ML1.8(UPP), Suspected explosion

UPP 19 15:04:41.0, 0.2, 6:32N; 167.23E, h1km, ML2.0, Explosion ISC 19 15:04:38.8, 0.6, 8:03N; 0.003; 163.00E; 0.03, h0km, n31, 19117/38, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like OSTU Oestervaa, BACU Backbrunna, FIBU Brunna, etc.

IDA 19 15:06:43.1±0.6, 6:43S; 154.40E, h0km, mb4.3/16, mb1 4.5/19, mb1mx4.3/46, mbtmp4.3/19, ML1.5/1, Error ellipse: s-maj=21.3km s-min=17.0km az=121.0, DJA 19 15:06:51.9, 0.5, 7:54; 1.5; 145E, h45km, M4.7/13, mb4.5/13, mb4.7/11, ML4.7/8, Mw(mb)4.0/7, ISC 19 15:06:49.0, 0.5, 6:51S; 0.08E; 154.58E; 0.08, h48km, n38, 187/18/37, mb4.3/21, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like KRVT Keravat (AS076), HNR Honiara, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like JUNU Nakatsue, MDSI Maura Duz, KRSR Korea Array, etc.

IDA 19 15:12:43.4, 1.2, 2:49N; 99.02E, h152km, 4km, mb3.2/6, mb1 3.4/7, mb1mx3.1/47, mbtmp3.7/7, Error ellipse: s-maj=73.4km s-min=17.8km az=58.0, DJA 19 15:12:44.5, 0.5, 2:54; 9.9E; 1, h144km, 6km, M3.4/7, ML3.4/7, ISC 19 15:12:44.0, 0.8, 2:45N; 0.08E; 99.1E; 0.1, h150km, n22, 2207/23, mb3.4/6, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like PSI Prapat, KCSI Kotacane, MNSI Mandailing Nat, etc.

IDA 19 15:13:35.4, 1.6, 7:22S; 154.31E, h0km, mb3.9/5, mb1 4.7/17, mb1mx3.7/41, mbtmp4.0/7, ML4.2/2, Error ellipse: s-maj=28.2km s-min=25.0km az=94.0, NEIC 19 15:13:39.8, 1.9, 6:92S; 0.09E; 154.54E; 0.05, h35km, 1km, mb4.4/9, Error ellipse: s-maj=15.1km s-min=7.1km az=342.0, ISC 19 15:13:39.7, 0.8, 6:74S; 0.09E; 154.48E; 0.09, h39km, n30, 1864/30, mb4.3/9, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like RABL Rabaul, KRVT Keravat (AS076), HNR Honiara, etc.

IDA 19 15:15:01:42.7, 0.7, 6:83S; 0.06E; 129.94E; 0.08, h150km, n21, 283/24, mb4.0/3, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like WRAB Warramunga Arr, WRB2 Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like MKR1 Makanchi Array and ZALV Zalesovo Beam.

IDC 19 15:25:03.9.1.7.7.03S:154.77E,h0km,mb4.1/5, mb1 4.4/6, mb1mx3.8/37, mbtmp4.2/6, Error ellipse: s-maj=52.7km s-min=27.0km az=124.0, NEIC 19 15:25:09.3.0.8.7.15.0.2:154.8E:0.3,h35km,2km, mb4.4/4, Error ellipse: s-maj=43.1km s-min=31.3km az=109.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat (AS076) and WRO Warramunga Arr.

IDC 19 15:28:17.4.1.9.6.98S:154.98E,h0km,mb3.6/4, mb1 3.8/5, mb1mx3.5/37, mbtmp3.6/5, ML3.7/1, Error ellipse: s-maj=55.7km s-min=32.6km az=127.0, NEIC 19 15:28:23.6.0.4.6.55S:0.3:154.4E:0.3,h32km,9km, mb4.4/4, Error ellipse: s-maj=56.2km s-min=24.0km az=134.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat (AS076) and WRO Warramunga Arr.

IDC 19 15:28:37.0.1.7.7.08S:154.81E,h0km,mb3.7/4, mb1 3.9/5, mb1mx3.6/37, mbtmp3.7/5, ML3.7/1, Error ellipse: s-maj=47.7km s-min=31.0km az=121.0, NEIC 19 15:28:43.7.1.6.7.05S:0.2:154.6E:0.2,h41km,n6,c025/6, mb3.6/4,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat (AS076) and WRO Warramunga Arr.

IDC 19 15:31:44.0.999.0.1643S:171.82W,h0km,mb2.1/2, s-maj=570.7km s-min=27.2km az=88.0,Southern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat (AS076) and WRO Warramunga Arr.

IDC 19 15:31:54.3.1.9.6.99S:154.71E,h0km,mb3.6/5, mb1 3.8/6, mb1mx3.5/35, mbtmp3.6/6, ML3.8/1, Error ellipse: s-maj=52.4km s-min=29.6km az=120.0, NEIC 19 15:31:58.2.2.7.2S:0.2:155.1E:0.1,h35km,2km, mb4.5/4, Error ellipse: s-maj=31.3km s-min=21.7km az=29.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat (AS076) and WRO Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like HNR Honiara and PMG Port Moresby.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like CTAO Charters Tower and EIDS Eidsvold.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like BBOO Buckleboe and KMSI Cibunog.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like USRK Ussuriysk and PETK Petropavlovsk.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like SONM Songino Array and VDA Vanda.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like MKR1 Makanchi Array and ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat (AS076) and WRO Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat (AS076) and WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like FITZ Fitzroy Crossi and CMAR Chiang Mai Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like WRO Warramunga Arr and WRO Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat (AS076) and WRO Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like ZALV Zalesovo Beam and EGAK Eagle.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat (AS076) and WRO Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KRVT Keravat (AS076) and WRO Warramunga Arr.

mb4.5/12, Error ellipse: s-maj=19.8km s-min=16.2km az=96.0

ISC 19.15:59:25.0-7.6, 8.8S; 0.07:154.7E; 0.1, h41km, n44,

c1875/44, mb4.4/18, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like SONM Songio Array, VVDA Vanda, LSA Lhasa, etc.

16 13 49.3 +0.2
16 13 59.9 +0.8
16 14 00.9 -0.8
16 14 10.5 +0.7
16 14 15.5 +0.5
16 14 19.1 -0.1
16 14 23.0 +0.5
16 14 25.1 +0.7
16 14 26.0 -0.2
16 14 26.1 -0.1
16 14 27.2 +0.2
16 14 28.0 +0.4
16 14 30.4 0.0
16 14 35.4 +0.1
16 14 38.1 -0.4
16 14 53.5 +0.8
16 15 09.7 +0.7
16 15 09.5 +0.4
16 15 09.8 +0.2
16 15 12.0 -0.8
16 15 52.7 +1.1
16 16 11.3 0.0
16 21 30.2 -0.3
16 21 47.0 +0.2
16 22 30.6 +0.2
16 22 40.7 -0.3

IDC 19 16:06:38.7-0.9, 6.90S; 155.10E, h0km, mb4.2/12,

mb1 4.4/14, mb1mx4.2/34, mbtmp4.2/14, ML 1.9/1, Error

ellipse: s-maj=29.6km s-min=18.8km az=140.0

ISC 19 16:05:44.7-0.8, 6.60S; 0.1:155.11E; 0.10, h41km, n27,

c077/23, mb4.2/12, Bougainville-Solomon Islands

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

16 13 49.3 +0.2
16 13 59.9 +0.8
16 14 00.9 -0.8
16 14 10.5 +0.7
16 14 15.5 +0.5
16 14 19.1 -0.1
16 14 23.0 +0.5
16 14 25.1 +0.7
16 14 26.0 -0.2
16 14 26.1 -0.1
16 14 27.2 +0.2
16 14 28.0 +0.4
16 14 30.4 0.0
16 14 35.4 +0.1
16 14 38.1 -0.4
16 14 53.5 +0.8
16 15 09.7 +0.7
16 15 09.5 +0.4
16 15 09.8 +0.2
16 15 12.0 -0.8
16 15 52.7 +1.1
16 16 11.3 0.0
16 21 30.2 -0.3
16 21 47.0 +0.2
16 22 30.6 +0.2
16 22 40.7 -0.3

IDC 19 16:02:41.7-0.6, 6.76S; 154.69E, h0km, mb4.3/15,

mb1 4.4/19, mb1mx4.2/41, mbtmp4.3/19, ML2.8/2, Error

ellipse: s-maj=19.3km s-min=15.9km az=111.0

NEIC 19 16:02:47.1-1.6, 6.87S; 0.05:154.60E; 0.08, h35km, 1km,

mb4.5/16, Error ellipse: s-maj=13.1km s-min=8.6km

ISC 19 16:02:47.2-0.5, 6.81S; 0.06:154.75E; 0.07, h39km, n54,

c1903/51, mb4.3/21, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

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

16 13 49.3 +0.2
16 13 59.9 +0.8
16 14 00.9 -0.8
16 14 10.5 +0.7
16 14 15.5 +0.5
16 14 19.1 -0.1
16 14 23.0 +0.5
16 14 25.1 +0.7
16 14 26.0 -0.2
16 14 26.1 -0.1
16 14 27.2 +0.2
16 14 28.0 +0.4
16 14 30.4 0.0
16 14 35.4 +0.1
16 14 38.1 -0.4
16 14 53.5 +0.8
16 15 09.7 +0.7
16 15 09.5 +0.4
16 15 09.8 +0.2
16 15 12.0 -0.8
16 15 52.7 +1.1
16 16 11.3 0.0
16 21 30.2 -0.3
16 21 47.0 +0.2
16 22 30.6 +0.2
16 22 40.7 -0.3

IDC 19 16:16:54.7-1.7, 7.06S; 154.50E, h0km, mb3.5/4,

mb1 3.8/5, mb1mx3.5/29, mbtmp3.6/5, ML3.9/1, Error

ellipse: s-maj=47.8km s-min=31.7km az=122.0

ISC 19 16:17:00.7-1.4, 7.05S; 0.12:154.45E; 0.2, h39km, n6,

c0836/6, mb3.5/4, Bougainville-Solomon Islands

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

16 13 49.3 +0.2
16 13 59.9 +0.8
16 14 00.9 -0.8
16 14 10.5 +0.7
16 14 15.5 +0.5
16 14 19.1 -0.1
16 14 23.0 +0.5
16 14 25.1 +0.7
16 14 26.0 -0.2
16 14 26.1 -0.1
16 14 27.2 +0.2
16 14 28.0 +0.4
16 14 30.4 0.0
16 14 35.4 +0.1
16 14 38.1 -0.4
16 14 53.5 +0.8
16 15 09.7 +0.7
16 15 09.5 +0.4
16 15 09.8 +0.2
16 15 12.0 -0.8
16 15 52.7 +1.1
16 16 11.3 0.0
16 21 30.2 -0.3
16 21 47.0 +0.2
16 22 30.6 +0.2
16 22 40.7 -0.3

IDC 19 16:17:26.0-0.6, 6.91S; 154.75E, h0km, mb4.2/14,

mb1 4.4/18, mb1mx4.3/32, mbtmp4.2/18, ML4.0/3, Error

ellipse: s-maj=18.1km s-min=18.1km az=34.0

NEIC 19 16:17:25.4-2.5, 6.92S; 0.09:154.84E; 0.08, h35km, 1km,

mb4.3/12, Error ellipse: s-maj=16.7km s-min=12.0km

az=34.0

ISC 19 16:17:26.3-0.5, 6.92S; 0.07:154.80E; 0.07, h41km, n48,

c1919/51, mb4.3/20, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DMN Daman, GKN Gorkha, DANN Dangsing, etc.

IDC 19 16:27:49.0, 7.704S: 154.65E, h0km, mb4.1/12, mb1.4.3/14, mb1mx4.2/30, mbtmp4.0/8, ML3.9/1, Error ellipse: s-maj=23.8km s-min=20.7km az=97.0

NEIC 19 16:27:53.3, 1.8.701S: 0.09, 154.53E: 0.09, h35km, 1km, mb4.4/13, Error ellipse: s-maj=19.5km s-min=10.7km az=220.0

ISC 19 16:27:53.8, 0.6, 7.05S: 0.07, 154.6E: 0.1, h39km, n42, c081/43, mb4.2/18, Bougainville-Solomon Islands region

Main station list table for 19d 16h, including stations like RABUL Rabaul, KRVT Keravat, CTAO Charters Tower, etc.

IDC 19 16:27:14.2, 1.7, 7.00S: 155.17E, h0km, mb4.0/7, mb1.4.2/8, mb1mx3.9/28, mbtmp4.0/8, ML3.8/1, Error ellipse: s-maj=43.1km s-min=27.6km az=120.0

NEIC 19 16:27:19.4, 2.3, 6.94S: 0.1, 155.10E: 0.04, h35km, 2km, mb4.4/15, Error ellipse: s-maj=17.8km s-min=3.1km az=200.0

ISC 19 16:27:19.6, 0.7, 6.98S: 0.09, 155.1E: 0.1, h41km, n27, c1943/27, mb4.1/16, Bougainville-Solomon Islands region

Main station list table for 19d 16h, including stations like RABUL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

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

IDC 19 16:27:36.6, 1.6, 38.54N: 20.72E, h0km, mb3.5/5, mb1.3.6/6, mb1mx3.4/31, mbtmp3.5/6, ML3.2/1, Error ellipse: s-maj=33.3km s-min=26.6km az=101.0

IASPEI 19 16:27:37.3, 0.8, 38.31N: 0.02, 20.52E: 0.03, h17km, 5km, mb3.5/5, Error ellipse: s-maj=4.3km s-min=2.8km az=93.3

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.>, <0>80</0>, 465-472, 2009

ATH 19 16:27:37.9, 38.31N: 20.50E, h16km, ML3.2/21, Error ellipse: s-maj=1.3km s-min=0.6km az=257.0

THE 19 16:27:38.3, 38.31N: 20.49E, h13km, 1km, ML3.6/10, Error ellipse: s-maj=1.2km s-min=0.4km az=251.0

ISC 19 16:27:37.2, 0.7, 38.33N: 0.02, 20.52E: 0.03, h17km, 4km, n94, c122/122, mb3.5/5, 6C-4D, Greece

Main station list table for 2014 APR, including stations like KEF1 Kardakata, KEF2 Kardakata, KEF3 Kardakata, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AMT Artemida-Makis, AMT Artemida, KALE Kalithea, etc.

IDC 19 16:31:36.2, 1.0, 7.04S: 155.12E, h0km, mb4.1/10, mb1.4.3/12, mb1mx4.0/37, mbtmp4.1/12, ML2.0/1, MS5.3/1, MS1.5.3/1, ms1mx4.5/53, Error ellipse: s-maj=32.5km s-min=19.5km az=140.0

NEIC 19 16:31:40.2, 2.5, 7.42S: 0.09, 155.05E: 0.04, h35km, 2km, mb4.5/15, Error ellipse: s-maj=16.4km s-min=3.1km az=200.0

ISC 19 16:31:40.7, 0.5, 7.28S: 0.07, 154.99E: 0.07, h35km, n48, c1891/48, mb4.2/19, Bougainville-Solomon Islands region

Main station list table for 1434, including stations like RABUL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

IDC 19 16:31:36.2, 1.0, 7.04S: 155.12E, h0km, mb4.1/10, mb1.4.3/12, mb1mx4.0/37, mbtmp4.1/12, ML2.0/1, MS5.3/1, MS1.5.3/1, ms1mx4.5/53, Error ellipse: s-maj=32.5km s-min=19.5km az=140.0

NEIC 19 16:31:40.2, 2.5, 7.42S: 0.09, 155.05E: 0.04, h35km, 2km, mb4.5/15, Error ellipse: s-maj=16.4km s-min=3.1km az=200.0

ISC 19 16:31:40.7, 0.5, 7.28S: 0.07, 154.99E: 0.07, h35km, n48, c1891/48, mb4.2/19, Bougainville-Solomon Islands region

Main station list table for 1434, including stations like RABUL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, AS31 Alice Springs, CAN FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, AS31 Alice Springs, ANSA Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like XAN Xi'an, PETK Petropavlovsk, CM31 Chiang Mai Arr, etc.

NEIC 19 16:32:40.3±2.7, 8.5S:0.1×156.71E:0.08, h35km±2km, mb4.4/5, Error ellipse: s-maj=27.7km s-min=7.2km az=24.0

IDC 19 16:32:42.0±3.4, 7.45S:155.31E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.6/36, mbtmp3.8/5, Error ellipse: s-maj=126.5km s-min=28.5km az=120.0

IDC 19 16:32:37.9±0.9, 8.5S:0.1×156.7E:0.1, h21km, n15, 02512/13, mb4.1/8, Bougainville-Solomon Islands region

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

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

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

IDC 19 16:32:59.8±2.7, 9.738S:155.22E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.7/37, mbtmp3.9/6, Error ellipse: s-maj=94.4km s-min=27.3km az=119.0

IDC 19 16:33:25.3±1.0, 6.74S:154.67E, h0km, mb4.0/14, mb1 4.2/14, mb1mx4.0/38, mbtmp4.0/14, Error ellipse: s-maj=94.4km s-min=27.3km az=119.0

IDC 19 16:33:30.6±0.6, 6.96S:154.80E:0.1, h41km, n43, 0125/42, mb4.2/21, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, MTN Mantion Dam, SIJI Sorong, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SYO, MPYC, BVAR, GSC, PFO, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KIV, AKAS, ILAR, etc.

BUI 19 16:41:46.0-0.6, 6.64s, 155.15E, h71km, mb5.4/12, mb4.9/49, Ms5.4/8, Ms7.5/3.8

DJA 19 16:41:47.0-0.5, 7.3s, 151.5E, h56km, mb6.0km, Ms5.1/24, mb5.0/24, Mb5.5/5, mb5.0/4, MLV5.2/3, Mw(mb)5.0/5

ISC 19 16:41:57.9-0.4, 6.65S: 154.73E, h0km, mb4.9/30, mb1.4/9.3/2, mb1mx4.8/52, mbtmp4.9/32, ML3.3/2, Error ellipse: s-maj=16.2km s-min=11.9km az=80.0

ISC 19 16:42:04.9-0.4, 6.61S: 150.07E, 154.69E-0.07, h48km, n87, s154/83, mb4.9/31, Bougainville-Solomon Islands region

MOS 19 16:44:02.0-1.5, 47.98N: 103.54E, h10km, mb4.0/5, Error ellipse: s-maj=17.0km s-min=7.0km az=86.7

ISC 19 16:44:02.6-1.1, 47.56N: 103.55E, h0km, mb3.7/7, mb1.3/7.9, mb1mx3.4/7, mbtmp3.7/9, ML3.3/3, Error ellipse: s-maj=17.6km s-min=11.8km az=175.0

ISC 19 16:44:04.6-0.7, 48.01N: 107.103E, h10km, n34, s112/34, mb3.7/10, L1, Mongolia

NEIC 19 16:46:32.3-2.3, 13.1N: 0.2-92.45W, h23km, 18km, mb4.7/9, Error ellipse: s-maj=26.2km s-min=10.9km az=194.0

GCG 19 16:46:34.4-0.4, 13.04N: 92.32W, h34km, 999km, MD4.0, IDC 19 16:46:40.4-3.9, 14.03N: 92.22W, h0km, mb3.8/5, mb1.4/1.8, mb1mx3.7/48, mbtmp3.8/8, ML4.0/3, Error ellipse: s-maj=68.8km s-min=25.2km az=23.0

ISC 19 16:46:40.2-1.7, 13.5N: 0.2-92.31W, h0.06, h37km, n25, s247/26, mb4.1/8, Off coast of Chiapas

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SONM, ULN, ZAK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IDC, NEIC, ISC, RABL, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MCKinley, Manley, Gilahina Butte, Verde Repeater, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WUAP, Boulder Array, Pinedale Array, Sanae, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Pitinga, Mafra, Beja, Nicolau / Gran, etc.

19d 17h
IDC 19 16:57:46.4, 2.68°06N, 162°78W, h0km, mb3.1/3,
mb1 3.7/5, mb1mx3.3/75, mbtm3.3/5, ML3.6/2, Error
ellipse: s-maj=61.6km s-min=54.1km az=39.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other parameters. Includes stations like Red Dog Mine, Nome, etc.

IDC 19 17:00:41.0, 3.8, 5.34S, 155°12E, h0km, mb3.8/3,
mb1 4.1/3, mb1mx3.5/40, mbtm3.8/3, Error ellipse:
s-maj=153.0km s-min=52.1km az=163.0,
Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other parameters. Includes stations like Chiang Mai Arr, Eilson Array, etc.

INET 19 17:00:58.1, 11°56N, 88°99W, h15km, ML3.8
UCR 19 17:01:00.9, 1.1, 11°78N, 88°90W, h32km, 31km, ML4.0
SNET 19 17:01:01.0, 1.1, 11°82N, 88°89W, h30km, 25km, ML4.1
ISC 19 17:01:02.3, 1.1, 11°81N, 88°86W, 0.07, h41km, n25,
0.82/36, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other parameters. Includes stations like Lacayo, Tecapa, Pacayal, etc.

NEIC 19 17:02:20.2:1.6, 6:55S:08:154.90E:0.04, h39km, 6km, mb4.7/18, Error ellipse: s-maj=11.7km s-min=4.7km az=162.0

IDC 19 17:02:22.6:2.0, 6:54S:154.94E, h62km, 17km, mb4.0/16, mb1 4.2/21, mb1mx4.0/46, mbtmp4.3/21, Error ellipse: s-maj=15.7km s-min=12.2km az=62.0

ISC 19 17:02:21.6:0.4, 6:52S:0:06:154.94E:0.06, h56km, n65, c1930/67, mb4.5/24, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like Rabaul, Keravat, HNR, PMG, etc. with their respective coordinates and times.

IDC 19 17:03:13.2:2.8, 7:76S:155:93E, h0km, mb4.0/5, mb1 4.1/5, mb1mx3.7/38, mbtmp4.0/5, Error ellipse: s-maj=105.3km s-min=36.4km az=127.0

Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like WRA, PETK, MKAR, ZALV, YKA, BOSA, BDBF, TORO, etc.

0.5nm, 0.6s, baz=110, slow=2.0, SNR=1.8

IDC 19 17:07:59.0:1.5, 7:18S:154:95E, h0km, mb3.7/7, mb1 4.0/8, mb1mx3.7/44, mbtmp3.8/8, ML4.0/1, Error ellipse: s-maj=45.8km s-min=25.9km az=123.0

NEIC 19 17:08:02.0:1.0, 7:45S:0:1, 1:55:0E:0.2, h24km, 7km, mb4.1/3, Error ellipse: s-maj=24.3km s-min=14.8km az=21.0

ISC 19 17:08:03.3:1.1, 7:35S:0:1, 154.9E:0.2, h31km, n16, c1930/16, mb3.8/9, Bougainville-Solomon Islands region

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

IDC 19 17:08:38.5:1.4, 7:00S:155:10E, h0km, mb3.9/9, mb1 4.1/10, mb1mx3.9/44, mbtmp3.9/10, ML3.6/1, Error ellipse: s-maj=43.7km s-min=24.6km az=126.0

ISC 19 17:08:45.0:1.0, 7:05S:0:2, 155:0E:0.2, h41km, n11, c1930/11, mb3.9/9, Bougainville-Solomon Islands region

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

IDC 19 17:08:16.8:1.4, 6:50S:154:67E, h0km, mb4.2/4, mb1 4.5/6, mb1mx3.9/44, mbtmp4.3/6, ML3.0/2, Error ellipse: s-maj=41.2km s-min=26.0km az=133.0

NEIC 19 17:09:21.8:2.6, 6:58S:0:0, 105:147E:0.04, h35km, 6km, mb4.6/17, Error ellipse: s-maj=14.4km s-min=4.4km az=196.0

ISC 19 17:09:23.0:0.6, 6:46S:0:07:154.56E:0.08, h48km, n29, c1874/29, mb4.5/13, Bougainville-Solomon Islands region

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

IDC 19 17:10:01.9:0.6, 6:56S:154:79E, h0km, mb4.3/15, mb1 4.4/16, mb1mx4.2/43, mbtmp4.3/16, ML4.1/1, Error ellipse: s-maj=22.1km s-min=17.1km az=76.0

NEIC 19 17:10:07.2:1.7, 6:58S:0:08:154.76E:0.07, h35km, 1km, mb4.6/29, Error ellipse: s-maj=14.4km s-min=10.5km az=201.0

ISC 19 17:10:09.3:0.4, 6:60S:0:07:154.76E:0.08, h56km, n73, c0970/69, mb4.4/27, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like RDOG, GHO, NVA, etc.

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like Rabul, Honiara, Port Moresby, etc. with their respective coordinates and times.

IDC 19 17:10:27.9:1.3, 7:28S:155:14E, h0km, mb4.4/12, mb1 4.6/12, mb1mx4.3/42, mbtmp4.4/12, MS4.8/1, Ms1 4.8/1, ms1mx3.9/47, Error ellipse: s-maj=44.1km s-min=19.4km az=134.0

NEIC 19 17:10:31.7:1.2, 7:35S:0:1, 155:1E:0.1, h30km, 7km, mb4.8/16, Error ellipse: s-maj=22.2km s-min=10.0km az=46.0

DJA 19 17:10:35.2:0.7, 8:5S:11:15:5E:1, h24km, 4km, M4.5/9, mb4.7/9, ML4.5/9

ISC 19 17:10:36.4:1.0, 7:35S:0:1, 155:0E:0.1, h31km, n33, c1806/33, mb4.6/19, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like RABUL, Port Moresby, Honiara, etc.

19d 17h

Table of station data for 19d 17h, including call signs like V58A, Y22D, SS1A, WCI, SLM, ATAH, OLIL, ANMO, P40A, 214A, X16A, W14A, WUAZ, PV13, PV12, U15A, W13A, KNB, PKCU, MTPU, Q16A, SZCU, Cedar City, MSU, MTU, SHPR, TPNV, R11A, SADO, SADO, DELO, HWUT, PDAR, PDAR, BGU, SNOW, ELK, ELK, NV11, FXVY, NVAR, NVAR, IMW, RYN, KVN, PTGA, PTGA, VERR, MGMT, MFID, BEKR, BEKR, ULM, ULM, LRM, WWOR, WWOR, J08A, LPAZ, F10A, PB16, PINE, PINE, MNMC, H04A, LON, LON, SIV, FCC, FCC, SCHO, SCHO, YKA, YKA, CPUP, CPUP, FRB, INK, INK, RES, RES, KDAK, KDAK, IL31, ILAR, ILAR, RSD, MLY, MLY, ESDC, PETK, SONM, MKAR, GEYT, LZH.

2014 APR

Table of station data for 2014 APR, including call signs like LZH, XAN, CMAR, IDC, TNTI, LUTN, MTN, KNRA, FNITZ, FITZ, WRA, WBE2, PSAAI, WRA, ASAR, MKAR, MAZK, KURK, RABL, KRVT, HNR, HNR, PMG, PMG, CTAO, DZM, DZM, FAKI, FAKI, WRO, WRO, SIJI, AS31, ASAR, KNRA, H1S13, H1S12, H1S11, FITZ, FITZ, FITZ, KMMR, KMMR, JOHN, TPUB, SSSL, SSSL, JUNU, JUNU, MAJO, MAJO, KSRS, KSRS, JKA, ASAJ, ASAJ, USRK, KULM, KULM, PBKT, PBKT, PET, PET, PEAOB, PETK, CM31, CM31, CMAR, SONM, ILAR.

1444

Table of station data for 1444, including call signs like GSPA, MKAR, MAZK, ZALV, TOLK, FYU, BDFB, BDFB, TORO, TORO, LEM, LEM, CMAR, WRA, ASAR, SONM, ZALV, BRTR, RABL, KRVT, HNR, HNR, PMG, PMG, CTAO, DZM, DZM, FAKI, FAKI, WRO, WRO, SIJI, AS31, ASAR, KNRA, H1S13, H1S12, H1S11, FITZ, FITZ, FITZ, KMMR, KMMR, JOHN, TPUB, SSSL, SSSL, JUNU, JUNU, MAJO, MAJO, KSRS, KSRS, JKA, ASAJ, ASAJ, USRK, KULM, KULM, PBKT, PBKT, PET, PET, PEAOB, PETK, CM31, CM31, CMAR, SONM, ILAR.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Port Moresby, Charters Tower, Eidsvold, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SUJI, FITZ, WRA, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RABL, KRVT, HNR, etc.

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SUJI, FITZ, WRA, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RABL, KRVT, HNR, etc.

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

19d 17h

2014 APR

1446

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like MEEK Meekatharra, JAGI Jajag, BANYUWA, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like KMI comp=Z,480nm,18.0s, KMI comp=Z,660nm,17.4s, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like DHY comp=Z,19nm,0.8s, NEA Nenana, NEA, etc.

19d 17h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MK31, MKAR, BALM, IL31, etc.

19D 17:55:16.0,0.5,7.08S:154.96E,h0km,mb4.6/30,mb1.4/6.33,mb1mx4.6/47,mbtmp4.6/33,ML2.5/1,MS4.5/2,Ms1.4/5.2,ms1mx3.7/48,Error ellipse: s-maj=15.1km s-min=12.5km az=112.0

BUI 19 17:55:18.3,0.0,6.94S:155.10E,h19km,mb5.4/39,mb4.9/64,Ms5.1/29,Ms7.4/9.28,NEIC 19 17:55:21.8,1.9,7.09S:0.08E:154.85E:0.07,h41kmz2km,mb5.9/138,Error ellipse: s-maj=11.4km s-min=9.4km az=205.0

DJA 19 17:55:22.0,1.9,7.54S:155.15E,h18km,1tkm,MS3/31,mb4.9/31,mb5.6/7,MLV5.7/1,MLW(B)5.1/7,ISC 19 17:55:22.0,3.7,17S:0.05E:154.93E:0.07,h41km,n283,r1863/295,mb5.2/109,2C-2D,Bougainville-Solomon

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

2014 APR

Main table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BKSI, BNSI, KAPI, etc.

1448

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MA2, MA2, GA, etc.

19d 18h

Table with columns: Name, Time, Res, and other details. Includes entries like BARN, MENT, CTGM, etc.

DC 19:18:11.21.7.0.5, 7.14S: 154.81E, h32km, 2km, mb4.3/17, mb1.4.5/18, mb1mx4.4/35, mb1mp4.5/18, ML3.5/1, Error ellipse: s-maj=18.0km s-min=12.8km az=120.0, NEIC 19:18:11.22.4.1.8, 7.15S: 0.08.154.77E, 0.07, h44km, 5km, mb5.1/11, Error ellipse: s-maj=11.8km s-min=9.3km az=210.0, BUJ 19:18:11.25.0.0.0, 7.04S: 154.88E, h68km, mb5.3/29, mb4.9/53, Ms4.9/18, Ms7.4/7.18, DJA 19:18:11.26.4.0.5, 7.54S x 15.15E, h50km, 4km, M4.8/24, mb4.9/24, mb5.3/3, Mw(mb)4.7/3, ISC 19:18:11.22.3.0.4, 7.17S: 0.05.154.83E, 0.06, h40km, 2km, h40km: p-P, n-213, c1934/223, mb5.1/81, 3D, Bougainville-Solomon Islands region

Main table for 19d 18h with columns: Code, Station Name, Az, Phase, Time, Res, and other details. Includes stations like RABL, HNR, PMG, etc.

2014 APR

Main table for 2014 APR with columns: Name, Time, Res, and other details. Includes entries like GYA, GSI, LHHI, etc.

1450

Main table for 1450 with columns: Name, Time, Res, and other details. Includes entries like MKAR, MKAR, BALM, etc.

Table with columns: LPAZ, La Paz, EDSC, Sonseca Array, PTGA, Pitinga, PMTG, Montargil, EVO, Evora, PBEJ, Beja, PNCL, Nicolau / Gran, MESJ, Messajana, PCEV, Castro Verde, PTVO, Sao Teotonio, DBFB, Brasilia, BDFB, Brasilia, MDT, Midelt, TOAO, Torodi Ar. Sit, TORO, Torodi Ar. Bea

IDC 19 18:14:40.46±0.16, 161.62N; 101.53W, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.6/45, mbtmp3.6/3, MS4.2/1, Ms1 4.3/1, ms1mx3.6/48, Error ellipse: s-maj=122.0km s-min=24.9km az=12.0

MEX 19 18:14:50.7±1.7, 17.53N; 101.40W, h18km, 13km, MD4.3, ISC 19 18:14:45.8±0.9, 172.28E; 101.47W; 0.08, h6km, 11km, n14, c1970/21, ND, Near coast of Guerrero

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

JMA 19 18:15:20.9±0.1, 23.24N; 121.43E, h41km, 2km, M2.7, TAP 19 18:15:22.0, 23.27N; 121.42E, h41km, ML3.0, C ISC 19 18:15:22.0±0.9, 23.26N; 121.46E; 0.02, h33km, 2km, n119, c0994/185, 9C-5D, Taiwan

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

Table with columns: WHP, WNS, CHNS, CHNS, SLGT, Liugu, SLGT, CHN4, Tsauhsan, CHN4, CHN4, ECLN, Taimali, ECL, CHN2, SMLT, Sun Moon Lake, SMLT, TW2, Chiawan, SGST, Jiasian, SGST, CHGB, Renai, CHGB, TYC, Yuchr, TYC, CHN1, Nanshi, CHN1, WJS, Zhushan, WJS, SNST, Tainan City, SNST, TWK, WTK, WHF, Hehuan Shan, WHF, DPDB, Guoxing, DPDB, SSD, Sandimen, SSD, NACB, Ninganchiao, WAG, Gukeng, WNT, Mingjian, ETLH, Xiu Townshi, WDLH, Douliu, WDLH, CHY, Chiayi, CHY, MASBT, Mashibuluo, TWT, Tachien, TDCB, Tachien, TDCB, TAW, Tawu, EAST, Anshuo, SGLT, Jiouru, TWMI, Shoushan, WLBG, Puzi, WLBG, WHP, Taichung City, WHP, SSPT, Xinbi, TCU, Taichung, SNJT, Kaohsiung City, CHN8, Yjiu, CHN8, WCHH, Zhonghua, NNSB, Datong, NNSH, Datong, SCZT, Fangliu, NNS, Nan Shan, ENA, Nanau, RNLN, Erlin, WSF, Szu, WTCT, Ta-ch'eng, WTCT, Liyutan, TWQ1, Liyutan, TWQ1, NSY, Sanyi, WDJ, Deji District, NDT, Datong Townshi, NDT, WLCH, Liugu, PTSB, Yuanli, ENTT, Nioudou, TWC, Suao, YHNB, Honiara, HEN, Hengchun, NMLH, Mitaoli, NSK, Sangungu, NSK, EOS1, EOS1

Table with columns: NSTT, Nanjuang, LIOB, Emei, TWK1, Hengchun, TWKBT, Hengchun, TWE, Neicheng, SLBB, Yuanshan, NWLT, Wulai, NWLT, CHN4, NTC, Tchungeng, WDGJ, Doungji, TWA, Mucha, TWA, Shuangxi, TIPB, Shuangxi, TIPB, PHUB, Peng-hu, PHUB, PNG, Penghu, PNG, JYNG, Yonagunijimaku, JYNG, WNF, Wu-fen Shan, WNF, YOJ, Yonaguni jima, YOJ, VCHM, Qimou, VCHM, YM01, YM01, YM04, YM04, YM10, YM10, YM05, YM05, YM11, YM11, HATJ, Hateruma jima, HATJ, IRIF, Iriomote-Funau, IRIF, IRIF, VVUC, VVUC, VVUC, JKRS, Kuro-shima, JKRS, JIJ, Ishigaki jima, JIJ, PTTC, Pingtan, PTTC, PTMZ, Houxiangcun, PTMZ, PTMZ, JISG, Ishigakijimahi, JISG, MAB, Ma-su, MAB, MATB, Tarama, JTJ, Tarama, AXDP, Jialang, MHZO, Yeshan, LYJJ, Jianjiangzhen, LYJJ, JIRB, Irabujima, JIRB, MJM2, Miyako jima3, XPSD, Dashiiju

INET 19 18:18:14.9, 12.40N; 86.51W, h6km, ML4.0, SNET 19 18:18:15.3±1.5, 12.32N; 86.53W, h3km, 3km, ML3.4, ISC 19 18:15:8±1.1, 12.35N; 104.86E; 0.06, h5km, 8km, n14, c076/25, 1C, Nicaragua

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

NEIC 19 18:19:48.0±0.8, 6.5S; 0.1, 155.53E; 0.10, h37km, 2km, mb4.4/1.0, Error ellipse: s-maj=19.5km s-min=11.2km az=21.0

IDC 19 18:19:49.7±1.4, 6.49S; 155.21E, h36km, 4km, mb3.7/5, mb1 3.9/6, mb1mx3.4/51, mbtmp3.6/6, ML3.6/1, MS4.4/1, Ms1 4.4/1, ms1mx3.4/52, Error ellipse: s-maj=39.9km s-min=23.7km az=120.0

ISC 19 18:19:49.2±0.7, 6.55S; 0.1, 155.4E; 0.1, h35km, n25, c1948/25, mb4.3/11, Bougainville-Solomon Islands region

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

19D 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like TIXI, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, DHY, INK, INK, ZALV, KURK, RES, YKA, CMAR, PBKT, JIRN, GUN, RAMN, KKN, PKI, PKIN, DMN, GKN, DAN, ARCES, AREO, FIA1, FIA2, FIA3, FIA4, FIA5, FIA6, FIA7, FIA8, FIA9, FIA10, FIA11, FIA12, FIA13, FIA14, FIA15, FIA16, FIA17, FIA18, FIA19, FIA20, FIA21, FIA22, FIA23, FIA24, FIA25, FIA26, FIA27, FIA28, FIA29, FIA30, FIA31, FIA32, FIA33, FIA34, FIA35, FIA36, FIA37, FIA38, FIA39, FIA40, FIA41, FIA42, FIA43, FIA44, FIA45, FIA46, FIA47, FIA48, FIA49, FIA50, FIA51, FIA52, FIA53, FIA54, FIA55, FIA56, FIA57, FIA58, FIA59, FIA60, FIA61, FIA62, FIA63, FIA64, FIA65, FIA66, FIA67, FIA68, FIA69, FIA70, FIA71, FIA72, FIA73, FIA74, FIA75, FIA76, FIA77, FIA78, FIA79, FIA80, FIA81, FIA82, FIA83, FIA84, FIA85, FIA86, FIA87, FIA88, FIA89, FIA90, FIA91, FIA92, FIA93, FIA94, FIA95, FIA96, FIA97, FIA98, FIA99, FIA100.

19D 19:03:14.0t.1.3, 11.195S:161.62E, h0km, mb3.9/6, mb1.4/1.8, mb1mx3.8/4.0, mbtmp3.9/8, ML3.5/2, MS3.9/2, Ms1.3/9.2, ms1mx3.3/4.0, Error ellipse: s-maj=31.3km s-min=24.4km az=91.0

NEIC 19:03:16.1t.0.9, 11.165S:0.10t.161.7E:0.1, h13km,6km, mb4.2/7, Error ellipse: s-maj=24.0km s-min=8.0km az=59.0

ISC 19:03:18.3t.0.8, 11.185S:0.09t.161.7E:0.1, h28km, n19, t072/20, mb3.9/9, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like HNR, HNR, HNR, DZM, CTA, CTAO, EIDS, WRA, AS31, AS31, ASAR, BBOO, KNRA, KNRA, LBZ, FITZ, FITZ, JNU, PETK, CMAR, SONM, QSPA, ILAR.

19D 19:04:24.6t.1.4, 7.315S:155.16E, h0km, mb3.9/8, mb1.4/2.9, mb1mx3.9/3.7, mbtmp4.0/9, ML3.8/1, Error ellipse: s-maj=43.6km s-min=24.2km az=128.0

NEIC 19:04:31.1t.1.2, 7.355S:0.09t.155.1E:0.1, h44km,5km, mb4.5/14, Error ellipse: s-maj=16.2km s-min=12.0km az=76.0

ISC 19:04:29.3t.0.8, 7.375S:0.09t.155.1E:0.1, h31km, n27, t12/23, mb4.2/16, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like RABL, RABL, KRVT, PMG, COEN, WR0, WR2, WRB, ASAR, GIRL, TPUB, TPUB.

2014 APR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like SSSL, SSSL, PEAOB, PETK, CMAR, CHTO, CHTO, SONM, RC01, PPLA, PPLA, SML, MLY, QSPA, QSPA, ILAR, MK31, MK31, MKAR, EGAK, EGAK, YKA, TORO, TORO.

19D 19:06:29.6t.1.0, 6.785S:154.81E, h0km, mb4.2/12, mb1.4/4.1, mb1mx4.2/3.4, mbtmp4.2/13, ML4.1/1, Error ellipse: s-maj=30.9km s-min=19.0km az=128.0

NEIC 19:06:36.4t.1.8, 6.765S:0.08t.154.50E:0.08, h35km,2km, mb4.5/33, Error ellipse: s-maj=15.1km s-min=11.5km az=43.0

ISC 19:06:36.5t.0.4, 6.735S:0.06t.154.54E:0.08, h39km, n64, t087/16, mb4.3/28, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like RABL, KRVT, HNR, PMG, PATS, CTAO, EIDS, WRO, WRO, WB2, WB2, WRA, WRA, ARMA, MTN, SJU, AS31, ASAR, KNRA, KNRA, FITZ, FITZ, FITZ, BKZ, BKZ, KKM, KKM, JOW, YULB, YULB, SSSL, SSSL, KSM, ERM, ENH, ENH, PEAOB, PETK, CM31, CM31, CMAR, SHL, LSA, VDA, TAPN, ODAN, RAMN, JIRN, GUN, PKI, PKI, PKIN, BILL, KKN, KKN, DMN, GKN, DAN, PUN, SGL, SGL, GLB, GLB, MK31, MK31, MKAR, QSPA, QSPA, IL31, IL31, ILAR, ZAAO, ZAAO, ZALV, MAW, MAW, MAW, HHT, HHT, HHT.

1454

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like EGAK, EGAK, NVAR, YKA, TOAO, TORO, TORO.

19D 19:13:39.7t.1.6, 6.855S:154.98E, h0km, mb3.9/6, mb1.4/0.7, mb1mx3.7/3.0, mbtmp3.9/7, ML3.9/1, Error ellipse: s-maj=52.3km s-min=25.1km az=119.0

NEIC 19:13:40.3t.2.6, 7.025S:0.09t.155.22E:0.09, h9km,6km, mb4.5/10, Error ellipse: s-maj=13.7km s-min=11.4km az=225.0

ISC 19:13:44.6t.0.7, 7.075S:0.09t.155.20E:0.09, h41km, n21, t120/21, mb4.2/12, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like RABL, RABL, KRVT, HNR, PMG, CTAO, WR2, WRA, AS31, ASAR, KNRA, FITZ, FITZ, TPUB, TPUB, SSSL, SSSL, PEAOB, PETK, YAK, QSPA, QSPA, MKAR, YKA, ZALV, TORO, TORO.

19D 19:16:21.1t.1.0, 7.255S:0.08t.154.83E:0.07, h27km,4km, mb4.9/82, Error ellipse: s-maj=11.4km s-min=9.7km az=204.0

19D 19:16:23.0t.0.5, 7.085S:154.77E, h31km,3km, mb4.2/21, mb1.4/4.2, mb1mx4.2/3.9, mbtmp4.4/24, ML3.3/3, Error ellipse: s-maj=16.7km s-min=12.2km az=99.0

DJA 19:16:26.5t.0.4, 7.54t.15.5E, h46km,3km, M4.6/19, mb4.7/19, mb5.0/6, ML4.2, M4.6/19, Error ellipse: s-maj=11.4km s-min=9.7km az=204.0

ISC 19:16:24.0t.0.5, 7.245S:0.05t.154.78E:0.06, h41km,4km, h41km, pp-P-149, t175/146, mb4.8/67, MS4.5/3, 1C-2D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like RABL, KRVT, HNR, PMG, COEN, CTAO, EIDS, DZM, DZM, TARA, FAKI, FAKI, FAKI, ARMA, WR0, WR0, WRAB, WRB, WRA, WRA, MTN, MTN, SWI, MSVF, MSVF, AS31, ASAR, KNRA, KNRA, LBMI, H1S3, H1S2, FITZ, FITZ, FITZ, MMRI, PSAO, PSAO, BKZ, BKZ, KKM, HJ2, YOJ, YULB, YULB, SSSL, SSSL, KSM, KSM, MAJO.

NEIC 19 20:05:52.0-0.9, 43.72N, 0103.1053W, 0.07, h0km, 2km, ML3.4/66, Error ellipse: s-maj=10.1km s-min=3.1km az=117.0

IDC 19 20:05:51.3-1.1, 43.88N, 105.58W, h0km, mb1 3.7/4, mb1mx3.4/55, mbmp3.4/4, ML3.5/4, Error ellipse: s-maj=24.6km s-min=8.6km az=149.0

ISC 19 20:05:51.9-0.9, 43.77N, 0107.10533W, 0.07, h0km, n57, c092/54, Wyoming

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

Table with columns: BDFB, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations in the BDFB region.

IDC 19 20:12:06.4-1.3, 6.73S, 154.34E, h0km, mb3.8/9, mb1 4.0/10, mb1mx3.8/38, mbtmp3.8/10, ML3.8/1, MS3.5/1, Ms1 3.5/1, ms1mx2.8/29, Error ellipse: s-maj=37.8km s-min=21.2km az=126.0

NEIC 19 20:12:12.3-1.7, 6.70S, 0108.15428E, 0.04, h35km, 2km, mb4.2/16, Error ellipse: s-maj=14.2km s-min=5.4km az=200.0

ISC 19 20:12:13.0-1.5, 6.69S, 0107.15428E, 0.08, h48km, n34, c1930/33, mb4.1/18, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations in the Bougainville-Solomon Islands region.

mb4.0(NEIC) NNC 19 20:12:43.5-5.8, 33.77N, 72.48E, h0km, mb4.2, mpv4.0, Error ellipse: s-maj=71.3km s-min=37.2km az=124.0

ISC 19 20:12:31.6-0.5, 32.85N, 005.7334E, 0.05, h15km, n61, c2949/70, mb4.1/15, 2C-6D, Pakistan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations in the Pakistan region.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MNMC, PB02, GO01, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like 255A, 352A, BRAL, etc.

OXF	Oxford	57.00	342	Iamb	Iamb	21	04	36.0	
OXF	comp=Z,47nm,0.9s			IAMS_20	IAMS_20	21	31	07.9	
U55A	comp=Z,3um,19.0s	57.02	350	P	P	21	04	28.1	-0.4
T2Z	T2Z, Sparta								
T59A	Double "B" Far	57.02	354	P	P	21	04	28.5	+0.1
PLAL	Pickwick Lake	57.06	343	IAMS_20	IAMS_20	21	30	31.6	
T58A	Grand View Agr	57.10	353	P	P	21	04	28.8	-0.2
U54A	Nelsons Sunny	57.16	350	P	P	21	04	29.0	-0.5
U54A	Nelsons Funny	57.16	350	Iamb	Iamb	21	04	42.5	
U54A	comp=Z,4um,19.0s			IAMS_20	IAMS_20	21	29	57.8	
Hurt	Hurt	57.24	352	P	P	21	04	31.1	+1.1
T57A	Hurt	57.24	352	Iamb	Iamb	21	04	47.8	
T57A	comp=Z,111nm,1.5s			IAMS_20	IAMS_20	21	29	36.0	
T57A	comp=Z,3um,20.0s			IAMS_20	IAMS_20	21	29	36.0	
T56A	Rocky Mt	57.38	351	P	P	21	04	31.3	+0.4
V48A	Smith Brothers	57.46	345	Iamb	Iamb	21	04	39.3	
V48A	comp=Z,3um,1.1s			IAMS_20	IAMS_20	21	32	47.6	
HPIG	comp=Z,3um,18.0s	57.54	323	Iamb	Iamb	21	04	47.3	
S61A	Accomac	57.56	356	IAMS_20	IAMS_20	21	26	19.3	
T55A	Pulaski	57.58	351	P	P	21	04	32.6	+0.2
BLA	Blacksburg	57.62	351	P	P	21	04	33.2	+0.6
BLA	Blacksburg	57.62	351	IAMS_20	IAMS_20	21	30	11.2	
WHTX	Lake Whitney	57.62	333	Iamb	Iamb	21	05	29.7	
T54A	Tazewell	57.65	350	P	P	21	04	32.4	-0.5
CLTN	Cedars of Leba	57.67	345	Iamb	Iamb	21	04	37.4	
CLTN	comp=Z,81nm,1.6s			IAMS_20	IAMS_20	21	33	10.6	
S58A	Poland Farm, P	57.71	353	P	P	21	04	33.3	+0.1
MET	Memphis-Engin	57.72	342	IAMS_20	IAMS_20	21	31	40.0	
U59A	Wise	57.73	349	P	P	21	04	32.8	-0.7
T43A	Red Boiling Sp	57.94	346	Iamb	Iamb	21	05	05.9	
U49A	comp=Z,80nm,1.6s			IAMS_20	IAMS_20	21	31	02.8	
S57A	Dark Hollow, R	57.96	353	P	P	21	04	35.2	+0.2
S57A	Dark Hollow, R	57.96	353	Iamb	Iamb	21	04	43.3	
S57A	comp=Z,45nm,1.1s			IAMS_20	IAMS_20	21	30	39.9	
R58B	Mineral	58.04	354	P	P	21	04	35.9	+0.4
R58B	Mineral	58.04	354	Iamb	Iamb	21	04	40.0	
WVT	Waverly	58.08	344	P	P	21	04	34.3	-1.5
WVT	Waverly	58.08	344	P	P	21	04	34.5	-1.4
WVT	comp=Z,26nm,0.8s			Iamb	Iamb	21	04	43.4	
S55A	Lewisburg	58.18	351	P	P	21	04	36.7	+0.1
LPAR	Lepanto	58.28	341	IAMS_20	IAMS_20	21	31	55.4	
S54A	Dingess, Beckl	58.33	350	P	P	21	04	36.0	-1.6
S54A	Dingess, Beckl	58.33	350	Iamb	Iamb	21	05	45.6	
S54A	comp=Z,79nm,1.4s			IAMS_20	IAMS_20	21	31	12.7	
TX3Z	Lajitas Array	58.34	326	P	P	21	04	37.7	-0.3
TXAR	Lajitas Array	58.34	326	P	P	21	04	36.8	-1.1
TXAR	comp=Z,1.8nm,0.7s,baz=150,slow=6.7,SNR=21			LR	LR	21	28	38.1	
HBAR	Harrisburg	58.34	341	IAMS_20	IAMS_20	21	32	01.1	
S53A	Williamson	58.34	350	P	P	21	04	36.8	-0.9
MIAR	Mount Ida	58.37	338	P	P	21	04	37.4	-0.5
MIAR	Mount Ida	58.37	338	Iamb	Iamb	21	05	05.7	
R58A	Rapidan	58.38	353	P	P	21	04	37.6	-0.3
R57A	Stanardsville	58.44	353	P	P	21	04	38.5	+0.2
W41B	Gary Mavity, V	58.49	340	P	P	21	04	38.7	0.0
S52A	Salyersville	58.51	349	P	P	21	04	37.9	-1.0
GNAR	Gosnell	58.53	342	IAMS_20	IAMS_20	21	32	09.1	
GLAT	Glass	58.61	343	IAMS_20	IAMS_20	21	31	20.1	
R55A	Marlington	58.62	352	P	P	21	04	39.8	+0.1
R55A	Marlington	58.62	352	IAMS_20	IAMS_20	21	30	30.6	
R54A	Victor	58.65	351	P	P	21	04	39.5	-0.3
T47A	Sharon Grove	58.71	345	Iamb	Iamb	21	05	01.8	
T47A	comp=Z,4um,19.0s			IAMS_20	IAMS_20	21	33	43.9	
S50A	Richmond	58.77	348	P	P	21	04	39.7	-0.9
HICK	Hickman	58.84	343	IAMS_20	IAMS_20	21	31	36.4	
PVMO	Portageville	58.86	342	IAMS_20	IAMS_20	21	31	41.8	
PENMO	Penman	58.87	342	IAMS_20	IAMS_20	21	31	40.1	
Q60A	Greensboro	58.88	356	P	P	21	04	41.9	+0.5
R53A	Hurricane	58.95	350	P	P	21	04	42.2	+0.4
R53A	Hurricane	58.95	350	IAMS_20	IAMS_20	21	31	23.2	
LCAR	Lake Charles	58.97	341	IAMS_20	IAMS_20	21	32	11.7	
Q59A	Fox Den Farm,	58.98	354	P	P	21	04	43.2	+1.1
W38A	Magazine	59.03	338	P	P	21	04	43.1	+0.6
W39A	Magazine	59.03	338	Iamb	Iamb	21	05	07.8	
S49A	Springfield	59.05	347	P	P	21	04	42.6	0.0
X37A	Clayton	59.06	337	Iamb	Iamb	21	05	14.8	
HENH	Henders Henson	59.08	343	IAMS_20	IAMS_20	21	31	43.5	
ABTX	Abilene, Hawle	59.10	332	P	P	21	04	43.6	+0.5
ABTX	Abilene, Hawle	59.10	332	Iamb	Iamb	21	05	15.8	
PARMO	Parma	59.11	342	IAMS_20	IAMS_20	21	31	47.3	
T45A	Paducah	59.14	344	IAMS_20	IAMS_20	21	33	59.0	
Q57A	Strasburg	59.15	353	P	P	21	04	44.1	+0.8
R51A	Hillsboro	59.21	348	P	P	21	04	44.1	+0.4
Q56A	Snyder Ridge,	59.25	353	P	P	21	04	44.7	+0.8
Q56A	Snyder Ridge,	59.25	353	IAMS_20	IAMS_20	21	31	39.1	
Q55A	Buckhamnon	59.32	352	P	P	21	04	44.7	+0.2
R50A	Paris	59.33	348	P	P	21	04	45.1	+0.5
R50A	Paris	59.33	348	Iamb	Iamb	21	05	39.6	

R50A	comp=Z,4um,22.0s			IAMS_20	IAMS_20	21	29	53.3	
SDMM	Soldier's Deli	59.37	355	Iamb	Iamb	21	05	11.7	
Q53A	Lenox	59.40	350	P	P	21	04	44.5	-0.4
Q54A	Coxs Mills	59.41	351	P	P	21	04	44.5	-0.6
Q54A	Coxs Mills	59.41	351	IAMS_20	IAMS_20	21	31	06.5	
P61A	Hamonton	59.48	357	IAMS_20	IAMS_20	21	31	30.2	
P58A	Pank, Wackervs	59.49	354	P	P	21	04	47.1	+1.5
R49A	Shelbyville	59.52	347	P	P	21	04	45.6	-0.2
R49A	Shelbyville	59.52	347	IAMS_20	IAMS_20	21	30	25.2	
P59A	Jarrettsville	59.53	355	P	P	21	04	46.4	+0.5
P57A	Homestead Farm	59.55	354	P	P	21	04	47.0	+0.9
Q52A	Bidwell	59.62	350	P	P	21	04	47.0	+0.5
P56A	Dayton Farm, R	59.66	353	P	P	21	04	46.9	+0.1
P60A	Greenville	59.67	356	IAMS_20	IAMS_20	21	32	54.4	
P60A	Greenville	59.67	356	Iamb	Iamb	21	04	47.6	+0.5
WCI	Wyandotte Cave	59.70	346	P	P	21	04	47.1	0.0
WCI	Wyandotte Cave	59.70	346	IAMS_20	IAMS_20	21	32	12.1	
U40A	Yellville	59.77	340	P	P	21	04	47.1	-0.6
PSUB	Penn St. - Bra	59.78	356	Iamb	Iamb	21	05	14.4	
PSUB	comp=Z,49nm,1.2s			IAMS_20	IAMS_20	21	34	51.1	
P55A	Reedsville	59.79	352	P	P	21	04	47.9	+0.2
T42A	Van Buren	59.84	341	IAMS_20	IAMS_20	21	32	49.7	
Q51A	Peebles	59.87	349	P	P	21	04	48.3	+0.1
Q51A	Peebles	59.87	349	Iamb	Iamb	21	05	04.3	
Q51A	comp=Z,30nm,1.1s			IAMS_20	IAMS_20	21	31	35.5	
MVL	Millersville	59.91	355	Iamb	Iamb	21	05	23.0	
S44A	Carbondale	59.93	343	Iamb	Iamb	21	05	32.3	
MCWV	Mont Chateau	59.94	352	P	P	21	04	49.2	+0.5
SIUC	Southern Illin	59.94	343	IAMS_20	IAMS_20	21	34	33.5	
P54A	Burton	59.97	351	P	P	21	04	48.9	-0.1
P53A	Whipple	59.99	351	P	P	21	04	48.7	-0.4
P53A	Whipple	59.99	351	IAMS_20	IAMS_20	21	32	11.7	
X34A	Smith Ranch, M	60.03	334	Iamb	Iamb	21	05	27.0	
HHAR	Hobby	60.07	339	Iamb	Iamb	21	05	14.3	
O58A	Lewisberry	60.08	355	P	P	21	04	50.7	+1.0
W35A	Tecumseh	60.14	336	P	P	21	04	49.8	-0.3
Q49A	Aurora	60.15	347	P	P	21	04	50.3	+0.2
O60A	Telford	60.16	356	P	P	21	04	50.6	+0.5
PAGS	Pennsylvania G	60.17	355	Iamb	Iamb	21	05	28.8	
PAGS	comp=Z,74nm,1.5s			IAMS_20	IAMS_20	21	32	56.5	
O59A	Robesonia	60.21	355	P	P	21	04	51.1	+0.5
O57A	Amberson	60.24	354	P	P	21	04	51.3	+0.5
Q48A	North Vernon	60.25	347	P	P	21	04	51.1	+0.2
P52A	Corning	60.25	350	P	P	21	04	49.9	-1.0
P51A	Williamsport	60.26	349	IAMS_20	IAMS_20	21	31	34.8	
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Table with columns: ID, Name, Comp, Z, SNR, IAMS, IAMS_20, IAMS_21, IAMS_22, IAMS_23, IAMS_24, IAMS_25, IAMS_26, IAMS_27, IAMS_28, IAMS_29, IAMS_30, IAMS_31, IAMS_32, IAMS_33, IAMS_34, IAMS_35, IAMS_36, IAMS_37, IAMS_38, IAMS_39, IAMS_40, IAMS_41, IAMS_42, IAMS_43, IAMS_44, IAMS_45, IAMS_46, IAMS_47, IAMS_48, IAMS_49, IAMS_50, IAMS_51, IAMS_52, IAMS_53, IAMS_54, IAMS_55, IAMS_56, IAMS_57, IAMS_58, IAMS_59, IAMS_60, IAMS_61, IAMS_62, IAMS_63, IAMS_64, IAMS_65, IAMS_66, IAMS_67, IAMS_68, IAMS_69, IAMS_70, IAMS_71, IAMS_72, IAMS_73, IAMS_74, IAMS_75, IAMS_76, IAMS_77, IAMS_78, IAMS_79, IAMS_80, IAMS_81, IAMS_82, IAMS_83, IAMS_84, IAMS_85, IAMS_86, IAMS_87, IAMS_88, IAMS_89, IAMS_90, IAMS_91, IAMS_92, IAMS_93, IAMS_94, IAMS_95, IAMS_96, IAMS_97, IAMS_98, IAMS_99, IAMS_100.

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Table with columns: ID, Name, Comp, Z, SNR, IAMS, IAMS_20, IAMS_21, IAMS_22, IAMS_23, IAMS_24, IAMS_25, IAMS_26, IAMS_27, IAMS_28, IAMS_29, IAMS_30, IAMS_31, IAMS_32, IAMS_33, IAMS_34, IAMS_35, IAMS_36, IAMS_37, IAMS_38, IAMS_39, IAMS_40, IAMS_41, IAMS_42, IAMS_43, IAMS_44, IAMS_45, IAMS_46, IAMS_47, IAMS_48, IAMS_49, IAMS_50, IAMS_51, IAMS_52, IAMS_53, IAMS_54, IAMS_55, IAMS_56, IAMS_57, IAMS_58, IAMS_59, IAMS_60, IAMS_61, IAMS_62, IAMS_63, IAMS_64, IAMS_65, IAMS_66, IAMS_67, IAMS_68, IAMS_69, IAMS_70, IAMS_71, IAMS_72, IAMS_73, IAMS_74, IAMS_75, IAMS_76, IAMS_77, IAMS_78, IAMS_79, IAMS_80, IAMS_81, IAMS_82, IAMS_83, IAMS_84, IAMS_85, IAMS_86, IAMS_87, IAMS_88, IAMS_89, IAMS_90, IAMS_91, IAMS_92, IAMS_93, IAMS_94, IAMS_95, IAMS_96, IAMS_97, IAMS_98, IAMS_99, IAMS_100.

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Table with columns: ID, Name, Comp, Z, SNR, IAMS, IAMS_20, IAMS_21, IAMS_22, IAMS_23, IAMS_24, IAMS_25, IAMS_26, IAMS_27, IAMS_28, IAMS_29, IAMS_30, IAMS_31, IAMS_32, IAMS_33, IAMS_34, IAMS_35, IAMS_36, IAMS_37, IAMS_38, IAMS_39, IAMS_40, IAMS_41, IAMS_42, IAMS_43, IAMS_44, IAMS_45, IAMS_46, IAMS_47, IAMS_48, IAMS_49, IAMS_50, IAMS_51, IAMS_52, IAMS_53, IAMS_54, IAMS_55, IAMS_56, IAMS_57, IAMS_58, IAMS_59, IAMS_60, IAMS_61, IAMS_62, IAMS_63, IAMS_64, IAMS_65, IAMS_66, IAMS_67, IAMS_68, IAMS_69, IAMS_70, IAMS_71, IAMS_72, IAMS_73, IAMS_74, IAMS_75, IAMS_76, IAMS_77, IAMS_78, IAMS_79, IAMS_80, IAMS_81, IAMS_82, IAMS_83, IAMS_84, IAMS_85, IAMS_86, IAMS_87, IAMS_88, IAMS_89, IAMS_90, IAMS_91, IAMS_92, IAMS_93, IAMS_94, IAMS_95, IAMS_96, IAMS_97, IAMS_98, IAMS_99, IAMS_100.

TUQ	comp=Z,39nm,1.4s Turquoise Moun baz=135	69.71 322	P	P	21 05 54.4 +1.7
MAT	Matagami baz=11,SNR=9.8	69.82 355	P	P	21 05 51.3 -0.9
LICO	Lato comp=Z,11nm,0.5s	69.62 75	ePKP1	P	21 05 52.9 -0.8
BFSC	Mount Baldy Ra baz=133	69.91 320	P	P	21 05 57.1 +3.2
RWWY	Rawlins comp=Z,52nm,1.6s	69.98 332	Iamb	Iamb	21 06 48.3
RWWY	comp=Z,2um,20.0s Deer Lake	69.99 9	Iamb	Iamb	21 06 09.6
DRLN	comp=Z,45nm,0.8s		IAMS_20	IAMS_20	21 06 28.3
DRLN	comp=Z,2um,22.0s Toumudi	70.00 75	ePKP1	P	21 05 52.9 -1.9
THC	Sheep Range comp=Z,40nm,1.4s	70.02 323	Iamb	Iamb	21 06 05.2
EYMN	Ely comp=Z,3um,19.0s	70.12 345	IAMS_20	IAMS_20	21 05 57.2
GSC	Goldstone, Bar baz=134	70.13 321	P	P	21 05 57.3 +2.1
GSC	Goldstone, Bar baz=134	70.13 321	Iamb	Iamb	21 06 03.5
KIC	Kosan Boka comp=Z,10nm,0.9s	70.14 75	ePKP1	P	21 05 53.8 -1.8
DBIC	Dimbokro comp=Z,18nm,0.7s,baz=224,slow=5.6,SNR=20	70.16 75	P	P	21 05 54.0 -1.7
DBIC	comp=Z,4um,18.0s,baz=222,slow=36		LR	LR	21 06 43.9
DBIC	Dimbokro	70.16 75	P	P	21 05 54.3 -1.4
DBIC	comp=Z,34nm,0.8s South Pole Qu	70.17 180	P	Iamb	21 05 56.1 +0.9
QSPA	comp=Z,42nm,1.1s Casper	70.46 333	P	P	21 05 59.6 +2.4
K22A	Edwards Air Fo baz=145	70.55 320	P	P	21 05 59.4 +1.6
EDW2	Black Hills baz=147	70.65 335	P	P	21 05 59.0 +0.6
RSSD	Black Hills baz=147	70.65 335	P	P	21 05 58.6 +0.2
RSSD	Black Hills comp=Z,2um,20.0s	70.65 335	IAMS_20	IAMS_20	21 04 00.6
TPNV	Topopah Spring baz=135,SNR=9.6	70.96 323	P	P	21 06 02.6 +2.2
TPNV	Topopah Spring comp=Z,2um,20.0s	70.96 323	Iamb	Iamb	21 06 15.8
FURC	Furnace Creek, baz=134,SNR=5.6	71.08 322	P	P	21 06 02.5 +2.3
MPMC	Manual Prospec baz=134	71.08 322	P	P	21 06 02.5 +1.6
MACI	Morro de la Ar Isabella, Lake	71.19 49	P	P	21 06 01.7 -0.3
ISA	baz=133	71.37 321	P	P	21 06 04.4 +1.7
DUG	Dugway, Toeole baz=133,SNR=1	71.48 327	P	P	21 06 05.5 +2.1
DUG	Dugway, Toeole comp=Z,74nm,1.8s	71.48 327	Iamb	Iamb	21 06 10.4
E28A	Huff comp=Z,2um,21.0s	71.53 339	IAMS_20	IAMS_20	21 06 09.4
AGMN	Agassiz Nation baz=155,SNR=5.2	71.57 343	P	P	21 06 04.0 +0.5
AGMN	Agassiz Nation comp=Z,2um,20.0s	71.57 343	IAMS_20	IAMS_20	21 04 48.4
R11A	Troy Canyon, C baz=136,SNR=18	71.59 324	P	P	21 06 06.4 +2.2
R11A	Troy Canyon, C comp=Z,2um,18.0s	71.59 324	IAMS_20	IAMS_20	21 06 06.4 +2.2
CMLA	Cha de Macela comp=Z,3um,18.0s	71.60 37	IAMS_20	IAMS_20	21 06 14.0
PKM	Mpherson Peak baz=132,SNR=5.5	71.66 319	P	P	21 06 06.7 +2.1
CWC	Cottonwood Cre baz=132	71.67 321	P	P	21 06 06.6 +1.9
VES	Vestal, Richgr baz=133	71.85 320	P	P	21 06 08.0 +2.4
BDW6	Boulder Array comp=Z,2um,20.0s	71.89 331	IAMS_20	IAMS_20	21 06 37.4
PDAR	Pinedale Array comp=Z,0.9nm,0.6s,baz=125,slow=5.1,SNR=12	71.89 331	P	P	21 06 06.3 +0.4
HWUT	Hardware Ranch comp=Z,2um,19.0s	71.93 329	IAMS_20	IAMS_20	21 06 26.7
TBI	Tubuai comp=Z,4um,27.0s	72.18 251	eS	SKIKP	21 15 39.3 -5.0
TBI	Tubuai comp=Z,7um,28.0s,baz=104	72.18 251	eLR	LR	21 28 12.4
MDND	Maddock baz=152	72.28 340	IAMS_20	IAMS_20	21 06 08.2 +0.4
MDND	Maddock comp=Z,2um,22.0s	72.28 340	IAMS_20	IAMS_20	21 06 08.2 +0.4
AHID	Auburn Hatcher comp=Z,2um,19.0s	72.60 330	IAMS_20	IAMS_20	21 06 39.4
MLAC	Mammoth, Mammo7 baz=133	72.92 322	P	P	21 06 14.3 +2.2
REDW	Red Top Meadow comp=Z,61nm,1.7s	72.95 331	Iamb	Iamb	21 06 28.4
OMMB	Old Mammoth M comp=Z,77nm,1.7s	73.00 322	Iamb	Iamb	21 06 19.8
ELK	Elko comp=Z,3.2nm,0.9s,baz=149,slow=4.1,SNR=12	73.13 326	P	P	21 06 14.0 +0.6
ELK	Elko comp=Z,2um,19.0s	73.13 326	IAMS_20	IAMS_20	21 06 14.0 +0.6
NVAR	Nina Array Ba comp=Z,4.4nm,0.8s,baz=148,slow=6.5,SNR=27	73.16 323	P	P	21 06 15.6 +2.0
ULM	Lac du Bonnet comp=Z,7.0nm,0.7s,baz=154,slow=5.5,SNR=16	73.35 344	P	P	21 06 13.1 -1.1
ULM	Lac du Bonnet comp=Z,3um,19.4s,baz=141,slow=38	73.35 344	Iamb	Iamb	21 06 19.6
ULM	comp=Z,55nm,1.5s		IAMS_20	IAMS_20	21 06 09.5
FLWY	Flagg Ranch comp=Z,46nm,1.0s	73.44 331	Iamb	Iamb	21 06 29.3
PMOZ	Porto Moniz, M comp=Z,2um,20.0s	73.46 45	eLR	LR	21 06 17.1 +0.9
RLMT	Red Lodge baz=143,SNR=17	73.62 333	P	P	21 06 17.1 +0.9
RLMT	Red Lodge comp=Z,2um,19.0s	73.62 333	IAMS_20	IAMS_20	21 06 17.1 +0.9
H17A	Grant Village baz=141	73.62 332	P	P	21 06 19.3 +3.0
LAO	LASA Array baz=146,SNR=8.3	73.64 336	P	P	21 06 17.5 +1.4
LAO	LASA Array comp=Z,2um,20.0s	73.64 336	IAMS_20	IAMS_20	21 06 17.5 +1.4
PPT2	Papeete2 comp=Z,7um,25.5s	73.81 257	eS	S	21 15 58.5 +9.4
PPT2	Papeete2 comp=Z,2um,24.8s,baz=109	73.81 257	eLR	LR	21 28 58.7
PPT2	Papeete2 comp=Z,2um,20.2s,baz=122,slow=29	73.81 257	LR	LR	21 30 34.9
PPT	Papeete comp=Z,2um,20.2s,baz=122,slow=29	73.81 257	LR	LR	21 30 34.9
YNR	Norris Junctio comp=Z,7um,25.5s	73.92 332	P	P	21 06 19.1 +1.2
YMR	Madison River comp=Z,7um,25.5s	74.01 331	P	P	21 06 19.4 +0.9
DGMT	Dagmar baz=148,SNR=7.2	74.07 338	P	P	21 06 22.1 +1.8
DGMT	Dagmar comp=Z,45nm,0.8s	74.37 338	Iamb	Iamb	21 06 33.4
DGMT	Dagmar comp=Z,2um,18.0s	74.37 338	IAMS_20	IAMS_20	21 06 33.4
SCHO	Schefferville comp=Z,13nm,1.0s,baz=198,slow=3.7,SNR=9.1	74.62 2	P	P	21 06 20.7 -0.8
SCHO	Schefferville comp=Z,2um,21.8s,baz=194,slow=36	74.62 2	LR	LR	21 38 50.7
SCHO	Schefferville comp=Z,2um,22.0s	74.62 2	IAMS_20	IAMS_20	21 38 40.7
PAHR	Pah Rah Range comp=Z,39nm,1.0s	74.65 323	Iamb	Iamb	21 06 32.8
AFDM	Forest Hills D comp=Z,66nm,1.8s	75.05 322	Iamb	Iamb	21 06 31.1
DLMT	Dillon comp=Z,2um,19.0s	75.28 331	IAMS_20	IAMS_20	21 04 23.4
MFID	Canas Ranch comp=Z,48nm,1.4s	75.38 328	Iamb	Iamb	21 06 36.6
MFID	comp=Z,2um,20.0s		IAMS_20	IAMS_20	21 06 19.9
ORV	Oroville comp=Z,101nm,1.6s	75.76 322	Iamb	Iamb	21 06 35.6
EGMT	Eagleton baz=143,SNR=6.8	76.13 334	P	P	21 06 32.3 +1.8
EGMT	Eagleton comp=Z,30nm,0.8s	76.13 334	Iamb	Iamb	21 06 43.2

EGMT	comp=Z,2um,21.0s		IAMS_20	IAMS_20	21 41 45.3
003E	Paynes Creek baz=132,SNR=5.6	76.42 322	P	P	21 06 33.4 +1.2
J08A	Circle Bar Ran comp=Z,2um,18.0s	76.69 326	IAMS_20	IAMS_20	21 42 49.5
002D	Mt. Diablo Mer baz=131	76.91 322	P	P	21 06 36.9 +1.9
MSO	Missoula baz=139,SNR=5.9	77.01 331	P	P	21 06 37.9 +2.5
WDC	Whiskeytown Da comp=Z,60nm,1.9s	77.03 322	Iamb	Iamb	21 06 40.9
BMO	Blue Mountains comp=Z,60nm,1.9s	77.15 328	Iamb	Iamb	21 06 42.6
N02D	Trinity Center baz=131	77.38 322	P	P	21 06 39.4 +1.8
M04C	Macdoel baz=132	77.43 324	P	P	21 06 39.5 +1.6
107A	Izee comp=Z,2um,20.0s	77.72 326	IAMS_20	IAMS_20	21 43 01.4
M02C	Callahan baz=131	77.74 323	P	P	21 06 41.3 +1.7
JTMT	Jette comp=Z,3um,20.0s	77.85 332	IAMS_20	IAMS_20	21 44 54.8
F10A	Beach Ranch, E comp=Z,2um,19.0s	77.92 329	IAMS_20	IAMS_20	21 46 31.1
VNDA	Vanda baz=121,5nm,0.9s,baz=134,slow=7.1,SNR=6.6	77.97 190	P	P	21 06 42.7 +2.4
VNDA	Vanda comp=Z,2um,20.0s	77.97 190	P	P	21 06 42.7 +2.4
JCC	Jacoby Creek baz=132	78.05 322	P	P	21 06 42.0 +0.8
G08A	Pilot Rock comp=Z,2um,18.0s	78.29 328	IAMS_20	IAMS_20	21 40 50.9
SYO	Syowa Base comp=Z,2um,18.0s	78.55 160	eX	P	21 06 38.0 -5.6
SYO	Syowa Base comp=Z,2um,18.0s	78.55 160	eX	P	21 06 42.0 -1.6
SYO	Syowa Base comp=Z,2um,18.0s	78.55 160	iPcP	PcP	21 06 51.0 -1.7
TOAO	Torodi Ar. Sit baz=132	78.67 71	P	P	21 06 43.4 -1.8
TORD	Torodi Ar. Sit comp=Z,50nm,0.6s,baz=252,slow=5.2,SNR=170	78.67 71	P	P	21 06 43.3 -1.9
TORD	Torodi Ar. Sit comp=Z,5um,20.9s,baz=275,slow=34		LR	LR	21 39 45.3
WALA	Waterton Lakes comp=Z,55nm,0.8s	78.68 333	Iamb	Iamb	21 06 58.3
FFC	Flin Flon comp=Z,2um,19.0s	79.03 342	P	P	21 06 46.1 -0.2
FFC	Flin Flon comp=Z,2um,19.0s	79.03 342	IAMS_20	IAMS_20	21 44 06.9
F07A	Phinny Hill Vi comp=Z,2um,19.0s	79.20 328	IAMS_20	IAMS_20	21 47 06.9
HAWA	Hanford comp=Z,2um,18.0s	79.34 328	IAMS_20	IAMS_20	21 47 00.8
NEW	Newport comp=Z,2um,18.0s	79.52 331	P	P	21 06 52.0 +2.7
NEW	Newport comp=Z,2um,18.0s	79.52 331	IAMS_20	IAMS_20	21 46 27.4
E07A	Sunnyside comp=Z,2um,18.0s	79.62 328	IAMS_20	IAMS_20	21 47 09.1
C09A	Chimnan Ranch comp=Z,98nm,1.9s	79.72 330	Iamb	Iamb	21 06 57.2
C09A	Chimnan Ranch comp=Z,2um,19.0s		IAMS_20	IAMS_20	21 46 41.9
F04A	Ambro comp=Z,1um,19.0s	80.50 326	IAMS_20	IAMS_20	21 48 10.4
LTY	Liberty comp=Z,2um,18.0s	80.51 328	IAMS_20	IAMS_20	21 42 22.5
B08A	Colville Reser comp=Z,2um,18.0s	80.62 330	P	P	21 06 55.7 +0.5
LOH	Longmire comp=Z,2um,18.0s	80.73 327	IAMS_20	IAMS_20	21 48 21.6
SUR	Sutherland comp=Z,2um,18.0s	80.97 121	P	P	21 06 57.8 0.0
SUR	Sutherland comp=Z,2um,18.0s		Iamb	Iamb	21 08 16.6
D05A	Dumelow comp=Z,54nm,1.5s	81.12 328	Iamb	Iamb	21 07 08.0
PFVI	Vila Bisbo comp=Z,44nm,0.9s	81.55 46	eP	P	21 07 01.5 +1.2
PFVI	Vila Bisbo comp=Z,60nm,1.4s	81.55 46	IAMS_20	IAMS_20	21 44 12.7
MORF	Marletele comp=Z,2um,22.7s	81.76 46	eS	S	21 07 01.4 -0.1
MORF	Marletele comp=Z,2um,22.7s		eS	AMS	21 17 15.1 +0.9
MORF	Marletele comp=Z,2um,22.7s		AMS	AMS	21 45 11.6
MORF	Marletele comp=Z,2um,22.7s	81.76 46	eS	AMS	21 07 02.4 +0.9
PTEO	Sao Teotonio comp=Z,70nm,1.8s	81.84 45	eP	P	21 07 03.2 +1.4
B05A	Bryan baz=132	81.90 328	P	P	21 07 04.4 +2.5
RAR	Rarotonga comp=Z,3um,18.9s,baz=144,slow=30	81.94 250	LR	LR	21 35 12.4
LIS	Lisbon comp=Z,3um,18.9s,baz=144,slow=30	82.19 44	eP	S	21 07 03.8 +0.1
LIS	Lisbon comp=Z,3um,18.9s,baz=144,slow=30	82.19 44	eS	S	21 17 19.6 +1.1
LIS	Lisbon comp=Z,3um,18.9s,baz=144,slow=30	82.19 44	eS	AMS	21 44 56.8
LIS	Lisbon comp=Z,4um,16.1s	82.19 44	eP	P	21 07 04.7 +1.0
PBDV	Barranco-do-V comp=Z,56nm,1.5s	82.21 46	eP	P	21 07 02.4 -1.5
PMAFR	Mafr comp=Z,68nm,1.7s	82.24 44	eP	P	21 07 06.0 +2.1
PNCL	Nicou J Gar comp=Z,28nm,1.6s	82.28 45	eP	P	21 07 04.4 +0.3
MDT	Midelt comp=Z,3um,19.1s,baz=254,slow=35	82.28 51	LR	LR	21 42 45.1
Tsumb	Tsumb comp=Z,3um,19.1s,baz=254,slow=35	82.29 106	P	P	21 07 04.8 -0.1
MESJ	Messejana comp=Z,3um,19.1s,baz=254,slow=35	82.33 45	eP	P	21 07 04.5 0.0
MESJ					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHC, VIVF, HINF, MODS, etc.

IDC 19 21:28:01.6, 1.0, 6.93S, 154.73E, h0km, mb4.2/12, mb1.4/4.14, mb1mx4.2/33, mbtmp4.2/14, ML4.1/71, Error ellipse: s-maj=28.6km s-min=18.4km az=134.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVAR, YKA, BRKA, etc.

SJA 19 21:30:28.8, 1.4, 19.96S, 71.09W, h26km, 6km, ML4.5, MW4.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUC, NEIC, VAO, etc.

ISC 19 21:30:29.5, 10.19, 92S, 0.03, 71.00W, 0.05, h6km, 6km, n117, e121/120, mb4.5/11, 8C-12, Off coast of northern Chile

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PISAGUA, HUAIQUIQUE, DIEGO ARACENA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CPUP, AOOD, SAN, etc.

PLCA 19 21:30:28.8, 1.4, 19.96S, 71.09W, h26km, 6km, ML4.5, MW4.7

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

ISC 19 21:30:29.5, 10.19, 92S, 0.03, 71.00W, 0.05, h6km, 6km, n117, e121/120, mb4.5/11, 8C-12, Off coast of northern Chile

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNA, KNB, DBIC, etc.

NSTT	Nanjung	1.63 296	i P	Pg	21 35 34.1	-0.3
NSTT	baz=296			Sg	21 35 54.2	-1.4
TWY	Chentua	1.63 326	eP	Pg	21 35 33.4	-1.1
ELDTW	Lidau	1.64 244	P	Pn	21 35 32.3	+0.1
ELDTW	baz=242			S	21 35 51.6	-1.8
JISG	Ishigajimahi	1.68 66	P	Pn	21 35 33.2	+0.5
ALS	Alishan	1.71 256	P	Pn	21 35 34.4	+1.0
ALS	baz=254			S	21 35 56.0	+0.5
WJS	Zhushan	1.73 267	eP	Pg	21 35 36.7	+0.4
WJS	baz=265			Sg	21 35 58.3	-0.4
TWQ1	Liyutan	1.73 285	P	Pg	21 35 35.9	-0.4
TWQ1	baz=281			eS	21 35 57.0	-0.1
ARMA	Hsinchu	1.74 301	eP	Pn	21 35 33.9	+0.4
NSY	Sanyi	1.76 287	eP	Pg	21 35 36.7	-0.2
NSY	baz=283			eS	21 35 59.6	-0.2
WNT	Mingjian	1.77 269	P	Pg	21 35 37.0	0.0
WNT	baz=266			S	21 35 58.1	+0.1
PCYT	Pengchaiyu	1.77 344	P	Pn	21 35 34.1	+0.2
PCYT	baz=344			eS	21 35 56.8	-1.3
NMLH	Miaoili	1.77 291	eS	Sg	21 35 59.1	-1.0
TCU	Taichung	1.79 278	eP	Pb	21 35 35.7	-0.3
TCU	baz=275			eS	21 35 59.4	+0.8
TWGBT	Beinan	1.79 232	P	Pn	21 35 33.9	-0.3
TWGBT	baz=224			eS	21 35 55.6	-1.5
TWG	Pinlang	1.79 233	P	Pn	21 35 34.7	+0.4
TWG	baz=224			S	21 35 55.8	-1.4
CHNS	Tsauling	1.80 260	P	Pn	21 35 34.9	+0.4
CHNS	baz=250			eS	21 35 57.8	+0.3
WDJ	Dajia District	1.85 284	eP	Pb	21 35 36.2	-1.0
STYT	Tauyuan	1.86 246	eP	Pn	21 35 36.3	+1.0
STYT	baz=238			eS	21 35 58.7	-0.3
WGK	Gukung	1.89 263	P	Pn	21 35 35.9	+0.3
WGK	baz=261			eS	21 35 59.6	0.0
WDLH	Douliu	1.92 263	eP	Pn	21 35 37.0	+1.0
WDLH	baz=261			eS	21 36 01.2	+1.0
TPUB	Ta-pu	1.92 252	P	Pb	21 35 38.3	-0.1
TPUB	baz=244			eS	21 36 02.2	-0.3
CHN4	Tsaulshan	1.94 253	P	Pb	21 35 39.3	+0.7
CHN4	baz=243			eS	21 36 01.7	+0.9
WTP	Ta-pu	1.95 250	P	Pn	21 35 39.0	+0.1
WTP	baz=241			eS	21 36 03.8	+0.3
ECL	Taimali	2.02 230	eP	Pn	21 35 36.7	-0.6
ECL	baz=238			eS	21 35 38.8	+1.2
SLGT	Liuqi	2.03 243	eP	Pn	21 35 38.8	+1.2
SLGT	baz=236			eS	21 36 04.8	+1.7
JTJ	Tarama	2.04 69	P	Pb	21 35 39.9	-0.4
CHN1	Nanshi	2.05 249	P	Pb	21 35 40.8	+0.3
CHN1	baz=247			eS	21 36 04.3	+0.7
CHY	Chiay	2.05 259	eS	Sb	21 36 06.3	+0.2
CHY	baz=256			eS	21 35 39.8	-0.9
TWK	Hsiaying	2.06 252	eP	Pb	21 35 39.8	-0.9
TWK	baz=249			S	21 36 06.3	-0.1
RLNB	Erlin	2.06 270	eP	Sb	21 35 38.8	+0.8
RLNB	baz=267			S	21 36 07.3	+0.8
SNST	Tainan City	2.06 251	eP	Pn	21 35 39.3	+1.3
SNST	baz=248			eS	21 36 04.3	+0.5
SSD	Sandimen	2.17 238	eP	Pn	21 35 39.8	+0.4
SSD	baz=232			eS	21 36 06.8	+0.5
EAST	Anshuo	2.23 227	P	Pn	21 35 40.8	+0.5
EAST	baz=233			eS	21 36 06.6	-1.5
MASBT	Mashbuluo	2.24 235	eP	Pn	21 35 42.0	+1.6
MASBT	baz=228			eS	21 36 07.8	-0.4
SCLT	Jiali	2.34 252	eP	Pn	21 35 43.7	+1.9
SCLT	baz=250			eS	21 35 42.6	0.0
SCZT	Fangliu	2.40 230	eP	Pn	21 35 09.9	-2.2
SCZT	baz=224			eS	21 35 45.8	-1.7
TWKBT	Hengchun	2.58 220	eP	Pn	21 35 46.2	+1.2
TWKBT	baz=219			eS	21 35 48.8	+0.9
WDGT	Dungji	2.79 257	P	Pn	21 36 21.5	-0.2
WDGT	baz=253			eS	21 35 50.4	+2.0
PHUB	Peng-hu	2.82 262	eP	Pn	21 36 22.8	+0.4
PHUB	baz=272			eS	21 35 51.1	+2.7
PNG	Penghu	2.83 263	eP	Pn	21 36 22.8	+0.2
PNG	baz=273			eS	21 35 52.4	+1.5
VCHM	Qimei	3.01 257	eP	Pn	21 36 27.7	+0.6
VCHM	baz=253			eS	21 36 25.9	-1.7
PTTC	Pingtang	3.03 302	eS	Sn	21 35 52.5	+0.6
VWUC	VWUC	3.07 291	eP	Pn	21 36 26.7	-2.1
VWUC	baz=291			eS	21 35 56.5	+0.6
PTMZ	Houxiangcun	3.37 290	eP	Pn		

ISC 19 21:41:19.6,0.5,6.81S,0.06,154.69E,0.08,h39km,n52,
c114/52,mb4.3/21,Bougainville-Solomon Islands

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
				h m s	ISC
KRVT	Keravat (AS076)	3.64 313	Op Pn	21 42 12.9	-0.5
KRVT	1.4nm,0.3s,baaz=166,slo=1.7,SNR=21		Sn		
PMG	Port Moresby	7.89 250	Pn	21 43 12.9	+1.0
PMG	1.2nm,0.3s,baaz=341,slo=23,SNR=2.5		Sn		
COEN	Cohen	13.37 237	Pn	21 44 23.8	-3.3
PATS	Pohnpei	14.03 15	Pn	21 44 35.4	+0.6
CTAO	Charters Tower	15.53 211	Pn	21 44 35.7	-0.2
EIDS	Eidsvold	18.77 190	P	21 45 36.8	+0.5
DZM	Mont Dzumac	18.94 144	Pn	21 45 39.2	+0.8
WRO	Warramunga Arr	23.52 234	P	21 46 27.1	+0.7
WRO	comp=Z,19nm,1.1s		IAMB	21 46 28.6	
ARMA	Armidale	23.66 187	P	21 46 27.3	-0.4
WB2	Warramunga Arr	23.66 235	P	21 46 28.0	+0.2
WB2	comp=Z,1.1nm,1.0s		IAMB	21 46 35.0	
WRA	Warramunga Arr	23.68 235	P	21 46 28.6	+0.7
WRA	comp=Z,7.9nm,0.7s,baaz=58,slo=9.7,SNR=15		P		
MTN	Manton Dam	23.96 254	P	21 46 30.4	-0.2
MTN	comp=Z,14nm,1.0s		IAMB	21 46 38.6	
SJUI	Sorong	24.10 283	P	21 46 32.1	+0.2
SJUI	comp=Z,14nm,0.9s,baaz=97,slo=4.5,SNR=11		P		
SWI	Sorong	24.11 283	P	21 46 31.7	-0.2
LHI	Lord Howe Isia	24.92 171	P	21 46 40.4	+1.3
AS31	Alice Springs	26.07 228	P	21 46 49.5	-0.2
ASAR	Alice Springs	26.07 228	P	21 46 50.0	+0.2
KNRA	Kunurra	26.89 249	P	21 46 57.7	+0.6
KNRA	comp=Z,1.4nm,0.8s		IAMB	21 47 00.8	
LBMI	Labuha	27.81 282	P	21 47 04.5	-0.9
FITZ	Fitzroy Crossi	30.45 246	P	21 47 28.9	0.0
FITZ	comp=Z,2.4nm,0.7s,baaz=48,slo=9.8,SNR=5.8		IAMB	21 47 42.5	
BBOO	Bucklebo	31.13 211	P	21 47 33.3	-1.4
BBOO	comp=Z,5.8nm,1.0s		IAMB	21 47 43.6	
FORT	Forrest	34.52 223	P	21 48 03.3	-1.0
THZ	Tophouse	38.38 158	P	21 48 37.0	-0.5
MLZ	Mavora Lakes	40.14 165	P	21 48 51.8	0.0
MORW	Morawa	42.62 234	P	21 49 10.9	-1.5
MORW	comp=Z,4.9nm,0.8s		IAMB	21 49 13.1	
TPUB	Ta-pu	44.77 313	P	21 49 28.6	-1.1
TPUB	comp=Z,6.7nm,0.8s		IAMB	21 49 29.6	-0.7
SSLB	Suanguing	44.83 314	P	21 49 29.6	-0.7
SSLB	comp=Z,5.4nm,0.8s		IAMB	21 50 35.6	+1.3
NJ2	Nanjing	51.59 321	eP	21 50 35.6	+1.3
NJ2	comp=Z,9.0nm,0.8s		pmx		
CMAR	Chiang Mai Arr	60.44 296	P	21 51 26.3	+0.5
CMAR	comp=Z,1.4nm,0.8s,baaz=118,slo=4.8,SNR=6.3		IAMB	21 52 34.8	+0.9
LSA	Lhasa	70.92 304	P	21 52 48.2	0.0
LSA	comp=Z,3.9nm,0.7s		IAMB	21 52 46.5	0.0
TAPN	Taplejung	73.05 301	eP	21 52 47.3	+0.1
TAPN	comp=Z,2.2nm,0.8s		IAMB	21 52 51.1	-0.2
RAMM	Ramite	73.88 300	eP	21 52 51.1	-0.2
RAMM	comp=Z,4.9nm,0.6s		IAMB	21 52 54.4	-0.3
JIRN	Jiri	74.43 301	eP	21 52 56.6	0.0
JIRN	comp=Z,1.1nm,0.7s		IAMB	21 52 58.0	-0.3
GUN	Gumba	74.77 301	eP	21 52 57.9	-0.4
GUN	comp=Z,2.1nm,0.7s		IAMB	21 52 59.0	-0.2
PKI	Pulchoki	75.08 301	eP	21 52 59.7	-0.1
PKI	comp=Z,6.0nm,0.7s		IAMB	21 53 02.3	-0.3
KKN	Kakani	75.25 301	eP	21 53 07.0	-0.5
KKN	comp=Z,1.7nm,0.8s		IAMB	21 53 07.0	-0.5
DMN	Daman	75.34 301	eP	21 53 07.0	-0.5
DMN	comp=Z,1.0nm,0.7s		IAMB	21 53 29.2	+2.3
GKN	Gorkha	75.85 301	eP	21 53 40.7	-0.6
GKN	comp=Z,1.0nm,0.7s		IAMB	21 53 43.6	+1.5
DANN	Dangsing	76.69 301	eP	21 53 43.6	+1.5
DANN	comp=Z,0.4nm,0.6s,baaz=247,slo=5.3,SNR=4.7		IAMB	21 54 44.4	+0.5
RDOG	Red Dog Mine	80.42 15	P	21 54 48.4	-1.1
RDOG	comp=Z,0.5nm,0.4s,baaz=10,slo=6.5,SNR=2.7		IAMB	22 00 20.5	+0.7
MKAR	Makanchi Array	83.07 319	P	22 01 04.6	0.0
MKAR	comp=Z,1.1nm,0.7s,baaz=96,slo=8.2,SNR=7.9		IAMB	22 01 12.2	-1.1
ILAR	Eielson Array	83.22 22	P		
ILAR	comp=Z,2.5nm,0.9s,baaz=252,slo=5.6,SNR=8.1		IAMB		
ZALV	Zalesovo Beam	83.86 326	P		
ZALV	comp=Z,0.4nm,0.6s,baaz=247,slo=5.3,SNR=4.7		IAMB		
NVAR	Nirina Array	91.84 52	P		
NVAR	comp=Z,1.6nm,0.9s,baaz=252,slo=5.6,SNR=8.1		IAMB		
YKA	Yellowknife Ar	96.32 28	P		
YKA	comp=Z,0.3nm,0.7s,baaz=254,slo=5.0,SNR=5.1		IAMB		
TCUT	Tecum Canyon	97.37 49	P		
TCUT	comp=Z,0.2nm,0.3s,baaz=29,slo=3.0,SNR=4.0		IAMB		
GERES	GERES Array B	126.74 329	PKP		
GERES	comp=Z,2.3nm,0.8s,baaz=239,slo=11,SNR=3.6		PKPbc		
BDFB	Brasilia	148.32 135	PKPbc		
BDFB	comp=Z,2.3nm,0.8s,baaz=239,slo=11,SNR=3.6		PKPbc		
TORD	Torodi Ar	152.69 285	PKPbc		
TORD	comp=Z,1.4nm,0.7s,baaz=16,slo=2.8,SNR=12		PKPbc		

IDC 19 21:47:25.6,2.6,7.59S:155.54E,h0km,mb3.6/4,
mb1.3/9,mb1mx3.5/35,mbtmp3.6/4,MS4.2/1,Ms1 4.2/1,
ms1mx3.2/26,Error ellipse: s-maj=111.9km
s-min=30.0km az=128.0,Bougainville-Solomon Islands

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
				h m s	ISC
WRA	Warramunga Arr	23.93 237	Op Pn	21 52 41.2	-0.4
WRA	2.5nm,0.9s,baaz=63,slo=9.3,SNR=5.8		LR	22 01 50.2	
ASAR	Alice Springs	26.20 230	P	21 53 02.4	+0.2
ASAR	comp=Z,5.64nm,20.3s,baaz=115,slo=36		P	21 59 56.7	+0.5
ILAR	Eielson Array	83.73 21	P	21 59 58.7	-0.3
ILAR	comp=Z,2.5nm,0.9s,baaz=239,slo=11,SNR=3.6		P		
MKAR	Makanchi Array	84.20 319	P		
MKAR	comp=Z,0.4nm,0.8s,baaz=102,slo=6.1,SNR=1.5		P		

IDC 19 21:47:27.4,2.2,11.41N:85.57W,h0km,mb4.1/9,
mb1 4.3/10,mb1mx3.9/39,mbtmp4.1/10,MS3.9/2,
GPS1
s-min=39.2km az=29.0,
NEIC 19 21:47:33.6,1.3,10.99N:0.1:86.40W,0.08,h53km,10km,
mb4.4/90,Error ellipse: s-maj=16.6km s-min=9.8km
az=203.0
UCR 19 21:47:33.0,2.1,10.99N:86.36W,h20km,MDA.1,
mb4.4(NEIC)
INET 19 21:47:35.4,11.08N:86.34W,h49km,ML3.9
ISC 19 21:47:33.6,1.2,10.97N:0.07:86.36W,0.07,h51km,11km,
n131,σ18/102,mb4.3/50,Off coast of Costa Rica

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
				h m s	ISC
NY14	Universidad de	0.87 111	iP	21 47 48.7	-0.9
NY14	iS		Sn	21 48 02.1	+0.8
GBS3	Finca Las Ing	0.90 102	iP	21 47 49.0	-1.1
LAPC	Finca la Perla	0.93 102	iP	21 47 49.2	-1.2
LAPC	iS		Sn	21 48 02.6	-0.2
BUEV	Bueno Vista	0.95 100	eP	21 47 49.8	-0.9
BUEV	iS		Sn	21 48 03.4	+0.1
GB1A	Borinquen Arri	0.95 99	eP	21 47 50.1	-0.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pinedale Array, Hardware Ranch, Red Top Meadow, Snow King Moun, Teton Pass, Elko, NVAR, ULM, DCMT, LRM, WYOR, J08A, F10A, YKA, INK, IL31, ILAR, WMQ, KSH, LZH, ASAR, CMAR, etc.

19d 21:51:52.4-1.4, 14.48N:84.76W, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.5/40, mbtm3.5/5, ML3.3/1, Error ellipse: s-maj=39.3km s-min=20.2km az=39.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tegucigalpa, UN, Conchagua, FAGO, JUCU, COEG, APG, TXAR, LPAZ, YKA, PLCA, etc.

19d 21:53:48.0-2.4, 5.35S:154.75E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/28, mbtm3.6/4, Error ellipse: s-maj=95.0km s-min=32.5km az=121.0

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

19d 22:06:53.7-3.0, 3.81N:123.98E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.2/37, mbtm3.4/2, MS4.4/1, MS1 4.4/1, s-min=45.9km az=60.0, Celebes Sea

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

HEL 19 22:10:28.0, 67.18N:20.72E, h0km, ML1.4, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DUNU, KUA, ERTU, PAJU, HARU, HEF, SJIU, TOF, KIF, RNF, SGE, ARCESS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Riecki, UPP, DUNU, MASUGNSBYN, HARU, LANU, KOUU, etc.

19d 22:12:02.3-5.7, 68.44N:164.03W, h0km, mb3.5/4, mb1 4.2/6, mb1mx3.5/51, mbtm3.8/6, ML4.0/2, Error ellipse: s-maj=95.2km s-min=64.2km az=132.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RDOG, ANLM, COLD, TOLK, MLY, TALATINA, BPAW, NEA, HAMM, KTH, BWN, PCLA, COLA, TRF, CCB, WRH, FYU, MCK, IL31, ILAR, etc.

19d 22:12:59.8-1.4, 67.71N:162.56W, h0km, mb3.7/9, mb1 4.0/10, mb1mx3.7/52, mbtm3.7/10, ML4.1/1, MS4.5/1, MS1 4.5/1, ms1mx3.2/57, Error ellipse: s-maj=34.8km s-min=17.2km az=24.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRP, RND, HDA, DNY, SUA, GHO, RSO, RABBIT, KNK, HARP, EGAK, FID, DAWY, ELPK, GBY, INK, INK, YKA, etc.

19d 22:13:00.8-1.8, 67.73N:162.56W, h0km, mb3.7/9, Error ellipse: s-maj=11.9km s-min=9.0km az=137.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RDOG, ANLM, PS01, COLD, TOLK, MLY, TTA, PS01, BPAW, KTH, MDM, MDM, BWN, PCLA, COLA, COLA, POKR, etc.

19d 22:15:58.8-0.6, 67.74N:162.59W, h0km, mb3.6/5, ms161/56, mb3.7/8, Northern Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RDOG, ANLM, PS01, COLD, TOLK, MLY, TTA, PS01, BPAW, KTH, MDM, MDM, BWN, PCLA, COLA, COLA, POKR, etc.

19d 22:15:57.3-1.6, 67.74N:162.59W, h0km, mb3.6/5, ms161/56, mb3.7/8, Northern Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RDOG, ANLM, PS01, COLD, TOLK, MLY, TTA, PS01, BPAW, KTH, MDM, MDM, BWN, PCLA, COLA, COLA, POKR, etc.

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

19d 22:17:18.7-2.1, 7.29S:155.24E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/37, mbtm3.7/5, ML4.0/1, Error ellipse: s-maj=52.8km s-min=30.9km az=118.0

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

19d 22:17:42.6, 38'S:23°17'9"E, h28km, 17km, M2.9/18, mb5.2/1, ML3.0/18, ML2.9/18, Mw(MB)4.6/1, Error ellipse: s-maj=0.0km s-min=0.0km az=35.3, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WMGZ, PUZ, MXZ, PKGZ, HAZM, TKGZ, RUGZ, MWZ, KHZH, URZ, SNGZ, RAHZ, MUZ, MTHZ, ARHZ, BHZ, MCHZ, KAHZ, KWHZ, KRHZ, EDVZ, TSKZ, HMWZ, CMOZ, etc.

19d 22:20:58.3-5.6, 6.58S:152.31E, h0km, mb3.3/4, mb1 3.6/4, mb1mx3.4/28, mbtm3.3/4, Error ellipse: s-maj=140.8km s-min=37.7km az=103.0, New Britain

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

19d 22:22:08.1, 7.80N:82.98W, h0km, mb4.0(NEIC), 19d 22:22:08.1, 3.81N:82.83W, h0km, mb3.6/7, mb1 3.9/8, mb1mx3.7/28, mbtm3.6/8, ML3.6/1, Error ellipse: s-maj=47.5km s-min=25.9km az=54.0

19d 22:22:08.1, 8.1N:82.83W, h12km, 4km, mb4.0/3, Error ellipse: s-maj=19.8km s-min=7.6km az=21.0

19d 22:22:08.1, 4.0, 8.09N:0.06:82.90W, h10km, n47, c1831/48, mb3.7/7, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTJ1, BRU2, EDSV, EDPN, EDPN, EDBA, EDLM, EDLV, EDDO, EDDO, RGMO, GMAL, LCR2, BKZ, SJS, SRA1, AZU, ARE1, CDE2, BCIP, BCIP, PLVR, CUI1, CUI2, BUEV, ESPN, ESPN, ACON, ACON, MATN, CRIN, CSGN, TGUH, ROSC, APG, etc.

19d 22:22:08.1, 3.81N:123.98E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.2/37, mbtm3.4/2, MS4.4/1, MS1 4.4/1, s-min=45.9km az=60.0, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BAN1, DR12, H0E1, ULM, NVAR, PLCA, TORD, etc.

19d 22:29:11.3-2.2, 7.20S:155.06E, h0km, mb3.7/6, mb1 3.9/6, mb1mx3.7/25, mbtm3.7/6, Error ellipse: s-maj=69.8km s-min=29.0km az=122.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CLL, STU, BFO, ECH, GEYT, FINES, TAM, AKTO, HFS, ESDC, NA001, NOA, ARU, TOAO, TORO, KURBB, KURKB, MKAR, DBIC, WMQ, WMQ, WMQ, WMQ, NRIK, HHC, HHC, CMAR, C36M, USRK, YKA, ILAR, ULM, MJAR, BDFB, PVAR, NDAR.

IDC 19 23:41:25.8z, 4.8, 49N, 153.23E, h152km, 24km, mb3.1/7, m1 3.8/8, mb1mx3.0/58, mbtmp3.6/8, Error ellipse: s-maj=46.7km s-min=18.0km az=161.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PETK, ASAJ, H1N2, H1N1, H1N3, H1S1, H1S2, ILAR, MKAR, KURBB, YKA, BVAR, FINES, TXAR.

IDC 19 23:41:56.2z, 5.6, 78S, 154.89E, h0km, mb3.5/3, m1 3.8/4, mb1mx3.4/41, mbtmp3.6/4, ML3.7/1, MS3.8/1, Ms1 3.8/1, ms1mx3.0/32, Error ellipse: s-maj=64.0km s-min=34.7km az=105.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, WRA, ASAR, FITZ, TORO, ARMA, ARMA, ARMA, WRO, WRB, WRB, WRA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, MKAR, ILAR, ZALV, KURBB, NVAR, BVAR, YKA, TORO, TORO.

INET 20 00:02:01.4, 12.05N, 87.75W, h15km, ML3.8, SNET 20 00:02:04.1, 10.122N, 88.06W, h15km, 999km, ML3.4, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CNCH, CNCH, CNCH, LCND, LCND, LCND, RANC, EI Ranchito, PAPA, TECA, TECA.

IDC 20 00:08:25.3z, 1.3, 0.07S, 123.36E, h0km, mb3.5/4, m1 3.9/6, mb1mx3.6/48, mbtmp3.8/6, ML3.8/2, Error ellipse: s-maj=54.5km s-min=20.6km az=73.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LUWI, KMSI, MRSI, MPPI, TTSI, LBMI, SPSI, BNSI, KAPI, KAPI, BKSJ, FITZ, WRA, ASAR, SONM, MKAR.

IDC 20 00:10:41.3z, 0.4, 7.10S, 155.39E, h0km, mb4.9/27, m1 5.0/33, mb1mx4.8/49, mbtmp4.9/33, ML3.7/5, Error ellipse: s-maj=13.0km s-min=11.6km az=91.0

BUI 20 00:10:42.0z, 0.0, 6.64S, 155.45E, h5km, mb5.3/43, mb5.0/62, Ms5.4/23, Ms7.5/21, NEIC 20 00:10:46.2z, 0.7, 7.06S, 155.15E, h28km, 3km, mb5.2/179, Error ellipse: s-maj=10.6km s-min=9.0km az=209.0

DJA 20 00:10:52.3z, 0.5, 7.3S, 151.5E, h39km, 5km, M5.3/55, mb5.3/55, mb5.8/28, MLV5.7/2, MW(5)3.2/8, MWp5.5/2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL, KRVT, KRVT, HNR, HNR, HNR, PMG, PMG, COEN, PATS, JAY, JAY, MTSU, CTA, CTA, CTAO, GENI, SMP1, DZM, DZM, DZM, EIDS, EIDS, EIDS, KWAJ, QIS, RMQ, QLP, KDU, FAKI, FAKI, FAKI, ARMA, ARMA, ARMA, WRO, WRB, WRB, WRA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, MTN, LHI, LHI, MSVF, SIJ, SWI, BNSI, ASAR, ASAR, KNRA, KNRA, H1S3, H1S2, H1S1, LBMI, CAN, TNTI, H1N1, H1N3, H1N2, SOEI, SOEI, SOEI, FITZ, FITZ, FITZ, BBOO, WRA, TOO, KMSI, BBSI, MBRI, AFI, KCP, EDPI, FORT, BKSJ, BKSJ, BNSI, KAPI, KAPI, SPSI, SPSI, TTSI, NUES, HIZ, HIZ, MPPI, PSAO, PLAI, PLAI, NHZ, THZ, THZ, TUWZ, BFZ, BFZ, MSWZ, LTZ, PLWZ, KHZ, KHZ, OXZ, OXZ, MLZ, MEK, SPMM, JAGI, JAGI, JAGI, JAGI, GIRL, KLRB, MORW, MORW, MORW, BLDU, NWAO, NWAO, NWAO, PCJI, WJOJ, MUN, MUN, SIBU, SIBU, SIBU, YULB, YULB, NACB, NACB, TPUB, SSSL, SSSL, KSM, KSM, KSM, YHNB, YHNB, MJAR, MJAR, MAJO, MAJO, MJB9, CISI, MCQ.

20d 0h

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Table with columns for station call letters, frequency, and signal strength. Includes stations like SNZO, BFZ, BHW, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like MAJO, MAT, MJB, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like TEY, PPT, PPT2, etc.

20d Oh

Table with columns: WMO, Urumqj, 79.14 317, P, P, 00 28 01.6 +0.3, 00 29 35.5, MESA MESA, 83.02 27, P, P, 00 28 21.8 0.0, 00 28 26.9, etc.

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Table with columns: MDM, IAMS_20, IAMS_20, 00 59 05.5, SEM, comp=Z,258nm,5.5s, pmax, pmax, WRAK Wrangeli Islan, 86.22 32, P, P, 00 28 39.1 +1.5, 00 28 41.9, etc.

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Table with columns: WRAK Wrangeli Islan, 86.22 32, P, P, 00 28 39.1 +1.5, 00 28 41.9, WRAK Wrangeli Islan, 86.22 32, IAMS_20, IAMS_20, 01 01 34.6, KSH Kashi, 86.35 310, P, P, 00 28 39.8 +0.9, 00 28 45.9 -2.6, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like H04A Detroit Lake, F04A Amboy, INK Inuvik, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like G08A Pilot Rock, J08A Circle Bar, G08A Dider Farm, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JLU Jordanelle, TUC Tucson, TMUT Trail Mountain, etc.

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TLCR	120.31	319	↑P	PKIKP	00 34 49.5	+1.7	E57A	Chemin Saint G	122.30	39	P	PKIKP	00 34 51.9	+0.2	G61A	St-Isidore-de-	124.44	39	P	PKIKP	00 34 56.7	+0.7	
TLCR	120.31	319	↑PKIKP	PKIKP	00 34 49.5	+1.7	L57A	Andrews Acres	122.34	44	P	PKIKP	00 34 52.3	+0.3	K61A	Williamstown	124.51	42	P	PKIKP	00 34 57.0	+0.8	
U54A	Nelsons Funny	120.39	52	IAMS_20	IAMS_20	01 22 03.8	G57A	Andrews Acres	122.34	40	P	PKIKP	00 34 52.1	+0.3	E61A	Lac Etchemin	124.51	37	P	PKIKP	00 34 57.0	+0.9	
E54A	Lac Daplat, Po	120.39	40	P	PKPdf	00 34 47.8	0.0	J57A	Williamstown	122.38	42	P	PKIKP	00 34 52.2	+0.3	PSZ	Piszkesteto	124.52	325	↑P	PKIKP	00 34 57.3	+1.2
D54A	Lac Fusel, La	120.42	39	P	PKPdf	00 34 47.6	-0.3	J57A	Williamstown	122.38	42	IAMS_20	IAMS_20	01 21 19.7	PSZ	Piszkesteto	124.52	325	↑PKIKP	PKIKP	00 34 57.3	+1.2	
O54A	Avella	120.45	47	P	PKIKP	00 34 49.0	+0.8	M57A	Sunshine Farm,	122.39	45	P	PKIKP	00 34 52.2	+0.2	HERR	Herculane	124.54	321	↑P	PKIKP	00 34 56.5	+0.4
Q54A	Coxs Mills	120.47	49	P	PKPdf	00 34 48.0	-0.2	I57A	Carthage	122.39	42	P	PKIKP	00 34 52.0	+0.1	H61A	Lynville	124.55	40	P	PKIKP	00 34 58.6	+2.4
N54A	Moraine State	120.48	46	P	PKIKP	00 34 49.0	+0.7	P57A	Homestead Farm	122.40	47	P	PKIKP	00 34 52.8	+0.7	ATAH	Atahualpa	124.55	104	PKP	PKPdf	00 34 56.8	-0.4
N54A	Moraine State	120.48	46	IAMS_20	IAMS_20	01 19 36.9	P57A	Homestead Farm	122.40	47	IAMS_20	IAMS_20	01 24 05.6	N61A	South Mountain	124.59	45	P	PKIKP	00 34 59.4	+3.1		
M54A	Oil Creek Stat	120.54	46	P	PKIKP	00 34 48.7	+0.3	O57A	Homestead Farm	122.42	46	P	PKIKP	00 34 52.2	+0.1	U61A	Possum Corner	124.59	50	IAMS_20	IAMS_20	01 23 21.1	
L54A	Sinclairville	120.54	45	P	PKIKP	00 34 49.3	+0.9	RAZG	Razgrad	122.47	318	↑P	PKIKP	00 34 52.9	+0.8	I61A	Oroboro, Fairl	124.64	40	P	PKIKP	00 34 57.7	+1.3
P54A	Burton	120.55	48	P	PKIKP	00 34 49.2	+0.7	DWPF	Disney Wildern	122.51	61	IAMS_20	IAMS_20	01 25 04.8	BZS	Buzias	124.68	322	↑P	PKPdf	00 34 55.0	-1.1	
HODGE	Hodges	120.59	54	IAMS_20	IAMS_20	01 25 09.5	VOIR	VOIR	122.63	320	↑P	PKIKP	00 34 54.4	+1.9	BZS	Buzias	124.68	322	↑PKIKP	PKPdf	00 34 55.0	-1.1	
J54A	Appleton	120.64	43	IAMS_20	IAMS_20	01 20 26.9	VOIR	VOIR	122.63	320	↑P	PKIKP	00 34 54.4	+1.9	J61A	Chester	124.68	41	P	PKIKP	00 34 57.7	+1.2	
CFR	Carcalui	120.75	319	↑P	PKIKP	00 34 50.5	+1.9	VOIR	VOIR	122.63	320	↑P	PKIKP	00 34 54.4	+1.9	LBNH	Lisbon	124.68	40	P	PKIKP	00 34 58.0	+1.6
CFR	Carcalui	120.75	319	↑PKIKP	PKIKP	00 34 50.5	+1.9	KOLS	Kolonickie sedl	122.63	325	ePKIKP	PKIKP	00 34 53.9	+1.6	M61A	Granite Spring	124.73	44	P	PKIKP	00 34 57.2	+0.6
TERR	Medins	120.81	43	IAMS_20	IAMS_20	01 20 10.3	KOLS	Kolonickie sedl	122.63	325	ePKIKP	PKIKP	00 34 53.9	+1.6	NNA	Nana	124.73	110	PKP	PKIKP	00 34 57.6	+0.2	
MIRR	Tigusor	120.85	318	IAMS_20	IAMS_20	01 21 16.9	LATQ	La Tuque	122.66	37	P	PKIKP	00 34 53.0	+0.7	NNA	Nana	124.73	110	cPKIKP	PKIKP	00 34 58.0	+0.6	
ANGG	Ammassalik, Gr	120.86	6	IAMS_20	IAMS_20	01 32 16.9	LATQ	La Tuque	122.68	37	IAMS_20	IAMS_20	01 27 00.0	NNA	Nana	124.73	110	cPKIKP	PKIKP	00 34 58.0	+0.6		
I55A	Frankford	120.94	42	P	PKIKP	00 34 49.5	+0.4	BSD	Bornholm Skovb	122.68	334	i	PKPdf	00 34 49.8	-2.1	NNA	Nana	124.73	110	IAMS_20	IAMS_20	01 26 37.4	
WVNY	West Valley, N	120.98	44	IAMS_20	IAMS_20	01 26 31.8	D58A	Chemin du LacG	122.75	37	P	PKIKP	00 34 52.6	0.0	MORC	Moravsky Berou	124.76	328	↑P	PKPdf	00 34 55.3	-0.9	
U55A	TA2, Sparta	120.99	52	P	PKIKP	00 34 50.8	+1.2	UZH	Uzhgorod	122.78	325	ePKIKP	PKPdf	00 34 52.0	-0.3	MORC	Moravsky Berou	124.76	328	↑PKIKP	PKPdf	00 34 58.2	+1.7
MCWV	Mont Chateau	121.00	48	IAMS_20	IAMS_20	01 29 37.7	LYNY	Lake Ozonia	122.81	41	P	PKIKP	00 34 53.1	+0.3	PAL	Palisades	124.76	44	P	PKIKP	00 34 57.6	+0.9	
Q55A	Buckhannon	121.03	49	P	PKIKP	00 34 50.1	+0.7	Q58A	Fox Den Farm,	122.82	48	P	PKIKP	00 34 53.5	+0.6	VYHS	Vyhne	124.79	326	ePKIKP	PKIKP	00 34 56.9	+0.3
X55A	Gracelyn & Ava	121.04	54	P	PKIKP	00 34 50.7	+1.1	M58A	Prie's Panora	122.84	45	P	PKIKP	00 34 53.8	+0.9	OSTC	Ostas	124.79	329	ePKP	PKIKP	00 34 57.4	+0.5
ESPN	Las Esperanzas	121.05	80	IAMS_20	IAMS_20	01 27 58.7	E58A	La Victoria	122.85	38	P	PKIKP	00 34 53.3	+0.6	OSTC	Ostas	124.79	329	ePKP	PKIKP	00 34 57.4	+0.5	
P55A	Reedsville	121.06	48	P	PKIKP	00 34 51.2	+1.7	BINY	Binghamton	122.86	44	P	PKIKP	00 34 53.4	+0.4	OSTC	Ostas	124.79	329	ePKP	PKIKP	00 34 57.4	+0.5
MATP	Matopo	121.06	241	i	PKPpre	00 34 46.1	K58A	Earville	122.87	43	P	PKIKP	00 34 53.3	+0.3	KRLC	Kraliky	124.98	329	ePKPDF	PKIKP	00 34 56.8	-0.1	
MATP	Matopo	121.06	241	i	PKPpre	00 34 46.1	K58A	Earville	122.87	43	P	PKIKP	00 34 53.3	+0.3	KRLC	Kraliky	124.98	329	ePKPDF	PKIKP	00 34 56.8	-0.1	
MATP	Matopo	121.06	241	i	PKPpre	00 34 46.1	K58A	Earville	122.87	43	P	PKIKP	00 34 53.3	+0.3	KRLC	Kraliky	124.98	329	ePKPDF	PKIKP	00 34 56.8	-0.1	
MATP	Matopo	121.06	241	i	PKPpre	00 34 46.1	K58A	Earville	122.87	43	P	PKIKP	00 34 53.3	+0.3	KRLC	Kraliky	124.98	329	ePKPDF	PKIKP	00 34 56.8	-0.1	
HARR	Harsova	121.08	319	↑P	PKIKP	00 34 50.1	+0.8	J58A	Remsen	122.87	42	P	PKIKP	00 34 53.4	+0.5	L61B	Northampton	124.99	42	P	PKIKP	00 34 58.4	+1.2
HARR	Harsova	121.08	319	↑PKIKP	PKIKP	00 34 50.1	+0.8	TRPA	Tarpa	122.89	324	↑P	PKIKP	00 34 54.4	+1.7	H62A	Milan	125.01	39	P	PKIKP	00 34 58.1	+1.0
E55A	Montcer-Lytto	121.09	39	P	PKIKP	00 34 50.3	+1.1	P58A	Pank, Wackersv	122.91	47	P	PKIKP	00 34 53.7	+0.6	D62A	Allapoint, All	125.02	36	P	PKIKP	00 34 57.3	+0.3
KM5C	Kings Mountain	121.12	53	P	PKIKP	00 34 50.5	+0.8	G58A	Ormstown	122.92	40	P	PKIKP	00 34 53.7	+0.8	D62A	Allapoint, All	125.02	36	IAMS_20	IAMS_20	01 28 23.1	
H55A	Tweed	121.14	42	P	PKIKP	00 34 49.7	+0.3	ARR	Arges	122.92	320	↑P	PKIKP	00 34 55.6	+2.6	MDVR	Medvotia	125.03	321	↑P	PKIKP	00 34 57.6	+0.4
G55A	Calabogie	121.17	41	P	PKIKP	00 34 49.8	+0.4	CJR	Cluj-Napoca	122.94	322	↑P	PKPdf	00 34 51.9	-0.9	CHVC	Chvalec	125.04	329	ePKPDF	PKIKP	00 34 57.3	+0.3
L55A	Hinsdale	121.17	45	P	PKIKP	00 34 50.0	+0.4	CJR	Cluj-Napoca	122.94	322	↑P	PKPdf	00 34 51.9	-0.9	CHVC	Chvalec	125.04	329	ePKPDF	PKIKP	00 34 57.3	+0.3
M55A	Ridgway	121.19	45	P	PKIKP	00 34 50.1	+0.4	I58A	Old Forge	122.94	42	P	PKIKP	00 34 53.3	+0.2	VTS	Vitosh	125.04	318	↑P	PKPdf	00 34 55.8	-1.3
J55A	Hilton	121.21	43	P	PKIKP	00 34 49.7	+0.2	U58A	Oxford	122.96	51	P	PKIKP	00 34 53.5	+0.3	VTS	Vitosh	125.04	318	↑PKIKP	PKPdf	00 34 55.8	-1.3
R55A	Marlington	121.21	49	P	PKIKP	00 34 49.9	+0.1	O58A	Lewisberry	122.97	46	P	PKIKP	00 34 54.1	+0.9	VTS	Vitosh	125.04	318	↑PKIKP	PKPdf	00 34 55.8	-1.3
D55A	Sainte-Anne-du	121.21	38	P	PKIKP	00 34 49.7	+0.2	R58B	Millersville	122.99	49	P	PKIKP	00 34 53.0	0.0	DPC	Dobruska-Polom	125.05	329	ePKPDF	PKIKP	00 34 58.4	+1.3
O55A	Ligonier	121.22	47	P	PKIKP	00 34 50.5	+0.7	L58A	Harry Jones Me	123.01	44	P	PKIKP	00 34 53.8	+0.0	DPC	Dobruska-Polom	125.05	329	ePKPDF	PKIKP	00 34 58.4	+1.3
K55A	Perry	121.23	44	P	PKPdf	00 34 49.5	0.0	HUMR	Humle	123.07	319	↑P	PKPdf	00 34 51.5	-1.5	DPC	Dobruska-Polom	125.05	329	ePKPDF	PKIKP	00 34 58.4	+1.3
N55A	Marion Center	121.26	46	P	PKIKP	00 34 49.9	+0.1	HUMR	Humle	123.07	319	↑P	PKPdf	00 34 51.5	-1.5	DPC	Dobruska-Polom	125.05	329	ePKPDF	PKIKP	00 34 58.4	+1.3
BLA	Blacksburg	121.29	51	P	PKIKP	00 34 51.9	+1.9	PAGS	Pennsylvania G	123.07	46	IAMS_20	IAMS_20	01 25 31.4	G62A	West of Eustis	125.09	38	P	PKIKP	00 34 58.1	+0.8	
BLA	Blacksburg	121.29	51	IAMS_20	IAMS_20	01 20 50.5	COPA	Copaceana	123.08	319	↑P	PKPbpc	00 44 47.7	+2.3	UPC	Upice	125.11	329	ePKP	PKIKP	00 36 46.8	+1.1	
BIZ	Bicaz	121.31	322	↑P	PKPdf	00 34 49.2	-0.4	LSZ	Lusaka	123.14	247	PKIKP	MLR	00 34 55.8	+1.5	UPC	Upice	125.11	329	ePKP	PKIKP	00 36 46.8	+1.1
BIZ	Bicaz	121.31	322	↑P	PKPbpc	00 34 49.2	-0.4	LSZ	Lusaka	123.14	247	IAMS_20	IAMS_20	01 28 07.0	UPC	Upice	125.11	329	ePKP	PKIKP	00 36 46.8	+1.1	
656A	Wilston	121.38	60	IAMS_20	IAMS_20	01 22 19.7	ELND	Elena	123.14	317	↑P	PKPbpc	00 44 48.4	+2.9	K62A	Royalton	125.19	42	P	PKIKP	00 34 58.7	+1.2	
VRI	Vrincioia	121.38	320	↑P	PKPbpc	00 44 52.6	+0.6	ELND	Elena	123.14	317	↑P	PKPbpc	00 44 48.4	+2.9	J62A	Henniker	125.22	41	P	PKIKP	00 34 58.8	+1.3
ICOR	Ion Corvin	121.39	318	↑P																			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMI Kunming, CM31 Chiang Mai Arr, CHTO Chiang Mai, CD2 Chengdu, HHC Hu-ho-hao-fe, LZH Lanzhou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11S1 WAKE ISLAND Hy 93.06 299, H11N3 WAKE ISLAND Hy 93.98 300, etc.

ATH 20 01:27:46.6, 37.44N-20.86E, h19km, 1km, ML3.3/10, Error ellipse: s-maj=1.7km s-min=0.6km az=39.0

THE 20 01:27:47.2, 37.43N-20.85E, h13km, ML3.7/14, Error ellipse: s-maj=1.4km s-min=0.6km az=45.0

ISC 20 01:27:47.1, 1.37, 46N, 0.03, 20.84E, 0.03, h20km, 2km, n104, c1913/136, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRI1 KERI, ZAK2 Zakynthos, VTN Vitineika, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DLFA Delphi, LOUT Loutraki, LTK Loutraki, etc.

IDC 20 01:35:47.9, 1.2, 7.23S, 154.98E, h0km, mb3.9/8, mb1 4.2/9, mb1mx3.9/28, mbtmp3.9/9, ML3.5/1, Error ellipse: s-maj=39.2km s-min=24.0km az=134.0

ISC 20 01:35:54.8, 1.0, 7.05S, 0.2, 154.8E, 0.1, h41km, n10, c1943/11, mb3.8/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat, WRA Warrungarra Arr, ASAR Alice Springs, etc.

IDC 20 01:42:56.6, 4.2, 6.58S, 154.49E, h25km, 26km, mb4.1/14, mb1 4.3/18, mb1mx4.1/40, mbtmp4.3/18, ML4.0/3, MS4.7/1, Ms1 4.7/1, ms1mx3.9/25, mb1mx3.9/25, Error ellipse: s-maj=19.7km s-min=17.3km az=112.0

NEIC 20 01:42:56.9, 1.5, 6.58S, 0.07, 154.5E, 0.1, h29km, 4km, mb4.6/26, Error ellipse: s-maj=14.9km s-min=9.3km az=99.0

DJA 20 01:43:00.6, 1.4, 7.7S, 6.15E, 1.6, h57km, 9km, M5.0/11, mb4.5/11, mb4.6/11, MLV5.3/1, Mw(mB)3.8/1

ISC 20 01:42:59.0, 0.5, 6.61S, 0.06, 154.5E, 0.08, h48km, n57, c096/57, mb4.5/22, 1C-1D, Bougainville-Solomon Islands region

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

IDC 20 01:25:00.9, 0.8, 55.73S, 126.05W, h0km, mb3.9/5, mb1 4.2/5, mb1mx3.9/25, mbtmp3.9/5, Error ellipse: s-maj=59.9km s-min=24.3km az=71.0

ISC 20 01:25:02.3, 0.8, 55.8S, 0.4, 126.0W, 0.2, h10km, n19, c1508/10, mb4.0/5, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CPUP Villa Florida, LPAZ Lapa, H01W1 Cape Leeuwin H, etc.

LAKA Lakka, LAKA Lakka, MGNA Meganias, MGNA Meganias

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LAKA Lakka, MGNA Meganias, VLP Vlachokerasia, etc.

FITZ Fitzroy Crossi, MIMRI Murembi, EDFI Ende Flores, RAO Raoul Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FORF Forrest, KKM Kota Kinabalu, SSSL Suanglung, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like CMAR Chiang Mai Arr, CHTO Chiang Mai, SHL Shilong, etc.

IDC 201:48:14.5:1.5, 6:2S:154.91E, h0km, mb3.7/4, mb1.3/5, mb1mx3.6/5, mbtmp3.7/5, ML3.5/1, Error ellipse: s-maj=40.1km s-min=27.4km az=118.0

ISC 201:48:22.1:1.2, 6.7S:0.2:154.9E:0.2, h56km, n7, c046/7, mb3.8/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like KRVT Karavat, WRA Warrunga Ar, ASAR Alice Springs, etc.

IDC 201:54:09.6:0.4, 2.6:54Sx114.99W, h0km, mb4.7/28, mb1.4/29, mb1mx4.8/41, mbtmp4.7/29, ML3.6/1, MS5.5/24, Ms1.5/24, ms1mx4.2/26, Error ellipse: s-maj=15.2km s-min=13.4km az=108.0

MOS 201:54:09.6:1.9, 26:76S:115:70W, h10km, mb5.4/15, MS5.5/7, Error ellipse: s-maj=31.0km s-min=20.7km az=75.5

NEIC 201:54:11.7:1.8, 26:6S:0.1:115:0W:0.1, h10km, 1km, mb5.5/394, Ms 2.0 5.6/501, Mw5.9(GCMT), Error ellipse: s-maj=18.6km s-min=15.3km az=164.0

BUI 201:54:13.0:0.0, 26:60S:115:00W, h10km, mb5.7/27, Ms5.8/33, Ms7.5/735

GCMT 201:54:14.7:0.1, 26:80S:0.0:114:87W:0.0, h14km, MW5.8/170, Moment Tensor Solution. s139, c252; s170, c386. Duration: 1.9. Moment tensor: Scale 1017 Nm; h1-1.62; 0.7; Mw0.53; 0.7; Mw1.12; 0.6; Mw1.35; 1.6; Mw6.01; 0.6; Mw0.24; 1.4; Best double couple: M6.220000*1017, NP1.181, 0.00000; 875.00000; lambda-8.00000; NP2.273, 0.00000; 862.00000; lambda-165.00000; Principal axes: T 6.8980, Plg5.0000; Azm46.0000; N -1.3510, Plg73.0000; Azm299.0000; P -5.5410, Plg16.0000; Azm137.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 201:54:15.26:82S:114.89W, h16km, Moment Tensor Solution. Moment tensor: Scale 1017 Nm, Mw1.98; Mw0.53; Mw1.1. 45; Mw1.05; Mw6.45; Mw2.18; Fault plane solution: Mw110000*1017, NP1.181, 0.00000; 876.00000; lambda-23.00000; NP2.275, 0.00000; 868.00000; lambda-165.00000; Principal axes: T 7.5415, Plg6.0000; Azm228.0000; N -0.9502, Plg63.0000; Azm329.0000; P -6.5913, Plg26.0000; Azm133.0000;

ISC 201:54:12.2:0.6, 26:55S:0.07x115:14W:0.06, h17km, 3km, h1km; p-P, n1010, t1942/653, mb5.4/200, MS5.6/279, 49C-35D, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like RPN Rapa Nui, RPN Rapa Nui, TAOE Nuku Hiva Isla, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like 435B Jarrell, ARAG Araguiiana, BC3 Buckwall, etc.

Table with columns: Station ID, Name, Frequency, Power, and Signal Quality. Includes stations like T25A, X40A, S99A, WDC, BMD, PBM0, T42A, SMRT, HICK, SWET, HENM, SDCO, W39A, W39A, PV02, UALR, UALR, NV11, NVAR, NVAR, PV03, PV17, PUS2, TUL1, TUL1, WAKR, RYN, X43A, LRAL, LRAL, PV21, W41B, WHAR, AFDM, AFDM, PNTR, OXF, T35A, T35A, 152A, VCNR, Z50A, Z50A, FCAR, HDBT, SMC0, SMC0, HBAR, Y49A, U40A, U40A, U40A, ORV, ORV, PAHR, LPAR, BEKR, X48A, KSCO, LCAR, 154A, DUG, DUG, R32A, R32A, JANB, GNAF, GNAF, FDF, CBKS, ISCO, O20A, O20A, PEBM, O20D, O03E, GOGA, GOGA, GOGA, SABA, LNXT, FPAL, Y52A, Y52A, ELK.

Table with columns: Station ID, Name, Frequency, Power, and Signal Quality. Includes stations like ELK, GLAT, S39A, WDC, BMD, PBM0, T42A, SMRT, HICK, SWET, HENM, SDCO, W39A, W39A, PV02, UALR, UALR, NV11, NVAR, NVAR, PV03, PV17, PUS2, TUL1, TUL1, WAKR, RYN, X43A, LRAL, LRAL, PV21, W41B, WHAR, AFDM, AFDM, PNTR, OXF, T35A, T35A, 152A, VCNR, Z50A, Z50A, FCAR, HDBT, SMC0, SMC0, HBAR, Y49A, U40A, U40A, U40A, ORV, ORV, PAHR, LPAR, BEKR, X48A, KSCO, LCAR, 154A, DUG, DUG, R32A, R32A, JANB, GNAF, GNAF, FDF, CBKS, ISCO, O20A, O20A, PEBM, O20D, O03E, GOGA, GOGA, GOGA, SABA, LNXT, FPAL, Y52A, Y52A, ELK.

Table with columns: Station ID, Name, Frequency, Power, and Signal Quality. Includes stations like N38A, W58A, P43A, S50A, V56A, U54A, U54A, IMW, T53A, R49A, R49A, S51A, I07A, K31A, V57A, DZM, DZM, DZM, DZM, VNA1, YPP, N41A, U56A, S52A, R50A, R50A, VNA2, V58A, I05D, O44A, HDIL, HDIL, R51A, S53A, RSSD, RSSD, SCIA, Q49A, BMO, V59A, U57A, BLA, BLA, R52A, U58A, SFIN, RLMT, V60A, G08A, R53A, R53A, T57A, SNA4, SNA4, Q51A, Q51A, L40A, U59A, R54A, ECSD, P50A, Q52A, O48A, S56A, M44A, L42A, P51A, Q53A, O49A, R55A, N47A, N47A, O50A, Q54A, Q54A, N48A, P52A, S58A, E09A, JFWS, JFWS, P53A, P53A, L44A, ACSO.

051A	Pataskala	72.95	26	P	P	02 05 39.9	-0.8
I37A	Lemond, Waseca	73.00	16	IAMS_20	IAMS_20	02 33 39.7	
MSO	Missoula	73.05	1	P	P	02 05 42.2	+1.0
MSO	Missoula	73.05	1	P	P	02 05 42.5	+1.3
MSO	Missoula			IAMB	IAMB	02 06 08.3	
R57A	Stanardsville	73.07	29	P	P	02 05 40.7	-0.7
R58B	Mineral	73.08	30	P	P	02 05 41.8	+0.3
R59A	Mechanicsville	73.18	31	P	P	02 05 41.3	-0.8
K33A	Burlington	73.21	20	IAMB	IAMB	02 05 50.6	
K43A	comp=Z,3um,18.0s			IAMS_20	IAMS_20	02 34 41.1	
052A	Adamsville	73.22	26	P	P	02 05 42.4	+0.1
052A	Adamsville	73.22	26	IAMB	IAMB	02 05 51.4	
052A	Adamsville			IAMS_20	IAMS_20	02 33 17.0	
L46A	Eue Claire	73.25	22	P	P	02 05 42.4	0.0
L46A	Eue Claire	73.25	22	IAMS_20	IAMS_20	02 35 05.0	
N50A	Nevada	73.28	25	P	P	02 05 41.9	-0.7
R58A	Raplan	73.30	30	P	P	02 05 42.3	-0.5
P54A	Burton	73.33	27	P	P	02 05 43.2	+0.3
LAO	LASA Array	73.34	6	P	P	02 05 43.2	+0.3
LAO	LASA Array	73.34	6	IAMB	IAMB	02 05 59.4	
Q56A	Snedder Ridge	73.40	28	IAMS_20	IAMS_20	02 34 53.7	
P55A	Reynolds	73.52	28	P	P	02 05 44.2	+0.1
053A	New Philadelph	73.58	26	P	P	02 05 44.4	0.0
M49A	Liberty Center	73.59	24	P	P	02 05 45.8	+1.5
R59A	King George, V	73.62	30	P	P	02 05 44.5	-0.1
I40A	Norwalk	73.62	18	IAMS_20	IAMS_20	02 34 42.1	
MCWV	Mont Chateau	73.64	28	P	P	02 05 45.1	+0.4
MCWV	Mont Chateau	73.64	28	IAMB	IAMB	02 05 52.1	
D05A	Enunclaw	73.66	355	IAMB	IAMB	02 05 59.6	
N51A	Ashland	73.70	25	P	P	02 05 45.8	+0.7
N51A	Ashland	73.70	25	IAMB	IAMB	02 05 52.7	
Q57A	Strasburg	73.73	29	P	P	02 05 45.6	+0.3
L48A	N Adams	73.83	23	P	P	02 05 45.6	-0.3
054A	Avella	73.86	27	P	P	02 05 47.0	+1.0
054A	Avella	73.86	27	IAMB	IAMB	02 05 53.3	
M50A	Fremont	73.87	25	IAMB	IAMB	02 06 02.0	
P56A	Dayton Farm, R	73.93	28	P	P	02 05 46.8	+0.3
E28A	Huff	73.95	10	IAMB	IAMB	02 05 54.5	
E28A	Huff			IAMS_20	IAMS_20	02 34 55.2	
JTMT	Jette	73.96	1	IAMB	IAMB	02 06 04.3	
Q58A	Fox Den Farm,	73.97	30	P	P	02 05 46.7	0.0
K46A	Dorr	74.02	22	P	P	02 05 46.4	-0.5
C09A	Chrisman Ranch	74.06	358	P	P	02 05 47.8	+0.7
C09A	Chrisman Ranch			IAMS_20	IAMS_20	02 33 16.0	
D03D	Eldon	74.09	354	P	P	02 05 48.6	+1.5
I42A	Draeger Farm,	74.11	19	IAMB	IAMB	02 05 56.7	
I42A	Draeger Farm,			IAMS_20	IAMS_20	02 35 20.0	
M51A	Elyria	74.13	25	P	P	02 05 47.7	+0.2
N53A	Lisbon	74.20	26	P	P	02 05 48.4	+0.3
N53A	Lisbon	74.20	26	IAMS_20	IAMS_20	02 34 18.1	
P57A	Homestead Farm	74.27	29	P	P	02 05 48.9	+0.5
P57A	Homestead Farm	74.27	29	IAMB	IAMB	02 05 55.9	
K47A	Vermontville	74.28	23	P	P	02 05 48.4	0.0
SPMN	Marine on St.	74.28	16	P	P	02 05 48.2	-0.2
SPMN	Marine on St.	74.28	16	IAMS_20	IAMS_20	02 34 30.4	
055A	Ligonier	74.33	28	P	P	02 05 46.4	-2.3
EGMT	Eagleton	74.39	4	P	P	02 05 51.7	+2.6
AGM	Ann Arbor	74.42	24	IAMB	IAMB	02 06 06.1	
NEW	Newport	74.50	359	P	P	02 05 49.2	-0.4
NEW	Newport	74.50	359	P	P	02 05 50.7	+1.1
NEW	Newport	74.50	359	IAMB	IAMB	02 06 07.6	
NEW	Newport	74.50	359	IAMS_20	IAMS_20	02 33 09.3	
L50A	Kingsville	74.51	24	P	P	02 05 49.3	-0.5
P58A	Pank, Wackersv	74.59	30	P	P	02 05 50.6	+0.3
M52A	Chesterland	74.63	26	IAMB	IAMB	02 05 57.8	
M52A	Chesterland			IAMS_20	IAMS_20	02 34 56.3	
N54A	Moraine State	74.68	27	P	P	02 05 51.2	+0.4
N54A	Moraine State	74.68	27	IAMS_20	IAMS_20	02 37 34.6	
056A	Blue Knob Stat	74.69	28	P	P	02 05 51.1	+0.2
056A	Blue Knob Stat	74.69	28	IAMB	IAMB	02 05 58.4	
056A	Blue Knob Stat			IAMS_20	IAMS_20	02 38 28.8	
K48A	Perry	74.70	23	P	P	02 05 51.0	+0.2
SDMD	Soldier's Dell	74.73	30	P	P	02 05 51.6	+0.5
M53A	W Miller and	74.81	26	P	P	02 05 51.5	-0.1
J47A	Summer	74.84	22	P	P	02 05 51.2	-0.5
J47A	Summer	74.84	22	IAMB	IAMB	02 06 00.9	
N55A	Marion Center	74.94	28	P	P	02 05 52.5	+0.2
H57A	Windswept, Lux	74.98	20	IAMB	IAMB	02 06 01.6	
003A	Amberson	75.04	29	P	P	02 05 52.7	-0.2
P59A	Jarrettsville	75.07	30	P	P	02 05 53.2	+0.1
I45A	Fountain	75.08	21	IAMS_20	IAMS_20	02 35 41.4	
ALLY	Alegheny Collie	75.20	26	IAMB	IAMB	02 06 05.7	
ALLY	Alegheny Collie			IAMS_20	IAMS_20	02 34 47.3	
K50A	Casco	75.21	24	IAMB	IAMB	02 06 00.6	
J48A	Bridge Port	75.25	23	P	P	02 05 54.3	+0.3

M54A	Oil Creek Stat	75.27	27	P	P	02 05 54.2	0.0
M54A	Oil Creek Stat	75.27	27	IAMB	IAMB	02 06 01.6	
M54A	comp=Z,50nm,1.4s			IAMS_20	IAMS_20	02 35 00.3	
058A	Lewisberry	75.28	29	P	P	02 05 54.4	+0.2
SSPA	Standing Stone	75.28	28	P	P	02 05 54.5	+0.3
SSPA	Standing Stone	75.28	28	P	P	02 05 54.6	+0.3
SSPA	Standing Stone	75.28	28	IAMS_20	IAMS_20	02 34 28.4	
DGMT	Deer Creek	75.32	8	P	P	02 05 55.0	+0.7
N56A	West Decatur	75.34	28	P	P	02 05 56.1	+1.5
MVL	Millersville	75.43	30	IAMB	IAMB	02 06 02.1	
PAGS	Pennsylvania G	75.45	29	IAMB	IAMB	02 06 02.2	
N57A	Milroy	75.52	29	P	P	02 05 55.7	0.0
M55A	Ridgway	75.60	27	P	P	02 05 57.4	+1.2
M55A	Ridgway	75.60	27	IAMB	IAMB	02 06 07.4	
I47A	Gladwin	75.63	22	P	P	02 05 56.6	+0.4
I47A	Gladwin	75.63	22	IAMB	IAMB	02 06 03.8	
ERPA	Erie	75.65	26	P	P	02 05 58.1	+1.7
ERPA	Erie	75.65	26	P	P	02 05 58.8	+0.5
ERPA	Erie			IAMB	IAMB	02 06 03.4	
H45A	comp=Z,62nm,1.5s	75.66	21	P	P	02 05 56.7	+0.3
O59A	Robesonia	75.75	30	P	P	02 05 58.8	+1.8
M56A	Emporium	75.86	28	P	P	02 05 56.1	-1.5
M56A	Emporium	75.86	28	IAMB	IAMB	02 06 04.9	
E38A	The Farm, Brul	75.89	17	IAMB	IAMB	02 06 05.0	
K52A	Tillsonburg	75.93	25	P	P	02 05 57.7	-0.3
N58A	Sunbury	75.95	29	P	P	02 05 58.1	0.0
L54A	Sinclairville	76.02	27	P	P	02 05 58.4	-0.1
F42A	Maple Grove Fa	76.04	19	IAMB	IAMB	02 06 05.8	
F42A	Maple Grove Fa			IAMS_20	IAMS_20	02 36 01.1	
NVL	N'lazarevskaya	76.06	164	eP	P	02 05 57.4	-1.0
NVL	N'lazarevskaya			eS	P	02 15 45.3	+4.5
NVL	N'lazarevskaya			prmax	P		
I48A	Sherman Twp	76.06	23	P	P	02 05 58.9	+0.3
O60A	Telford	76.11	30	P	P	02 05 58.9	-0.1
I49A	Point Hope	76.15	23	IAMS_20	IAMS_20	02 37 08.6	
G45A	Suttons Bay	76.16	21	P	P	02 05 59.8	+0.6
G45A	Suttons Bay	76.16	21	IAMB	IAMB	02 06 08.8	
M57A	Sunshine Farm,	76.18	29	IAMS_20	IAMS_20	02 36 58.3	
L55A	Hinsdale	76.33	27	P	P	02 06 00.9	+0.6
LUPA	Lehigh Univer	76.35	30	P	P	02 06 00.6	+0.2
J52A	Paris	76.42	25	P	P	02 06 00.1	-0.6
N59A	State Game Lan	76.43	30	P	P	02 06 00.9	0.0
N59A	State Game Lan	76.43	30	IAMB	IAMB	02 06 08.1	
WVNY	West Valley, N	76.45	27	IAMB	IAMB	02 06 08.2	
WVNY	West Valley, N			IAMS_20	IAMS_20	02 34 24.6	
AGM	Agassiz Nation	76.49	13	P	P	02 06 02.4	+1.4
AGM	Agassiz Nation			IAMB	IAMB	02 06 08.6	
M58A	Price's Panora	76.50	29	P	P	02 06 01.2	0.0
K54A	Basiliko Farm,	76.59	27	P	P	02 06 00.9	-0.8
H48A	Harrisville	76.64	23	P	P	02 06 01.8	-0.1
H48A	Harrisville	76.64	23	IAMB	IAMB	02 06 19.1	
L56A	Greenwood	76.66	28	P	P	02 06 01.9	-0.3
L56A	Greenwood	76.66	28	IAMB	IAMB	02 06 11.3	
L56A	Greenwood			IAMS_20	IAMS_20	02 36 48.0	
I51A	Listowel	76.69	25	P	P	02 06 02.1	-0.1
N60A	Cedar Hill Far	76.69	30	P	P	02 06 01.8	-0.5
F45A	CMU Biological	76.78	21	P	P	02 06 03.3	+0.7
L57A	Andrews Acres	76.85	28	P	P	02 06 03.1	-0.1
G47A	Hillman	76.87	22	P	P	02 06 03.9	+0.7
K55A	Perry	76.94	27	P	P	02 06 04.3	+0.6
E43A	Lone Tree Farm	76.94	20	IAMB	IAMB	02 06 11.2	
MMNV	Mt. Morris Dam	77.01	27	IAMB	IAMB	02 06 11.1	
LLLB	Lilloet	77.05	356	IAMB	IAMB	02 06 20.9	
ODNJ	Ogdensburg	77.08	30	P	P	02 06 04.5	0.0
ODNJ	Ogdensburg			IAMB	IAMB	02 06 13.0	
M59A	Waymart	77.08	29	P	P	02 06 04.3	-0.2
D41A	Chassel	77.10	18	IAMB	IAMB	02 06 14.0	
D41A	Chassel			IAMS_20	IAMS_20	02 36 58.2	
EY							

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like HWUT, HVU, TMUT, P17A, Q16A, etc.

CNRM 20 03:31:41.9±0.6, 36°14N, 7°96W, h10km, Error ellipse: s-maj=9.9km s-min=4.3km az=87.0

MDD 20 03:31:48.1±1.0, 36°34N, 7°94W, h20km, 9km, mbLg2.4/30, Error ellipse: s-maj=10.8km s-min=4.7km az=28.0

MDD EMS: I-II INTENSIDAD MAXIMA IGL 20 03:31:48.6±1.6, 36°25N, 7°91W, h3=9km, ML2.2, Error ellipse: s-maj=9.3km s-min=2.9km az=65.0

SFS 20 03:31:48.0, 36.42N, 7.90W, h11km, ML2.5, GOLFO DE CADIZ

ISC 20 03:31:46.3±1.5, 36°44N, 0°05'785W, 102.5, h10km, 10km, n78, e154/135, 1D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PBDV, PVAQ, PFVI, MORF, EGRO, PCVE, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PCVE, PTEO, MESJ, PBEJ, EMIN, ESPR, PNCL, PBAR, EJIF, EVO, EBO, ECAB, PMTG, PMAFR, PMRV, EADA, AVE, PSBE, PTOM, PCBR, PCAS, IFR, EPLA, MTE, MTE, SRHM, EQES, PAB, PVIS, M3D1, ESDC, M3D1, M3D1, MVO, MVO.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MVO, PVRL, GUD, OUK, OUK, ELOB, PBRG, PBRG, ETOR, ETOR.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like BUTP, BUTP, BUKP, BUKP, CGP, CGP, TBP, TBP, DDMP, DDMP.

NAM 20 03:46:50.0±0.3, 25°16'S, 129°58'E, h97km, 999km, MD3.8

PRE 20 03:46:53.1±1.1, 26°30'S, 128°10'E, h2km, ML1.9

ISC 20 03:46:52.8±1.3, 26°30'S, 128°10'E, 0.05, h10km, n9, e056/12, South Africa

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ERPM, ERPM, SLR, SLR, PRYS, PRYS, LBTB, LBTB, LBTB, LBTB, BOSA, BOSA, BOSA, BOSA.

DJA 20 03:49:37.2±0.5, 9°S, 12°11'E, h129km, 7km, M4.2/12, mb4.3/2, MLV4.1/2, Flores region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like EDFI, EDFI, WBSI, WBSI, MMRI, MMRI, PLAI, PLAI, BKSI, BKSI, SOEI, SOEI, BNSI, BNSI, SPSI, SPSI, SRBI, SRBI, TTSI, TTSI.

IDC 20 04:01:13.9±1.7, 7°09'S, 154°91'E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.7/4, mbtmp3.9/5, ML3.4/1, Error ellipse: s-maj=15.8km s-min=28.8km az=122.0

ISC 20 04:01:20.3±1.4, 7.05°S, 154.88°E, 0.2, h41km, n9, e057/7, mb3.9/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KRVT, KRVT, WRA, WRA, ASAR, ASAR, H1S3, H1S3, H1S1, H1S1, MKAR, MKAR, YKA, YKA, TORD, TORD.

IDC 20 04:13:43.2±3.3, 6°77'S, 154°88'E, h0km, mb4.6/3, mb1 3.8/4, mb1mx3.5/4, mbtmp3.7/4, ML3.0/1, Error ellipse: s-maj=51.3km s-min=32.3km az=86.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KRVT, KRVT, WRA, WRA, ASAR, ASAR, MKAR, MKAR, TORD, TORD.

IDC 20 04:17:27.9±0.4, 6°87'S, 154°77'E, h0km, mb4.8/30, mb1 4.9/31, mb1mx4.8/43, mbtmp4.8/31, ML4.7/1, MS5.1/35, Ms1 5.1/35, s-maj=15.9km s-min=12.7km az=88.0

NEIC 20 04:17:31.6z.0.6,83S:0.07:154.55E:0.07,h11km,1km, mb5.4/191,Ms.20.5,7574,Mw5.8,Mw5.8(GCMT), Error ellipse: s-maj=12.9km s-min=10.9km az=37.0
BUJ 20 04:17:32.8z.0.6,35S:154.95E,h24km,mb5.5/78, mb5.2/82,Ms5.5/84,Ms7.5/380
MOS 20 04:17:33.9z.1.6,6.78S:154.63E,h37km,mb5.3/28, MS5.3/14, Error ellipse: s-maj=10.5km s-min=7.1km az=112.3
GCMT 20 04:17:37.6z.0.1,7.00S:0.01:154.71E:0.01,h18km, Mw5.8/160, Moment Tensor Solution. s153,c291; s160,c340; Duration: 199 Moment tensor: Scale 1017 Nm; Mw:3.94z.05; Mw:2.92z.04; Mw:1.32z.04; Mw:3.31z.11; Mw:1.98z.03; Mw:2.37z.11; Best double couple: Ms5.70500:1017 NP1:306.00000; 822.00000; 1.90.00000; NP2:3126.00000; 868.00000; 1.90.00000; Principal axes: T 5.6480, Plg67.0000; Azm35.0000; N 0.1140, Plg0.0000; Azm126.0000; P -5.7620, Plg23.0000; Azm216.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function
DJA 20 04:17:37.3z.0.4,7.53z.15.5E:1.5h58km,5km,M5.3/37, mb5.2/37,mb5.7/26,MLv5.7/3,Mw(MB)5.2/26,Mwps.7/5
NEIC 20 04:17:37.700S:154.76E,h17km,Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mw:4.00z.04; Mw:2.71; Mw:1.32; Mw:3.42; Mw:2.12; Mw:1.84; Fault plane solution: Ms5.68000:1017 NP1:312.00000; 867.00000; 1.86.00000; NP2:312.00000; 824.00000; 1.100.00000; Principal axes: T 5.5917, Plg68.0000; Azm22.0000; N 0.1757, Plg4.0000; Azm122.0000; P -5.7674, Plg22.0000; Azm214.0000;
NEIC 20 04:17:40.6.76S:154.67E,h18km,Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mw:3.44; Mw:2.18; Mw:1.26; Mw:4.25; Mw:1.49; Mw:3.01; Fault plane solution: Ms6.20000:1017 NP1:312.00000; 874.00000; 1.83.00000; NP2:307.00000; 816.00000; 1.92.00000; Principal axes: T 6.4757, Plg161.0000; Azm35.0000; N -0.1588, Plg0.0000; Azm126.0000; P -6.1169, Plg29.0000; Azm216.0000;
ISC 20 04:17:34.0z.0.5,6.88S:0.04:154.72E:0.04,h32km,2km, h32km;pP-P,n773,c1979/524,mb5.2/176,MS5.7/351, 39C-30D,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Residual, ISC Name, h, m, s, ISC Residual. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, PMG Port Moresby, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual, ISC Name, h, m, s, ISC Residual. Includes stations like TNTI Ternate, WAKE Wake Island, CAN Canberra, FITZ Fitzroy Crossi, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual, ISC Name, h, m, s, ISC Residual. Includes stations like KS19 Wonju Array Si, QIZ QIZ, YUK Yuzh-Kuril'sk, etc.

20d 4h

2014 APR

1504

Table with columns for flight codes (e.g., GYA, SKR, PBKT), destinations (e.g., Severo-Kuril's, Sadoo Pong), times, and status indicators (e.g., S, SS, P, eP).

Table with columns for flight codes (e.g., LZH, TAOE, MA2), destinations (e.g., Nuku Hiva Isla, Atka Island), times, and status indicators (e.g., SS, LR, IAMS_20).

Table with columns for flight codes (e.g., BILL, MDRS, KDAK), destinations (e.g., Bilibino, Chennai, Kodiak Island), times, and status indicators (e.g., e, ePPP, PPP, SKIKP).

1505

Table with columns for station call letters, frequency, and other details. Includes stations like ILAR, COLD BARN, CTGM, ZALV, SHLS, PRP, UZB, MAW, TOLK, KPKS, FYU, TDK, KDJ, SEM, EGAK, KSH, MDO, MDO, MDO, TNS, TNS, BESE, SKAG, DAWY, ULHL, KUU, KUU, WHY, KURK, KURK, KURK, KURB, NIL, TKM2, KZA, UCH, AAK, AAK, AAK, AAK, BBB, EPYK, AML, EKS2, DLBC, BHJU, MOCM, HOPS, BTLS, BTLS, GDXM, NRIK, NRIK, WDC, HUMO, HUMO, YBH, SAO, PMPB, INK, INK, INK, INK, F04A, PAGB, GAR, KBL, KBL, KK31.

2014 APR

Table with columns for station call letters, frequency, and other details. Includes stations like KKAR, D05A, LON, K05A, RUBR, VCNR, PNTR, PNTR, OSI, TAS, MDPB, YERR, OMMB, LTY, ISA, PASC, MWVC, F07A, RYN, NVAR, NV11, NV11, HAWA, KVN, KVN, BRVK, BRVK, BRVK, WWOR, G08A, G08A, J08A, SYO, SYO, B08A, BAR, GSC, PFO, PFO, PFO, E09A, C36M, TPNV, TPNV, F10A, CRZF, NEW, NEW, R11A, R11A, GLA, SHPR, SHPR, Y12Z, ELK, ELK, W13A, W13A, Y14A, Y14A, 214A, SRIG, MSO, HRA, HRA, YKA, YKA, U15A, U15A, DLMT, DLMT, X16A, X16A, HSGI, HSGI, WUAZ, WUAZ, HWUT, HWUT, TUC, REDW, X18A, X18A, W18A, 319A, PDAR, PDAR, PDAR, RLMT, ARU, ARU, PV10, PV10, PV14.

20d 4h

Table with columns for station call letters, frequency, and other details. Includes stations like PV16, PV04, PV04, PV13, PV12, PV22, GEYT, GEYT, PV01, MVCO, PV15, O20A, SNAA, RWWY, Y22W, EPT, K22A, ANMO, ISCO, SDCO, MNTX, DGMT, ABPO, KSCO, MSTX, ZAIG, OGNE, E28A, AMTX, CBKS, SUSD, K31A, ABTX, U32A, R32A, BGNE, UNM, WMOK, APA, APA, TLI, ECSD, OKCFA, K35A, L34A, WHTX, KSU1, Z35A, T35A, N35A, ARCES, TUL1, Z37A, X37A, KBZ, KIV, KIV, Z38A, U38A, SCIA, NATX, N38A, HHAR, OBN, OBN, OBN, S39A, MIAR, WLAR, R40A, 441A, WHAR, UALR, SOC, SOC, SOC, SOC, D41A, CCM, 342A, CCR, T42A.

20d 4h

2014 APR

1506

Table with columns: Name, Value, Date, Location, and other identifiers. Includes entries like LCAR Lake Charles, FINES FINES Array B, 143A Socs Landing, etc.

Table with columns: Name, Value, Date, Location, and other identifiers. Includes entries like HODGE Hodges, BURAR Bucovina Array, BURAR Bucovina Array, etc.

Table with columns: Name, Value, Date, Location, and other identifiers. Includes entries like NRDL Niedersach Rie, ASSE Asse, Remlinge, CONA Conrad Observa, etc.

0.3nm,0.8s,baz=260,slow=4.3,SNR=5.5
TORD Torodi Ar. Bea 152.25 285 PKPbc
0.4nm,0.8s,baz=64,slow=3.4,SNR=2.5

ANF 20 05:12:17.4.0.2,35.47N:118.52W,h7km,2km,ML3.3/3/4,
Error ellipse: s-maj=1.5km s-min=1.3km az=103.0,
PAS 20 05:12:28.1.1.35.466N:0.006:118.52W:0.01,
h4km,5km,ML3.1/218, Error ellipse: s-maj=1.6km
s-min=0.5km az=123.0

CECDE 20 05:12:18.2,35.47N:118.52W,h4km,Central California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists various stations like WOFM, ISA, WHFM, etc.

Table with columns: TIN, FURC, RPV, BBRC, GRAC, FRI, GATR, SHOC, SHOC, HEC, SME, PMPB, CISV, AMDN, TUQ, MURC, MLAC, MLAC, MLAC, GMR, GMR, PFO, PFO, SAO, 109C, 109C, SHPR, CMB, NV11, IRM, MONP2, MONP2, WAKR, RYN, BAR, NEEZ, IKP, YERR, KVN, W13C, PNTR, R11A, RUBR, W13A, GLA, LCMT, CCUT, ORUV, W14A, PSUT, KNB, U15A, PKCU, WUAZ, ELK, X16A. Lists various stations and their details.

IDC 20 05:16:34.8:4.6,4.97S:-151.58E,h0km,mb3.5/2,
mb1.3/8.2,mb1mx3.3/38,mbtmp3.5/2, Error ellipse:
s-maj=204.0km s-min=55.4km az=119.0,New Britain
region

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

IDC 20 05:20:34.3:2.0,7.18S:-128.72E,h0km,mb3.7/1,
mb1.4/1.1,ms1mx2.9/35, Error ellipse: s-maj=129.9km
s-min=31.6km az=66.0,Banda Sea

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

IDC 20 05:21:37.7:2.6,6.98S:-154.70E,h0km,mb3.9/4,
mb1.4/0.4,mb1mx3.6/40,mbtmp3.9/4, Error ellipse:
s-maj=99.2km s-min=36.9km az=121.0,
Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like ASAR, MKAR, ZALV, YKA.

WEL 20 05:23:50.4:1.2,34'S:22:18'O:0.3'6,h360km,19km,
M4.3/10,mb4.6/1,ML4.3/8,MLV4.3/10,Mw(mB)3.8/1,
South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like WMGZ, HAZ, PKGZ, PUKZ, MWZ, URUZ.

Table with columns: MUGZ, BKZ, BHZ, KHZ, PKX, TSZ, BFZ. Lists stations like Mururapa, Black Stump Fm, etc.

IDC 20 05:29:41.9:2.5,60.1'11S:26.76W,h0km,mb4.0/3,
mb1.4/2.3,mb1mx3.8/19,mbtmp4.0/3, Error ellipse:
s-maj=87.0km s-min=38.2km az=155.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations like VNA1, VNA2, SNA, CPUP, LPAZ, TORD, ZALV, SONM.

IDC 20 05:33:41.0:0.7,14.61S:166.85E,h0km,mb4.3/15,
mb1.4/4.16,mb1mx4.2/37,mbtmp4.3/16,ML3.7/1,MS3.6/1,
Ms1.3/6.1,ms1mx3.1/26, Error ellipse: s-maj=27.1km
s-min=17.5km az=91.0

NEIC 20 05:33:46.4:1.4,14.61S:0.08:166.8E:0.1,h35km,1km,
mb4.7/21, Error ellipse: s-maj=24.4km s-min=13.6km

IDC 20 05:33:49.9:0.5,14.77S:0.06:166.8E:0.1,h67km,n48,
108/53,mb4.5/26, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Lists numerous stations including DZM, PFO, MJAR, JNU, VNU, USRK, PEAOB, PETK, KLR, XAN, CMAR, QSPA, SONM, BILL, SUA, RCO1, SHL, KTH, RND, MKC, HDA, IL31, ILAR, MKAR, ZALV, YKA, ARCES, FINES, NB2, NOA, GERES, BNI, KEST, KEST, ESDC, TORD, TORD, OSPL, TRN, IDC, RSPR.

20d 5h

Table with columns for station name, frequency, and other details. Includes stations like TBVI, SARA, CUPR, SMRT, MTP, HUMP, GOCR, IGPR, NWDO, NVBH, SJG, etc.

2014 APR

Table with columns for station name, frequency, and other details. Includes stations like GRTK, TOSP, PLCV, TRN, MDP, PTGA, V60A, U60A, Z56A, TIGA, US8A, Y55A, W56A, V57A, X55A, T58A, U57A, S59A, TEIG, W56A, S58A, T57A, GOGA, X54A, V55A, R58A, U55A, V54A, Y52A, R57A, S56A, BLA, Q58A, T55A, P59A, Q57A, M62A, R55A, N60A, Z50A, S54A, P56A, M59A, LRAL, APG, L60A, L61A, Q54A, M57A, N56A, O51A, H61A, M53A, WVT, OXF, G60A, G61A, J54A, O49A, J52A, H51A, H53A, D63A, N47A, SADO, G53A, G54A, K48A, W41B, D56A, X47A, K40A, K46A, NATX, D54A, D53A, H48A, U40A, W39A, D51A, etc.

1510

Table with columns for station name, frequency, and other details. Includes stations like G47A, D50A, E48A, E47A, F45A, 435B, D47A, WHTX, D46A, TUL1, JFWS, MATO, W35A, T35A, X34A, LPAZ, LPZJ, JCT, JCT, WJMO, WJMO, ABTX, KSUI, D41A, SPMN, R32A, RCBR, RCBR, SCHO, SCHO, BDFB, BDFB, BGNE, AMTX, AMTX, AMTX, MMMC, ECSD, ECSD, TXAR, TXAR, TXAR, TXAR, G001, M011, M011, HPIG, HPIG, PB01, SUSD, SUSD, MNTX, MNTX, AGMN, PB07, T25A, LVC, LVC, ULM, ULM, SDCO, SDCO, ANMO, ANMO, ISCO, ISCO, S22A, 319A, 319A, PV15, PV15, PV01, PV07, PV07, PV02, PV02, PV13, PV13, PV12, PV12, PV11, PV18, PV18, PV16, X18A, X18A, PV17, PV17, PV14, PV14, PV09, TUC, etc.

20d 7h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DZM, PMG, MVSF, CTA, etc.

2014 APR

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like USA0B, IPM, KULM, etc.

1514

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NLC Sedlovina, KDRL Koryakskii, SMAR Somma, etc.

IDC 20 08:00:02.8: 1.9, 6:90S; 154:72E, h0km, mb4.0/4, mb1.4, 1/5, mb1mx3.7/44, mbtmp3.9/19, ML3.1/3, MS3.6/4, Ms1.2, 6/1, ms1mx2.4/32, Error ellipse: s-maj=59.6km s-min=25.0km az=91.0

ISC 20 08:00:09.0: 1.5, 6:95S; 154:66E, 0.2, h39km, n9, n12/7, mb4.0/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), KRVT 9.6nm, 0.3s, baz=56, slow=1.6, SNR=2.4, etc.

IDC 20 08:00:44.2: 0.7, 31:43N; 116:11E, h0km, mb3.9/16, mb1.4, 1/19, mb1mx3.9/53, mbtmp3.9/19, ML3.1/3, MS3.6/4, Ms1.3, 6/4, ms1mx3.1/53, Error ellipse: s-maj=18.0km s-min=15.0km az=91.0

ISC 20 08:00:45.0: 4.1, 31:36N; 116:12E, h10km, mb4.5/12, mb4.4/15, ML4.2/23, Ms4.2/17, Ms7.3/15, NEIC 20 08:00:46.4: 1.3, 31:39N; 116:19E, 0.0/7, h15km, 4km, mb4.2/14, Error ellipse: s-maj=10.9km s-min=8.6km az=206.0

ISC 20 08:00:45.0: 4.1, 31:34N; 116:16E, 0.0/3, h10km, n62, 0:170/69, mb4.2/22, MS3.4/4, Southeastern China

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WHN Wuhan, WHN 1.75 244, WHN 0.1, 15.4, 0.4, WHN 0.1, 17.6, -0.1, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GYA S pmax, GYA 08 04 54.0 +1.1, GYA comp=Z, 10.0nm, 0.6s, GYA 08 00 28.9 +0.4, etc.

DJA 20 08:10:21.5: 1.2, 7:54S; 151:56E, 1.1, h96km, 8km, M5.0/18, mb4.5/18, mb5.0/3, MLV5.3/1, Mw(m)B4.3/3, ISC 20 08:10:25.0: 3.7, 7:01S; 0.05:154:89E, 0.05, h41km, n116, s1844/121, mb4.7/49, 1C-1D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, RABL 3.90 316, RABL 08 11 14.5 +1.6, KRVT Keravat (AS076), etc.

IDC 20 10:09.3: 0.6, 6:98S; 154:95E, h0km, mb4.4/16, mb1.4, 6/21, mb1mx4.4/44, mbtmp4.4/21, ML3.8/4, MS3.8/4, Ms1.3, 8/4, ms1mx3.2/36, Error ellipse: s-maj=17.5km s-min=15.8km az=128.0

NEIC 20 08:10:16.6: 1.1, 6:70S; 154:91E, 0.0/4, h55km, 5km, mb4.7/51, Error ellipse: s-maj=10.9km s-min=4.6km az=191.0

20d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SSE Sheshan, NWA0 Narrogin (SRO), and WMO Urumqi.

2014 APR

Table with columns for station name, frequency, power, and other technical details. Includes stations like MHTO MHTO, WSAR Wadi Sarin, and WMO Urumqi.

1520

Table with columns for station name, frequency, power, and other technical details. Includes stations like BBOO Buckleboob, KK31 Karatay Array, and WMO Urumqi.

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like CMFID Camas Ranch, AFMD Forest Hills D, DLMT Dillon, etc.

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like E51A G1948 Merrick, E43A Dumoine, Pont, E58A Lockeyer, etc.

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like BDFB Brasilia, TXAR Lajitas Array, V55A Taylorsville, etc.

NNC 20 08:44:02.9, 2.2, 41.42N, 83.39E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=1.2km s-min=8.9km az=143.0 SOME 20 08:44:04.2, 41.65N, 83.62E, h10km ISC 20 08:44:08.5, 2.6, 41.6N, 0.1-83.24E, 0.09, h10km, n15, @159/23, 5C-2D, Southern Xinjiang

20d 9h

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, and other parameters. Includes stations like SLBB, NNSB, HGSD, NNS, WHF, TWB1, etc.

2014 APR

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, and other parameters. Includes stations like ANP, TYC, TYC, NSTT, NTST, etc.

1526

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, and other parameters. Includes stations like MASBT, EAST, EAST, JTJ, TWTM1, etc.

Technical notes and coordinates: IDC 20 09:53:04.0, 1.3, 6.88S; 155.30E, hokkm, mb3, 7/5, mb1 3.9/6, mb1mx3.6/38, mbtrmp3.76, ML3.7/1, Error ellipse: s-maj=38.3km s-min=31.6km az=126.0, NEIC 20 09:53:09.7, 2.0, 6.5S, 0.2, 154.9E, 0.1, h35km, 2km, mb4, 0/5, Error ellipse: s-maj=29.0km s-min=18.1km az=204.0, ISC 20 09:53:12.4, 0.9, 6.8S, 0.2, 155.0E, 0.1, h56km, n19, 1933/14, mb3.8/8, Bougainville-Solomon Islands region

20d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

IDC 20 12:14:31.9i.0.5,6.49S;154.74E,h0km,mb4.4/16, mb1.4,6/19,mb1mx4.2/54,mbtmp4.5/19,ML3.1/2,MS3.6/13, MS1.3,6/13,ms1mx2.4/44,Error ellipse: s-maj=18.9km s-min=14.7km az=92.0

DJA 20 12:14:39.1i.0.6,7.3S;15.5E,h43km,5km,MS0.3/39, mb4.8/39,mb5.4/6,MLV5.3/2,Mv(m)B4.8/6,MWp6.2/1 NEIC 20 12:14:39.6i.2.1,6.55S;0.05E;154.73E;0.07,5h5km,6km, mb4.7/42,Error ellipse: s-maj=11.7km s-min=5.2km az=55.0

ISC 20 12:14:39.2i.0.4,6.58S;0.05E;154.70E;0.06,h48km,n105, 1527/102,mb4.7/53,MS3.6/11,Bougainville-Solomon Islands region

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

2014 APR

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EDFI Ende, MRSI Marisa, BAKSI Bulukumba, etc.

IDC 20 12:23:19.9i.2.4,17.21N;101.27W,h0km,mb3.9/5, mb1.4,1/7,mb1mx3.7/39,mbtmp3.7/7,ML3.2/2,MS3.3/1, Ms1.3,3/1,ms1mx2.0/40,Error ellipse: s-maj=49.5km s-min=22.9km az=24.0

1530

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZIIG Zihuatanejo, La Union, El Cayaco, etc.

IDC 20 12:23:55.8i.1,6.43S;155.25E,h0km,mb3.9/9, mb1.4,1/10,mb1mx3.9/37,mbtmp3.9/10,ML3.5/1,Error ellipse: s-maj=39.6km s-min=22.6km az=125.0 NEIC 20 12:24:01.2i.1,3.65S;0.1E;155.3E;0.2,h35km,2km, mb4.2/11,Error ellipse: s-maj=26.9km s-min=15.4km az=68.0

ISC 20 12:24:01.4i.0.7,6.55S;0.1E;155.2E;0.1,h35km,n22, 0592/23,mb4.1/16,Bougainville-Solomon Islands region

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

DDA 20 12:28:16.9i,37.69N;36.20E,h13km,1km,MW3.6 ISK 20 12:28:16.5i,37.73N;36.19E,h5km,ML3.4/9 ISC 20 12:28:17.4i.0.9,37.68N;0.02E;36.21E;0.01,h12km,7km, n65,i128/93,Turkey

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KAR, GZT, BNN, GUN, DED, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TA02, PSGC, TA01, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CVM, ACIG, AMVM, etc.

GUC 20 12:33:55.0±0.6, 1978S, 70.92W, h34km, 2km, ML2.7, 3D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like PSGC, TA02, TA01, etc.

ISC 20 12:36:15.1±1.3, 6.23S, 155.44E, h0km, mb4.1/8, Ms1 2.9/1, ms1mx2.5/43, Error ellipse: s-maj=39.0km, s-min=24.7km az=109.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like ZIIG, ZUON, ZUON, etc.

ISC 20 12:36:21.7±0.8, 6.15S, 0.08E, 155.28E, 0.10, h35km, n30, +134/31, mb0.4/15, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like WMOK, AMTX, AMTX, etc.

GUC 20 12:34:18.8±0.7, 1989S, 71.04W, h34km, 2km, ML3.1, 1C-3D, Off coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TA02, etc.

ISC 20 12:40:30.4±0.6, 17.51S, 101.17W, h0km, mb4.6/23, mb1 4.6/24, mb1mx4.4/49, mbtmp4.5/24, ML4.0/1, MS4.0/19, Ms1 2.9/1, ms1mx3.8/34, Error ellipse: s-maj=24.8km, s-min=13.0km az=58.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like ZIIG, ZUON, ZUON, etc.

MEX 20 12:40:36.2±1.4, 17.50N, 101.38W, h16km, 4km, MD4.8, ISC 20 12:40:32.4±1.0, 17.55N, 103.10W, h10km, 6km, n552, 1547/432, mb4.9/135, MS4.1/21, 4C, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like WMOK, AMTX, AMTX, etc.

20d 12h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like X16A, X43A, W41B, WH1R, Z47A, etc.

2014 APR

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like GOGA, GSC, ISCO, SHPR, W50A, etc.

1532

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like L40A, U55A, Q50A, T54A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like DLMT Dillon, LAO LASA Array, M52A Chesterland, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like D57A Chemin Vers le, FFC FFC, MATO Matagami, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like YAK Yakutsk, GERES GERESS Array B, NRIK Norik, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes header JMA 20 12:41:35.0, 3.37, 15N x 144.56E, h37km, M3.5, Off east.

NEIC 20 12:41:52.8±1.4, 28°27'S±0.06°, 67°48'W±0.09°, h113km±5km, mb4.6/88, Md4.3(SJA), Error ellipse: s-maj=11.3km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes header VAO 20 12:41:53.4±1.5, 28°33'S±0.07°, 67°50'W±0.12km±9km, mb4.5.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Tuncel-Merkez, Erzurum-spir, Karliova-Bingo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Zihuatanejo, El Cayaco, Acapulco, etc.

ISC 20 13:23:38.7-2.3, 7.15S-154.60E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.5/4.2, mbtmp3.6/4, ML3.5/1, Error ellipse: s-maj=54.7km s-min=32.4km az=116.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Keravat, Warramunga Arr, Alice Springs, etc.

ISC 20 13:28:42.3-0.0, 6.60S, 154.79E, h41km, mB5.2/42, mb5.0/61, Ms4.9/35, Ms7.4/6/33

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Rabaul, Keravat, Honiara, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Manton Dam, WAKE ISLAND HY, etc.

ISC 20 13:08:28.8-5.4, 16.30N:101.20W, h0km, mb3.8/5, mb1 4.0/7, mb1mx3.7/4.0, mbtmp3.7/7, ML2.8/2, MS3.4/2, Ms1 3.4/2, ms1mx2.8/3.9, Error ellipse: s-maj=109.0km s-min=38.3km az=19.0 MEX 20 13:08:41.9-1.4, 17.48N:101.17W, h20km, 17km, MD4.1

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	h	m	s	ISC	Time	Res
WRA	Warramunga Arr	23.27	232	Op	P	P	13	41	53.9	+1.0		
ASAR	Alice Springs	25.82	225	P	P	P	13	42	15.8	-0.9		
YKA	Yellowknife Arr	96.10	28	P	P	P	13	40	12.7	0.0		

NEIC 20 13:36:49.8±1.6, 58°30'N, 0°05'154.86W, 0.06, h107km, 6km, Error ellipse: s-maj=7.6km s-min=3.7km az=151.0
 IDC 20 13:36:51.8±4.6, 58°55'N, 154°52'W, h94km, 17km, mb3.1/2, mb1 3.4/5, mb1mx3.0/48, mbtmp3.3/5, Error ellipse: s-maj=60.1km s-min=17.0km az=82.0
 AEIC 20 13:36:51.0±2.0, 58°28'N, 0°05'154.88W, 0.10, h104km, 5km, ML3.2/84, Error ellipse: s-maj=8.9km s-min=6.3km az=143.0
 ISC 20 13:36:50.6±1.0, 58°40'N, 0°05'154.85W, 0.06, h109km, 7km, n94, a1917/101, Alaska Peninsula

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	h	m	s	ISC	Time	Res
KARR	Katmai Rainbow	0.13	36	Op	Pn	Pn	13	37	05.3	-0.4		
KARR	Katmai Rainbow	0.13	36	Op	Pn	Pn	13	37	16.9	-0.2		
KGC	Knife Ck. Glac	0.17	238	Op	Pn	Pn	13	37	05.1	-0.7		
KAGH	Katmai Hoop	0.19	58	Op	Pn	Pn	13	37	05.6	-0.3		
KAHC	Katmai Hardscr	0.27	342	Op	Pn	Pn	13	37	05.7	-0.6		
KAHC	Katmai Hardscr	0.27	342	Op	Pn	Pn	13	37	17.4	-0.5		
KANC	Angle Creek	0.40	240	Op	Pn	Pn	13	37	05.8	-0.9		
CAHL	Cahill	0.42	215	Op	Pn	Pn	13	37	05.6	-1.3		
KELA	Mount Kelaz	0.47	276	Op	Pn	Pn	13	37	06.2	-1.1		
AUH	Redoubt West	1.05	229	Op	Pn	Pn	13	37	06.1	-0.8		
PLK2	Peulik 2	1.52	232	Op	Pn	Pn	13	37	15.5	-1.2		
PLK3	Peulik 3	1.04	227	Op	Pn	Pn	13	37	10.6	-1.5		
PLK3	Peulik 3	1.04	227	Op	Pn	Pn	13	37	25.9	-2.4		
PLK1	Peulik 1	1.11	238	Op	Pn	Pn	13	37	11.5	-1.3		
PLK5	Peulik 5	1.15	251	Op	Pn	Pn	13	37	12.2	-1.0		
AUGW	Augustine West	1.21	361	Op	Pn	Pn	13	37	14.7	+0.8		
AUH	Augustine H	1.22	36	Op	Pn	Pn	13	37	14.9	+0.9		
KDAD	Kodiak Island	1.35	116	Op	Pn	Pn	13	37	14.6	-0.8		
KDAD	Kodiak Island	1.35	116	Op	Pn	Pn	13	37	32.5	-1.8		
OHAK	Old Harbor	1.42	244	Op	Pn	Pn	13	37	15.2	-1.4		
OHAK	Old Harbor	1.42	244	Op	Pn	Pn	13	37	33.6	-2.7		
ILS	Iliamna Low So	1.81	30	Op	Pn	Pn	13	37	22.5	+1.3		
ILW	Iliamna West	1.89	27	Op	Pn	Pn	13	37	22.7	+0.5		
HOM	Home	2.08	51	Op	Pn	Pn	13	37	21.2	+1.2		
CNPM	China Post	2.19	57	Op	Pn	Pn	13	37	25.5	+0.7		
CNPM	China Post	2.19	57	Op	Pn	Pn	13	37	52.9	0.0		
RED	Redoubt Volcan	2.29	27	Op	Pn	Pn	13	37	28.0	+0.7		
RSO	Redoubt South	2.33	26	Op	Pn	Pn	13	37	28.6	+0.7		
RDWB	Redoubt West	2.34	25	Op	Pn	Pn	13	37	28.6	+0.7		
RDJH	Redoubt Jeurge	2.44	24	Op	Pn	Pn	13	37	30.1	+0.9		
BRLK	Bradley Lake	2.46	54	Op	Pn	Pn	13	37	29.1	-0.3		
DFR	Drift River	2.46	26	Op	Pn	Pn	13	37	30.5	+1.0		
BRSE	Bradley Lake S	2.51	56	Op	Pn	Pn	13	37	29.9	-0.2		
CHGN	Chignik	2.58	224	Op	Pn	Pn	13	37	32.7	-1.8		
SPWE	Spurr West	3.11	21	Op	Pn	Pn	13	37	39.2	+1.2		
SPBC	Spurr Blockage	3.13	22	Op	Pn	Pn	13	37	30.1	+1.2		
SLKM	Skliak Lake	3.17	46	Op	Pn	Pn	13	37	38.8	+0.1		
SEW	Seward	3.26	56	Op	Pn	Pn	13	37	40.3	+0.5		
STLK	Strandline Lake	3.46	25	Op	Pn	Pn	13	37	43.7	+1.0		
SUA	Susitna One	3.71	32	Op	Pn	Pn	13	37	46.1	+0.2		
RC01	Rabbit Creek A	4.44	24	Op	Pn	Pn	13	37	46.3	+1.1		
SKT	Skwentna	3.96	23	Op	Pn	Pn	13	37	49.9	+0.6		
PWL	Port Wells	4.13	50	Op	Pn	Pn	13	37	51.1	-0.4		
PMR	Palmer	4.30	39	Op	Pn	Pn	13	37	53.2	-0.6		
KNK	Knik Glacier	4.42	44	Op	Pn	Pn	13	37	54.7	-0.7		
GHO	Glory Hole Cre	4.50	39	Op	Pn	Pn	13	37	55.6	-1.0		
TT01	Tatalina	4.56	353	Op	Pn	Pn	13	37	57.9	+0.6		
TTA	Tatalina	4.59	353	Op	Pn	Pn	13	37	58.1	+0.4		
GLI	Glacier Island	4.66	54	Op	Pn	Pn	13	37	57.6	-1.0		
PLLA	Purkeypile	4.70	15	Op	Pn	Pn	13	38	00.9	+1.6		
HIN	Hinchinbrook I	4.71	61	Op	Pn	Pn	13	37	59.6	+0.2		
SML	Sawmill	4.72	41	Op	Pn	Pn	13	37	58.9	-0.7		
TRF	Fort Fidalgo	4.82	24	Op	Pn	Pn	13	38	00.9	+0.6		
SCM	Sheep Creek Mo	5.10	44	Op	Pn	Pn	13	38	04.1	-0.6		
EYAK	Cordova Ski Ar	5.12	61	Op	Pn	Pn	13	38	04.5	-0.3		
WAT1	Susitna Watana	5.42	32	Op	Pn	Pn	13	38	08.1	-0.8		
WAT2	Susitna Watana	5.47	37	Op	Pn	Pn	13	38	08.9	-0.9		
KTH	Kamitche Hill	5.52	19	Op	Pn	Pn	13	38	10.3	0.0		
WAT3	Susitna Watana	5.52	31	Op	Pn	Pn	13	38	09.5	-0.9		
TRF	Thorofore Moun	5.54	22	Op	Pn	Pn	13	38	10.2	-0.4		
RAGM	Ragged Mountai	5.57	65	Op	Pn	Pn	13	38	11.0	0.0		
GOAT	Goat Mountain	5.60	63	Op	Pn	Pn	13	38	11.5	+0.1		
HMT	Hamilton	5.75	56	Op	Pn	Pn	13	38	13.8	+0.3		
RND	Reindeer	5.82	61	Op	Pn	Pn	13	38	16.3	+1.0		
BPAW	Bear Paw Mtn.	6.02	16	Op	Pn	Pn	13	38	16.9	-0.1		
MCK	McKinley	6.07	26	Op	Pn	Pn	13	38	17.4	-0.3		
GLB	Galihina Butte	6.33	57	Op	Pn	Pn	13	38	21.1	-0.3		
CRQM	Cirque	6.40	63	Op	Pn	Pn	13	38	22.5	+0.2		
VRDI	Verde Repeater	6.41	59	Op	Pn	Pn	13	38	22.4	-0.1		
WALX	Waxell Ridge	6.65	66	Op	Pn	Pn	13	38	23.6	+0.5		
TGL	Tana Glacier	6.55	64	Op	Pn	Pn	13	38	24.3	0.0		
MCARA	McCarthy VSAT	6.66	58	Op	Pn	Pn	13	38	25.8	+0.1		
NEA	Nenana	6.79	22	Op	Pn	Pn	13	38	26.1	-1.3		
MESA	MESA	6.84	69	Op	Pn	Pn	13	38	29.1	+0.7		
PTPK	Patty Peak	7.02	61	Op	Pn	Pn	13	38	30.9	+1.0		
BALM	Baldy	6.85	62	Op	Pn	Pn	13	38	28.6	+0.2		
WRH	Wood River Hill	6.90	25	Op	Pn	Pn	13	38	27.4	-1.5		
MLY	Manley	6.94	15	Op	Pn	Pn	13	38	28.8	-0.7		
GRNC	Granite Creek	7.05	65	Op	Pn	Pn	13	38	31.7	+0.5		
MENT	Mentasta	7.11	45	Op	Pn	Pn	13	38	32.5	+0.6		
COB	Clear Creek Bu	7.12	25	Op	Pn	Pn	13	38	30.9	+1.3		
HDA	Harding Lake	7.12	29	Op	Pn	Pn	13	38	30.7	-1.2		
BARN	Barnard Glacier	7.18	63	Op	Pn	Pn	13	38	34.4	+0.4		
COLA	College	7.30	24	Op	Pn	Pn	13	38	33.2	-1.1		
CTGM	Chitina Glacie	7.31	64	Op	Pn	Pn	13	38	35.2	+0.6		
ILAR	Ilkai	7.43	27	Op	Pn	Pn	13	38	34.5	-1.6		
ILAR	Eielson Array	7.43	27	Op	Pn	Pn	13	38	34.4	-1.6		
ILAR	Eielson Array	1.0nm, 0.3s, baz=213, slow=14, SNR=55										
ILAR	Eielson Array	0.5nm, 0.3s, baz=319, slow=13, SNR=7.3										
IM03	Imbil	7.63	3	Op	Pn	Pn	13	38	39.4	+0.6		
BC03	Bear Creek	7.92	48	Op	Pn	Pn	13	38	43.5	+0.7		
YUKA	Talbot Arm	8.66	63	Op	Pn	Pn	13	38	55.2	+2.1		
YUK5	Granite Creek	8.99	65	Op	Pn	Pn	13	38	56.2	-1.3		
HYT	Haines Junctio	9.12	67	Op	Pn	Pn	13	38	59.8	+0.7		
EGAK	Eagle	9.12	40	Op	Pn	Pn	13	38	57.6	-1.4		
FYU	Fort Yukon	9.31	24	Op	Pn	Pn	13	39	00.2	-1.4		
DAWY	Dawson	9.36	46	Op	Pn	Pn	13	39	00.1	-2.2		
BM03	Burnt Mountain	10.17	23	Op	Pn	Pn	13	39	10.8	-2.5		
INK	Inuvik	13.70	35	Op	Pn	Pn	13	40	00.4	+0.6		
YKA	Yellowknife Arr	20.02	61	Op	P	P	13	41	15.1	+0.7		
PDAR	Pinedale Array	32.01	99	Op	P	P	13	43	08.1	+1.5		
TXAR	Lajitas Array	45.36	107	Op	P	P	13	44	58.9	+1.0		
TXAR	Lajitas Array	0.1nm, 0.3s, baz=306, slow=6.8, SNR=4.5										

IDC 20 13:46:50.1±2.8, 7°04'S, 155°16'E, h0km, mb4.1/4, mb1 4.3/6, mb1mx3.9/40, mbtmp4.1/6, ML2.5/2, Error ellipse: s-maj=57.0km s-min=32.4km az=99.0
 NEIC 20 13:46:58.8±1.6, 7°28'S, 0°05'154.9E, 0.1, h35km, 2km, mb4.6/10, Error ellipse: s-maj=23.9km s-min=7.4km az=100.0
 ISC 20 13:46:57.9±1.8, 7°15'S, 0°05'154.9E, 0.2, h41km, n19, a1548/18, mb4.5/9, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	h	m	s	ISC	Time	Res
RABL	Rabaul (AS076)	4.00	316	Op	Pn	Pn	13	47	00.0	+3.2		
KRVT	Keravat (AS076)	4.02	314	Op	Pn	Pn	13	47	55.1	-1.8		
PMG	Port Moresby	8.02	253	Op	Pn	Pn	13	48	51.9	0.0		
CTA	Charters Tower	15.40	212	Op	Pn	Pn	13	50	34.5	+2.0		
ARMA	Armada	23.39	187	Op	Pn	Pn	13	52	04.6	+1.3		
ARMA	Armada	23.39	187	Op	Pn	Pn	13	53	03.3			
WR0	Warramunga Arr	23.54	235	Op	P	P	13	52	05.2	+0.5		
WB0	Warramunga Arr	23.57	236	Op	P	P	13	52	05.4	+0.5		
WRAB	Tennant Creek	23.68	235	Op	P	P	13	52	06.3	+0.3		

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	h	m	s	ISC	Time	Res
WRAB	Warramunga Arr	23.68	235	Op	P	P	13	52	06.3	+0.3		
WB2	Warramunga Arr	23.70	235	Op	P	P	13	52				

1539

Table with columns for call sign, name, frequency, and other details. Includes stations like Kingsbay, Spitsbergen Ar, and Kingsbay.

2014 APR

Table with columns for call sign, name, frequency, and other details. Includes stations like Lovozero, Earthquake Lak, and Lovozero.

20d 13h

Table with columns for call sign, name, frequency, and other details. Includes stations like Chumysh, Karagaybulak, and Chumysh.

20d 13h

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like PV11, PV18, PV07, PV12, etc.

20d APR

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like LUWI, MFSI, AAI, PMG, etc.

1540

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like TX31, TX32, TXAR, E56A, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes entries for Springfield, Paris, Waverly, Soroca, Sochi, Milan, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes entries for Signal Mountain, Wernitzgruen, Novy Kostel, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes entries for Reutte, Wattenberg, Malatya, etc.

Table with columns: YMP, RDMU, FLYWY, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mirror Lake Pl, Red Mountain, Flagg Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Keravat (AS076), HNR Honiara, PMG Port Moresby, etc.

Table with columns: KST, DGS, DGS, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 14nm,0.7s, Degeres, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WWOR Wild Horse Val, MOD Modoc Plateau, etc.

20d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WCNR Virginia City, HUMO Hull Mountain, M02C Callahan, etc.

IDC 20 14:49:39.42.3, 11:61S; 161.89E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.6/23, mbmt3.6/5, ML3.5/1, MS4.9/2, Ms1 2.9/2, ms1mx2.7/25, Error ellipse: s-maj=58.1km s-min=32.8km az=124.0

NEIC 20 14:49:41.0.1.3, 11:65S; 0.1x161.9E; 0.1, h10km, 2km, mb4.6/5, Error ellipse: s-maj=22.9km s-min=16.0km az=199.0

ISC 20 14:49:45.6.1.2, 11:55S; 0.1x161.7E; 0.2, h35km, n11, #0567/11, mb3.6/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR 27nm, DZM Mont Dzumac, PATS Pohnpai, etc.

IDC 20 15:00:38.9.1.5, 11:67S; 161.90E, h0km, mb3.9/5, mb1 4.1/7, mb1mx3.8/28, mbmt3.9/7, ML3.7/2, MS3.4/8, Ms1 3.4/8, ms1mx3.2/37, Error ellipse: s-maj=34.9km s-min=26.1km az=77.0

NEIC 20 15:00:43.0.0.6, 11:63S; 0.09x162.0E; 0.1, h30km, 8km, mb4.6/5, Error ellipse: s-maj=21.8km s-min=14.0km az=55.0

ISC 20 15:00:44.3.0.8, 11:65S; 0.1x162.0E; 0.1, h39km, n20, #0597/14, mb3.9/8, MS3.3/7, 1D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR 16nm, DZM Mont Dzumac, KNTN Kanton, etc.

IDC 20 15:05:19.0.7.8, 1:39N; 90.25W, h0km, mb3.3/3, mb1 3.8/3, mb1mx3.4/29, mbmt3.3/3, Error ellipse: s-maj=812.3km s-min=151.1km az=65.0, Galapagos Islands region

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

MAN 20 15:13:15.5, 11:18N; 124.65E, h32km, mb3.7, ML2.4, MS1.9, Leyte

2014 APR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OCLP Ormoc, MSLP Maasin, CNOP Candoni, Negro, etc.

IDC 20 15:14:40.3.3.4, 6:72S; 154.75E, h0km, mb3.3/3, mb1 3.5/4, mb1mx3.3/26, mbmt3.4/4, ML3.5/1, Error ellipse: s-maj=64.5km s-min=32.6km az=84.0, Bougainville-Solomon Islands region

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

ATH 20 15:16:48.3, 38:25N; 20:38E, h15km, 1km, ML2.5/1, Error ellipse: s-maj=2.1km s-min=1.0km az=240.0

THE 20 15:16:48.6, 38:25N; 20:42E, h13km, 1km, ML2.3/6, Error ellipse: s-maj=1.3km s-min=0.4km az=241.0

ISC 20 15:16:48.1.1.7, 38:24N; 0:04x20:40E; 0:06, h16km, gkm, n19, #0515/37, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AGT1 Agia Thekli, KEF4 Livadi, LXRFA Lixouri, KEF3 Kipouria, CHV1 Chavriata, KEF1 Kardakata, KEF1 Kargostoli, ARG2 Argostoli, ARG2 Argostoli, KEF2 Argostoli, VLS Valsamata, VLS Valsamata, VLS Valsamata, VLS Valsamata, KONA Konidatara, FSK Fiskardo, FSK Fiskardo, KFL Anninata, KFL Anninata, EVGI Lefkada Island, EVGI Lefkada Island, EVGI Lefkada Island, MGNA Meganis, MGNA Meganis, etc.

IDC 20 15:23:32.1.1.4, 2:19N; 126:35E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/37, mbmt3.6/5, ML3.4/1, MS4.2/1, Ms1 4.2/1, ms1mx2.6/28, Error ellipse: s-maj=62.7km s-min=22.2km az=63.0

NEIC 20 15:23:39.8.1.1, 2:12N; 0:09x126:64E; 0:10, h68km, 9km, mb4.2/8, Error ellipse: s-maj=15.9km s-min=10.4km az=54.0

ISC 20 15:23:38.1.1.3, 2:22N; 0:12x126:5E; 0:2, h47km, n16, #0570/12, mb3.7/4, Northern Malouca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TNTI Ternate, LUWI Lemauk, SIJI Sorong, MTN Manton Dam, MTN Manton Dam, KNRA Kununurra, UGM Wanaagama, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, LEM Lemauk, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WR0 Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, MAKZ Makanchi, etc.

SOME 20 15:32:04.7, 41:62N; 72:63E, h10km KRNET 20 15:32:05.3.0.1, 41:63N; 72:64E, h14km, mb3.0, NNC 20 15:32:07.6.1.1, 41:71N; 72:62E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=11.1km s-min=4.7km az=172.0

KNET 20 15:32:07.1.0.8, 41:71N; 72:76E, h0km, ml2.5, Error ellipse: s-maj=6.1km s-min=4.2km az=132.0

ISC 20 15:32:05.7.1.2, 41:66N; 0:03x72:69E; 0:02, h1km, 10km, n52, #1544/88, 36C-14D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARSB Arslanbob, ARSB Arkit, ARK Arkit, AML Almayashu, AML Almayashu, AML Almayashu, MRKS Merke, MRKS Merke, MRKS Merke, etc.

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Table with columns: MRKS, Station Name, Az, Phase ID, Time, Res. Includes stations like ARLS 40nm, ARLS 40nm, EKS2 Erkin-Say, EKS2 Erkin-Say, EKS2 Erkin-Say, UCH Uchtor, UCH Uchtor, UCH Uchtor, DZA Taraz, DZA Taraz, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, FRU1 Bishkek, FRU1 Bishkek, KBK Karagaybulak, KBK Karagaybulak, KZA Kyzart, KZA Kyzart, KZA Kyzart, CHMS Chumysh, CHMS Chumysh, CHMS Chumysh, IUG Iuzhnay, IUG Iuzhnay, IUG Iuzhnay, IUG Iuzhnay, USP Oshpenovka, USP Oshpenovka, USP Oshpenovka, USP Oshpenovka, BTK Batken, BTK Batken, KK31 Karatay Array, KK31 Karatay Array, SGDS Sogindy, SGDS Sogindy, TKM2 Tokmak 2, TKM2 Tokmak 2, BRLS Borolday, BRLS Borolday, BRLS Borolday, BOOM Boomsokoy usch, BOOM Boomsokoy usch, DGS Degeres, DGS Degeres, DGS Degeres, DGS Degeres, KST Kastek, KST Kastek, KST Kastek, KST Kastek, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, KDJ Kajjay, KDJ Kajjay, KUU Kurty, KUU Kurty, KUU Kurty, KUU Kurty, BTLS Baital, BTLS Baital, BTLS Baital, BTLS Baital, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KTBS, KOTS, ANVS, etc.

UTC 20 15:35:39.8, 0.38, 64N; 118:51'W, h0km, mb3.2/2, mb1 3.5/5, mb1mx3.3/46, mbtmp3.2/5, ML3.6/2, Error ellipse: s-maj=8.7km s-min=5.0km az=72.0

REN 20 15:35:40.9, 1.1, 38:57N; 02:118:45W; 0.05, h0km, 6km, ML3.1/2, Error ellipse: s-maj=6.2km s-min=2.0km az=69.0

NEIC 20 15:35:40.5, 0.9, 38:56N; 04:118:45W; 0.05, h0km, 5km, Error ellipse: s-maj=6.4km s-min=4.5km az=147.0

ISC 20 15:35:40.6, 1.0, 38:57N; 03:118:45W; 0.03, h0km, 7km, 147:08/6150, California-Nevada border region

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

UTC 20 15:42:16.7, 1.9, 14:15N; 145:76E, h76km, 16km, mb3.4/10, mb1 3.6/10, mb1mx3.3/44, mbtmp3.7/10, Error ellipse: s-maj=30.4km s-min=17.1km az=98.0

NEIC 20 15:42:17.4, 1.5, 14:19N; 01:145:7E; 0.1, h87km, 9km, mb4.6/9, Error ellipse: s-maj=18.9km s-min=13.6km az=150.0

ISC 20 15:42:18.6, 0.7, 14:09N; 01:145:6E; 0.1, h100km, n28, c1514/23, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GUMO, PATS, SIJI, etc.

NEIC 20 15:55:34.5, 1.4, 11:95N; 09:142:50E; 0.09, h46km, 5km, mb5.0/61, Error ellipse: s-maj=15.6km s-min=10.6km az=132.0

UTC 20 15:55:35.7, 2.4, 12:02N; 142:55E, h57km, 22km, mb3.8/17, mb1 4.0/17, mb1mx3.8/44, mbtmp4.1/17, ML4.6/1, MS3.1/6, Ms1 3.1/6, ms1mx2.9/37, Error ellipse: s-maj=18.4km s-min=14.4km az=117.0

ISC 20 15:55:34.1, 0.5, 11:95N; 0:08:142:48E; 0.08, h42km, n87, c082/84, mb4.8/47, MS3.0/5, 1C, South of Mariana Islands

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

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

UTC 20 15:58:07.6, 0.9, 7:35S; 154:61E, h0km, mb4.2/13, mb1 4.4/14, mb1mx4.2/10, mbtmp4.2/14, ML4.4/1, MS3.3/4, Ms1 3.3/4, ms1mx2.8/33, Error ellipse: s-maj=27.8km s-min=18.6km az=130.0

NEIC 20 15:58:12.6, 1.2, 7:45S; 0:1:154:5E; 0.1, h31km, 6km, mb4.5/10, Error ellipse: s-maj=19.3km s-min=14.0km az=134.0

ISC 20 15:58:14.3, 0.7, 7:19S; 0:07:154:40E; 0.09, h39km, n37, c192/33, mb4.4/22, Bougainville-Solomon Islands

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

2016 16h

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LHMI, GSI, PSI, RPSI, KULIM, etc.

ADC 20 16:09:05.8.0.9, 31.29N, 110.61E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.6/56, mbtmp3.9/9, ML4.0/1, Error ellipse: s-maj=46.4km s-min=17.4km az=62.0

NEIC 20 16:09:06.7.1.4, 30.96N, 106.11E, h0.2, h15km, mb4.1/6, Error ellipse: s-maj=21.5km s-min=6.7km az=104.0

ISC 20 16:09:06.5.0.9, 31.02N, 110.40E, 0.1, h10km, n17, s125/17, mb4.0/12, Southeastern China

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ENH, XAN, CM31, etc.

ADC 20 16:14:10.9.1.7, 7.27S, 154.42E, h0km, mb3.7/7, mb1 3.9/8, mb1mx3.6/40, mbtmp3.7/8, ML3.9/1, Error ellipse: s-maj=42.5km s-min=25.6km az=107.0

NEIC 20 16:14:10.4.0.7, 7.35S, 154.42E, 0.1, h2km, km, mb4.5/3, Error ellipse: s-maj=27.1km s-min=7.5km az=219.0

ISC 20 16:14:14.8.0.9, 7.35S, 154.42E, 0.1, h27km, n13, s071/14, mb3.9/10, Bougainville-Solomon Islands region

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

ADC 20 16:17:03.6.1.6, 6.92S, 154.63E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/41, mbtmp3.6/5, ML3.2/1, Error ellipse: s-maj=40.8km s-min=29.5km az=108.0

ISC 20 16:17:09.2.1.4, 6.95S, 154.63E, 0.2, h39km, n6, s097/7, mb3.5/4, Bougainville-Solomon Islands region

2016 APR

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

ADC 20 16:21:16.5.1.1, 7.37S, 155.34E, h0km, mb4.4/11, mb1 4.5/13, mb1mx4.2/36, mbtmp4.3/13, ML2.7/2, MS3.6/6, MS1 3.7/6, ms1mx3.2/30, Error ellipse: s-maj=36.6km s-min=17.9km az=115

NEIC 20 16:21:23.0.6.1, 7.22S, 155.09E, 0.05, h4km, km, mb4.8/27, Error ellipse: s-maj=12.2km s-min=6.3km az=73.0

ISC 20 16:21:23.0.6.1, 7.22S, 155.12E, 0.09, h41km, n55, s078/48, mb3.0/6, MS4.0/4, 2D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL, KRVT, HNR, etc.

ADC 20 16:21:20.0.1.1, 1.15N, 178.20E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.6/56, mbtmp3.9/9, ML4.0/1, Error ellipse: s-maj=46.4km s-min=17.4km az=62.0

NEIC 20 16:21:20.0.1.1, 1.15N, 178.20E, 0.05, h4km, km, mb4.8/27, Error ellipse: s-maj=12.2km s-min=6.3km az=73.0

ISC 20 16:21:20.0.1.1, 1.15N, 178.20E, 0.05, h41km, n55, s078/48, mb3.0/6, MS4.0/4, 2D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FORT, BNSI, TBP, etc.

ADC 20 16:21:20.0.1.1, 1.15N, 178.20E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.6/56, mbtmp3.9/9, ML4.0/1, Error ellipse: s-maj=46.4km s-min=17.4km az=62.0

NEIC 20 16:21:20.0.1.1, 1.15N, 178.20E, 0.05, h4km, km, mb4.8/27, Error ellipse: s-maj=12.2km s-min=6.3km az=73.0

ISC 20 16:21:20.0.1.1, 1.15N, 178.20E, 0.05, h41km, n55, s078/48, mb3.0/6, MS4.0/4, 2D, Bougainville-Solomon Islands region

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

ADC 20 16:25:19.7.1.2, 32.95N, 107.137E, 58E, 0.09, h353km, 6km, mb4.3/85, Error ellipse: s-maj=11.5km s-min=10.2km az=137.0

ISC 20 16:25:19.9.0.6, 32.93N, 137.61E, h356km, 5km, mb3.4/20, mb1 3.6/26, mb1mx3.5/42, mbtmp4.1/26, Error ellipse: s-maj=10.9km s-min=10.1km az=77.0

ISC 20 16:25:20.0.0.6, 33.03N, 106.137E, 65E, 0.05, h357km, 5km, n178, s089/185, mb4.1/63, 2D, Near south coast of eastern Honshu

1546

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHH, JHH, JHU, etc.

KKK	Kakani	45.09 278	eP	P	16 33 01.8	-0.5
GKN	Gorkha	45.55 278	eP	P	16 33 05.3	-0.5
NRK	Noril'sk	45.70 338	P	P	16 33 06.9	+0.8
KURK	Kurchatov	46.09 311	I Amb	I Amb	16 33 09.1	-0.3
DANN	Dangsing	46.16 279	eP	P	16 33 11.1	+0.4
KOLN	Koldanda	46.49 278	eP	P	16 33 13.0	-0.2
ANM	Nome	46.60 30	P	P	16 33 14.7	+1.5
PYUN	Pluthan	46.89 279	eP	P	16 33 16.4	+0.2
LHMI	Lhok Sumawe	46.90 243	P	P	16 33 15.7	-0.4
RPSI	Rantau Prapat	47.16 238	P	P	16 33 17.1	-1.0
KDJ	Kajiasy	47.89 299	P	P	16 33 23.4	-0.2
GSI	Gunungsitoli	49.09 238	P	P	16 33 32.3	-0.4
KNRA	Kunururra	49.17 191	I Amb	I Amb	16 33 33.3	+0.1
KSH	Kashi	49.30 296	eP	P	16 33 36.3	+2.1
AAK	Ala-Archa	49.76 300	P	P	16 33 37.8	+0.2
BRVK	Borovoye	51.12 314	P	P	16 33 47.4	+0.1
RSO	Redoubt South	51.95 36	P	P	16 33 54.6	+1.1
FITZ	Fitzroy Crossi	52.12 195	I Amb	I Amb	16 33 55.0	0.0
KDAK	Kodiak Island	52.14 40	P	P	16 33 55.1	+0.5
PLLA	Purkeypile	52.20 33	I Amb	I Amb	16 33 56.7	+1.4
KK31	Karatay Array	52.53 302	P	P	16 33 57.8	0.0
KKAR	Karatay Array	52.53 302	P	P	16 33 57.9	+0.1
BPBW	Bear Paw Mtn.	52.75 32	I Amb	I Amb	16 34 00.4	+1.3
WRA	Warramunga Arr	52.77 184	P	P	16 33 58.5	-1.2
KTH	Kantishna Hill	52.77 32	I Amb	I Amb	16 34 00.9	+1.6
SUA	Susitna One	52.90 35	P	P	16 34 00.9	+0.6
BRLK	Bradley Lake	52.91 37	P	P	16 34 00.5	+0.2
NIL	Nilore	52.99 290	I Amb	I Amb	16 34 01.7	+0.4
MCK	McKinley	53.66 32	P	P	16 34 06.9	+1.3
GAR	Garm	53.68 297	P	P	16 34 06.3	-0.1
RND	Reindeer	53.71 32	I Amb	I Amb	16 34 06.7	+0.6
MDM	Murphy Dome	53.93 30	P	P	16 34 09.0	+1.5
WRH	Wood River Hill	54.00 31	P	P	16 34 09.3	+1.3
SML	Sawmill	54.03 34	P	P	16 34 09.4	+1.1
CCB	Clear Creek Bu	54.12 31	P	P	16 34 10.2	+1.4
HDA	Harding Lake	54.50 31	I Amb	I Amb	16 34 11.7	+0.1
SCM	Sheep Creek Mo	54.51 34	P	P	16 34 12.8	+1.0
ILAR	Eielson Array	54.51 31	P	P	16 34 12.2	+0.5
CHGR	Chuyangaron	54.65 297	P	P	16 34 12.9	-0.3
GLI	Glacier Island	54.70 35	P	P	16 34 14.4	+1.4
FID	Port Fidalgo	55.02 36	P	P	16 34 16.2	+0.9
MENT	Mentasta	56.07 33	I Amb	I Amb	16 34 24.3	+1.6
AS31	Alice Springs	56.49 184	P	P	16 34 26.9	+0.8
ASAR	Alice Springs	56.50 184	P	P	16 34 25.3	-0.9
MCARA	McCarthy VSAT	56.60 35	I Amb	I Amb	16 34 28.1	+1.7
WAX	Waxell Ridge	56.83 36	P	P	16 34 29.3	+1.2
EGAK	Eagle	56.95 30	I Amb	I Amb	16 34 29.6	+0.8
BARN	Barnard Glacie	57.30 35	P	P	16 34 32.7	+1.1
ARU	Arti	57.35 320	P	P	16 34 31.5	-0.2
DAWY	Dawson	57.82 31	I Amb	I Amb	16 34 36.0	+1.1
EPYK	Eagle Plains	58.21 28	P	P	16 34 40.8	+1.2
INK	Inuvik	59.33 26	P	P	16 34 45.9	+0.9
HYT	Haines Junctio	59.34 35	P	P	16 34 47.3	+1.9
WHY	Whitehorse	60.63 34	P	P	16 34 55.4	+1.4
C36M	Paulatuk	62.33 23	P	P	16 35 05.5	+0.5
ARCES	ARCES Array B	66.64 339	P	P	16 35 33.2	+0.5
RES	Resolute Bay	67.21 13	I Amb	I Amb	16 35 36.5	+0.4
YKA	Yellowknife Ar	68.80 28	P	P	16 35 46.6	+0.5
FIAT	FINES Array B	70.89 332	P	P	16 35 58.8	0.0
FINES	FINES Array B	70.89 332	P	P	16 35 58.9	+0.2
KBZ	Khabaz	71.14 310	P	P	16 36 01.4	+0.8
PINE	Pine Mountain	75.29 47	P	P	16 36 26.9	+2.0
AKASG	Malin Array Be	75.53 321	P	P	16 36 25.8	0.0
AKBB	Malin Array Si	75.53 321	I Amb	I Amb	16 36 25.7	-0.1
NC405	NORSAR Array S	76.41 336	P	P	16 36 30.7	+0.1
NB201	NORSAR Array S	76.60 336	P	P	16 36 31.5	-0.2
NC204	NORSAR Array S	76.62 337	P	P	16 36 31.9	+0.1
NB2	NORSAR Subarra	76.64 336	P	P	16 36 31.7	-0.2
NOA	NORSAR Array B	76.64 336	P	P	16 36 32.2	+0.3
BMO	Blue Mountains	76.92 45	P	P	16 36 35.0	+1.2
JTMT	Jette	77.02 41	P	P	16 36 35.6	+1.2
J08A	Circle Bar Ran	77.04 47	I Amb	I Amb	16 36 35.7	+1.2
ORV	Oroville	77.18 51	P	P	16 36 35.8	+0.5
BEKR	Beckworth	77.75 50	I Amb	I Amb	16 36 39.5	+0.9
SOCY	Socotra	78.20 277	P	P	16 36 39.7	-1.6
CMB	Columbia Colle	78.73 52	P	P	16 36 44.8	+1.0
BR131	Keskin Array S	79.14 310	I Amb	I Amb	16 36 46.7	+0.6
BRTR	Keskin Array B	79.14 310	P	P	16 36 46.5	+0.5
KVN	Kaiserville	79.66 50	P	P	16 36 48.3	-0.7
KVN			I Amb	I Amb	16 36 50.9	

NVAR	Mina Array Bea	79.88 51	P	P	16 36 51.2	+1.0
PDAR	Pinedale Array	82.68 43	P	P	16 37 05.2	+0.5
TCRU	Trinity Creek	83.50 48	P	P	16 37 10.4	+1.5
P17A	Butcher Ranch	84.02 46	P	P	16 37 12.5	+1.1
TXAR	Lajitas Array	95.02 50	P	P	16 38 04.0	+0.7
LPAZ	La Paz	151.36 61	PKPbc	PKIKP	16 44 33.9	+0.3
<p>IDC 20 16:49:11.4e1.7,5.79S:130.52E,h0km,mb3.8/2,mb1.4/1.6,mb1mx3.7/35,mbtmp3.9/6,ML4.0/4,Error ellipse: s-maj=55.4km s-min=23.2km az=81.0</p> <p>NEIC 20 16:49:18.1e1.4,5.61S:130.50E,0.3,h46km,14km,mb4.2/3,Error ellipse: s-maj=36.6km s-min=11.0km az=96.0</p> <p>ISC 20 16:49:16.7e0.9,5.62S:130.50E,0.2,h35km,n17,az=25.0/14,mb4.3/4,Banda Sea</p>						
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s
SAUI	Saumlaki	2.49 160	Pn	16 49 58.4	+3.6	
FAKI	Fak Fak	3.22 34	Pn	16 50 05.6	+0.8	
SJJI	Sorong	4.79 10	Pn	16 50 18.4	+2.0	
SJJI		7.6nm,0.3s,baz=264,slow=23,SNR=76	Sn	16 51 28.6	-2.0	
MTN	Manton Dam	7.21 175	Pn	16 51 01.0	+1.3	
KNRA	Kunururra	10.13 189	Pn	16 51 40.6	+0.8	
FITZ	Fitzroy Crossi	13.27 200	Pn	16 52 20.5	-2.2	
FITZ		0.6nm,0.3s,baz=22,slow=12,SNR=17	Sn	16 54 40.4	-8.6	
FITZ		0.2nm,0.3s,baz=229,slow=17,SNR=1.5	Sn	16 52 21.9	-0.8	
WBO	Warramunga Arr	14.58 165	Pn	16 52 35.5	-5.1	
WRA	Warramunga Arr	14.73 166	Pn	16 52 37.1	-5.6	
WRA		0.6nm,0.3s,baz=347,slow=13,SNR=27	Sn	16 55 11.7	-13	
WB2	Warramunga Arr	14.73 165	Pn	16 52 37.1	-5.6	
WR0	Warramunga Arr	14.80 165	Pn	16 52 36.9	-6.6	
AS31	Alice Springs	18.25 170	P	16 53 24.6	-2.6	
AS31		comp=Z,1.0nm,0.8s	I Amb	16 53 32.7		
ASAR	Alice Springs	18.25 170	P	16 53 24.6	-2.7	
ASAR		0.7nm,0.3s,baz=355,slow=23,SNR=8.0	S	16 56 38.3	-12	
CMAR	Chiang Mai Arr	39.22 308	P	16 56 43.3	+1.4	
CMAR		comp=Z,0.2nm,0.3s,baz=354,slow=24,SNR=6.2	S	16 56 43.3	+1.4	
MK31	Makanchi Array	67.33 326	P	17 00 08.2	0.0	
MK31		comp=Z,0.4nm,0.4s,baz=132,slow=6.9,SNR=6.3	I Amb	17 01 59.7		
MKAR	Makanchi Array	67.33 326	P	17 00 08.9	+0.7	
MAKZ	Makanchi	67.51 326	P	17 00 09.8	+0.4	
MAKZ		comp=Z,1.0nm,0.4s,baz=113,slow=8.1,SNR=26	I Amb	17 00 43.4		
MAKZ		comp=Z,7.5nm,1.4s	I Amb			
<p>IDC 20 16:56:30.0e5.1,7.11S:154.73E,h0km,mb3.2/3,mb1.3/5.4,mb1mx3.3/40,mbtmp3.3/4,ML3.3/1,Error ellipse: s-maj=95.9km s-min=32.4km az=81.0, Bougainville-Solomon Islands region</p>						
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s
KRVT	Koravat (AS076	3.87 316	Op Pn	16 57 31.7	+0.9	
KRVT		2.0nm,0.3s,baz=148,SNR=11	Pn	16 58 17.6	+0.6	
KRVT		6.9nm,0.3s,baz=346,slow=8.5,SNR=5.0	Sn	17 01 41.5	-0.6	
WRA	Warramunga Arr	23.54 235	P	17 02 04.2	+0.3	
ASAR	Alice Springs	25.90 228	P	17 02 04.2	+0.3	
CMAR	Chiang Mai Arr	60.60 296	P	17 06 43.0	-0.1	
CMAR		0.5nm,0.6s,baz=117,slow=5.0,SNR=5.3	P			
<p>JMA 20 17:00:17.2e0.2,23.89N:122.08E,h27km,4km,M2.6</p> <p>TAP 20 17:00:18.3,23.93N:122.06E,h33km,ML3.3,C</p> <p>ISC 20 17:00:16.2e1.1,23.87N:122.09E,0.02,h19km,3km,n109,e0s64/21.3,Taiwan region</p>						
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s
ENLB	Shoufeng	0.45 275	P	17 00 26.8	+1.2	
ENLB		baz=260	S	17 00 34.2	-1.0	
HWA	Hwaiian	0.46 284	P	17 00 27.9	+0.1	
HWA		baz=269	eS	17 00 34.4	-1.1	
TWD	Chiawan	0.50 295	P	17 00 27.8	-0.5	
TWD		baz=289	S	17 00 34.7	+1.3	
NACB	Ninganchiao	0.55 304	P	17 00 28.3	+1.1	
NACB		baz=299	eS	17 00 35.9	+1.3	
ESL	Shilin	0.60 265	P	17 00 29.5	-0.4	
ESL		baz=253	S	17 00 38.2	-0.9	
EGFH	Guangtu	0.64 252	P	17 00 30.4	+0.1	
EGFH		baz=237	S	17 00 39.6	-0.3	
ENA	Nanau	0.64 331	P	17 00 29.9	+1.1	
ENA		baz=317	eS	17 00 38.5	+1.0	
ETHL	Xiulin Townshi	0.65 302	P	17 00 30.0	-0.6	
ETHL		baz=297	S	17 00 38.9	+1.2	
EOSI	EOSI	0.68 3	P	17 00 30.5	+0.8	
EOSI		baz=12	S	17 00 39.6	+0.8	
HGSD	Huisui	0.71 239	eP	17 00 31.7	+0.3	
HGSD		baz=225	eS	17 00 41.5	-0.3	
TWC	Suao	0.77 344	P	17 00 31.8	+0.4	
TWC		baz=255	eS	17 00 41.2	0.0	
EHY	Hungye	0.79 243	P	17 00 32.8	+0.4	
EHY		baz=250	S	17 00 43.0	-0.7	
WHF	Hehuan Shan	0.80 290	P	17 00 32.8	-0.2	
WHF		baz=277	S	17 00 42.5	-0.3	
OWD	Renai	0.84 276	P	17 00 33.3	0.0	
OWD		baz=271	S	17 00 44.0	+0.1	
NNSB	Datong	0.85 311	P	17 00 33.2	+0.2	
NNSB		baz=308	S	17 00 44.2	-0.1	
NNSH	Datong	0.85 311	P	17 00 33.1	+0.1	
NNSH		baz=308	S	17 00 44.3	0.0	
CHGB	Renai	0.86 283	P	17 00 33.8	+0.2	
CHGB		baz=270	S	17 00 45.2	-0.6	
YULB	Yu-li	0.86 237	eP	17 00 34.0	+0.6	
YULB		baz=247	eS	17 00 44.8	+0.2	
NNS	Nan Shan	0.87 311	P	17 00 33.3	+0.1	
NNS		baz=309	eS	17 00 43.7	-0.4	
VWDT	WDT	0.88 263	eP	17 00 34.3	+0.7	
VWDT		baz=258	eS			

VWDT	baz=258	eS	Sg	17 00 45.0	+0.1	
TWF1	Yuli	0.89 235	eP	Pn	17 00 34.4	+0.7
TWF1		baz=244	eS	Sn	17 00 46.3	+0.2
NDT	Datong Townshi	0.90 324	eP	Pg	17 00 33.8	0.0
NDT		baz=323	eS	Sg	17 00 45.5	-0.3
ENTT	Nioudou	0.91 328	P	Pg	17 00 33.9	0.0
ENTT		baz=328	eS	Sg	17 00 45.6	-0.4
TWT	Tachien	0.92 295	eP	Pn	17 00 34.9	+0.5
TWT		baz=291	eS	Sn	17 00 46.9	-0.3
TDCB	Techi	0.93 295	eP	Pn	17 00 34.9	+0.3
TDCB		baz=283	eS	Sg	17 00 46.6	-0.3
TWE		baz=283	P	Pb	17 00 34.3	+0.5
TWE		baz=336	S	Sb	17 00 46.3	+0.4
ILA	Ilan	0.95 341	P	Pg	17 00 35.0	+0.5
ILA		b				

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like NSY Sany, NSY bazy, NSY bazy292, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like THIG, PCIG, STG3, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like DBIC Dimboko, ZALV Zalesovo, PLCA Paso Flores, etc.

CGG 20 17:13:50.8±0.5, 17.25N;92.26W, h158km, 376km, MD4.2
IDC 20 17:13:51.6±0.3, 13.46N;93.90W, h0km, mb3.5/4,
mb1 3.9/8, mb1mx3.7/34, mbtmpr3.6/8, ML3.5/4, MS2.7/2,
Ms1 2.7/2, ms1mx2.4/24, Error ellipse: s-maj=49.3km

NEIC 20 18:02:52.1±0.8, 19.70N;0.09;65.26W;0.0'06, h39km, 44km,
Error ellipse: s-maj=13.8km s-min=7.6km az=193.0
RSPR 20 18:02:53.0, 19.59N;65.26W, h83km, 6km, MD3.1/4
ISC 20 18:02:52.6±2.2, 19.51N;0.10;65.35W;0.07, h16km, n24,
0.6±1/23, 4C-2D, Puerto Rico region

20d 20h

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

2014 APR

Main table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Time, Res, and other technical details for various stations.

1554

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Time, Res, and other technical details for various stations.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARPR, KOPT, KELT, BAYB, etc.

NEIC 20:42:07.2±1.6, 17.365S, 0.09:69.5W, 0.1, h174km, 3km, mb4.4/6, Error ellipse: s-maj=18.7km s-min=9.4km az=124.0

GUC 20:42:08.0±0.7, 17.385S, 69.65W, h168km, 4km, ML4.0, IDC 20:42:08.6±1.5, 17.185S, 69.43W, h176km, 3km, mb3.9/7, mb1.4/0.9, mb1mx3.6/29, mbtmpp4.4/9, Error ellipse: s-maj=21.3km s-min=11.7km az=48.0

ISC 20:42:07.1±0.6, 17.405S, 0.05:69.46W, 0.08, h169km, 6km, n50, r1576/4, mb4.5/10, 9C, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB16, LPAZ, MNMC, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB08, PATCX, etc.

IDC 20:21:13:00.2±5.2, 0.58N, 122.47E, h87km, 52km, mb3.2/6, mb1.3/4.8, mb1mx3.2/34, mbtmpp3.6/8, ML3.7/2, MS3.9/1, Ms1.3/9.1, ms1mx2.6/19, Error ellipse: s-maj=56.2km s-min=16.5km az=66.0

DJA 20:21:03:00.9±0.3, 1°N, 3°12'E, h63km, 6km, M4.3/13, mb5.0/4, mb4.6/6, MLV4.2/13, Mw(M)4.2/4

ISC 20:21:13:00.4±0.9, 0.70N, 102.07E, 122.33E, 0.05, h86km, 8km, n21, r1924/26, mb3.4/6, Minahasa Peninsula, Sulawesi

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

ISC 20:21:26:52.3±1.4, 7.14S, 154.84E, h0km, mb3.6/7, mb1.3/9.8, mb1mx3.7/27, mbtmpp3.8/9, ML3.7/1, Error ellipse: s-maj=36.8km s-min=27.3km az=121.0

ISC 20:21:26:58.4±1.1, 7.15S, 154.82E, 0.2, h41km, n12, r0590/10, mb3.5/7, Bougainville-Solomon Islands region

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

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

SKO 20:21:35:57.7, 40.666N, 19.17E, h0km, BEO 20:21:35:58.2±0.7, 40.65N, 19.22E, h0km, ML2.7/7, ATH 20:21:36:02.3, 40.87N, 19.54E, h16km, 2km, ML2.5/7, Error ellipse: s-maj=2.7km s-min=1.6km az=293.0

ISC 20:21:36:01.7±1.3, 40.90N, 0.02:19.46E, 0.03, h3km, n11km, n49, r196/63, 3C-1D, Albania

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

IDC 20:21:37:00.0±0.5, 36.33N, 156.33E, h0km, mb3.2/6, mb1.3/4.8, mb1mx3.2/34, mbtmpp3.6/8, ML3.7/2, MS3.9/1, Ms1.3/9.1, ms1mx2.6/19, Error ellipse: s-maj=56.2km s-min=16.5km az=66.0

DJA 20:21:03:00.9±0.3, 1°N, 3°12'E, h63km, 6km, M4.3/13, mb5.0/4, mb4.6/6, MLV4.2/13, Mw(M)4.2/4

ISC 20:21:13:00.4±0.9, 0.70N, 102.07E, 122.33E, 0.05, h86km, 8km, n21, r1924/26, mb3.4/6, Minahasa Peninsula, Sulawesi

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

IDC 20:21:45:07.2±3.2, 12.05N, 143.82E, h46km, 27km, mb3.5/9, mb1.3/8.9, mb1mx3.4/38, mbtmpp3.8/9, ML3.7/1, MS3.3/2, Ms1.3/3.2, ms1mx2.6/32, Error ellipse: s-maj=29.5km s-min=23.0km az=129.0

ISC 20:21:45:04.8±0.9, 12.05N, 143.82E, 0.1, h26km, n13, r121/12, mb3.8/9, South of Marais Islands

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

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like YKA Yellowknife Ar, NVAR Mina Array Bea, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like WRA comp=Z,29nm,0.9s, ARMA Armidale, SIJI Sorong, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like AAK Ala-Archa, NRK Nori'sk, BTK Batken, etc.

IDC 20 22:24:29.9,2,0,6:57S,154:71E,h60km,16km,mb4.1/21, mb1.4/3.26,mb1mx4.2/38,mbtmp4.4/26,MS3.6/13, Ms1.3/6.13,ms1mx3.4/28,Error ellipse: s-maj=15.4km s-min=10.8km az=69.0

NEIC 20 22:24:29.3,1.4,6:59S,107:154:64E,0.06,h59km,6km, mb4.7/36,Error ellipse: s-maj=11.3km s-min=8.0km az=213.0

DJA 20 22:24:31.5,0.4,7:53S,15:55E,h68km,4km,M4.8/37, mb4.8/37,mb4.8,MLV4.9/3, Mw(m)B4.1/4, ISC 20 22:24:28.6,0.4,6:58S,105:154:65E,0.05,h48km,n110, e134/110,mb4.8/53,MS3.6/11,1D

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes Bougainville-Solomon Islands region stations like RABL Rabaul, KRVT Keravat, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes Bougainville-Solomon Islands region stations like WRA comp=Z,29nm,0.9s, ARMA Armidale, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes Bougainville-Solomon Islands region stations like AAK Ala-Archa, NRK Nori'sk, BTK Batken, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N1 WAKE ISLAND, H1N2 WAKE ISLAND, H1N3 WAKE ISLAND, WRA Warramunga Arr, etc.

IDC 20:05:44.3z.1.2, 39.03Nk.110:79E, h0km, mb3.5/6, mb1 3.7/7, mb1mx3.4/52, mbtmp3.5/7, ML3.1/1, Error ellipse: s-maj=33.5km s-min=20.5km az=77.0

ISC 20:25:58.49.5z.1.2, 39.1N.0.1, 110:7E.0.2, h35km, n7, c=0877, mb3.5/6, Western Nile Mongol

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONMI Songoing Array, SONM, MKRAC Makanchi Array, CMAR Chiang Mai Arr, etc.

IDC 20:00:06.53.1z.1.3, 6.84S, 154:81E, h0km, mb3.9/8, mb1 4.2/10, mb1mx3.9/36, mbtmp4.0/10, ML1.8/1, MS3.5/6, Ms1 3.5/6, ms1mx2.0/28, Error ellipse: s-maj=38.7km s-min=24.1km az=130.0

ISC 21:00:06:59.8z.1.0, 6.75S.0.1, 154:7E.0.1, h41km, n16, c=1908/12, mb3.8/8, MS3.7/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), HNR Honiara, PMG Port Moresby, DZM Mont Dzumac, WRA Warramunga Arr, etc.

IDC 21:00:10:31.5z.1.9, 11:68S;162:85E, h0km, mb4.0/3, mb1 4.0/5, mb1mx3.7/38, mbtmp4.0/5, ML4.1/2, MS3.0/3, Ms1 3.0/3, ms1mx2.7/31, Error ellipse: s-maj=41.9km s-min=27.4km az=73.0

ISC 21:00:36.4z.1.5, 11.77S.0.2, 162:9E.0.2, h35km, n9, c=0580/7, mb4.0/4, MS3.1/3, Bougainville-Solomon Islands region

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

IDC 21:00:11:37.7z.1.4, 22:72S;66:23W, h239km, 20km, mb3.6/1, mb1 3.3/5, mb1mx3.0/25, mbtmp3.9/5, Error ellipse: s-maj=31.9km s-min=20.3km az=127.0

ISC 21:00:11:38.0z.1.2, 22:72S.0.1, 66:3W.0.1, h251km, n6, c=100/8, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LPAZ La Paz, SIW San Ignacio, BDFB Brasilia, etc.

IDC 21:00:22:13.0z.2.3, 4:69S; 152:78E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.5/28, mbtmp3.7/3, Error ellipse: s-maj=44.8km s-min=13.0km az=40.0

NEIC 21:00:22:13.4z.2.8, 4:8S.0.1, 152:82E.0.09, h10km, gkm, mb4.2/4, Error ellipse: s-maj=18.1km s-min=6.8km az=22.0

ISC 21:00:22:15.1z.0.9, 4:6S.0.1, 152:9E.0.1, h55km, n13, c=2531/12, mb3.9/4, New Britain region

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

IDC 21:00:30:49.1z.2.3, 6:39S; 130:27E, h108km, 28km, mb3.7/3, mb1 4.1/7, mb1mx3.6/30, mbtmp4.4/7, Error ellipse: s-maj=54.2km s-min=15.9km az=90.0

NEIC 21:00:30:51.0z.2.7, 6:45S;0.04x130:43E.0.09, h141km, 12km, mb4.1/5, Error ellipse: s-maj=12.9km s-min=5.1km az=82.0

DJA 21:00:31:0.9z.0.3, 6:5S;2:13'0E, h175km, 6km, MA.5/13, mb5.2/6, mb4.4/5, MLV4.5/13, Mw(mB)4.5/6

ISC 21:00:30:51.3z.0.6, 6:46S;0.04x130:43E.0:07, h150km, n32, c=2518/39, mb4.0/4, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, SAUI, BNDI Bandanaira, GNDI Gndi, MSAI Masohi, FAKI Fak Fak, etc.

IDC 21:00:48:32.5z.2.3, 22:55N-93:60E, h0km, mb3.4/3, mb1 3.5/4, mb1mx2.6/48, mbtmp3.4/3, ML3.2/1, MS3.3/2, Ms1 3.3/2, ms1mx2.6/48, Error ellipse: s-maj=83.8km s-min=23.1km az=67.0, Myanmar-India border region

NEIC 21:00:57:02.8z.1.2, 24:24S;67:03W, h160km, 12km, mb3.5/6, mb1 3.6/12, mb1mx3.4/40, mbtmp4.0/12, Error ellipse: s-maj=15.8km s-min=15.1km az=13.0

VAO 21:00:57:04.7z.0.5, 24:17S;67:18W, h188km, 6km, mb4.0, GUC 21:00:57:05.3z.0.5, 24:28S;67:07W, h214km, 6km, ML4.6, MS3.1/2, Error ellipse: s-maj=15.8km s-min=15.1km az=13.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, MKRAC Makanchi Array, SONMI Songoing Array, WRA Warramunga Arr, etc.

IDC 21:00:57:02.8z.1.2, 24:24S;67:03W, h160km, 12km, mb3.5/6, mb1 3.6/12, mb1mx3.4/40, mbtmp4.0/12, Error ellipse: s-maj=15.8km s-min=15.1km az=13.0

NEIC 21:00:57:02.8z.1.2, 24:24S;67:03W, h160km, 12km, mb3.5/6, mb1 3.6/12, mb1mx3.4/40, mbtmp4.0/12, Error ellipse: s-maj=15.8km s-min=15.1km az=13.0

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

comp=E, 2.0m, 0.5s I S IAML S 00 58 21.5 +0.2 00 58 24.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB06 IPOC Station P, PB06 IPOC Station P, PB14 IPOC Station P, etc.

PRE 21 01:02:12.7z.1.3, 27:92S;26:70E, h2km, ML3.4, IDC 21 01:02:14.2z.1.2, 27:93S;26:71E, h0km, mb3.7/4, mb1 3.9/8, mb1mx3.6/40, mbtmp3.9/8, ML2.9/3, Error ellipse: s-maj=20.7km s-min=12.6km az=127.0

ISC 21 01:02:14.6z.1.3, 27:87S;05:26.65E.0.05, h13km, gkm, n24, c=233/40, mb3.7/3, South Africa

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

M54A	Oil Creek Stat	15.36 323	P	Pn	01 08 41.8	-2.3
H60A	Morristown	15.39 346	P	Pn	01 08 44.6	+0.2
V51A	Loudon	15.42 298	Pn	IAMB	01 08 42.8	-2.1
V51A	comp=Z,20nm,1.4s					
G63A	Kingsbury	15.47 354	P	Pn	01 08 46.3	+0.8
J56A	Wolcott	15.48 334	P	Pn	01 08 42.3	-3.2
J56A	Wolcott	15.48 334	IAMB	IAMB	01 08 57.8	
N53A	Lisbon	15.52 319	Pn	Pn	01 08 46.1	0.0
N53A	comp=Z,9.0nm,0.7s					
PKME	Peaks-Kenny Pk	15.60 355	P	Pn	01 08 48.7	+1.6
PKME	Peaks-Kenny Pk	15.60 355	Pn	IAMB	01 08 47.7	+0.7
I57A	Carthage	15.62 338	P	Pn	01 08 47.3	-0.2
G62A	West of Eustis	15.67 352	P	Pn	01 08 49.2	+1.1
G62A	West of Eustis	15.67 352	Pn	IAMB	01 08 48.4	+0.3
H59A	Cadyville	15.70 343	P	Pn	01 08 48.1	-0.3
L54A	Sinclairville	15.72 326	P	Pn	01 08 45.6	-3.2
G60A	Masonville	15.83 347	P	Pn	01 08 51.8	+1.6
FRNY	Flat Rock	15.85 344	IAMB	IAMB	01 09 03.6	
J55A	Hilton	15.86 331	P	IAMB	01 08 52.9	-1.3
J55A	comp=Z,30nm,1.5s					
G61A	St-Isidore-de-	15.87 350	P	Pn	01 08 52.0	+1.3
LONY	Lake Ozonia	15.91 341	Pn	Pn	01 08 50.2	-1.0
L53A	Girard	15.99 323	P	Pn	01 08 48.7	-3.5
W50A	Signal Mountai	16.00 295	P	IAMB	01 08 54.9	-1.0
W50A	comp=Z,12nm,1.0s					
F63A	Nahmakanta, Br	16.02 356	P	Pn	01 08 52.9	+0.4
F63A	Nahmakanta, Br	16.02 356	Pn	IAMB	01 08 53.0	+0.4
MEDO	Medina	16.05 330	P	IAMB	01 08 54.5	+1.6
MEDO	comp=Z,16nm,0.9s					
FPAL	Fort Paine	16.08 292	Pn	IAMB	01 08 54.4	+0.9
FPAL	comp=Z,23nm,1.4s					
PECO	Prince Edward	16.09 335	Pn	Pn	01 08 53.8	+0.4
Z50A	Ashland	16.11 287	Pn	Pn	01 08 53.6	-0.2
F64A	Sherman	16.15 358	Pn	Pn	01 08 52.9	-1.3
LMN	Caledonia Moun	16.26 7	Pn	Pn	01 08 55.8	+0.2
Z50A	Grady	16.28 283	IAMB	IAMB	01 08 58.3	-0.7
Z50A	comp=Z,11nm,0.8s					
R50A	Paris	16.35 306	IAMB	IAMB	01 09 02.8	
GBN	Guyaborough	16.37 15	Pn	Pn	01 08 56.0	-1.0
SWET	Sewanee	16.49 294	IAMB	IAMB	01 09 09.2	
Y49A	Blount Mountai	16.61 289	P	IAMB	01 09 01.8	-0.8
Y49A	comp=Z,26nm,1.4s					
E63A	Oxbow	16.71 358	Pn	IAMB	01 08 59.2	-2.1
E63A	comp=Z,21nm,1.4s					
U49A	Red Boiling Sp	16.74 299	Pn	Pn	01 09 01.4	-0.4
DELO	Deloro Mine	16.82 334	P	Pn	01 09 04.0	-1.0
LRL	Lakeview Retre	16.98 286	P	P	01 09 05.0	-0.8
CLTN	Cedar of Leba	17.04 297	P	P	01 09 07.8	+0.4
PLVO	Plevna	17.07 336	Pn	Pn	01 09 06.7	-0.2
X48A	Hartselle	17.22 291	Pn	Pn	01 09 06.5	-1.5
X48A	comp=Z,23nm,1.5s					
O49A	Covington	17.29 312	P	IAMB	01 09 11.4	+1.2
V48A	Smith Brothers	17.33 295	P	IAMB	01 09 22.1	+1.5
V48A	comp=Z,17nm,1.4s					
TRQ	Mont Tremblant	17.39 343	P	P	01 09 11.4	+0.1
D62A	Allapont, All	17.39 356	P	P	01 09 11.3	+0.1
BATG	Bathurst New B	17.58 3	IAMB	IAMB	01 09 13.8	+0.5
BATG	comp=Z,14nm,1.4s					
SADO	Sadowa	17.64 332	P	P	01 09 14.6	+0.6
WCI	Wyandotte Cave	17.74 304	P	Pn	01 09 14.7	+0.4
T47A	Sharon Grove	17.90 299	P	IAMB	01 09 17.3	+0.3
T47A	comp=Z,9.3nm,0.4s					
PLAL	Pickwick Lake	18.16 292	Pn	IAMB	01 09 18.9	-0.6
PLAL	comp=Z,15nm,1.4s					
WVT	Waverly	18.22 296	P	IAMB	01 09 20.6	+0.2
WVT	comp=Z,6.3nm,0.6s					
BLO	Bloomington	18.29 306	P	IAMB	01 09 22.4	+1.3
BLO	comp=Z,11nm,0.8s					
J48A	Bridge Port	18.81 321	P	P	01 09 26.6	-0.2
D53A	Lac Vavie, Po	19.07 338	P	Pn	01 09 30.3	-0.3
OXF	Oxford	19.16 290	P	Pn	01 09 32.1	+0.5
SDV	Santo Domingo	20.92 189	Pn	Pn	01 09 52.7	0.0
T42A	Van Buren	20.98 297	IAMB	IAMB	01 10 05.0	
E46A	Sault Ste Mari	21.19 326	P	IAMB	01 09 54.6	+1.9
E46A	comp=Z,20nm,1.5s					
L42A	Oliver, Polo	21.69 310	P	P	01 09 57.8	-0.4
X40A	Basin Creek Fa	21.96 289	P	IAMB	01 09 59.0	-2.2
X40A	comp=Z,6.5nm,0.8s					
I42A	Draeger Farm,	22.15 316	P	IAMB	01 10 01.9	-1.2
I42A	comp=Z,9.0nm,1.1s					
HHAR	Hobbs	23.09 293	P	P	01 10 10.9	-2.2
SPMN	Narine on St.	25.22 315	P	P	01 10 32.0	-1.2
EYMN	Ely	25.53 321	P	P	01 10 39.8	+0.2
TX31	Lajitas Ar. Si	31.40 278	P	P	01 11 26.5	-2.1
TX32	Lajitas Array	31.40 278	P	IAMB	01 11 26.7	-1.9
TX32	comp=Z,1.9nm,0.9s					
TXAR	Lajitas Array	31.40 278	P	P	01 11 30.7	+2.1
PDAR	Pinedale Array	35.98 303	P	P	01 12 09.8	+1.3
YKA	Yellowknife Ar	44.63 331	P	P	01 13 20.0	+0.4
ESDC	Somesea Array	52.21 61	P	P	01 14 19.4	+1.0
ILAR	Eielson Array	59.06 331	P	P	01 15 07.4	+0.2
GERES	GERESS Array B	62.74 47	P	P	01 15 32.9	+0.3
ARCES	ARCES Array B	63.55 23	P	P	01 15 38.6	+1.1
TORD	Torodi Ar. Bea	65.64 88	P	P	01 15 52.1	+0.1
FINES	FINES Array B	66.03 32	P	P	01 15 55.1	+1.4
PLCA	Passo Flores	70.14 192	P	P	01 16 19.9	+0.2
BRTR	Reskin Array B	79.38 50	P	P	01 17 14.4	+0.7
ASAR	Alice Springs	159.97 282	PKPab	PKPab	01 25 48.3	+1.6

VIE 21 01:15:28.4.0.1, 47:62N:15:75E, h11km, mb2.6/20, m3.3/23, Error ellipse: s-maj=1.6km s-min=1.0km az=136.0 1 km W of Spital am Semmering tel 4 ems98 at Spital am Semmering / Styria

LDG 21 01:15:28.7.0.1, 47:65N:15:86E, h2km, M3.5/28, Error ellipse: s-maj=2.6km s-min=2.0km az=177.0

PRU 21 01:15:29.1.0.0, 47:70N:15:72E, h0km

BGR 21 01:15:30.6.0.3, 47:69N:15:72E, h5km, ML3.3/13, Error ellipse: s-maj=6.7km s-min=4.4km az=111.0

BGR People awake.

ISC 21 01:15:28.2.0.8, 47:65N:01:15:71E:001, h17km, 6km, n274, r1997/503, ZC-5D, Austria

Code	Station Name	A ¹	AZ ²	Phase ID	Time Res	ISC
CONA	Conrad Observa	0.30	20	iPg	01 15 34.6	-0.1
CONA	924nm,0.3s			iSg	01 15 39.0	-0.1
CONA	Conrad Observa	0.30	20	Pg	01 15 34.6	-0.1
CONA	71nm,0.1s			Pg	01 15 34.6	-0.1
CONA	CONA			Lg	01 15 39.0	
CONA	CONA			Sg	01 15 39.5	-0.4
ARSA	Arzberg	0.42	198	ePg	01 15 36.6	-0.2
ARSA	Arzberg	0.42	198	eSg	01 15 42.3	-0.2
ARSA	Arzberg	0.42	198	ePg	01 15 36.5	-0.2
ARSA	44nm,0.1s, SNR=241			iSg	01 15 41.8	-0.7
ARSA	340nm,0.1s			Pg	01 15 36.5	-0.2
ARSA	Arzberg	0.42	198	Pg	01 15 36.5	-0.2
ARSA	Arzberg			Pg	01 15 36.5	-0.2
ARSA	44nm,0.1s			x	01 15 36.6	
ARSA	Arzberg			Pg	01 15 36.6	-0.2
ARSA	Arzberg			Lb	01 15 41.8	
ARSA	340nm,0.1s			Lg	01 15 41.8	
ARSA	Arzberg			Sb	01 15 42.3	-0.2
SOP	Sopron	0.57	86	ePg	01 15 39.1	-0.5
SOP	SOP			x	01 15 39.2	
SOP	SOP			eLg	01 15 46.6	
MOA	Molln	0.99	282	ePn	01 15 48.2	+0.7
MOA	Molln	0.99	282	ePg	01 15 48.1	+0.7
MOA	12nm,0.1s, SNR=31			iSg	01 16 02.4	+1.3
MOA	24nm,0.1s			Pn	01 15 48.1	+0.7
MOA	Molln	0.99	282	Pn	01 15 48.1	+0.7
MOA	Molln			Pn	01 15 48.2	+0.7
MOA	Molln			x	01 16 02.4	
MOA	Molln			Lg	01 16 02.4	
MOA	Molln			Lg	01 16 02.4	
SOKA	Soboth	1.07	206	ePg	01 15 48.2	-0.3
SOKA	6.3nm,0.1s, SNR=68			iSg	01 16 01.4	-0.8
SOKA	41nm,0.2s			Pn	01 15 48.1	-0.3
SOKA	Soboth	1.07	206	Pn	01 15 48.2	-0.3
SOKA	Soboth			Pn	01 15 48.2	-0.3
SOKA	6.3nm,0.1s			Lg	01 16 01.4	
SOKA	41nm,0.2s			Lg	01 16 01.4	
SOKA	Soboth			Lg	01 16 01.4	
SOKA	Soboth			Pb	01 16 02.3	-0.1
BISS	Bistriski jare	1.08	202	iSg	01 16 02.2	+0.1
BISS	Bistriski jare	1.08	202	Pn	01 15 48.3	-0.1
BISS	Bistriski jare	1.08	202	Pn	01 15 48.3	-0.1
BISS	Bistriski jare	1.08	202	Pn	01 16 02.2	+0.1
BISS	Bistriski jare	1.08	202	Lg	01 16 02.2	+0.1
BISS	Bistriski jare	1.08	202	Lg	01 16 02.2	+0.1
PERS	Pernice	1.09	202	iPg	01 15 48.6	-0.1
PERS	Pernice	1.09	202	iSg	01 16 03.1	-0.5
PERS	Pernice	1.09	202	Pn	01 15 48.5	-0.1
PERS	Pernice	1.09	202	Pn	01 15 48.6	-0.1
PERS	Pernice	1.09	202	Pn	01 15 48.6	-0.1
PERS	Pernice	1.09	202	Pn	01 15 48.6	-0.1
PERS	Pernice	1.09	202	Pn	01 15 48.6	-0.1
PERS	Pernice	1.09	202	Pn	01 15 48.6	-0.1
PERS	Pernice	1.09	202	Pn	01 15 48.6	-0.1
PERS	Pernice	1.09	202	Pn	01 15 48.6	-0.1
GROS	Grobnik	1.20	187	iPg	01 15 50.5	+0.1
GROS	Grobnik	1.20	187	iSg	01 16 05.2	-0.5
GROS	Grobnik	1.20	187	Pg	01 15 50.5	+0.1
GROS	Grobnik	1.20	187	Pg	01 15 50.5	+0.1
GROS	Grobnik	1.20	187	Lg	01 16 05.2	
GROS	Grobnik	1.20	187	Lg	01 16 05.2	
MODS	Modra-Piesok	1.28	55	ePn	01 15 51.3	-0.1
MODS	Modra-Piesok	1.28	55	eSg	01 16 09.1	-0.5
MODS	Modra-Piesok	1.28	55	ePg	01 15 51.2	-0.1
MODS	Modra-Piesok	1.28	55	ePg	01 16 09.1	-0.5
MODS	Modra-Piesok	1.28	55	eSg	01 16 14.7	
MPLH	Magyarpolny	1.33	110	ePg	01 15 53.0	+0.3
BEHE	Becsehely	1.39	148	ePg	01 15 54.3	-0.6
BEHE	Becsehely	1.39	148	x	01 15 54.2	-0.6
BEHE	Becsehely	1.39	148	Pg	01 15 54.3	-0.6
BEHE	Becsehely	1.39	148	Pg	01 15 54.8	-0.1
BEHE	Becsehely	1.39	148	Lg	01 15 54.7	
OBKA	Obir	1.39	215	eLg	01 15 54.5	-0.5
OBKA	Obir	1.39	215	ePg	01 15 54.5	-0.5
OBKA	6.6nm,0.2s, SNR=69			iSg	01 16 13.9	+0.8
OBKA	101nm,0.3s			Pg	01 15 54.4	-0.6
OBKA	Obir	1.39	215	Pg	01 15 54.5	-0.5
OBKA	Obir	1.39	215	Pg	01 15 54.6	-0.5
OBKA	Obir	1.39	215	Pb	01 15 54.6	-0.5
OBKA	Obir	1.39	215	x	01 16 13.9	
OBKA	Obir	1.39	215	Lg	01 16 13.9	
OBKA	Obir	1.39	215	Lg	01 16 13.9	
SMOL	Smolenice	1.44	52	eLg	01 15 55.2	-0.8
SMOL	Smolenice	1.44	52	ePg	01 15 55.2	-0.8
SMOL	Smolenice	1.44	52	ePn	01 15 52.2	-0.8
SMOL	Smolenice	1.44	52	eSg	0	

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like EGAK Eagle, KURK Kurchatov, KURB Kurchatov, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like CLL Collin, PRU Prunichio, NRDL Niedersach, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like ILAS Lasjerd, TNSJ Nastanj, TABS Tabas, etc.

TEH 21 02:35:56.9, 37°55'N-56°26'E, h5km, ML4.1
NCC 21 02:35:58.9, 34.37, 90N:56°10'E, h0km, mb4.2, Error
ellipse: s-maj=36.4km s-min=14.4km az=24.0

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CPUP Villa Florida, CPUP CBOU, CPUP Villa Florida, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HELC Santa Helena, HELC Ciudad Bolivar, SMLC San Martin de Cabrill, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GOPC GO Pecny, Ondr, GOPC GO Pecny, Ondr, PRU Pruhonice, etc.

21d 5h

2014 APR

1570

Table with columns: Station, Name, Time, Res, Phase ID, and various codes. Includes stations like TKM2, HRA, NDI, GEYT, etc.

Table with columns: Station, Name, Time, Res, Phase ID, and various codes. Includes stations like BUR08, VOIR, WHN, ARR, etc.

Table with columns: Station, Name, Time, Res, Phase ID, and various codes. Includes stations like FSK, KFL, ANN, etc.

ATH 21 05:21:54.0, 38°31'N, 20°42'E, h15km, ML2 8/14, Error ellipse: s-maj=1.5km, s-min=0.7km, az=260.0

THE 21 05:21:54.0, 38°30'N, 20°42'E, h12km, ML3 2/13, Error ellipse: s-maj=0.9km, s-min=0.3km, az=262.0

ISC 21 05:21:54.0, 0.8, 38.31N, 20.42E, h16km, 4km, n64, c092/94, Greece

IDC 21 05:40:20.8, 1.1, 7°22'S, 155°04'E, h0km, mb3.9/7, mb1 4/18, mb1mx3.9/25, mbtmp3.9/8, ML3.9/1, Error ellipse: s-maj=35.6km, s-min=25.8km, az=131.0

NEIC 21 05:40:26.2, 1.2, 7.25S, 0.1, 155.0E, 0.1, h35km, 6km, mb4.2/2, Error ellipse: s-maj=27.4km, s-min=7.4km, az=45.0

ISC 21 05:40:26.6, 0.9, 7.25S, 0.1, 155.0E, 0.2, h41km, n13, c078/13, mb4.0/9, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KEF4, KEF5, KEF1, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARBA, ARZB, KBA, etc.

comp=Z,0.3nm,0.5s,baz=261,slow=4.3,SNR=12
BDFB Brasilia 147.80 135 PKPbc PKIKP 06 00 09.7 -0.6
comp=Z,1.5nm,0.7s,baz=192,slow=4.9,SNR=3.9
BDFB Brasilia 147.80 135 PKIKP 06 00 10.1 -0.2

IDC 21 05:41:52.9;1.0,7.09S;155.03E,h0km,mb3.9/7,
mb1.4/2.8,mb1mx4.0/2.7,mtbtp3.9/8,ML4.1/1,MS3.1/1,
Ms1.3.1/1,ms1mx2.5/30,Error ellipse: s-maj=35.7km
s-min=24.9km az=141.0
ISC 21 05:41:59.7;1.0,7.05S;0.2:154.9E:0.2,h41km,n10,
o059S,9,mb3.9/7,Bougainville-Solomon Islands region

Code Station Name Az AZZ Phase ID Time Res
ISC h m s ISC
KRVT Keravat (AS076 3.87 313 Op P 05 42 58.8 +0.1
12nm,0.3s,baz=170,slow=18,SNR=4.6
JAY Jayapura 14.78 287 LR P 05 50 48.5
comp=Z,65nm,18.6s,baz=194,slow=36
WRA Warrungga Arr 23.71 235 P P 05 47 07.5 -0.7
1.2nm,0.3s,baz=60,slow=9.2,SNR=5.9
ASAR Alice Springs 26.08 228 P P 05 47 29.2 -0.6
0.6nm,0.9s,baz=63,slow=9.0,SNR=4.3

CMAR Chiang Mai Arr 60.30 219 P P 05 52 08.1 +0.9
0.7nm,0.5s,baz=115.5,slow=5.3,SNR=4.7
MKAR Makanchi Array 83.65 396 P P 05 54 22.4 +0.0
0.7nm,0.7s,baz=91,slow=7.8,SNR=4.5
ILAR Eielson Array 83.41 22 P P 05 54 21.0 -1.5
0.6nm,0.3s,baz=249,slow=5.1,SNR=10.0
NVAR Mina Array Bea 91.82 52 P P 05 55 04.5 +0.5
0.1nm,0.3s,baz=224,slow=10,SNR=3.5
YKA Yellowknife Arr 96.39 28 P P 05 55 24.2 +0.1
0.2nm,0.5s,baz=262,slow=4.3,SNR=7.9

BDFB Brasilia 148.09 135 PKPbc PKPpdf 06 01 40.1 +1.1
1.9nm,0.7s,baz=168,slow=5.8,SNR=5.0
IDC 21 05:48:23.3;1.7,11.49S;161.89E,h0km,mb3.8/3,
mb1.4/1.6,mb1mx3.8/3.8,mtbtp3.9/6,ML3.9/3,MS3.2/5,
Ms1.3.2/5,ms1mx2.9/31,Error ellipse: s-maj=33.1km
s-min=27.8km az=85.0
NEIC 21 05:48:24.9;1.4,11.49S;0.09:161.9E:0.2,h10km,2km,
mb4.4/2,Error ellipse: s-maj=30.1km s-min=11.6km
az=67.0

ISC 21 05:48:28.2;1.1,11.55S;0.1:161.9E:0.2,h36km,n14,
o1516I2,mb3.7/5,MS3.3/3,Bougainville-Solomon
Islands region

Code Station Name Az AZZ Phase ID Time Res
ISC h m s ISC
HNR Honiara 2.81 317 Op P 05 49 09.3 -1.4
12nm,0.3s,baz=287,slow=3.9,SNR=1.6
HNR Honiara 30nm,0.3s,baz=137,slow=18,SNR=2.1
HNR Honiara 30nm,0.3s,baz=156,slow=34
LR P 05 49 59.3
HNR Honiara 2.109nm,21.0s,baz=156,slow=34
LR P 05 49 08.8 -1.9
DZM Mont Dzumac 11.38 158 Pn P 05 51 07.5 +0.9
0.2nm,0.3s,baz=105,slow=16,SNR=1.7
DZM Mont Dzumac 11.38 158 LR P 05 54 48.3
comp=Z,215nm,18.8s,baz=421,slow=34
CTA Charters Tower 17.29 238 Pn P 05 51 07.1 -1.3
0.6nm,0.3s,baz=64,slow=13,SNR=5.2
WRA Warrungga Arr 27.75 149 P P 05 54 14.9 +1.1
0.7nm,0.5s,baz=76,slow=10,SNR=0.6
ASAR Alice Springs 29.23 242 P P 05 54 26.2 -0.5
1.4nm,0.8s,baz=73,slow=9.8,SNR=13
URZ Urewera 29.92 156 LR P 06 04 56.2
comp=Z,103nm,18.4s,baz=282,slow=38
BBOO Buecklebo 31.82 224 P P 05 54 49.8 +0.4
0.5nm,0.3s,baz=184,slow=16,SNR=3.9
BBOO Kununurra 32.45 259 P Iamb P 05 54 55.8 +0.7
comp=Z,5.9nm,1.1s
MJAR Matsushiro Arr 52.74 336 LR P 06 23 54.0
comp=Z,1.3nm,18.1s,baz=195,slow=40
KSRs Korea Array 58.20 328 LR P 06 21 38.9
comp=Z,1.9nm,19.1s,baz=197,slow=34
QSPA South Pole Qui 78.51 180 P P 06 01 26.1 +0.8
ILAR Eielson Array 85.17 20 P P 06 01 01.2 +1.1
comp=Z,0.3nm,0.8s,baz=247,slow=5.9,SNR=4.8

NEIC 21 05:55:21.6;1.3,18.62N;0.09:145.3E:0.1,h601km,6km,
mb4.4/0,Error ellipse: s-maj=19.9km s-min=12.8km
az=86.0
IDC 21 05:55:21.2;1.5,18.66N;145.40E,h598km,20km,
mb3.3/20,mb1.3/4.24,mb1mx3.3/45,mtbtp4.2/24,Error
ellipse: s-maj=16.2km s-min=10.9km az=81.0
ISC 21 05:55:21.4;0.5,18.62N;0.06:145.4E:0.1,h600km,n79,
o082I0,mb4.2/42,Mariana Islands

Code Station Name Az AZZ Phase ID Time Res
ISC h m s ISC
GUMO Guam 5.03 186 P Op P 05 56 54.0 -0.6
11nm,0.3s,baz=16,slow=6.7,SNR=1.9
GUMO Guam 5.03 186 P S P 05 56 53.8 -0.8
GUMO Guam 5.03 186 P S P 05 58 10.4 +0.1
JOW Kunigami 17.75 300 P P 05 54 5.5 -0.2
0.7nm,0.3s,baz=260,slow=12,SNR=11
JOW Kunigami 17.75 300 P P 05 58 54.7 0.0
INU Inuyama 18.24 338 P Iamb P 05 58 59.0 +0.1
05 59 01.7
MJAR Matsushiro Arr 18.94 342 P P 05 59 04.0 -1.3
comp=Z,0.3nm,0.3s,baz=276,slow=2.5,SNR=6.4
MAJO Matsushiro 18.94 342 P Iamb P 05 59 04.5 -0.9
05 59 05.9
MJBJ Matsu-Tunnel 18.94 342 P P 05 59 04.7 -0.7
05 59 05.9
JNU Nakatsu 19.43 321 P P 05 59 08.7 -1.1
comp=Z,1.0nm,1.0s
JNU Nakatsu 19.43 321 P P 05 59 08.9 -1.0
SSLB Suanglung 23.33 287 P P 05 59 45.0 +0.1
KSRs Korea Array 24.20 324 P P 05 59 52.3 -0.1
FAKI Fak Fak 25.00 212 P P 05 59 59.8 0.0
USRK Ussuriysk Arr 27.87 339 P P 06 00 24.9 +0.5
COEN Coen 32.44 184 P P 06 01 05.6 +1.5
MTN Manton Dam 34.92 278 P P 06 01 19.5 +0.1
XAN Xi'an 35.88 303 P P 06 01 32.7 +0.2
06 01 33.3
KNRA Kununurra 37.80 207 P P 06 01 48.3 0.0
06 01 50.9
comp=Z,22nm,1.2s
CTA Charters Tower 38.48 179 P P 06 01 54.0 +0.3
comp=Z,5.5nm,0.6s,baz=348,slow=5.5,SNR=3.9
CTA Charters Tower 38.48 179 P P 06 01 54.2 +0.4
06 02 04.5 +0.3
WRA Warrungga Arr 39.79 196 P Iamb P 06 03 46.4
comp=Z,2.8nm,1.9s
WRAB Tennant Creek 39.81 196 P P 06 02 01.1 -3.4
06 02 05.5
WB2 Warrungga Arr 39.82 196 P P 06 02 05.2 +0.7
06 02 05.8
WB2 Warrungga Arr 39.82 196 P P 06 02 04.9 +0.4
06 02 17.2 +0.8
FITZ Fitzroy Crossi 41.32 209 P P 06 02 17.4
FITZ Songino Array 43.01 322 P P 06 02 30.1 +0.7
AS31 Alice Springs 43.49 195 P P 06 02 33.3 -0.1
ASAR Alice Springs 43.49 195 P P 06 02 33.0 -0.3
comp=Z,2.5nm,0.7s,baz=18,slow=6.5,SNR=7.0
CMAR Chiang Mai Arr 43.72 278 P P 06 02 37.4 +0.6
comp=Z,2.6nm,0.6s,baz=98,slow=6.6,SNR=14
SEY Seymchan 44.54 5 P P 06 02 41.3 +0.6
comp=Z,1.8nm,0.7s,baz=182,slow=10,SNR=4.4
FORT Forrest 51.86 199 P P 06 03 36.2 +0.8
MORW Morawa 55.23 211 P Iamb P 06 03 58.5 -0.7
06 05 50.4
comp=Z,33nm,1.5s
ZALV Zalesovo Beam 57.89 323 P P 06 04 16.7 -0.3
comp=Z,2.3nm,0.5s,baz=103,slow=8.8,SNR=3.9
MK31 Makanchi Array 58.29 314 P P 06 04 20.0 0.0

MKAR Makanchi Array 58.29 314 P P 06 04 20.4 +0.5
comp=Z,4.8nm,0.7s,baz=90,slow=8.5,SNR=46
MAKZ Makanchi 58.51 314 P P 06 04 22.3 +0.9
PPLA Purkepile 61.11 28 P Iamb P 06 04 38.5 0.0
06 07 00.4
comp=Z,23nm,1.3s
KURK Kurchatov 61.12 318 P P 06 04 38.3 -0.2
KURK Kurk 61.12 318 P Iamb P 06 04 39.4
SKT Skwentna 61.16 29 P Iamb P 06 04 38.9 +0.3
SKT Skwentna 61.16 29 P Iamb P 06 05 17.3
NRIR Nori'sik 61.58 340 P P 06 04 41.1 0.0
comp=Z,3.3nm,0.5s,baz=119,slow=9.1,SNR=7.4
RC01 Rabbit Creek A 61.77 30 P P Iamb P 06 04 43.8 +1.2
06 06 08.1
KTH Kantishna Hill 61.84 27 P P 06 04 43.3 +0.2
06 06 26.4
comp=Z,22nm,1.7s
BPWA Bear Paw Mtn. 61.96 26 P P 06 04 43.9 0.0
TRF Thorofare Moun 62.09 27 P Iamb P 06 04 44.7 -0.1
TRF Thorofare Moun 62.09 27 P Iamb P 06 04 44.9
PMR Palmer 62.17 29 P Iamb P 06 04 45.8 +0.7
06 06 10.9
comp=Z,55nm,1.9s
GHO Glory Hole Cre 62.31 29 P Iamb P 06 04 46.6 +0.5
06 05 46.0
GHO Glory Hole Cre 62.31 29 P Iamb P 06 04 46.7 +0.6
06 05 47.4 +0.4
KMK Knik Glacier 62.45 30 P P 06 04 47.3 -0.7
06 05 56.5
SML Sawmill 62.59 29 P Iamb P 06 05 56.5
comp=Z,42nm,1.6s
BOOM Boomskeye bush 62.61 309 P P 06 04 47.7 -0.9
SCM Sheep Creek Mo 63.06 29 P P 06 04 51.9 +1.0
TOLK Toolik Lake Re 63.78 22 P P 06 04 56.8 +1.4
IL31 Ilk 63.85 26 P Iamb P 06 04 55.2 -0.5
06 06 00.7
comp=Z,16nm,1.8s
ILAR Eielson Array 63.85 26 P P 06 04 55.1 -0.8
comp=Z,1.3nm,0.8s,baz=244,slow=6.1,SNR=15
PAX Paxson 64.12 28 P Iamb P 06 04 58.4 +0.7
06 06 44.0
comp=Z,26nm,2.0s
VRDI Verde Repeater 64.30 30 P P 06 05 03.0 +0.9
BALM Baldy 65.81 31 P P 06 05 05.7 +0.4
EGAK Eagle 66.67 27 P Iamb P 06 05 12.2 +1.2
06 06 31.1
comp=Z,24nm,2.0s
BRVK Borovoye 66.40 320 P P 06 05 11.9 -0.1
06 05 13.7 +0.3
KK31 Karatay Array 66.58 310 P P 06 05 13.9 +0.6
KKAR Karatay Array 66.58 310 P P 06 05 16.6 +1.2
DAWY Dawson 66.96 28 P Iamb P 06 06 39.3
comp=Z,21nm,2.0s
CHGR Chuyangarr 68.02 305 P P 06 05 22.7 +0.4
06 05 23.1
comp=Z,18nm,1.1s
KBL Kabul 68.65 301 P P 06 05 25.8 -0.5
INK Inuvik 69.56 23 P P 06 05 31.1 -0.3
comp=Z,1.1nm,0.7s,baz=270,slow=8.2,SNR=7.1
INK Inuvik 69.56 23 P Iamb P 06 05 30.7 -0.1
06 05 46.6
comp=Z,18nm,1.9s
ARU Arti 72.95 325 P Iamb P 06 05 50.8 0.0
06 05 51.5
comp=Z,8.0nm,0.7s
YKA Yellowknife Arr 78.20 28 P P 06 06 19.5 -0.2
comp=Z,0.7nm,0.5s,baz=284,slow=4.7,SNR=22
RES Resolute Bay 79.57 14 P P 06 06 27.6 +0.9
ARCES ARCESS Array B 82.47 342 P P 06 06 41.0 -0.7
comp=Z,1.6nm,0.5s,baz=45,slow=5.5,SNR=10.0
NVAR Mina Array Bea 83.43 52 P P 06 06 47.7 +0.3
KBZ Khabaz 85.98 315 P P 06 06 58.7 -0.6
comp=Z,1.8nm,0.9s,baz=137,slow=4.3,SNR=4.6
FINES FINES Array B 86.83 335 P P 06 07 01.2 -1.7
comp=Z,1.3nm,0.4s,baz=62,slow=5.0,SNR=26
AKASA Malin Array Be 91.19 325 P P 06 07 23.7 +0.3
comp=Z,0.4nm,0.5s,baz=75,slow=1.8,SNR=4.2
NOA NORARS Array B 92.54 340 P P 06 07 27.4 -2.0
comp=Z,0.3nm,0.7s,baz=38,slow=5.1,SNR=2.5
DBIC Dimbokro 141.35 308 PKKPK PKPpre 06 13 39.3
comp=Z,5.2nm,1.0s,baz=128,slow=1.8,SNR=4.3
PB06 IPO Station P 147.43 50 PKPbc PKPbc 06 13 58.8 -1.2
LPAZ La Paz 147.98 91 PKPbc PKPbc 06 14 02.3 +0.5
comp=Z,0.6nm,0.6s,baz=32,slow=3.6,SNR=2.8
LPAZ La Paz 147.98 91 PKPbc PKPbc 06 13 56.5 -1.4
06 14 01.9 +0.1

NEIC 21 06:21:32.5;1.6,11.55S;0.1:162.6E:0.1,h30km,5km,
mb4.9/7,Error ellipse: s-maj=19.7km s-min=12.5km
az=54.0
IDC 21 06:21:33.9;3.8,11.57S;162.56E,h38km,32km,mb4.0/1/3,
mb1.4/2.15,mb1mx4.1/2.8,mtbtp4.2/15,ML4.2,MS3.4/1,
Ms1.3.4/1,ms1mx2.7/40,Error ellipse: s-maj=21.8km
s-min=19.0km az=82.0
ISC 21 06:21:33.9;0.6,11.47S;0.08:162.58E:0.10,h39km,n50,
o1519I2,mb4.4/20,1C-1D,Bougainville-Solomon
Islands region

Code Station Name Az AZZ Phase ID Time Res
ISC h m s ISC
HNR Honiara 3.28 308 Pn Pn 06 22 22.8 0.0
103nm,0.3s,baz=136,slow=8.5,SNR=14
HNR Honiara 41nm,0.3s,baz=39,slow=16,SNR=3.7
HNR Honiara 61.11nm,21.7s,baz=126,slow=37
LR P 06 23 26.1
HNR Honiara 61.11nm,21.7s,baz=126,slow=37
Pn P 06 22 22.0 -0.8
DZM Mont Dzumac 11.18 161 Pn P 06 24 11.8 +0.6
0.3nm,0.3s,baz=126,slow=21,SNR=12
DZM Mont Dzumac 11.18 161 Pn P 06 24 08.6 -2.7
CTA Charters Tower 17.88 239 P P 06 25 42.8 +2.7
WB2 Warrungga Arr 28.34 250 P P 06 27 24.0 -0.3
WRAB Tennant Creek 28.41 249 P P 06 27 22.1 -3.0
WB2 Warrungga Arr 28.41 249 P P 06 27 24.5 -0.5
WRA Warrungga Arr 28.42 249 P P 06 27 24.8 -0.4
2.0nm,0.4s,baz=82,slow=8.8,SNR=6.5
URZ Urewera 29.68 156 P P 06 27 34.1 -1.9
0.2nm,0.9s,baz=76,slow=7.0,SNR=3.3
URZ Urewera 29.68 156 P Iamb P 06 27 35.1
comp=Z,49nm,1.4s
ASAR Alice Springs 29.84 242 P P 06 27 37.2 -0.5
comp=Z,2.3nm,1.0s,baz=68,slow=10.0,SNR=16
H1S2 WAKE ISLAND Hy 30.05 8 T T 06 59 11.3
baz=188,slow=76,SNR=9
H1S3 WAKE ISLAND Hy 30.05 8 T T 06 59 09.3
baz=188,slow=76,SNR=10
H1S1 WAKE ISLAND Hy 30.06 8 T T 06 59 10.2
baz=188,slow=76,SNR=32
BKZ Black Stump Fm 30.24 158 P P 06 27 39.3 -1.7
06 27 46.4
comp=Z,14nm,1.0s
QRZ Fitzroy Crossi 30.53 165 P P 06 27 43.6 +0.1
H1N1 WAKE ISLAND Hy 31.28 8 T T 07 00 44.5
baz=188,slow=76,SNR=5
H1N2 WAKE ISLAND Hy 31.29 8 T T 07 00 42.9
baz=188,slow=76,SNR=40
KHZ Kahutara 32.28 165 P P 06 27 58.4 -0.5
BBOO Buecklebo 32.31 225 P Iamb P 06 27 59.1 -0.2
06 28 10.0
comp=Z,27nm,1.5s
KNRA Kununurra 33.11 259 P P 06 28 06.6 +0.1
06 28 23.6
comp=Z,19nm,1.2s
FITZ Fitzroy Crossi 36.27 255 P P 06 28 34.4 +0.6
comp=Z,1.4nm,0.5s,baz=90,slow=12,SNR=2.0
FITZ Fitzroy Crossi 36.27 255 P P 06 28 33.3 -0.5
06 28 43.3 +1.1
FORT Forrest 37.27 234 P Iamb P 06 28 56.2
KAPI Kappang 42.83 275 P Iamb P 06 29 27.9 -0.6
06 29 29.6
comp=Z,18nm,1.1s
TBP Tagbiliran 43.45 287 P P 06 29 26.8 -1.0
NWAR Narrows (SRO) 46.66 235 P P 06 29 57.8 -1.2
comp=Z,2.6nm,0.2s,baz=36,slow=8.7,SNR=9.6

NWAR Narrogin (SRO) 46.66 235 P P 06 29 57.9 -0.9
06 30 00.3
comp=Z,19nm,1.4s
NWAR Narrogin (SRO) 46.66 235 P Iamb P 06 29 57.9 -0.9
06 30 00.3
comp=Z,32nm,1.5s
LQP Lukban 47.97 301eP P P 06 30 02.2 -7.2
KSRs Korea Array 58.52 328 P P 06 31 26.9 +0.4
comp=Z,1.5nm,0.8s,baz=135,slow=6.6,SNR=7.2
USA0B Ussuriysk Arr 61.98 336 P P P 06 31 48.6 -1.4
USRK Ussuriysk Arr 61.98 336 P P P 06 31 50.9 +0.9
comp=Z,9.4nm,1.0s,baz=147,slow=5.8,SNR=14
VNDA Vanda 66.05 180 P P 06 32 18.6 +2.4
comp=Z,1.3nm,0.9s,baz=322,slow=4.5,SNR=4.0
CMAR Chiang Mai Arr 69.43 295 P P P 06 32 38.6 -0.1
comp=Z,0.8nm,0.3s,baz=103,slow=9.9,SNR=6.1
SONM Songino Array 77.19 325 P P P 06 33 24.9 +1.0
HDA Harding Lake 84.66 20 P P P 06 34 03.9 +0.7
06 34 04.3
comp=Z,6.7nm,1.0s
ILAR Eielson Array 84.92 19 P P 06 34 04.2 -0.2
comp=Z,0.4nm,0.8s,baz=249,slow=7.6,SNR=3.0
Mina Array Bea 88.68 50 P P P 06 34 25.1 +1.5
comp=Z,0.8nm,0.8s,baz=233,slow=4.6,SNR=8.8
SYO Syowa Base 90.46 198ePcP P P 06 34 33.0 +0.8
MK31 Makanchi Array 91.71 317 P P 06 34 37.4 0.0
MKAR Makanchi Array 91.70 317 P P 06 34 37.4 +0.1
comp=Z,2.1nm,0.7s,baz=253,slow=6.1,SNR=20
YKA Yellowknife Arr 96.78 28 P P 06 34 58.8 -1.4
LPAZ La Paz 122.78 118 PKP PKPbc 06 40 28.0 +0.4
comp=Z,0.9nm,0.9s,baz=76,slow=2.2,SNR=3.5
AKASA Malin Array Be 125.63 325 PKP PKPpdf 06 40 29.9 -0.8
comp=Z,0.2nm,0.3s,baz=60,slow=1.7,SNR=4.8
NOA NORARS Array B 126.25 343 PKP PKPbc 06 40 32.9 +0.4
comp=Z,0.4nm,0.8s,baz=39,slow=2.2,SNR=2.9
KEST Kesra 145.77 319 PKPbc PKPbc 06 41 08.3 -0.6
comp=Z,4.7nm,0.9s,baz=232,slow=9.6,SNR=7.4
ESDC Sonseca Array 149.47 339 PKPbc PKPbc 06 41 20.7 +0.2
comp=Z,0.7nm,0.9s,baz=338,slow=3.2,SNR=5.7

IDC 21 06:25:53.4;0.6,11.31S;162.48E,h0km,mb4.2/14,
mb1.4/4/16,mb1mx4.3/34,mtbtp4.3/16,ML4.1/2,MS3.8/1,
Ms1.3.8/1,ms1mx2.9/37,Error ellipse: s-maj=21.2km
s-min=17.3km az=97.0
NEIC 21 06:25:54.6;2.1,11.41S;0.09:162.6E:0.1,h10km,1km,
mb4.8/16,Error ellipse: s-maj=22.3km s-min=11.0km
az=56.0

ISC 21 06:25:58.8;0.5,11.46S;0.07:162.57E:0.08,h39km,n49,
o1511I4,mb4.4/20,Bougainville-Solomon Islands
region

Code Station Name Az AZZ Phase ID Time Res
ISC h m s ISC
HNR Honiara 3.27 308 Pn Pn 06 26 48.0 +0.4
51nm,0.3s,baz=32,slow=3.4,SNR=8.7
HNR Honiara 57nm,0.3s,baz=190,slow=18,SNR=2.5
HNR Honiara 3.27 308 Pn Pn 06 26 46.8 -0.7
HNR Honiara 3.27 308 Pn Pn 06 27 24.9 -0.3
DZM Mont Dzumac 11.19 161 Pn Pn 06 28 36.4 +0.1
0.7nm,0.3s,baz=351,slow=7.7,SNR=18
DZM Mont Dzumac 11.19 161 Pn Pn 06 30 35.3 -4.8
0.3nm,0.3s,baz=86,slow=23,SNR=1.5
DZM Mont Dzumac 11.19 161 LR LR 06 32 15.3
comp=Z,4.78nm,18.4s,baz=22,slow=34
DZM Mont Dzumac 11.19 161 P P 06 28 36.2 0.0
EIDS Eidsvold 17.59 217 P P 06 30 05.4 +1.1
CTA Charters Tower 17.88 239 P P 06 30 05.8 +0.8
0.7nm,0.3s,baz=68,slow=16,SNR=7.5
CTA Charters Tower 17.88 239 P P 06 30 06.5 +1.6
COEN Coen 19.08 260 P Pn Pn 06 30 19.4 +0.2
06 30 22.2
comp=Z,33nm,0.8s
WRA Warrungga Arr 28.42 249 P P 06 31 48.9 -1.1
comp=Z,1.4nm,0.3s,baz=79,slow=9.1,SNR=4.9
AS31 Alice Springs 29.83 242 P P 06 32 01.9 -0.7
ASAR Alice Springs 29.83 242 P P 06 32 01.8 -0.8
comp=Z,3.0nm,0.7s,baz=66,slow=9.9,SNR=31
ASAR 29.83 242 P P 06 35 06.2 +0.9
comp=Z,0.7nm,1.0s,baz=79,slow=2.7,SNR=4.2
H1S2 WAKE ISLAND Hy 30.04 8 T T 07 03 35.0
baz=188,slow=76,SNR=9
H1S3 WAKE ISLAND Hy 30.04 8 T T 07 03 35.2
baz=188,slow=76,SNR=10
H1S1 WAKE ISLAND Hy 30.05 8 T T 07 03 35.4
baz=188,slow=76,SNR=6
BKZ Black Stump Fm 30.25 158 P P 07 05 06.9 +0.9
H1N1 WAKE ISLAND Hy 31.27 8 T T 07 03 07.6
baz=188,slow=76,SNR=6
H1N2 WAKE ISLAND Hy 31.28 8 T T 07 05 08.6
baz=188,slow=76,SNR=5.1
BBOO Buecklebo 32.31 225 P P 06 32 24.5 +0.3
RPZ Rata Peaks 32.97 169 P P 06 32 31.2 +1.3
comp=Z,5.1nm,0.5s,baz=32,slow=7.9,SNR=1.8
RPZ Rata Peaks 32.97 169 P P 06 32 31.1 +1.3
KNRA Kununurra 33.10 259 P Iamb P 06 32 30.9 -0.8
06 33 05.8
comp=Z,14nm,0.9s
FITZ Fitzroy Crossi 36.26 255 P P 06 32 57.5 -1.1
comp=Z,1.7nm,0.5s,baz=98,slow=8.0,SNR=6.6
FITZ Fitzroy Crossi 36.26 255 P P 06 32 58.0 -0.6
06 33 30.1
comp=Z,9.9nm,1.3s
KAPI Kappang 42.82 275 P Iamb P 06 33 53.0 -0.3
06 33 54.6
comp=Z,53nm,1.7s
MJAR Matsushiro Arr 52.74 336 P P 06 35 10.3 -1.2
comp=Z,1.1nm,0.5s,baz=163,slow=8.1,SNR=2.1
KSRs Korea Array 58.51 328 P P 06 35 49.9 -1.3
comp=Z,1.5nm,0.8s,baz=146,slow=6.8,SNR=6.7
USA0B Ussuriysk Arr 61.97 336 P P P 06 36 15.3 +0.5
USRK Ussuriysk Arr 61.97 336 P P P 06 36 14.8 0.0
comp=Z,9.6nm,1.0s,baz=152,slow=6.0,SNR=13
VNDA Vanda 66.05 180 P P 06 36 43.7 +2.5
comp=Z,0.9nm,0.8s,baz=337,slow=8.0,SNR=3.2
CMAR Chiang Mai Arr 69.43 295 P P P 06 37 03.2 -0.3
comp=Z,0.7nm,0.9s,baz=115,slow=6.7,SNR=4.4
ULN Ulanbaatar 78.63 325 P Iamb P 06 37 47.0 +0.2
06 37 48.2
comp=Z,9.2nm,1.1s
SONM Songino Array 77.19 325 P P 06 37 49.2 +0.5
comp=Z,3.7nm,0.8s,baz=136,slow=6.1,SNR=12
BILL Bilibino 79.33 1 P Iamb P 06 37 59.9 -0.1
06 38 01.0
comp=Z,13nm,1.1s
MLY Manley 83.88 18 P Iamb P 06 38 24.0 -0.2
06 39 03.4
comp=Z,8.9nm,1.5s
HDA Harding Lake 84.66 20 P P 06 38 28.2 +0.1
06 38 28.8
comp=Z,4.8nm,0.8s
ILAR Eielson Array 8

21d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Saint Thomas, Canovanas, Guaynabo City, Monte Pirata, etc.

IDC 21 06:32:27.3-7.1, 6.41S-154.33E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.6/44, mbtmp3.6/3, Error ellipse: s-maj=154.4km s-min=44.4km az=97.0, Bougainville-Solomon Islands region

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

IDC 21 06:32:34.1±0.5, 6.61S-154.65E, h0km, mb4.3/19, mb1 4.5/22, mb1mx4.3/45, mbtmp4.3/22, ML4.3/2, MS3.8/3, Ms1 3.8/3, ms1mx3.2/28, Error ellipse: s-maj=17.1km s-min=14.8km az=114.0, NEIC 21 06:32:39.6±1.9, 6.62S-154.59E±0.07, h35km±1km, mb4.7/36, Error ellipse: s-maj=13.8km s-min=11.2km az=36.0, GCMT 21 06:32:40.6±0.3, 6.92S-154.62E±0.04, h28km, MWS:0.71, Moment Tensor Solution. s30c32: s71c91; Duration: 0 Moment tensor: Scale 10^16Nm; Mw3.77±.24; Msr-0.70±.14; Msr-1.51±.14; Msr1.36±.20; Msr0.97±.08; Msr-0.70±.23; Best double couple: M3.677000±0.10; NP1=306.00000°, s33.00000°, A94.00000°. NP2: 0=122.00000°, s87.00000°, A88.00000°. Principal axes: T 4.1050, Plg78.0000°, Azm24.0000°; N -0.8550, Plg2.0000°, Azm123.0000°; P -3.2500, Plg12.0000°, Azm213.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 21 06:32:41.0±0.3, 6.84S-154.61E±0.05, h48km, n112, s135S/111, mb4.6/42, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Rabaul, Keravat, Honiara, Port Moresby, Warramunga Arr, Tennant Creek, Warramunga Arr, etc.

21d APR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Black Stump Fm, Tuohouse, Tuamarina, Moikau Station, Lake Taylor, etc.

1572

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like mb1 4.0/6, mb1mx3.7/48, mbtmp3.8/6, ML3.2/1, Error ellipse: s-maj=44.5km s-min=32.3km az=111.0, NEIC 21 06:39:29.1±1.8, 11.27S-162.63E±0.08, h10km±1km, mb4.5/5, Error ellipse: s-maj=14.2km s-min=13.4km az=117.0, IDC 21 06:39:33.1±0.8, 11.3S-162.6E±0.1, h39km, n20, s087/16, mb4.0/8, Bougainville-Solomon Islands region

IDC 21 06:40:56.0±0.7, 11.47S-161.89E, h0km, mb4.2/17, mb1 4.3/19, mb1mx4.2/49, mbtmp4.1/19, ML3.8/2, MS3.7/4, Ms1 3.7/4, ms1mx3.3/26, Error ellipse: s-maj=20.4km s-min=18.1km az=115.0, NEIC 21 06:40:59.0±1.6, 11.59S-161.9E±0.1, h18km±2km, mb4.7/19, Error ellipse: s-maj=18.3km s-min=8.9km az=58.0, IDC 21 06:40:58.0±0.5, 11.53S-161.96E±0.09, h10km, n60, s118/59, mb4.4/27, MS3.7/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Honiara, Mont Dzumac, Warramunga Arr, Rabaul, Eidsvold, Charters Tower, etc.

NEIC 21 07:10:38.9, 1.9, 20.21S; 0103.70, 91W, 0.05, h16km, 5km, Mw4.0/4.2, Error ellipse: s-maj=6.5km s-min=3.7km az=99.0

NEIC 21 07:10:38.8, 20.21S; 70.91W, h16km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr: 0.0; Mss: 0.0; Mtt: 0.0; Mss: 0.0; Mtt: 0.0; Mrr: 0.0; Mss: 0.0; Mtt: 0.0; Mrr: 0.0; Mss: 0.0; Mtt: 0.0

NEIC 21 07:10:38.2, 1.7, 20.22S; 0103.70, 92W, 0.06, h13km, 1.0km, n46, c195/64, MS2.9/4.3C, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for various events.

NEIC 21 07:14:44.9, 1.6, 61.78S; 0101.155, 4E, 0.4, h13km, 4km, mb4.6/4.7, Error ellipse: s-maj=25.9km s-min=14.2km az=96.0

ICD 21 07:14:45.3, 2.3, 61.53S; 155.21E, h0km, mb4.1/4, mb1.4, 0.34, mb1mx4.034, mbtmp4.1/4, MS3.9/1.1, M1 3.9/1.1, ms1mx3.8/2.1, Error ellipse: s-maj=135.3km s-min=27.8km az=77.0

GCMT 21 07:14:46.9, 0.4, 61.78S; 0102.154, 25E, 0.05, h12km, MW4.9/7.5, Moment Tensor Solution. s12, c12: s75, c95; Duration: 0 Moment tensor: Scale 10^19Nm; Mrr: 0.11; Mss: 1.43; Mtt: 1.32; 1.1; Mss: 2.06; 2.7; Mtt: 1.45; 0.8; Mrr: 1.13; 2.9; Best double couple: M2.7910, 0.1016 NP1: 239.00000, 851.00000, 1.70.00000. NP2: 335.00000, 882.00000, 1.40.00000. Principal axes: T 3.5510, P1g33.0000, Azm205.0000; N -1.5210, P1g50.0000, Azm344.0000; P -2.0300, P1g21.0000, Azm101.0000. s12 refers to body waves, cutoff=40s. n12a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 07:14:45.1-0.7, 61.74S; 0109.155, 3E, 0.2, h10km, n44, c122/28, mb4.3/9, MS4.0/1.0, Baileny Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for various events.

Table with columns: MLZ, Iamb, Iamb, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for various events.

TAP 21 07:16:50.4, 24.55N, 121.79E, h8km, ML1.6, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for various events.

INET 21 07:20:09.7, 11.66N, 88.71W, h70km, ML4.2, Off coast of central America

ICD 21 07:23:14.1, 1.5, 7.11S; 154.99E, h0km, mb3.6/3, mb1.4, 0.4, mb1mx3.7/2.8, mbtmp3.7/4, ML4.0/1, Error ellipse: s-maj=38.1km s-min=32.5km az=121.0

NEIC 21 07:23:21.2, 0.7, 7.25S; 0115.49E, 0.1, h41km, n14, c18/33, mb4.1/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for various events.

Table with columns: WRA, MSVF, ASAR, FITZ, QSPA, VRRD, NVAR, TORD. Lists seismic stations and their recorded data for various events.

ICD 21 07:23:21.9, 0.9, 13.86S; 23.36E, h0km, mb3.6/5, mb1.4, 0.12, mb1mx3.8/4.4, mbtmp4.0/12, ML4.1/5, MS3.3/5, M1 3.3/5, ms1mx2.9/3.6, Error ellipse: s-maj=24.6km s-min=14.6km az=73.0

NEIC 21 07:23:22.9, 2.8, 13.93S; 0109.23, 36E, 0.08, h10km, 1km, mb4.6/8, Error ellipse: s-maj=15.6km s-min=12.1km az=159.0

BUL 21 07:23:39.1, 2.5, 14.79S; 24.04E, h10km, 99km, ISC 21 07:23:22.9, 0.6, 13.96S; 0105.23, 34E, 0.06, h10km, n32, c258/40, mb4.0/1.0, Zambia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations and their recorded data for various events.

ISC 21 07:46:53.0-0.6,42.50N,0.03-143.67E,0.03,h79km,5km,
n216,1814/233,m4.6/83,7C-18D,Hokkaido region

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

Table with columns: HHC, YHNB, YHNB, NACB, NACB, ULN, ULN, SONM, BILL, BILIBINO, TLY, GUM, ATKA, H11N2, H11N1, H11N3, WAKE, WAKE, H11S1, H11S2, LZH, LZH, LZH, GYA, GYA, AKUT, ANM, ANM, FALS, NRIK, NRIK, ZAAO, ZAAO, ZALV, ZALV, TTA, WMO, WMO, WMO, PPLA, PPLA, KDAK, KDAK, KDAK, KTH, KTH, MLY, MLY, CNPM, SUA, SUA, COLD, TRF, BRLK, TOLK, TOLK, MK31, MKAR, BWN, NEA, NEA, MAZK, RND, RND, PMR, PMR, GHO, GHO, WRH, WRH, COLA, KNK, KNK, CCB, SML, SML, DMY, DMY, ILAR, ILAR, HDA, HDA, SCM, KURK, KURK, KURK, PRP, PRP, FYU, FYU, SUJI, SUJI, FID, FID, HIN, HIN, CMAR, CMAR, EYAK, EYAK, EYAK, MENT, MENT, MCARA, CROM, CROM, TGL, TGL, TGL, EGAK, EGAK, EGAK, BARN, BARN, DAW, DAW, EPYK, EPYK, EPYK, BRVK, BRVK, BRVK, INK, INK, INK.

Table with columns: INK, INK, HYT, KSH, KSH, KSH, KSH, C36M, C36M, KK31, KKAR, DLBC, DLBC, ARU, SPAO, SPAO, SPITS, PSI, PSI, MTN, RES, RES, YKA, YKA, KEV, KNRA, ARCES, KLMR, KLMR, WRA, WRA, OBN, FINES, SUMG, SUMG, SUMG, YBH, YBH, YBH, ASAR, ASAR, FFC, FFC, FFC, KIV, KIBZ, NC405, NC405, NC303, NC303, NC204, NC204, NB201, NB201, NB2, NOA, NB000, NVAR, AKASA, PDAR, PDAR, PDAR, SORM, ULM, ULM, ULM, BUR08, BURAR, BIZ, VRI, TRPA, BRTR, MORC, MORC, VOIR, CLL, CLL, EYMN, EYMN, SIRR, KHC, KHC, CONA, GERES, SCHO, SCHO, SOKA, SOKA, WATA, WATA, MOTI, RETA, FETA, NRCA, NRCA, TX31, TX32, TXAR, SNA, VNA2, VNA1, WEL 21 07:49:58.6,40.65E,0.8:175.9E,0.3,h32km,1km,M3.5/90,ML3.9/10,MLV3.5/90,Error ellipse: s-maj=0.0km s-min=0.0km az=95.8,North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like MRZ, BFZ, DVHZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like KASI, DBJI, LBLI, etc.

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

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

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

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

21d 9h

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like N59A State Game Lan, MORC Moravsky Berou, KRLC Kraliky, etc.

2014 APR

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like LPAZ La Paz, BNI Bardonecchia, CLTB Callabellotta, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like NACB Ninganchiao, EOS1 EOS1, ENT1 Nioudou, etc.

Table with columns: WHIP, National Centr, Zongli, YMO8, YMO8, YMO3, ANP, ANP, NTST, SBCB, SBCB, HSN, HSN, VWDT, VWDT, DPDB, DPDB, TWY, TWY, NMLH, NMLH, NMLH, TWQ1, TWQ1, HGSJ, HGSJ, NSY, NSY, SMLT, SMLT, EHY, EHY, EHY, SSSL, SSSL, TYC, TYC, TYC, JYNG, JYNG, PTBS, PTBS, TCU, TCU, WDJ, WDJ, WDJ, YOJ, YOJ, YOJ, YULB, YULB, WHYT, WHYT, TWF1, TWF1, TWF1, WJS, WJS, WJS, WNT, WNT, WCHH, WCHH, YUS, YUS, PCYT, PCYT, ALS, ALS, FULB, FULB, CHNS, CHNS, CHNS, WGT, WGT, WDLH, WDLH, WDLH, ELDTW, ELDTW, RLNB, RLNB, RLNB, CHN2, CHN2, CHN4, CHN4, TPUB, TPUB, CHY, CHY, STYT, STYT, WTP, WTP, TWK, TWK, TWK

Table with columns: SNST, CHN1, CHN1, TWH, TWH, TWG, TWG, TWGBT, TWGBT, SGST, SGST, IRIF, IRIF, IRIF, SLGT, SLGT, HATJ, HATJ, SSD, SSD, JKRS, JKRS, TWMT, TWMT, MASBT, MASBT, MASBT, MASBT, JJJ, JJJ, PTTC, PTTC, EAST, EAST, PNG, PNG, PHUB, PHUB, VWUC, VWUC, JISG, JISG, WDTG, WDTG, SCZT, SCZT, MATB, MATB, VCHM, VCHM, PTMZ, PTMZ, XPSS, XPSS, MHZO, MHZO, KNM, KNM, KNMB, KNMB, JMJ, JMJ, AXDP, AXDP, ZPLA, ZPLA, IDC 21 09:49:59.0, IDC 21 09:50:04.7, Code Station Name, KRVT, KRVT, WRA, WRA, ASAR, ASAR, MKAR, MKAR, NVAR, NVAR, YKA, YKA, TORD, TORD, TORD, NNC 21 09:56:45.1, Code Station Name, ZAAO, ZAAO, ZAAO, KURK, KURK, KURB, KURB, KURBB, KURBB, IDC 21 09:57:56.1, Code Station Name, KRVT, KRVT, WRA, WRA, ASAR, ASAR, PETK, PETK, MKAR, MKAR, YKA, YKA, IDC 21 10:28:22.8, Code Station Name, KRVT, KRVT, GUMO, GUMO, ERM, ERM, WB0, WB0, WRO, WRO, WRAB, WRAB, WBE2, WBE2, WRA, WRA

Table with columns: FITZ, FITZ, AS31, AS31, MKAR, MKAR, BPAW, BPAW, MLY, MLY, ILAR, ILAR, DAWY, DAWY, YKA, YKA, NVAR, NVAR, FINES, FINES, IDC 21 10:29:18.5, IDC 21 10:29:22.0, Code Station Name, SMY, SMY, BKI, BKI, KBTR, KBTR, SPN, SPN, TUMD, TUMD, KZV, KZV, KZV, BZGR, BZGR, CIRR, CIRR, TJMR, TJMR, BZWR, BZWR, KMNR, KMNR, SDR, SDR, SMAR, SMAR, DALK, DALK, AVH, AVH, KRX, KRX, RUS, RUS, RUS, MUTV, MUTV, KMRM, KMRM, GRL, GRL, ESO, ESO, KDTR, KDTR, ASAK, ASAK, ASAK, PETK, PETK, MA2, MA2, MA2, SEY, SEY, SEY, KEAK, KEAK, ILAR, ILAR, TIXI, TIXI, TIXI, H1N2, H1N2, H1N3, H1N3, H1N1, H1N1, H1S1, H1S1, H1S3, H1S3, H1S2, H1S2, YKA, YKA, GDXM, GDXM, NVAR, NVAR, PDAR, PDAR, TX31, TX31, TX32, TX32, TXAR, TXAR, ASAR, ASAR, WEL 21 10:47:51.2, Code Station Name, WMGZ, WMGZ, HAZ, HAZ, PKGZ, PKGZ, PUK, PUK, RUGZ, RUGZ, RUGZ, OPRZ, OPRZ, TKGZ, TKGZ, URZ, URZ, MUGZ, MUGZ, SNZG, SNZG, KNZ, KNZ, MRHZ, MRHZ, BKZ, BKZ, KAHZ, KAHZ, IDC 21 10:49:01.7, Code Station Name, PSCG, PSCG, PSCG, TA02, TA02, TA02, PB11, PB11

21d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB11, TA01, PATCX, MIMC, GO01, etc.

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
GUM0 Guam 5.51 59 Op P 10 56 00.0 -1.2
JAY Jayapura 13.21 175 LR 10 57 47.3 -0.4

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
WBO Warramunga Arr 30.84 190 Iamb I 10 50 54.9 -0.3
WRAB Warramunga Arr 31.02 190 P 10 50 57.2 +0.5
WRA Warramunga Arr 31.02 190 P 10 50 57.0 +0.3

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
CMAR Chiang Mai Arr 40.40 286 P 10 22 16.6 -0.7
SONM Songino Array 46.49 329 P 10 03 06.5 +0.4
MK31 Makanchi Array 60.30 318 Iamb I 10 04 47.3 -0.1

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
ILAR Eielson Array 73.13 25 P 10 06 07.7 -1.1
YKA Yellowknife Arr 87.51 27 P 10 07 24.3 -1.8
NVAR Mina Array Bea 92.37 50 P 10 07 51.3 +1.6

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
KRVT Rabaul (AS076) 3.84 306 Pn Pn 10 58 23.3 +3.2
KRVT 2.8nm,0.3s,baz=30,slow=21,SNR=1.4 Sn 10 59 01.6 -2.9

2014 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRO, WBO, WRAB, WB2, WRA, ASAR, FITZ, etc.

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
URZ Urewera 6.28 197 Op P 11 02 12.2 +0.9
ASAR Alice Springs 40.87 270 P 11 07 34.0 +0.4
WRA Warramunga Arr 42.03 276 P 11 07 42.4 -0.5

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
SOCY Socotra 3.91 277 Op P 11 18 32.4 -5.1
DMTO DMTO 6.61 334 Sn P 11 19 28.5 -0.5
MHTO MHTO 9.19 0 P Pn 11 20 02.0 -2.5

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
WRA Warramunga Arr 81.47 112 P 11 30 10.7 +1.2
WRAB Warramunga Arr 81.48 112 P 11 30 10.2 +0.6
ASAR Alice Springs 82.11 116 P 11 30 13.7 +0.8

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
RAYN Ar Rayn 16.66 316 Pn P 11 21 45.5 +0.1
HRA Hara 22.9 9 P 11 22 55.3 +0.3
KMB0 Kilima Mboyo 24.22 239 P 11 23 12.0 +3.0

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
ALIBeck ALIBeck Array 26.08 0 P 11 23 25.8 +0.4
GAY0B ALIBeck Array 26.08 0 Iamb I 11 23 25.9 +0.6
EIL Eila 27.85 313 LR 11 33 53.3

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
ILGA Ilgaz 36.13 328 P 11 24 53.1 -1.1
IDI Anoyia 38.03 314 P 11 25 10.5 +0.4
IDI Anoyia 38.03 314 P 11 25 10.2 +0.1

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR, CHTO, MAK2, MKAR, etc.

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
MOA Molin 51.21 323 I P 11 26 53.2 -2.0
XAN Xan 51.33 56 P 11 26 55.6 -0.7
ABTA Abtaltersbach 51.73 321 I P 11 26 55.3 -3.8

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
SONM Songino Array 54.05 39 P 11 27 15.6 -0.7
FINES FINESS Array 54.77 342 P 11 27 19.3 -1.8
TORD Torodi Arr. Bea 54.86 278 P 11 27 23.5 +0.9

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
WRA Warramunga Arr 81.47 112 P 11 30 10.7 +1.2
WRAB Warramunga Arr 81.48 112 P 11 30 10.2 +0.6
ASAR Alice Springs 82.11 116 P 11 30 13.7 +0.8

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
RABL Rabaul 3.05 312 Op Pn 11 28 51.6 +0.3
KRVT Keravat (AS076) 3.08 309 Pn Pn 11 28 14.9 -1.4
KRVT 491nm,0.3s,baz=102,slow=23,SNR=12 Sn 11 27 43.0

Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
CTA Charters Tower 15.89 209 Pn Pn 11 29 09.4 -0.6
CTA 0.2nm,0.3s,baz=25,slow=14,SNR=3.5 LR 11 35 00.0

21d 12h

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like M04C Macdoel, J04D Umpqua Nationa, A04M Forest Hills D, etc.

2014 APR

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JFW5 Jewell Farm, FINES FINESS Array B, AKASO Alam Array Be, etc.

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Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SUA Suisuna One, RCO1 Rabbit Creek A, SKT Skwentna, etc.

PD31	Pinedale Array	43.63	75	P	P	13 04 34.0	+0.2
PDAR	Pinedale Array	43.63	75	P	P	13 04 33.7	-0.2
comp=Z,0.3nm,0.4s,baz=320,slow=6.2,SNR=4.1							
TULEG	Thule	44.19	19	P	P	13 04 37.7	+0.1
SONMI	Songino Array	49.20	299	P	P	13 05 17.6	+0.3
comp=Z,0.8nm,0.6s,baz=56,slow=8.8,SNR=4.2							
HHC	Hu-ho-hao-te	50.42	289	P	P	13 05 25.8	-0.9
HHC					pmax		
comp=Z,9.0nm,0.7s							
HHC					pmax		
comp=Z,56nm,6.5s							
TX31	Lajitas Ar. Si	55.87	84	P	P	13 06 08.1	+1.1
TXAR	Lajitas Array	55.87	84	P	P	13 06 06.6	-0.3
comp=Z,0.2nm,0.7s,baz=300,slow=6.1,SNR=2.6							
ARCES	ARCESS Array B	58.64	352	P	P	13 06 24.9	-1.0
comp=Z,1.8nm,0.7s,baz=26,slow=8.7,SNR=5.5							
KURK	Kurchatov	61.11	316	P	P	13 06 43.0	0.0
KURK					IAMB		
comp=Z,1.3nm,0.6s							
WMQ	Urumsji	61.74	306	eP	P	13 06 50.0	+2.4
MK31	Makanchi Array	62.28	311	P	P	13 06 50.5	-0.5
MK31					IAMB		
comp=Z,2.4nm,1.4s							
MKAR	Makanchi Array	62.28	311	P	P	13 06 50.2	-0.9
comp=Z,0.4nm,0.3s,baz=46,slow=5.5,SNR=10							
TKL	Tuckaleechee C	63.46	66	LR	LR	13 03 34.9	
comp=Z,5.1nm,18.5s,baz=110,slow=35							
FINES	FINES Array B	66.47	349	P	P	13 07 17.0	-1.2
comp=Z,0.8nm,0.8s,baz=16,slow=11,SNR=2.0							
NOA	NORSAR Array B	67.96	357	P	P	13 07 26.4	-1.4
comp=Z,0.6nm,0.8s,baz=5.4,slow=6.5,SNR=3.1							
HFS	Hagfors	68.77	356	P	P	13 07 32.0	-0.8
comp=Z,1.2nm,0.6s,baz=101,slow=1.5,SNR=6.9							
AKT	Aktobinsk	69.36	327	P	P	13 07 36.2	-0.4
comp=Z,1.5nm,0.6s,baz=60,slow=6.6,SNR=5.0							
OBN	Obninsk	70.92	342	P	P	13 07 45.8	-0.3
comp=Z,0.8nm,0.4s,baz=173,slow=23,SNR=3.3							
CMAR	Chiang Mai Arr	73.83	279	P	P	13 08 04.8	+0.8
comp=Z,0.3nm,0.3s,baz=34,slow=6.8,SNR=4.2							
GAR	Garm	73.88	313	P	P	13 08 04.4	+0.3
AKASG	Malin Array Be	76.46	345	P	P	13 08 17.5	-1.1
comp=Z,0.8nm,0.7s,baz=16,slow=5.5,SNR=2.1							
BUR08	Bucovina Ar. S	80.06	347	IAMB	IAMB	13 08 36.9	-1.8
BUR08					IAMB		
comp=Z,1.5nm,0.6s							
ASAR	Alice Springs	87.38	226	P	P	13 09 17.1	+0.8
comp=Z,0.4nm,0.3s,baz=18,slow=5.1,SNR=4.5							
ESDC	Sonsecra Array	89.05	7	P	P	13 09 23.8	-0.5
comp=Z,0.5nm,0.8s,baz=345,slow=5.9,SNR=2.8							

HLW 21 13:05:53.0, 35.64N, 30.97E, h5km, 16km, Md4.0, M14.2
 DDA 21 13:05:54.7, 35.40N, 31.58E, h58km, 7km, MW4.0
 ISK 21 13:05:56.1, 35.55N, 31.59E, h29km, ML3.9/5
 NEIC 21 13:05:56.8, 1.9, 35.48N, 0.07, 31.60E, 0.06, h63km, 8km,
 mb4, 4/4, Error ellipse: s-maj=10.5km s-min=6.6km
 az=201.0
 IDC 21 13:05:56.2, 1.3, 35.53N, 31.42E, h60km, 15km, mb3.5/13,
 mb1 3.6/19, mb1mx3.4/50, mbtmp3.8/19, MS3.4/1,
 Ms1 3.4/1, ms1mx2.3/48, Error ellipse: s-maj=16.9km
 s-min=10.3km az=26.0
 NIC 21 13:05:57.0, 0.0, 35.58N, 31.64E, h31km, 1km, M14.0/9
 GII 21 13:05:59.6, 0.0, 35.30N, 31.69E, h30km, MD3.4/7,
 Mm3.7/3
 THE 21 13:06:04.0, 35.61N, 30.83E, h1km, 2km, ML3.6/4, Error
 ellipse: s-maj=7.3km s-min=0.9km az=14.0
 ISC 21 13:05:56.1, 0.2, 35.48N, 0.2, 31.55E, 0.02, h55km, 8km,
 n201, 0.1877/272, mb3.7/15, 13C-8D, Cyprus region

Code	Station Name	Δ ^x	Δ ^y	AZ ^z	Phase ID	Time	Res
						h m s	ISC
AKMS	Akamias	0.79	126	P	P	13 06 11.9	+0.7
AKMS					S	13 06 23.7	+1.4
AKMS					AML	13 06 29.4	
AKMS					AML	13 06 29.4	
AKMS					AML	13 06 30.9	
AKMS					AML	13 06 30.9	
ALFC	Alfeka	0.92	110	eP	P	13 06 13.0	+0.1
ALFC					S	13 06 25.8	+0.6
ALFC					AML	13 06 31.4	
ALFC					AML	13 06 31.4	
ALFC					AML	13 06 34.2	
ALFC					AML	13 06 34.2	
GAZI	Gazipasa	0.97	39	PG	P	13 06 12.3	-1.3
GAZI	Gazipasa	0.97	39	IP	P	13 06 12.3	-1.3
GAZI					S	13 06 23.3	-3.3
GAZI					IAML	13 06 26.0	
comp=E,4um,0.4s							
GAZI					IAML	13 06 26.0	
comp=N,2um,0.3s							
NATA	Nata	1.09	130	IP	P	13 06 16.7	+1.5
NATA					S	13 06 31.9	+2.6
NATA					AML	13 06 41.6	
comp=N,48nm,0.8s							
NATA					AML	13 06 41.6	
comp=N,48nm,0.8s							
NATA					AML	13 06 41.8	
comp=N,38nm,0.5s							
NATA					AML	13 06 41.8	
ALAN	Alanya-ANTALYA	1.14	20	PG	P	13 06 15.1	-0.7
ALAN					SG	13 06 29.3	-1.2
LEF	Lefka	1.15	108	PN	P	13 06 15.8	-0.2
LEF					IP	13 06 15.7	-0.3
LEF					S	13 06 29.1	-1.6
LEF					IAML	13 06 36.0	
comp=N,926nm,0.6s							
LEF					IAML	13 06 44.0	
AKDN	Akdeniz- Kibri	1.17	99	PN	P	13 06 17.2	+1.0
AKDN					SN	13 06 32.2	+1.0
SZAC	Souni	1.31	123	IP	P	13 06 19.4	+1.3
SZAC					S	13 06 35.9	+1.3
SZAC					AML	13 06 43.0	
comp=E,12nm,0.9s							
SZAC					AML	13 06 43.0	
comp=E,12nm,0.9s							
SZAC					AML	13 06 47.9	
comp=E,13nm,0.5s							
SZAC					AML	13 06 47.9	
comp=E,13nm,0.5s							
BOZY	Bozyazi-Mersin	1.32	61	PN	P	13 06 18.7	+0.6
KEMT	Kemer-ANTALYA	1.38	325	PN	P	13 06 20.1	+1.1
KEPZ	Antalya-KEPZ	1.42	21	IP	P	13 06 19.5	-0.1
KEPZ					S	13 06 36.2	-1.0
KEPZ					IAML	13 06 38.0	
comp=N,994nm,0.8s							
KEPZ					IAML	13 06 38.0	
comp=E,707nm,0.5s							
TEKE	Tekeli-Mersin	1.43	62	PN	P	13 06 19.8	+0.1
DEMRE	Demre-Antalya	1.53	300	PN	P	13 06 21.7	+0.6
ATHAL	Athlassa	1.55	102	IP	P	13 06 21.6	+0.4
ATHAL					S	13 06 41.4	+1.1
ATHAL					AML	13 06 53.3	
comp=E,8.4nm,0.4s							
ATHAL					AML	13 06 53.3	
comp=E,8.4nm,0.4s							
ATHAL					AML	13 07 05.1	
comp=E,8.2nm,0.7s							
ATHAL					AML	13 07 05.1	
comp=E,8.2nm,0.7s							
CSS	Mathiatis	1.55	109	PN	P	13 06 21.6	+0.3
CSS	Mathiatis	1.55	109	Pn	P	13 06 21.5	+0.3
CSS	Mathiatis	1.55	109	P	P	13 06 21.1	-0.2
CSS	Mathiatis	1.55	109	eP	P	13 06 21.2	0.0
CSS					S	13 06 41.4	+1.1
CSS					AML	13 06 55.4	
comp=E,1.2nm,0.5s							
CSS					AML	13 06 55.4	
comp=E,1.2nm,0.5s							
CSS					AML	13 07 04.5	
comp=E,1.3nm,0.7s							
CSS					AML	13 07 04.5	
ASGA	Asgata	1.55	116	IP	P	13 06 22.3	+0.9
ASGA					S	13 06 41.1	+0.7

ASGA	comp=E,7.4nm,0.6s	ASGA	AML	AML	13 06 54.3		
ASGA		ASGA	AML	AML	13 06 54.3		
ASGA		ASGA	AML	AML	13 06 54.4		
ASGA		ASGA	AML	AML	13 06 54.4		
comp=E,5.2nm,0.7s							
ERMK	Ermenek	1.60	43	IP	P	13 06 22.2	0.0
ERMK					S	13 06 43.8	+1.9
ERMK					IAML	13 06 44.0	
comp=N,2um,0.6s							
ERMK					IAML	13 06 44.0	
comp=E,3um,0.6s							
BERE	Berek-Mersin	1.61	57	PN	P	13 06 22.1	-0.2
YORU	Yoru-Mersin	1.65	65	PN	P	13 06 22.9	+0.2
OREN	Orenkoy-Mersin	1.71	64	PN	P	13 06 24.0	+0.5
AKK1	Akkuyu-Mersin	1.75	67	PN	P	13 06 24.4	+0.4
AKAS	Kas	1.75	296	PN	P	13 06 24.7	+0.5
AKAS	Kas	1.75	296	P	P	13 06 24.3	+0.2
AKAS					S	13 07 01.2	+1.6
AKK2	Akkuyu-Mersin	1.75	67	PN	P	13 06 24.3	+0.3
AKKU	Akkuyu-Mersin	1.76	67	PN	P	13 06 24.8	+0.6
GULN	MERSIN_Gulnar	1.76	66	IP	P	13 06 24.1	-0.1
GULN					S	13 06 44.1	-1.5
comp=N,555nm,0.5s							
GULN					IAML	13 06 47.0	
comp=N,486nm,0.8s							
MVOU	Mavrovouni	1.77	105	eP	P	13 06 24.2	-0.1
MVOU					S	13 06 44.4	-1.2
MVOU					AML	13 06 56.0	
comp=E,4.1nm,0.4s							
MVOU					AML	13 06 56.0	
comp=E,4.1nm,0.4s							
MVOU					AML	13 06 59.5	
comp=E,2.4nm,0.4s							
MVOU					AML	13 06 59.5	
comp=E,2.4nm,0.4s							
TEPK	Tepekoy-MERSIN	1.78	65	PN	P	13 06 25.1	+0.6
KORT	Korkueli	1.80	328	PN	P	13 06 25.8	+0.9
TEVE	Tevekkali-Mers	1.81	58	PN	P	13 06 25.2	+0.3
ELL	Elmali	1.83	314	PN	P	13 06 26.4	+1.1
ELL	Elmali	1.83	314	PN	P	13 06 28.6	+3.3
ELL	Elmali	1.83	314	P	S	13 06 28.3	+1.5
ELL	Elmali	1.83	314	S	S	13 06 49.1	+1.6
YESI	Yisilovacik-Me	1.84	67	PN	P	13 06 24.9	-0.4
TISA	Tisan-Mersin	1.86	68	PN	P	13 06 25.8	+0.3
IKL	Isikli	1.89	66	PN	P	13 06 26.5	+0.6
KARG	Kargicak-Mersi	1.90	67	PN	P	13 06 26.7	+0.7
SEYD	Seydisehir-KON	1.93	7	PN	P	13 06 29.3	+1.6
OSCI	CSNet OBS 1	1.99	187	P	S	13 06 29.4	+2.1
OSCI					S	13 06 51.9	+0.8
PARAL	Paralimni	2.09	103	P	S	13 06 30.4	+1.6
PARAL					S	13 06 59.2	+5.6
PARAL					AML	13 07 11.2	
comp=E,5.4nm,0.6s							
PARAL					AML	13 07 11.2	
comp=E,5.4nm,0.6s							
PARAL					AML	13 07 12.7	
comp=E,4.7nm,0.8s							
PARAL					AML	13 07 12.7	
comp=E,4.7nm,0.8s							
SILI	Silik-Mersin	2.12	65	PN	P	13 06 30.2	+1.1
EREN	Erenkoy	2.14	88	PN	P	13 06 30.1	+0.8
EREN	Erenkoy	2.14	88	IP	P	13 06 30.4	
EREN					S	13 06 54.8	+0.1
EREN					IAML	13 07 00.0	
comp=N,622nm,0.4s							
EREN					IAML	13 07 06.0	
comp=E,545nm,0.4s							
SLFK	Silik-Mersin	2.15	64	PN	P	13 06 30.3	+0.9
KRAM	Karaman	2.18	39	PN	P	13 06 31.4	+1.4
FETY	Fethiye	2.31	301	P	S	13 06 33.7	+2.0
FETY					S	13 06 56.5	-2.4
FETY					S	13 06 56.5	-2.4
FETY					IP	13 06 33.5	+1.9
FETY					S	13 07 00.2	+1.3
KIZK	Mersin	2.33	64	PN	P	13 06 33.2	+1.3
KIZK	Mersin	2.33	64	IP	P	13 06 33.7	+1.8
KIZK					S	13 07 00.5	+1.1
KIZK					IAML	13 07 06.0	
comp=E,328nm							

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AEIL, UNIC, COEG, etc.

INMG 21 13:20:42.8±1.6, 36°87'N, 4°22'W, h31km, 9km, ML2.1, Error ellipse: s-maj=3.0km s-min=2.5km az=160.0

SFS 21 13:20:42.0, 36°92'N, 4°25'W, h25km, ML3.8, RIOGORDO (MALAGA)

MDD 21 13:20:42.2±0.6, 36°82'N, 4°18'W, h52km, 6km, mb3.2/20, Error ellipse: s-maj=6.7km s-min=3.0km az=166.0

IGIL 21 13:20:43.1, 36°93'N, 4°25'W, h25km

ISC 21 13:20:41.8±1.1, 36°96'N, 0°03'42'W, h31km±11km, n55, r133/96, 2C-1D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EMAL, ELGU, EMIJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESDC, PVAO, EBAD, etc.

TAP 21 13:29:37.7, 24°50'N, 121°85'E, h17km, ML1.4, C, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWC, ENA, EOSI, etc.

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

IDC 21 13:30:26.4, 1.8, 30°30'N, 67°70'E, h0km, mb3.4/5, mb1 3.5/7, mb1mx3.2/42, mbtmp3.4/7, ML3.3/2, Error ellipse: s-maj=77.2km s-min=26.8km az=96.0

ISC 21 13:30:28.5±1.4, 30°30'N, 67°66.0±0.4, h14km, n8, r0f59/8, mb3.5/6, Pakistan

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

NEIC 21 13:37:10.7±1.6, 20°13'S, 0°09'173.27'W, 0.10, h25km, 4km, mb5.2/92, Error ellipse: s-maj=13.8km s-min=12.4km

BJJ 21 13:37:10.3±0.0, 20°17'S, 173°16'W, h14km, mb5.5/29, mb5.2/40, Ms5.1/28, Ms7.4/8/26

IDC 21 13:37:11.5±0.5, 20°02'S, 173°64'W, h0km, mb4.7/22, mb1 4.8/24, mb1mx4.7/36, mbtmp4.6/24, ML4.5/2, MS4.4/8, Ms1 4.5/8, ms1mx4.1/33, Error ellipse: s-maj=18.1km s-min=13.8km az=130.0

GCMT 21 13:37:16.7±0.2, 20°19'S, 0°03'173.11'W, 0.01, h17km, MW5.0/100, Moment Tensor Solution, s45, c58, s100, c145; Duration: 0 Moment tensor: Scale 10^16Nm; Mn3.98±.19; Mw±0.62±.12; Mb±0.37±.13; Mo±1.48±.34; Mm±1.27±.08; Mv±1.00±.28; Best double couple: Mw±0.202x10^16 Np±0.19000000, 3.36.000000; Principal axes: T 4.4630, P1g74.0000, Azm343.0000; N -0.3300, P1g12.0000, Azm206.0000; P -4.1400, P1g11.0000, Azm114.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 21 13:37:20.4±1.3, 18°98'S, 175°10'W, h13km, mb5.2/28, MS4.6/4, Error ellipse: s-maj=17.6km s-min=10.9km az=133.0

BGR 21 13:37:22.0±0.0, 19°38'S, 174°56'W, h33km

ISC 21 13:37:11.9±0.3, 20°23'S, 0°06'173.21'W, 0.06, h47km, M4.4, s25/5/427, mb5.1/98, MS4.6/20, 58C-8D, Tonga Islands

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

PPT 21 13:29:37.7, 24°50'N, 121°85'E, h17km, ML1.4, C, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWC, ENA, EMIJ, etc.

Table with columns: BRVK, Borovoye, 121.81 321c, PKIKP, PKIKP, 13 56 06.8 +3.1, etc.

Table with columns: TIRR, Tirusor, 149.89 328, PKPab, PKPab, 13 57 04.2 -1.5, etc.

Table with columns: ISC 21 13:39:04.8-1.1, 19:17.9:0.03:70.95W, 0.04, 29km, 6km, n774, r159/771, mb5.3/128, MS5.0/20, 14C-5D, Near coast of northern Chile, Code, Station Name, A, AZ, Phase ID, Time Res, ISC, h, m, s, Res, etc.

P40A	baz=171,SNR=8.0	62.14 342	P	I	13 49 25.4 -0.8
P40A	comp=Z,16nm,0.9s		I	I	13 49 45.4
TRY	comp=Z,27nm,1.0s	62.17 358	P	I	13 49 25.9 -0.4
TRY			I	I	13 49 39.3
M48A	Edgerton	62.20 348	P	P	13 49 27.6 +1.0
M48A	Edgerton	62.20 348	P	I	13 49 26.1 -0.5
M48A			I	I	13 49 33.2
K59A	Cooperstown	62.27 357	P	P	13 49 28.4 +1.3
K58A	Earlville	62.31 356	P	P	13 49 28.7 +1.4
K58A	Earlville	62.31 356	P	P	13 49 26.2 -1.1
K57A	Scipio Center	62.34 355	P	P	13 49 28.7 +1.2
K56A	Middlesex	62.37 355	P	P	13 49 28.5 +0.8
VNA3	Neumayer Olymp	62.38 161	P	P	13 49 29.8 +2.3
K54A	Basliko Farm,	62.41 354	P	P	13 49 29.3 +1.3
K54A	baz=174,SNR=6.1				
L45A	Perry	62.47 354	P	P	13 49 29.8 +1.4
L48A	N Adams	62.59 349	P	P	13 49 29.9 +0.6
VNA1	Neumayer-Stat	62.61 161	P	P	13 49 31.7 +2.7
J60A	Lant Hill Farm	62.68 358	P	P	13 49 31.6 +1.9
P38A	Dawn	62.68 340	P	I	13 49 28.5 -1.4
P38A	comp=Z,12nm,0.6s		I	I	13 49 41.4
J61A	Chester	62.76 359	P	P	13 49 32.2 +1.9
121A	Cookes Peak, D	62.77 325	P	P	13 49 32.4 +1.6
K51A	Iona Station	62.87 351	P	P	13 49 32.2 +1.2
J58A	Remsen	62.88 356	P	P	13 49 32.5 +1.4
J58A	Remsen	62.88 356	P	I	13 49 30.6 -0.5
J58A			I	I	13 49 33.7
N41A	Harden Midland	62.89 343	P	P	13 49 30.8 -0.5
N41A			I	I	13 49 32.3
J56A	Wolcott	62.90 355	P	P	13 49 32.6 +1.4
J56A	Wolcott	62.90 355	P	I	13 49 30.8 -0.4
J56A			I	I	13 49 39.4
J59A	Piesco	62.94 357	P	P	13 49 32.8 +1.3
J59A	Piesco	62.94 357	P	P	13 49 31.1 -0.4
VNA2	Neumayer-Watz	62.97 161	P	P	13 49 33.2 +1.8
J57A	Williamstown	62.97 356	P	P	13 49 33.1 +1.5
J57A	Williamstown	62.97 356	P	P	13 49 31.2 -0.5
J55A	Hilton	62.98 354	P	P	13 49 32.8 +1.1
J55A	Hilton	62.98 354	P	P	13 49 31.3 -0.4
J54A	Appleton	63.06 354	P	P	13 49 33.3 +1.0
H44	Hanover	63.11 359	P	P	13 49 30.9 -1.7
H44			I	I	13 49 51.5
I58A	Old Forge	63.19 357	P	P	13 49 34.5 +1.3
J52A	Paris	63.24 352	P	P	13 49 33.7 +0.1
I59A	Olmsteadville	63.24 358	P	P	13 49 34.5 +1.0
I62A	Tamworth	63.27 360	P	P	13 49 35.2 +1.6
I60A	Shoreham	63.27 358	P	P	13 49 35.1 +1.5
I61A	Oroboro, Fairl	63.33 359	P	P	13 49 35.8 +1.7
K48A	Perry	63.37 349	P	P	13 49 34.1 -0.2
K47A	Vermontville	63.40 348	P	P	13 49 34.7 +0.1
I63A	Otisfield	63.44 0	P	P	13 49 35.3 +0.5
I57A	Carthage	63.48 356	P	P	13 49 35.8 +0.8
PECO	Prince Edward	63.57 355	P	I	13 49 35.0 -0.6
PECO			I	I	13 49 37.8
LBNH	Lisbon	63.64 359	P	pm	13 49 35.9 -0.2
LBNH			pm	pm	
LBNH	Lisbon	63.64 359	P	P	13 49 37.1 +1.0
LBNH	Lisbon	63.64 359	P	P	13 49 35.9 -0.2
LBNH	Lisbon	63.64 359	P	I	13 49 49.3
J49A	Marlette	63.75 350	P	P	13 49 36.8 0.0
J48A	Bridge Port	63.79 350	P	P	13 49 37.4 +0.2
J48A	Bridge Port	63.79 350	P	P	13 49 35.4 -1.8
L42A	Oliver, Polo	63.79 345	P	I	13 49 47.6
L42A			I	I	
I51A	Listowel	63.87 352	P	P	13 49 38.1 +0.5
I55A	Gabriels	63.88 357	P	P	13 49 38.9 +1.2
H58A	Frankford	63.91 355	P	P	13 49 38.6 +0.8
J47A	Summer	63.92 349	P	P	13 49 38.5 +0.6
J47A	Summer	63.92 349	P	I	13 49 36.9 -1.1
J47A			I	I	13 49 48.7
H61A	Lyndonville	63.93 359	P	P	13 49 39.2 +1.1
ANMO	Albuquerque	63.97 328	i	pm	13 49 44.8 +6.1
ANMO			pm	pm	
ANMO	Albuquerque	63.97 328	P	I	13 49 37.4 -1.3
ANMO			I	I	13 49 45.7
H62A	Milan	63.97 360	P	P	13 49 39.5 +1.2
H60A	Morristown	63.97 359	P	P	13 49 39.8 +1.4
I52A	Shelburne	64.02 353	P	P	13 49 39.8 +1.1
H64A	Troy	64.05 1	P	P	13 49 39.8 +1.0
H63A	New Sharon	64.06 1	P	P	13 49 40.2 +1.4
H59A	Cadyville	64.09 358	P	P	13 49 39.9 +0.9
LONY	Lake Ozonia	64.10 357	P	P	13 49 40.2 +1.1
CBKS	Cedar Bluff	64.16 335	P	pm	13 49 38.2 -1.6
CBKS			pm	pm	
CBKS	Cedar Bluff	64.16 335	P	P	13 49 40.4 +0.7
CBKS	Cedar Bluff	64.16 335	P	I	13 49 38.1 -1.6
CBKS			I	I	13 49 51.1
H56A	Elgin	64.17 356	P	P	13 49 40.6 +1.0
H55A	Tweed	64.20 355	P	P	13 49 40.5 +0.8
DELO	Deloro Mine	64.20 355	P	I	13 49 38.8 -1.0
DELO			I	I	13 49 54.0
L40A	Anamosa	64.25 343	P	I	13 49 39.1 -1.1
L40A			I	I	13 49 47.7
H49A	Point Hope	64.26 351	P	P	13 49 40.8 +0.6
H49A	Point Hope	64.26 351	P	P	13 49 39.0 -1.2
H49A	Point Hope	64.26 351	P	P	13 49 42.0 +1.9
FRNY	Flat Rock	64.27 358	P	P	13 49 39.3 -1.0
H53A	Bocbaygeon	64.34 354	P	P	13 49 41.3 +0.5

N35A	Tabor	64.48 339	P	I	13 49 40.8 -1.0
N35A			I	I	13 49 51.7
G60A	Masonville	64.50 359	P	P	13 49 43.8 +2.0
G63A	Kingsbury	64.52 1	P	P	13 49 43.6 +1.7
H52A	Wyevale	64.55 353	P	P	13 49 42.8 +0.7
SNA4	Sanae	64.59 161	P	P	13 49 43.9 +1.7
SNA4	Sanae	64.59 161	i	P	13 49 43.6 +1.4
SNA4	Sanae	64.59 161	P	P	13 49 42.6 +0.5
SADO	Sadowa	64.60 354	P	P	13 49 41.8 -0.6
G57A	Newington	64.60 357	P	P	13 49 43.2 +0.8
G58A	Ormsdown	64.60 358	P	P	13 49 43.3 +0.9
G62A	West of Eustis	64.61 0	P	P	13 49 44.1 +1.6
G62A	West of Eustis	64.61 0	P	P	13 49 43.3 +0.8
GGN	Saint George	64.62 3	P	P	13 49 42.3 -0.2
I47A	Gladwin	64.62 349	P	P	13 49 42.9 +0.3
I48A	Sherman Twp	64.64 350	P	P	13 49 42.8 +0.1
G65A	Princeton	64.67 3	P	P	13 49 43.6 +0.8
PKME	Peaks-Kenny Pk	64.67 1	P	P	13 49 43.8 +0.9
PKME	Peaks-Kenny Pk	64.67 1	P	I	13 49 41.3 -1.6
PKME			I	I	13 49 45.4
G64A	Maxfield	64.67 2	P	P	13 49 44.2 +1.4
G61A	St-Isidore-de-	64.68 360	P	P	13 49 44.7 +1.8
MOQ	Mont Orford	64.71 359	P	P	13 49 40.8 -2.6
T25A	Trinidad	64.75 331	P	P	13 49 45.5 +1.6
JFWS	Jewell Farm	64.80 344	P	pm	13 49 42.0 -1.8
JFWS	Jewell Farm	64.80 344	P	I	13 49 42.0 -1.8
JFWS	Jewell Farm	64.80 344	P	I	13 49 50.8
G55A	Calabogie	64.86 356	P	P	13 49 45.2 +1.1
G53A	Halburton	64.89 354	P	P	13 49 44.9 +0.6
ORIO	Orleans, Innes	64.98 356	P	P	13 49 46.2 +1.4
ORIO	Orleans, Innes	64.98 356	P	P	13 49 43.8 -1.0
H48A	Harrisville	65.08 350	P	P	13 49 46.6 +1.0
H48A	Harrisville	65.08 350	P	I	13 49 44.8 -0.7
H48A			I	I	13 49 55.8
G54A	Lake Saint Pet	65.11 354	P	P	13 49 46.6 +0.8
F63A	Nahmakanta, Br	65.12 1	P	P	13 49 47.6 +1.8
F63A	Nahmakanta, Br	65.12 1	I	I	13 49 44.3 -1.4
F63A			I	I	13 49 54.0
K38A	Parkersburg	65.22 342	P	P	13 49 45.4 -1.2
F64A	Sherman	65.30 2	P	P	13 49 48.1 +1.2
F64A	Sherman	65.30 2	P	P	13 49 46.6 -0.3
F64A			I	I	13 49 48.9
F61A	St Evariste	65.37 360	P	P	13 49 48.3 +0.9
F60A	Warwick	65.37 359	P	P	13 49 48.2 +0.8
I42A	Draeger Farm	65.39 346	P	I	13 49 46.6 -1.0
I42A			I	I	13 50 00.7
LMN	Caledonia Moun	65.48 5	P	P	13 49 47.9 -0.3
LMN			I	I	13 49 49.5
G47A	Hillman	65.63 350	P	P	13 49 49.4 +0.3
F52A	Sundridge	65.63 354	P	P	13 49 49.6 +0.5
ALGO	Algonquin Park	65.66 355	P	P	13 49 49.9 +0.6
H43A	Windswept, Lux	65.69 347	P	I	13 49 48.3 -1.2
H43A			I	I	13 49 59.9
TRQ	Great Sand Dun	65.69 357	P	P	13 49 49.0 -0.6
SDCO	Great Sand Dun	65.75 330	P	P	13 49 52.2 +1.8
SDCO	Great Sand Dun	65.75 330	P	I	13 49 47.8 -2.6
SDCO			I	I	13 49 59.9
W18A	Petrified Fore	65.79 326	P	I	13 49 48.3 -2.3
W18A			I	I	13 50 07.9
E58A	La Victoria	65.80 358	P	P	13 49 51.3 +1.1
G45A	Suttons Bay	65.81 349	P	I	13 49 49.0 -1.3
G45A			I	I	13 50 14.9
E61A	Lac Elichem	65.82 0	P	P	13 49 52.1 +1.8
F51A	Arnstein	65.83 353	P	P	13 49 51.0 +0.6
E63A	Oxbow	65.85 2	P	P	13 49 51.6 +1.3
E57A	Chemin Saint G	65.87 358	P	P	13 49 51.6 +1.0
E64A	Bridgewater	65.87 2	P	P	13 49 51.8 +1.1
F49A	Sandfield	65.93 352	P	P	13 49 51.5 +0.5
G46A	Petoskey	65.94 349	P	P	13 49 51.7 +0.7
E56A	St Veronique	66.04 357	P	P	13 49 52.5 +0.8
E52A	Mattawa	66.05 354	P	P	13 49 52.3 +0.5
E53A	Dumoine Pont	66.05 355	P	P	13 49 52.6 +0.9
E54A	Lac Duplat, Po	66.07 355	P	P	13 49 52.5 +0.6
F48A	Evansville	66.08 351	P	P	13 49 52.0 0.0
PQI	Presque Isle	66.12 2	P	I	13 49 50.2 -2.0
PQI			I	I	13 49 54.0
D60A	Saint Jean D'O	66.31 0	P	P	13 49 54.1 +0.7
S22A	4UR Ranch, Cre	66.37 330	P	P	13 49 50.8 -3.6
E51A	G1948 Merrick	66.38 354	P	P	13 49 54.5 +0.6
F45A	CMU Biological	66.41 349	P	P	13 49 54.2 +0.1
D57A	Chemin Vers le	66.46 358	P	P	13 49 55

21d 13h

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

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

1594

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

1597

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Svendsen Farm, Cedar Bluff, Bar K, Exete, etc.

2014 APR

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Lajitas Ar. Si, Lajitas Array, Lajitas Array, etc.

21d 14h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Sundridge, N Adams, Mt. Pleasant, etc.

21d 14h

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like 050A Cable, DELO Deloro Mine, MK31 Makanchi Array, etc.

2014 APR

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like R51A Hillsboro, V48A Smith Brothers, CLTN Cedars of Leba, etc.

1598

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like N57A Milroy, H61A Lyndonville, R54A Victor, etc.

21d 14h

Table of satellite data for the 21-day period, listing stations like SOEI, BIZ, ARMC, AMRRI, MMRI, CONA, etc., with their coordinates and status.

2014 APR

Table of satellite data for April 2014, listing stations like DBIC, TIC, KIC, LIC, KMBO, etc., with their coordinates and status.

1600

Table of satellite data for the 1600 period, listing stations like HAMF, KBS, KINGS, STEI, etc., with their coordinates and status.

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

IDC 21 15:35:51.8, 1.8, 6.99S, 154.98E, h0km, mb3.8/4, mb1.4/1.5, mb1mx3.8/2.8, mbtmp3.8/5, ML4.0/1, Error ellipse: s-maj=45.8km s-min=29.6km az=18.0, NEIC 21 15:35:55.2, 1.8, 6.85S, 0.1, 154.9E, 0.2, h31km, 2km, mb4.5/9, Error ellipse: s-maj=21.2km s-min=20.4km az=151.0, ISC 21 15:35:57.6, 1.5, 6.85S, 0.1, 154.9E, 0.2, h41km, n17, r126/17, Bougainville-Solomon Islands region

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

IDC 21 15:40:07.4, 2.0, 7.24S, 155.01E, h0km, mb3.7/5, mb1.3/9.6, mb1mx3.7/2.8, mbtmp3.7/6, ML3.4/1, Error ellipse: s-maj=50.6km s-min=30.3km az=117.0, NEIC 21 15:40:11.7, 1.1, 7.35S, 0.1, 154.9E, 0.2, h31km, 11km, mb4.1/2, Error ellipse: s-maj=32.1km s-min=16.1km az=103.0, ISC 21 15:40:12.6, 1.4, 7.25S, 0.2, 154.8E, 0.2, h31km, n9, r126/10, mb3.8/7, Bougainville-Solomon Islands region

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

IDC 21 15:59:47.1, 1.9, 19.71S, 171.01W, h0km, mb3.8/3, mb1.3/9.5, mb1mx3.6/3.1, mbtmp3.8/5, ML3.3/2, Error ellipse: s-maj=46.3km s-min=29.1km az=51.0, NEIC 21 15:59:49.1, 1.2, 19.78S, 0.03, 171.02W, 0.05, h12km, 5km, mb4.4/1, Error ellipse: s-maj=8.1km s-min=1.9km az=118.0, GUC 21 15:59:50.0, 0.7, 19.77S, 71.00W, h38km, ML3.5, ISC 21 15:59:47.3, 2.1, 19.75S, 0.03, 171.07W, 0.07, h3km, 12km, n41, r083/50, mb3.8/3, 6C-1D, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSGC Pisagua, PSGC Pisagua, TA02 Hualqui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB07 IPOC Station P, PB03 IPOC Station P, PB09 IPOC Station P, etc.

IDC 21 16:03:01.1, 2.4, 6.77S, 154.92E, h0km, mb3.4/3, mb1.3/7.4, mb1mx3.4/3.3, mbtmp3.5/4, ML3.6/1, Error ellipse: s-maj=52.0km s-min=31.7km az=87.0, Bougainville-Solomon Islands region

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

IDC 21 16:15:38.7, 2.5, 6.46S, 150.37E, h40km, 24km, mb3.3/4, mb1.3/6.6, mb1mx3.3/2.7, mbtmp3.6/6, ML1.5/1, Error ellipse: s-maj=100.4km s-min=14.9km az=133.0, ISC 21 16:15:37.1, 1.9, 6.85S, 0.5, 150.7E, 0.5, h33km, n7, r0996/8, mb3.6/3, New Britain region

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

JMA 21 16:26:58.4, 0.3, 35.94N, 147.88E, h37km, M4.3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JFK Kawachi, ONAJ Iwakimizuishiy, etc.

WEL 21 16:35:16.8, 40.5S, 177E, h36km, 1km, M3.4/19, ML3.7/19, MLV3.4/19, Error ellipse: s-maj=0.0km s-min=0.0km az=60.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAHZ Kahuranaki, CKHZ Cape Kidnapper, PKHZ Pawanui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRRZ Plateau Road, RAGZ Rawiri, WPRZ Whakapapatarin, etc.

KRSC 21 16:46:05.2, 1.4, 49.27N, 155.81E, h223km, 11km, ML3.8, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAN Pankovka, KDR Khotutka, etc.

JMA 21 16:48:48.2, 24.43N, 123.95E, h0km, M0.4, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IJIS Ishigaki jima, JKR Kuro-shima, JKR Iriomote-Funau, etc.

TAP 21 16:48:49.1, 24.38N, 121.76E, h6km, 1km, ML1.0, D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ENA Nanau, NACB Nanchiao, NACB Nanchiao, etc.

IDC 21 16:48:48.4, 1.1, 20.79S, 173.19W, h0km, mb4.2/7, mb1.4/4.9, mb1mx4.0/4.1, mbtmp4.3/9, ML3.6/2, MS3.2/2, Ms1.3, 2.2, ms1mx2.7/4.3, Error ellipse: s-maj=30.5km s-min=15.9km az=114.0, NEIC 21 16:48:49.2, 1.5, 20.85S, 0.1, 173.16W, 0.07, h10km, 1km, mb4.7/10, Error ellipse: s-maj=23.3km s-min=7.5km az=158.0, ISC 21 16:48:52.6, 0.6, 20.85S, 0.1, 173.03W, 0.09, h35km, n24, r138/24, mb4.7/12, Tonga Islands

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

21d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, TLY Talaya, ARCES ARCES Array B, YKA Yellowknife Arr.

NIED 21 19:36:00, 38.60N, 142.20E, h44km, Mw4.1 Best double
M0: 1.43000, 0.1015 NP1: 0.200000, 0.71, 0.900000,
1.87, 0.000000 NP2: 0.210, 0.00000, 0.20, 0.00000,
JMA 21 19:36:15.2-0.1, 38.65N, 142.17E, h41km, Mw4.0
JMA Felt 1 J
NEIC 21 19:36:16.4, 1.2, 38.65N, 0.07, 142.2E, 0.1, h54km, 7km,
mb4.4/11, Error ellipse: s-maj=15.0km s-min=9.1km
az=117.0

ICC 21 19:36:17.0-1.9, 38.66N, 142.14E, h57km, 17km, mb3.4/16,
mb1 3.7/22, mb1mx3.6/46, mbtmp3.8/22, MS3.1/9,
Ms1 3.2/9, ms1mx2.8/42, Error ellipse: s-maj=19.8km
s-min=12.0km az=109.0

ISC 21 19:36:15.7-1.3, 38.65N, 0.05, 142.12E, 0.09, h44km, 11km,
n60, c153/66, mb4.0/23, MS3.3/4, Near east coast of
eastern Honshu

Main table of station data for the 21d 19h period, listing station names, coordinates, and various parameters.

2014 APR

Table with columns: BRTR, Keskin Array B, CLL Colim, TXAR Lajitas Array. Includes coordinates and time information.

NEIC 21 19:46:53.0, 1.5, 6.36S, 0.09, 155.2E, 0.1, h27km, 6km,
mb4.8/47, Error ellipse: s-maj=15.0km s-min=12.2km
az=73.0
IDC 21 19:46:52.8, 0.6, 6.42S, 155.24E, h71km, 4km, mb4.0/14,
mb1 4.2/18, mb1mx4.0/36, mbtmp4.3/18, MS2.9/3,
MJA 21 19:46:52.8, 0.6, 6.42S, 155.24E, h71km, 4km, mb4.0/14,
mb1 4.2/18, mb1mx4.0/36, mbtmp4.3/18, MS2.9/3,
DJA 21 19:46:52.8, 0.6, 6.42S, 155.24E, h71km, 4km, mb4.0/14,
mb1 4.2/18, mb1mx4.0/36, mbtmp4.3/18, MS2.9/3

ISC 21 19:46:53.0, 1.5, 6.32S, 0.05, 155.25E, 0.05, h74km, 4km,
h75km, pp-P, n89, c184/40, mb4.8/49, 1C,
Bougainville-Solomon Islands region

Main table of station data for the 2014 APR period, listing station names, coordinates, and various parameters.

1610

Table with columns: VVDA Vanda, BILL Bilibino, WMQ Urumqi. Includes coordinates and time information.

NEIC 21 19:58:20.8, 0.0, 6.01S, 154.95E, h9km, mB5.0/35,
mb4.9/50, Ms4.7/10, Ms7.4/44
NEIC 21 19:58:21.7, 2.1, 6.76S, 0.09, 154.8E, 0.1, h23km, 4km,
mb4.8/42, Error ellipse: s-maj=15.6km s-min=13.0km
az=83.0

IDC 21 19:58:21.6, 3.9, 6.80S, 154.70E, h21km, 24km, mb4.3/16,
mb1 4.4/21, mb1mx4.3/42, mbtmp4.4/21, ML3.9/4, MS3.8/15,
s-min=15.4km az=140.0
DJA 21 19:58:26.1, 1.5, 7.5S, 15.5E, h39km, 10km, M5.0/23,
mb4.8/23, mb5.4/7, MLV5.2/22, Mw(m)B4.8/7
ISC 21 19:58:23.7, 0.4, 6.83S, 0.06, 154.83E, 0.06, h41km, n117,
c184/11, mb4.8/50, MS3.9/14, 1D,
Bougainville-Solomon Islands region

Main table of station data for the 1610 period, listing station names, coordinates, and various parameters.

BUI 21 19:58:20.8, 0.0, 6.01S, 154.95E, h9km, mB5.0/35,
mb4.9/50, Ms4.7/10, Ms7.4/44
NEIC 21 19:58:21.7, 2.1, 6.76S, 0.09, 154.8E, 0.1, h23km, 4km,
mb4.8/42, Error ellipse: s-maj=15.6km s-min=13.0km
az=83.0

IDC 21 19:58:21.6, 3.9, 6.80S, 154.70E, h21km, 24km, mb4.3/16,
mb1 4.4/21, mb1mx4.3/42, mbtmp4.4/21, ML3.9/4, MS3.8/15,
s-min=15.4km az=140.0
DJA 21 19:58:26.1, 1.5, 7.5S, 15.5E, h39km, 10km, M5.0/23,
mb4.8/23, mb5.4/7, MLV5.2/22, Mw(m)B4.8/7
ISC 21 19:58:23.7, 0.4, 6.83S, 0.06, 154.83E, 0.06, h41km, n117,
c184/11, mb4.8/50, MS3.9/14, 1D,
Bougainville-Solomon Islands region

Main table of station data for the 1610 period, listing station names, coordinates, and various parameters.

21d 20h

2014 APR

1612

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like X48A Hartselle, PLAL Pickwick Lake, 113A Mohawk Valley, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WCI Wyandotte Cave, WGNTE Mount Pierson, OGNE Ogallala, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ALGO Algonquin Park, D50A G1974 Best Tow, D51A Lot 18 Bange I, etc.

NIED 21 20:11:00.38;20N,141.70E,h50km,Mw3.7. Best double couple: M4.380000*1014 Np1ka10.00000* 860.00000*... JMA 21 20:11:38.60.1,38.18N;141.67E,h50km;1km,M3.8 JMA Felt I J1. IDC 21 20:11:39.32.4,38.17N;141.70E,h61km;21km,mb3.4/8, mb1 3.6/13,mb1mx3.3/59,mbtmp3.7/13,ML3.1/5,MS2.0/1, Ms1 2.0/1,ms1mx1.8/40,Error ellipse: s-maj=27.7km s-min=16.1km az=90.0 ISC 21 20:11:39.01.0,38.18N;0.005*141.73E;0.008,h53km;7km,n35,e158/45,mb3.8/8,Near east coast of eastern

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JIKH IshinomakiKobu, JIO Ouri, JKMT Kesennumamotoy, etc.

IDC 21 20:11:35.6.1.5,20.55S;177.30E,h0km,mb4.0/4, mb1 4.3/6,mb1mx3.7/47,mbtmp4.2/6,ML4.2,MS3.4/3, Ms1 3.4/3,ms1mx3.1/41,Error ellipse: s-maj=43.8km

Magsingal Stn. Domingo San Ildefonso Bantay Caayayan Santa Catalina Santa Ilcos Sur; Batac Ilcos Norte; Intensity III - Narvacan Sta Maria Burgas San Esteban Ilcos Sur.
 MOS 21 20:45:20.2±1.0, 17.34N; 120°10'E, h16km, mb5.8/6.4, MS5.3/80, Error ellipse: s-maj=5.7km s-min=3.3km az=114.4

NEIC 21 20:45:21.1, 17.38N; 119.95E, h12km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; M_r-0.06; M_θ-0.09; M_φ-0.03; M₁₁-1.13; M₂₂-1.43; M₃₃-0.22; Fault plane solution: M₂-640000°101°7; NP1=269.250000°, 885.710000°, λ-141.800000°; NP2=176.670000°, 851.880000°, λ-14.190000°. Principal axes: T 1.7539, Plg23.0000°, Azm36.0000°; N 0.1652, Plg52.0000°, Azm273.0000°; P -1.9192, Plg28.0000°, Azm140.0000°.

NEIC 21 20:45:21.1±1.8, 17.38N; 104°119.95E; 0.08, h9km, mb5.8/30.4, Ms 2.0/5.3/288, Mw5.5/4.1, Mw5.5(GCMT) Error ellipse: s-maj=10.9km s-min=5.2km az=75.0 GCMT 21 20:45:23.0±1.0, 17.57N; 119.92E, h23km, Mw5.5/158, Moment Tensor Solution. s127.2c233; s158.c304; Duration: 1s3 Moment tensor: Scale 10¹⁷Nm; M_r-0.57±0.02; M_θ-0.50±0.02; M_φ-0.07±0.02; M₁₁-0.46±0.03; M₂₂-2.04±0.02; M₃₃-0.01±0.03; Best double couple: M₂-2.10000°101°7; NP1=177.00000°, 875.000000°, λ-5.000000°; NP2=268.00000°, 885.000000°, λ-165.000000°. Principal axes: T 2.3730, Plg6.0000°, Azm42.0000°; N -0.5280, Plg74.0000°, Azm287.0000°; P -1.8450, Plg14.0000°, Azm133.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

SOME 21 20:45:24.9±0.0, 17.61N; 120.42E, h33km, mb5.2, mB5.7, Ms5.6
 BGR 21 20:45:24.9±0.0, 17.61N; 120.42E, h33km, mb5.2, mB5.7, Ms5.6
 NEIC 21 20:45:24.17.58N; 119.93E, h22km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; M_r-0.64; M_θ-0.56; M_φ-0.07; M₁₁-0.45; M₂₂-1.17; M₃₃-0.10; Fault plane solution: M₂-300000°101°7; NP1=176.00000°, 882.000000°, λ-165.000000°; NP2=176.00000°, 875.000000°, λ-8.000000°. Principal axes: T 2.5248, Plg5.0000°, Azm41.0000°; N -0.5544, Plg73.0000°, Azm295.0000°; P -1.9704, Plg16.0000°, Azm133.0000°.

KLM 21 20:45:26.0, 17.37N; 120.27E, h47km, mb5.8
 BUJ 21 20:45:28.7±0.0, 17.94N; 119.88E, h40km, mB5.5/6.6, mb5.4/7.7, Ms5.7/9.1, Ms7.5/6.8/5
 ISC 21 20:45:24.9±0.4, 17.35N; 0.02, 120°03E; 0.03, h30km, 2km, h30km; P=11510, s143/1535, mb5.7/355, MS5.3/258, 92C-64D, Luzon

KMI	comp=Z,8umcomp=Z,912nm,0.9s	17.86 299	P	P	20 49 32.4 +1.0
KMI			S	Sn	20 52 50.3 +0.9
KMI	comp=Z,1um,8.1s		P	Pmax	
KMI	comp=Z,13um,11.6s		LR	LR	
KMI	comp=Z,18um,14.1s		LR	LR	
KMI	comp=Z,17um,15.6s		LR	LR	
KMI	comp=Z,504nm,1.9s	17.86 299	P	P	20 49 32.4 +1.0
KMI			P	Pmax	
KMI	comp=Z,504nm,1.9s	17.86 299	P	P	20 49 32.4 +1.0
SMKI	comp=Z,13umcomp=Z,267nm,0.8s	17.86 299	P	P	20 49 32.4 +1.0
SMKI	comp=Z,13umcomp=Z,267nm,0.8s	17.86 299	P	P	20 49 32.4 +1.0
TNTI	Terate	17.99 156	P	P	20 49 31.7 -0.6
TNTI	Terate	17.99 156	P	P	20 49 31.7 -0.6
APSI	Ampana	18.22 175	P	P	20 49 36.7 +1.6
APSI	comp=Z,2umcomp=Z,466nm,0.8s	18.22 175	P	P	20 49 36.7 +1.6
PBKT	Sadao Pong	18.25 270	P	P	20 48 35.4 0.0
KSM	Kuching	18.45 212	P	P	20 49 39.3 +1.4
KSM	Kuching	18.45 212	P	P	20 49 40.0 +2.1
LUWI	Luwuk	18.48 171	P	P	20 49 38.4 +0.2
LUWI	comp=Z,814nm,0.8s	18.48 171	Iamb	Iamb	20 50 04.2
JNU	Nakatsue	18.50 30	P	P	20 49 37.9 -0.2
JNU	comp=Z,7.8nm,0.3s,baz=191,slow=5.1,SNR=108	18.50 30	P	P	20 49 37.9 -0.2
JNU	Nakatsue	18.50 30	P	P	20 49 37.6 -0.5
JNU	comp=Z,894nm,1.0s	18.50 30	Iamb	Iamb	20 49 41.5
BKB	Balikpapan	18.75 190	P	Pn	20 49 43.5 +2.0
BKB	Balikpapan	18.75 190	P	Pn	20 49 43.5 +2.0
BKB	Balikpapan	18.75 190	P	Pn	20 49 41.6 0.0
BKB	Balikpapan	18.75 190	P	Pn	20 49 44.6 0.0
TIA	Taian	18.96 353	P	Pn	20 49 43.9 -0.1
TIA	comp=Z,190nm,1.4s	18.96 353	Pmax	Pmax	
TIA	comp=Z,190nm,1.4s	18.96 353	Pmax	Pmax	
TIA	comp=Z,2um,8.0s		LR	LR	
TIA	comp=Z,14um,14.2s		LR	LR	
TIA	comp=Z,12um,13.5s		LR	LR	
TIA	comp=Z,20um,14.5s		LR	LR	
LBMI	Labuan	19.33 157	P	P	20 49 48.0 +0.6
LBMI	comp=Z,9umcomp=Z,627nm,1.0s	19.33 157	P	P	20 49 48.0 +0.6
XAN	Xian	19.37 331	P	P	20 49 48.1 +0.4
XAN			P	P	20 49 52.3 -3.0
XAN			P	P	20 50 06.3 +3.8
XAN	comp=Z,44nm,1.0s		Pmax	Pmax	
XAN	comp=Z,2um,6.2s		LR	LR	
XAN	comp=Z,20um,16.0s		LR	LR	
XAN	comp=Z,19um,14.1s		LR	LR	
XAN	comp=Z,26um,14.6s		LR	LR	
XAN	Xian	19.37 331	P	Pmax	20 49 47.4 -0.3
XAN	comp=Z,244nm,1.2s		P	P	20 48 47.4 -0.3
XAN	Xian	19.37 331	P	P	20 48 47.4 -0.3
CD2	Chengdu	20.03 315	P	P	20 50 14.9 +3.4
CD2			sS	Sn	20 53 39.9 -1.5
CD2	comp=Z,110nm,1.1s		Pmax	Pmax	
CD2	comp=Z,2um,6.6s		LR	LR	
CD2	comp=Z,24um,13.3s		LR	LR	
CD2	comp=Z,29um,13.2s		LR	LR	
CD2	comp=Z,29um,17.0s		LR	LR	
TJN	Taejon	20.03 18	P	P	20 49 54.3 -0.5
CM31	Chiang Mai Arr	20.10 276	P	Pn	20 49 56.9 -0.8
CM31	Chiang Mai Arr	20.10 276	P	Pn	20 49 54.7 -1.1
CMAR	Chiang Mai Arr	20.10 276	P	Pn	20 49 56.7 -1.0
CMAR	comp=Z,28nm,0.8s,baz=92,slow=8.6,SNR=136	20.10 276	P	P	20 54 11.7 +1.2
CMAR	comp=Z,18nm,0.8s,baz=109,slow=0.6,SNR=36	20.10 276	P	P	20 57 35.2
CMAR	comp=Z,5um,19.8s,baz=94,slow=36	20.10 276	ScP	ScP	20 57 46.5 +1.7
CMAR	comp=Z,2.3nm,1.0s,baz=40,slow=1.5,SNR=4.7	20.10 276	P	P	20 49 55.9 +0.2
CHTO	Chiang Mai	20.10 277	P	P	20 49 55.9 +0.2
CHTO	comp=Z,169nm,1.5s		MLR	MLR	
CHTO	comp=Z,4um,19.0s		P	P	20 49 55.9 +0.2
CHTO	Tana Toraja	20.27 181	P	Pn	20 49 59.2 -0.4
CHTO	comp=Z,6umcomp=Z,5umcomp=Z,459nm,0.9s	20.27 181	P	P	20 50 03.2 -0.9
INCN	Inchon	20.88 15	P	P	20 50 03.2 -0.9
INCN	comp=Z,602nm,1.0s	20.88 15	P	P	20 50 03.2 -0.9
INCN	comp=Z,5um,20.0s	20.88 15	P	P	20 50 03.2 -0.9
INCN	Inchon	20.88 15	P	P	20 50 04.8
INCN	comp=Z,602nm,0.9s	20.88 15	P	P	20 50 06.7 -0.7
INCN	comp=Z,344nm,0.9s,baz=202,slow=1.1,SNR=47	20.88 15	ScP	ScP	20 57 47.4 +0.3
INCN	comp=Z,3.0nm,1.0s,baz=188,slow=4.4,SNR=7.0	20.88 15	P	P	20 59 00.2
KRSR	Korea Array	21.20 18	P	P	20 50 08.3 +0.5
KRSR	comp=Z,6um,19.7s,baz=202,slow=39	21.20 18	P	P	20 50 08.3 +0.5
KRSR	comp=Z,7umcomp=Z,5umcomp=Z,444nm,1.0s	21.20 18	P	P	20 54 13.1 +0.4
SIJI	Sorong	21.22 147	P	P	20 50 08.5 +0.6
SIJI	comp=Z,104nm,0.6s,baz=344,slow=10,SNR=56	21.22 147	P	P	20 54 13.1 +0.4
SIJI	comp=Z,19nm,1.0s,baz=350,slow=5.9,SNR=4.2	21.22 147	LR	LR	20 59 58.7
SIJI	comp=Z,5um,19.5s,baz=320,slow=42	21.22 147	P	P	20 50 06.2 -1.6
KS19	Wonju Array Si	21.23 17	Iamb	Iamb	20 50 08.8
TIY	Taiyuan	21.36 343	pP	pP	20 50 10.4 +1.2
TIY	comp=Z,311nm,0.8s	21.36 343	pP	pP	20 50 19.5 -0.8
TIY	comp=Z,130nm,0.9s		P	P	20 50 14.7
TIY	comp=Z,10um,13.3s		LR	LR	
TIY	comp=Z,8um,15.7s		LR	LR	
TIY	comp=Z,13um,16.0s		LR	LR	
DL2	Dalian	21.52 3	P	P	20 50 08.8 -2.1
DL2	comp=Z,39nm,0.9s	21.52 3	Pmax	Pmax	20 54 05.3 -2.6
DL2	comp=Z,920nm,9.0s		LR	LR	
DL2	comp=Z,7um,15.9s		LR	LR	
DL2	comp=Z,8um,12.9s		LR	LR	
DL2	comp=Z,13um,15.9s		LR	LR	
BNSI	Bone	21.61 180	P	P	20 50 13.3 +1.3
BNSI	comp=Z,4umcomp=Z,378nm,1.0s	21.61 180	P	P	20 50 13.0 +0.9
NLAI	Namlea	21.62 161	P	P	20 50 18.8 +0.6
NLAI	comp=Z,8umcomp=Z,674nm,1.1s	21.62 161	P	P	20 50 20.0 +1.8
MYKOR	Kota Tinggi	22.18 229	P	P	20 50 19.1 +0.5
MYKOR	Kota Tinggi	22.18 229	P	P	20 50 19.1 +0.5
KAPI	Kappang	22.23 181	P	P	20 59 27.0
KAPI	comp=Z,336nm,0.8s,baz=3.1,slow=7.8,SNR=114	22.23 181	LR	LR	20 59 27.0
KAPI	comp=Z,5um,20.1s,baz=360,slow=38	22.23 181	P	P	20 50 18.9 +0.3
KAPI	Kappang	22.23 181	P	P	20 50 24.2
KAPI	comp=Z,444nm,0.9s	22.23 181	P	P	20 50 22.5 +2.6
TPRI	Tanjung Pinang	22.34 225	P	P	20 50 21.1 +1.0
TPRI	comp=Z,6umcomp=Z,4umcomp=Z,115nm,1.2s	22.34 225	P	P	20 50 21.1 +1.0
MSAI	Masohi	22.36 156	P	P	20 50 21.1 +1.0
MSAI	comp=Z,2umcomp=Z,221nm,1.1s	22.36 156	P	P	20 50 21.1 +1.0

AAI	Ambon	22.41 158	P	P	20 50 21.1 +0.5
AAI	comp=Z,7umcomp=Z,6umcomp=Z,689nm,0.8s	22.41 158	P	P	20 50 21.1 +0.5
KULM	Kulim	22.43 240	P	P	20 50 23.0 +2.1
KULM	Kulumbata	22.43 240	P	P	20 50 22.2 +0.3
BKSI	Bukit	22.53 180	P	P	20 50 22.0 +0.3
BKSI	comp=Z,3umcomp=Z,5umcomp=Z,529nm,0.8s	22.53 180	P	P	20 50 22.4 -0.2
IPM	Ipo	22.59 238	P	P	20 50 24.0 +1.4
IPM	Ipo	22.59 238	P	P	20 50 21.3 -1.9
JCJ	Chichijima	22.65 61	P	P	20 59 23.9
JCJ	comp=Z,216nm,0.6s,baz=273,slow=1.1,SNR=20	22.65 61	LR	LR	20 59 23.9
BBSI	Bau Bau	22.83 173	P	P	20 50 25.3 +0.2
BBSI	comp=Z,2um,18.6s,baz=258,slow=37	22.83 173	P	P	20 50 25.3 +0.2
BBSI	Bau Bau	22.83 173	P	P	20 50 24.8 -0.1
BBSI	comp=Z,2.671nmcomp=Z,48nm,0.9s	22.83 173	P	P	20 50 24.8 -0.1
BBSI	Bajaitau	22.83 352	Pmax	Pmax	
BBSI	comp=Z,235nm,1.0s	22.83 352	MLR	MLR	
BJT	Bajaitau	22.83 352	P	P	20 50 24.8 -0.1
BJT	comp=Z,8um,18.0s	22.83 352	Iamb	Iamb	20 50 39.4
BJT	Bajaitau	22.83 352	P	P	20 50 24.8 -0.1
BJT	comp=Z,234nm,1.0s	22.83 352	IAMS_20	IAMS_20	21 00 29.7
BJT	Bajaitau	22.83 352	P	P	20 50 24.8 -0.3
BJI	Beijing	22.85 352	P	Pmax	20 50 24.8 -0.3
BJI	comp=Z,96nm,1.0s	22.85 352	LR	LR	
BJI	comp=Z,10um,15.1s		LR	LR	
BJI	comp=Z,9um,16.3s		LR	LR	
BJI	comp=Z,6um,17.6s		LR	LR	
RKPI	Ransiki, Papua	23.36 142	P	P	20 50 34.1 +3.6
INU	Inuyama	23.45 37	P	P	20 50 30.2 -1.0
INU	comp=Z,320nm,0.9s	23.45 37	Iamb	Iamb	20 50 32.6
FAKI	Fak Fak	23.48 148	P	P	20 50 30.8 -0.8
FAKI	comp=Z,4umcomp=Z,463nm,1.0s	23.48 148	P	P	20 50 30.8 -0.8
FAKI	Fak Fak	23.48 148	P	P	20 50 30.0 -1.6
FAKI	Lanzhou	23.54 326	eP	eP	20 50 33.3 +1.0
LZH	Lanzhou	23.54 326	eP	eP	20 50 37.8 -2.6
LZH	Lanzhou	23.54 326	eP	eP	20 50 40.8 -3.2
LZH	Lanzhou	23.54 326	sP	sP	20 54 18.6 +1.4
LZH	Lanzhou	23.54 326	Pmax	Pmax	20 54 57.3 -0.3
LZH	comp=Z,83nm,1.1s		Pmax	Pmax	
LZH	comp=Z,1um,4.9s		Pmax	Pmax	
LZH	comp=Z,17um,14.2s		LR	LR	
LZH	comp=Z,12um,13.6s		LR	LR	
LZH	comp=Z,18um,14.7s		LR	LR	
JHJ	Hachijo jima 2	23.72 45	P	P	20 50 32.7 -1.1
JHJ	comp=Z,488nm,1.0s,baz=270,slow=14,SNR=4.9	23.72 45	LR	LR	20 58 35.4
BNDI	Bandanaira	23.82 155	P	P	20 50 35.4 +0.5
BNDI	comp=Z,4umcomp=Z,14umcomp=Z,2um,0.9s	23.82 155	P	P	20 50 38.8 +0.1
GUMO	Guam	24.22 95	P	P	20 50 38.8 +0.1
GUMO	comp=Z,337nm,1.1s,baz=190,slow=4.9,SNR=5.6	24.22 95	LR	LR	20 59 55.7
GUMO	comp=Z,2um,18.4s,baz=288,slow=36	24.22 95	LR	LR	20 59 55.7
GUMO	Guam	24.22 95	Pmax	Pmax	20 50 39.9 +1.2
GUMO	comp=Z,465nm,1.2s				

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NRK, Nori'sk, ARMA, ASHT, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SNZO, AKASG, AKKB, MICGCM, MNK, etc.

2014 APR

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like STEI, KLYT, KORT, ISK, etc.

21d 20h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like C36M, PGB, SZR, etc.

ESK	comp-Z,1um,19.0s	ESKdalemuir	93.21	331	P	P	20 58 35.2	-0.5
ESK	comp-Z,53nm,1.3s				Pmax	Pmax		
ESK	comp-Z,2um,20.0s				MLR	MLR		
ESK	comp-Z,53nm,1.2s	ESKdalemuir	93.21	331	P	P	20 58 35.2	-0.5
ESK	comp-Z,1um,20.0s				IAMB	IAMB	20 58 41.0	
BNI	comp-Z,48nm,1.3s	Bardonecchia	93.40	319	IAMB	IAMB	20 58 47.2	
BNI	comp-Z,48nm,1.2s				IAMS_20	IAMS_20	21 45 47.8	
ILULI	comp-Z,1um,19.0s	Ilulissat	93.44	357	IAMB	IAMB	20 58 41.2	
A04D	comp-Z,48nm,1.3s	Lummi Island	93.88	36	P	P	20 58 40.2	+1.3
VSL	comp-Z,813nm,18.0s	Villasalto	94.18	313	IAMS_20	IAMS_20	21 49 05.9	
D03D	comp-Z,466nm,22.2s	Eldon	94.28	37	P	P	20 58 42.0	+1.1
MAW	comp-Z,35nm,1.0s	Mawson	94.32	199	P	P	20 58 40.9	+0.6
MAW	comp-Z,244nm,18.6s	Bryan	94.56	36	P	P	20 58 42.8	+1.1
B05A	comp-Z,53nm,1.2s	Chambon-Foret	94.53	323	IAMB	IAMB	20 58 47.2	
CLF	comp-Z,53nm,1.2s	Cinebar	95.09	38	P	P	20 58 45.7	+1.1
E04D	comp-Z,864nm,25.0s	Papeete2	95.47	107	eS	S	21 09 54.0	-7.9
PPT2	comp-Z,1um,17.2s	Papeete2	95.47	107	eLQ	LQ	21 25 34.0	
PPT2	comp-Z,466nm,22.2s				eLR	LR	21 29 34.5	
SFJD	comp-Z,529nm,20.0s	Kangerlussuaq	95.61	356	P	P	20 58 45.4	-1.1
SFJD	comp-Z,529nm,20.0s	Kangerlussuaq	95.61	356	P	P	20 58 45.6	-0.9
SFJD	comp-Z,79nm,1.5s	Kangerlussuaq	95.61	356	P	P	20 58 45.6	-0.9
SFJD	comp-Z,79nm,1.5s				IAMB	IAMB	20 58 54.4	
KEST	comp-Z,12nm,1.2s	Kesra	95.86	310	P	P	20 58 48.2	-0.2
KEST	comp-Z,12nm,1.2s				LR	LR	21 50 01.9	
KEST	comp-Z,558nm,18.9s	Kesra	95.86	310	P	P	20 58 47.6	-0.8
KEST	comp-Z,705nm,18.0s				IAMS_20	IAMS_20	21 49 32.7	
H04D	comp-Z,891nm,18.0s	Lebanon	96.06	40	P	P	20 58 50.3	+1.3
I03D	comp-Z,62nm,1.7s	Drain, OR	96.11	41	P	P	20 58 50.6	+1.3
LSZ	comp-Z,891nm,18.0s	Lusaka	96.16	256	IAMS_20	IAMS_20	21 40 23.7	
H04A	comp-Z,62nm,1.7s	Detroit Lake	96.31	39	IAMB	IAMB	20 59 00.8	
K02A	comp-Z,62nm,1.7s	Willamette Mer	96.42	42	P	P	20 58 51.3	+0.5
I04A	comp-Z,62nm,1.7s	Tendick Farm,	96.64	40	P	P	20 58 51.8	0.0
TBI	comp-Z,776nm,25.2s	Tubuaz	97.16	112	eS	S	21 10 09.7	-6.4
TBI	comp-Z,813nm,18.0s	Tubuaz	97.16	112	eLR	LR	21 30 30.8	
NEW	comp-Z,613nm,26.2s	Newport	97.22	34	P	Pdf	20 58 55.2	+0.8
L04D	comp-Z,613nm,26.2s	Klamath Falls	97.53	42	P	Pdf	20 58 56.5	+0.5
M02C	comp-Z,613nm,26.2s	Callahan	97.60	43	P	Pdf	20 58 57.1	+0.8
J05D	comp-Z,613nm,26.2s	Fort Rock, OR	97.63	40	P	Pdf	20 58 57.4	+0.9
VNDA	comp-Z,1.1nm,0.8s	Vanda	97.73	172	P	P	20 58 56.5	+0.7
VNDA	comp-Z,1.1nm,0.8s				PKKPbc	PKKPbc	21 15 31.6	-2.8
VNDA	comp-Z,1.1nm,0.8s	Vanda	97.73	172	P	P	20 58 56.8	+1.0
VNDA	comp-Z,1.1nm,0.8s				Pmax	Pmax		
VNDA	comp-Z,1.1nm,0.8s	Vanda	97.73	172	P	P	20 58 56.8	+1.0
VNDA	comp-Z,1.1nm,0.8s				IAMB	IAMB	20 58 59.8	
N02D	comp-Z,1.8nm,1.1s	Trinity Center	97.91	43	P	Pdf	20 58 58.8	+1.2
M04C	comp-Z,1.8nm,1.1s	Macdoel	98.05	42	P	Pdf	20 58 59.0	+0.6
K05A	comp-Z,1.8nm,1.1s	Summer Lake	98.14	41	P	Pdf	20 58 59.7	+0.9
K05A	comp-Z,1.8nm,1.1s				IAMB	IAMB	20 59 02.4	
O02D	comp-Z,2.4nm,1.2s	Mt. Diablo Mr	98.27	44	P	Pdf	20 58 59.9	+0.6
WALA	comp-Z,2.0nm,1.4s	Waterton Lakes	98.43	33	IAMB	IAMB	20 59 39.6	
O03E	comp-Z,2.4nm,1.2s	Paynes Creek	98.85	43	P	P	20 59 01.8	-0.1
MOD	comp-Z,2.4nm,1.2s	Modoc Plateau	98.96	41	P	P	20 59 01.4	-1.0
ORV	comp-Z,2.4nm,1.2s	Oroville	99.44	44	P	P	20 59 04.5	+0.1
ORV	comp-Z,2.4nm,1.2s				Pmax	Pmax		
ORV	comp-Z,1.1nm,1.4s	Oroville	99.44	44	P	P	20 59 04.5	+0.1
FFC	comp-Z,1.1nm,1.4s	Flin Flon	99.80	23	P	P	20 59 04.8	-0.8
FFC	comp-Z,1.1nm,1.4s				Pmax	Pmax		
FFC	comp-Z,1.1nm,1.4s	Flin Flon	99.80	23	P	P	20 59 04.8	-0.8
EGMT	comp-Z,1.1nm,1.4s	Eagleton	101.20	32	P	P	20 59 11.9	-0.3
TAOE	comp-Z,1um,23.6s	Nuku Hiva Isla	101.91	96	eLR	LR	21 32 28.8	
KVN	comp-Z,1um,23.6s	Kaiserville	101.93	43	P	P	20 59 15.1	-0.6
KVN	comp-Z,1um,23.6s	Kaiserville	101.93	43	P	P	20 59 15.1	-0.6
INVAR	comp-Z,2.9nm,1.1s	Mina Array Bea	102.14	43	P	P	20 59 18.2	+1.5
SYO	comp-Z,2.9nm,1.1s	Syowa Base	102.67	2011	ePdiff	Pdiff	20 59 18.0	+0.1
ESDC	comp-Z,2.9nm,1.1s	Sonsea Array	102.92	319	P	P	20 59 23.7	+3.8
ESDC	comp-Z,2.9nm,1.1s				PP	PP	21 03 20.4	-1.3
ESDC	comp-Z,2.9nm,1.1s				PKKPbc	PKKPbc	21 15 13.4	-4.7
ESDC	comp-Z,2.9nm,1.1s				PKKPbc	PKKPbc	21 15 13.4	-4.7
TIN	comp-Z,1.0nm,1.1s	Tinema, Big	102.95	44	P	P	20 59 17.7	-2.5
PAB	comp-Z,1um,18.0s	San Pablo	103.24	319	IAMS_20	IAMS_20	21 52 09.3	
EDWZ	comp-Z,1um,18.0s	Edwards Air Fo	104.30	46	P	P	20 59 26.5	+0.3
PDAR	comp-Z,0.3nm,0.8s	Pinedale Array	104.80	35	P	P	20 59 31.3	+2.8
PDAR	comp-Z,0.3nm,0.8s				PP	PP	21 03 46.9	-0.8
PDAR	comp-Z,0.3nm,0.8s				PKKPbc	PKKPbc	21 15 11.2	-1.6
ULM	comp-Z,0.6nm,0.6s	Lac du Bonnet	105.63	23	P	P	21 15 06.9	-3.4
PFO	comp-Z,2.2nm,0.9s	Pinyon Flats O	106.06	46	P	P	21 03 47.0	+0.8
BELC	comp-Z,2.2nm,0.9s	Belle Mtn. Jos	106.46	36	P	P	21 03 48.7	+2.3
SFS	comp-Z,2.2nm,0.9s	San Fernando	106.24	317	IAMS_20	IAMS_20	21 54 36.2	
MONP2	comp-Z,1um,18.0s	Monument Peak	106.49	47	P	P	21 03 49.3	+2.2
IRM	comp-Z,1um,18.0s	Iron Mountain	106.66	45	P	P	21 03 48.4	+1.3
RSSD	comp-Z,1um,18.0s	Black Hills	106.77	32	P	P	21 03 48.1	+0.8
RSSD	comp-Z,1um,18.0s	Black Hills	106.77	32	P	P	21 03 48.1	+0.8
RSSD	comp-Z,1um,18.0s	Black Hills	106.77	32	P	P	21 03 48.1	+0.8
TSUM	comp-Z,59nm,19.0s	Tsumeb	106.94	255	IAMS_20	IAMS_20	21 48 24.6	
QSPA	comp-Z,59nm,19.0s	South Pole Qui	107.18	180	Pdiff	Pdiff	20 59 40.0	+1.8
QSPA	comp-Z,59nm,19.0s				PKKIP	PKKIP	21 03 50.4	+2.2
DMCI	comp-Z,59nm,19.0s	Parker Dam,Lak	107.25	45	P	P	21 03 47.6	-0.8
PV21	comp-Z,59nm,19.0s	White River Ci	107.28	37	P	P	21 03 47.6	-0.8
PV21	comp-Z,59nm,19.0s				IAMS_20	IAMS_20	21 53 07.1	
PV23	comp-Z,59nm,19.0s	Carpenter Ridg	107.94	39	IAMS_20	IAMS_20	21 47 49.9	
PV14	comp-Z,59nm,19.0s	Lion Creek, Pa	107.98	39	IAMS_20	IAMS_20	21 55 18.7	
PV22	comp-Z,59nm,19.0s	Blue Mesa, Pa	108.02	38	IAMS_20	IAMS_20	21 33 44.3	

PHWY	comp-Z,597nm,22.0s	Pilot Hill	108.03	34	IAMS_20	IAMS_20	21 55 12.5	
PV04	comp-Z,597nm,22.0s	Paradox Valley	108.04	39	IAMS_20	IAMS_20	21 57 08.6	
WUAZ	comp-Z,71um,20.0s	Wupatki	108.34	42	P	PKIKP	21 03 51.1	+0.7
PV01	comp-Z,71um,20.0s	Paradox Valley	108.41	39	IAMS_20	IAMS_20	21 35 33.3	
EYMN	comp-Z,853nm,22.0s	Ely	109.12	22	IAMS_20	IAMS_20	21 55 42.5	
W18A	comp-Z,916nm,20.0s	Petrified Fore	109.63	42	P	PKIKP	21 03 53.5	+0.7
SDCO	comp-Z,916nm,20.0s	Great Sand Dun	110.47	37	P	PKIKP	21 03 55.4	+0.9
ECSD	comp-Z,946nm,19.0s	EROS Data Cent	110.57	28	P	PKIKP	21 03 55.0	+0.8
ECSD	comp-Z,946nm,19.0s	EROS Data Cent	110.57	28	IAMS_20	IAMS_20	21 58 57.1	
T25A	comp-Z,946nm,19.0s	Trinidad	111.51	37	P	PKIKP	21 03 57.4	+1.0
ANMO	comp-Z,946nm,19.0s	Albuquerque	111.79	40	P	PKIKP	21 03 58.0	+1.0
TOC2	comp-Z,546nm,18.0s	Torodi Ar. Sit	111.97	292	IAMS_20	IAMS_20	21 58 47.5	
TOC3	comp-Z,546nm,18.0s	Torodi Ar. Sit	111.98	292	IAMS_20	IAMS_20	21 56 54.7	
TOC1	comp-Z,536nm,20.0s	Torodi Ar. Sit	111.98	292	IAMS_20	IAMS_20	21 58 37.8	
TOA2	comp-Z,536nm,20.0s	Torodi Ar. Sit	111.99	292	IAMS_20	IAMS_20	21 58 47.7	
TOB1	comp-Z,561nm,18.0s	Torodi Ar. Sit	111.99	292	IAMS_20	IAMS_20	21 56 54.7	
TOB3	comp-Z,513nm,19.0s	Torodi Ar. Sit	111.99	292	IAMS_20	IAMS_20	21 56 55.1	
TOA0	comp-Z,517nm,19.0s	Torodi Ar. Sit	112.00	292	IAMS_20	IAMS_20	21 56 54.2	
TORD	comp-Z,6.5nm,0.8s	Torodi Ar. Sit	112.00	292	PKIKP	PKIKP	21 03 56.8	-0.8
TORD	comp-Z,6.5nm,0.8s				PKKPbc	PKKPbc	21 14 50.7	+1.7
TOA3	comp-Z,3.3nm,0.9s	Torodi Ar. Sit	112.00	292	IAMS_20	IAMS_20	21 56 54.3	
TOC4	comp-Z,529nm,20.0s	Torodi Ar. Sit	112.00	292	IAMS_20	IAMS_20	21 58 56.4	
TOC7	comp-Z,529nm,20.0s	Torodi Ar. Sit	112.00	292	IAMS_20	IAMS_20	21 56 54.4	
TOB5	comp-Z,631nm,19.0s	Torodi Ar. Sit	112.01	292	IAMS_20	IAMS_20	21 58 49.5	
TOB4	comp-Z,631nm,19.0s	Torodi Ar. Sit	112.01	292	IAMS_20	IAMS_20	21 58 56.6	
TOC5	comp-Z,650nm,18.0s	Torodi Ar. Sit	112.02	292	IAMS_20	IAMS_20	21 58 57.9	
E43A	comp-Z,650nm,18.0s	Lone Tree Farm	112.03	20	IAMS_20	IAMS_20	21 59 20.3	
121A	comp-Z,967nm,18.0s	Cookes Peak, D	112.53	43	P	PKIKP	21 03 58.3	-0.2
D47A	comp-Z,967nm,18.0s	Chapleau	112.59	17	P	PKIKP	21 03 57.7	-0.2
D48A	comp-Z,967nm,18.0s	Paudash Townsh	112.84	16	P	PKIKP	21 03 58.2	-0.2
E47A	comp-Z,967nm,18.0s	Iron Bridge	113.09	17	P	PKIKP	21 03 59.1	+0.2
F45A	comp-Z,967nm,18.0s	CMU Biological	113.12	19	P	PKIKP	21 03 58.0	-0.9
D50A	comp-Z,967nm,18							

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Table with columns: STA, Name, Az, El, P, S, R, T, etc. Includes stations like Gaotai, Bilibino, Tiksi, etc.

Table with columns: Code, Station Name, Az, El, P, S, R, T, etc. Includes stations like ARCES, Obninsk, FINES, etc.

Table with columns: STA, Name, Az, El, P, S, R, T, etc. Includes stations like Peshkopia, Herceg Novi, etc.

21d 21h

21d 21h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GRR Gorron, VSR Storozhevoje, SGMF Saint Gilles, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like NKY Niksic, KOME Kolasin, TREBINJE Trebinje, etc.

Table with columns for Code, Station Name, Azimuth, Elevation, and other technical details. Includes stations like TIR 21:21:30.34,0, 41:89N, 19:24E, etc.

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Table with columns: FITZ, FITZroy Crossi, 57.10 261, P, Iamb, Iamb, 21 51 16.7 -0.9, 21 51 30.3, SWI, Sorong, 57.16 283, P, P, 21 51 17.3 -0.7, VWA, Vanda, 58.53 186, P, P, 21 51 29.6 +2.9, VWA, Vanda, 58.53 186, P, P, 21 51 26.2 -0.5, VWA, Vanda, 58.53 186, P, Iamb, Iamb, 21 51 26.2 -0.5, AAI, Ambon, 58.91 278, P, P, 21 51 31.6 +1.2, NLAJ, Namlea, 60.09 278, P, P, 21 51 38.6 +0.1, SOEI, Soe, 60.58 270, P, P, 21 51 42.6 +0.6, LBMI, Labuha, 60.70 281, P, P, 21 51 43.2 +0.5, TNTI, Ternate, 61.37 283, P, P, 21 51 46.9 -0.3, TSA00, Pilibara Seismi, 61.69 256, Iamb, Iamb, 21 51 50.6, MEEK, Meekehatharra, 61.84 250, P, P, 21 51 49.4 -0.9, KLBR, Kellerberrin, 61.84 244, P, P, 21 51 50.2 0.0, NWA0, Narrogin (SRO), 62.11 243, P, P, 21 51 52.4 +0.4, NWA0, Narrogin (SRO), 62.11 243, LR, LR, 22 17 29.6, NWA0, Narrogin (SRO), 62.11 243, P, P, 21 51 51.5 -0.5, NWA0, Narrogin (SRO), 62.11 243, P, Iamb, Iamb, 21 51 54.8, NWA0, Narrogin (SRO), 62.11 243, Iamb, Iamb, 21 51 54.7, NWA0, Narrogin (SRO), 62.11 243, IAMS_20, IAMS_20, 22 22 30.5, RKGY, Rocky Gully, 62.12 241, P, P, 21 51 53.4 +1.4, MMRI, Miamera, 62.83 271, P, P, 21 51 56.1 -0.9, BLDU, Ballidu, 62.86 245, P, P, 21 51 56.8 -0.3, MUN, Mundaring, 63.09 244, P, P, 21 51 59.2 +0.6, EDFI, Ende, Flores, 63.30 270, P, P, 21 51 59.2 -1.1, BBSI, Bau Bau, 63.53 274, P, P, 21 52 12.3 +1.1, MORW, Morawa, 63.68 247, P, P, 21 52 12.0 -0.5, MORW, Morawa, 63.68 247, Iamb, Iamb, 21 52 04.8, H01W1, Cape Leeuwin H, 64.40 240, P, P, 21 52 11.0 +4.2, KMSI, Cibinang, 64.41 281, P, P, 21 52 09.3 +1.8, H01W2, Cape Leeuwin H, 64.41 240, P, P, 21 52 11.1 +4.2, LWSI, Luwuk, 64.92 279, P, P, 21 52 12.2 +1.4, DAV, Davao City (W), 65.61 288, IAMS_20, IAMS_20, 22 18 42.7, BKSI, Bulukumba, 65.89 273, P, P, 21 52 17.3 +0.2, APSI, Ampang, 66.01 278, P, P, 21 52 18.7 +0.8, KCP, Kidapawan, 66.03 288, P, P, 21 52 17.5 -0.5, BNSI, Bone, 66.21 274, P, P, 21 52 19.5 +0.3, MRSI, Marisa, 66.26 280, P, P, 21 52 19.3 -0.1, SKMP, Saungayan, Su, 66.31 287, P, P, 21 52 17.9 -1.8, KAPI, Kappang, 66.34 273, P, P, 21 52 18.6 -1.4, KAPI, Kappang, 66.34 273, P, MLR, MLR, 21 52 18.6 -1.4, KAPI, Kappang, 66.34 273, P, Iamb, Iamb, 21 52 44.0, GIRL, Girallu, 66.53 253, P, P, 21 52 20.7 -0.4, SPSI, Sidrap Palu, 66.68 275, P, P, 21 52 20.8 -1.3, TTSI, Tana Toraja, 66.95 275, P, P, 21 52 27.5 +3.6, PLAI, Plampang, 66.95 269, P, P, 21 52 23.8 -0.1, MSLP, Maasin, 67.61 291, P, P, 21 52 26.1 -1.9, MPSP, Mapaga, 68.10 279, P, P, 21 52 30.5 -0.6, SRBI, Singaraja, 69.59 269, P, P, 21 52 40.1 -0.4, QSPA, South Pole Qui, 69.79 180, IAMS_20, IAMS_20, 21 52 42.8 +1.8, BKBI, Balikpapan, 70.31 276, P, P, 21 52 50.6, SBKI, Samarinda, 70.31 277, P, P, 21 52 49.1 +4.2, JAGI, Jajag, Banyuw, 70.47 268, P, P, 21 52 46.5 +0.7, JAGI, Jajag, Banyuw, 70.47 268, P, P, 21 52 43.9 -2.0, MJAR, Matsushiro Arr, 72.53 321, P, P, 21 52 57.6 -0.1, MAJO, Matsushiro, 72.53 321, P, P, 21 52 55.6 -2.2, MAJO, Matsushiro, 72.53 321, P, MLR, MLR, 21 52 55.6 -2.2, MAJO, Matsushiro, 72.53 321, P, Iamb, Iamb, 21 52 55.6 -2.2, MAT, Matsushiro, 72.53 321, P, P, 21 52 57.5 -0.3, MAT, Matsushiro, 72.53 321, P, SKIPP, SKIPP, 22 02 28.4 -3.5, MJBS, Matsu-Tunnel, 72.53 321, P, P, 21 52 55.6 -2.2, GRJI, Gresik, 72.53 269, P, P, 21 53 00.2 +1.9, JOW, Kunigami, 73.21 308, P, P, 21 53 03.4 +1.4, JOW, Kunigami, 73.21 308, P, P, 21 52 58.2 -3.8, JOW, Kunigami, 73.21 308, P, Iamb, Iamb, 21 53 08.4, BATP, Bataru, 73.32 286, P, P, 21 53 02.4 -0.5, PCJI, Pacitan, 73.34 267, P, P, 21 53 06.8 +3.7, WOJI, Wonogiri, Jawa, 73.70 268, P, P, 21 53 07.8 +2.6, ERM, Erimo, 73.72 328, P, P, 21 53 05.4 +0.8, SMPSP, San Manuel, Pa, 73.95 294, P, P, 21 53 05.7 -0.8, SCZZ, Santa Cruz Isl, 74.54 44, P, P, 21 53 11.2 +1.5, SC12, San Clemente I, 74.65 46, P, P, 21 53 11.4 +1.1, PKM, Mpherson Peak, 74.78 43, P, P, 21 53 13.2 +0.8, JNU, Nakatsue, 74.98 314, P, P, 21 53 12.4 +0.2, CIS, Catalina Isian, 74.99 45, P, P, 21 53 13.9 +1.6, SMMC, Simmler, 75.12 43, P, P, 21 53 14.7 +1.7, FMP, Fort Macarthur, 75.25 45, P, P, 21 53 15.1 +1.3, SKR, Severo-Kuril's, 75.51 341, P, P, 21 53 09.1 -5.7, SKR, Severo-Kuril's, 75.51 341, P, MLR, MLR, 22 02 47.7 -6.4, OASJ, Osito Audit: C, 75.52 44, P, P, 21 53 16.4 +1.1, ASAJ, Asahikawa, 75.56 329, P, P, 21 53 16.2 +1.0, ARVC, Arvin, 75.76 44, P, P, 21 53 17.7 +1.0

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Table with columns: LPIG, La Paz, 75.82 57, LR, LR, 22 20 00.5, MURC, Murrieta, 75.92 46, P, P, 21 53 18.6 +1.0, SRIG, Santa Rosalia, 75.97 54, IAMS_20, IAMS_20, 22 20 12.9, BFSC, Mount Baldy Ra, 75.99 45, P, P, 21 53 19.0 +0.8, YOJ, Yonaguni jima, 75.99 303, IAMS_20, IAMS_20, 22 21 49.3, SBUM, Sibiu, 76.00 278, P, P, 21 53 20.0 +1.5, VES, Vestal, Richgr, 76.03 43, P, P, 21 53 18.9 +0.7, MONP, Moment Peak, 76.03 47, P, P, 21 53 19.5 +0.9, KMRM, Mail Ridge, 76.05 37, P, P, 21 53 10.7 -7.7, IKP, In-Ko-Pah, Jac, 76.11 47, P, P, 21 53 20.1 +1.3, EDW2, Edwards Air Fo, 76.16 44, P, P, 21 53 19.8 +0.8, ISA, Isabella, Lake, 76.31 43, P, P, 21 53 20.9 +0.9, ISA, Isabella, Lake, 76.31 43, P, Iamb, Iamb, 21 53 11.8 -8.1, PFO, Pinyon Flats O, 76.43 46, P, P, 21 53 20.9 +0.2, PFO, Pinyon Flats O, 76.43 46, P, P, 21 53 17.1 +1.0, PFO, Pinyon Flats O, 76.43 46, P, Iamb, Iamb, 21 53 11.0 -10, XPFO, Pion Flat, 76.43 46, P, P, 21 53 11.2 -9.5, SWSC, San W, Stewart, 76.49 47, P, P, 21 53 22.4 +1.6, O02D, Mt. Diablo Mer, 76.55 38, P, P, 21 53 23.0 +1.8, CMB, Colours Cella, 76.58 41, P, P, 21 53 12.0 -9.3, LRMC, Laurel Mtn Rad, 76.72 44, P, P, 21 53 23.5 +1.2, AFDM, Forest Hills D, 76.81 40, P, P, 21 53 13.4 -9.2, YULB, Yu-I, 76.83 301, Iamb, Iamb, 21 53 27.2, YULB, Yu-I, 76.83 301, IAMS_20, IAMS_20, 22 22 10.8, ORV, Oroville, 76.89 39, P, P, 21 53 15.2 -7.8, WDC, Whiskeytown Da, 76.96 37, P, P, 21 53 14.3 -9.1, BELC, Belle Mtn, Jos, 76.97 46, P, P, 21 53 24.5 +0.8, N02D, Trinity Center, 77.12 37, P, P, 21 53 25.5 +1.0, BC3, Big Chuckwall, 77.14 47, P, P, 21 53 25.7 +1.0, PEAOB, Petropavlovsk, 77.18 343, P, P, 21 53 24.3 0.0, PETK, Petropavlovsk, 77.18 343, P, P, 21 53 24.7 +0.4, GSC, Goldstone, Bar, 77.19 45, P, P, 21 53 25.6 +0.8, MPMC, Manual Prospec, 77.19 44, P, P, 21 53 26.0 +1.0, O03E, Colours Creek, 77.19 38, P, P, 21 53 25.6 +0.8, HEC, Hector, Ludlow, 77.22 45, P, P, 21 53 25.8 +0.8, GLA, Glas, 77.22 47, P, P, 21 53 26.3 +1.2, SSLB, Suanglung, 77.30 301, Iamb, Iamb, 21 53 38.9, SSLB, Suanglung, 77.30 301, IAMS_20, IAMS_20, 22 22 06.1, M02C, Callahan, 77.32 37, P, P, 21 53 26.7 +1.3, YHNB, Yeheng, 77.39 302, IAMS_20, IAMS_20, 22 22 38.3, CNJI, Cibinong, 77.42 267, P, P, 21 53 39.2 +1.3, KSM, Kuching, 77.43 276, P, P, 21 53 26.0 -0.6, TATO, Taipei, 77.45 303, IAMS_20, IAMS_20, 22 23 15.6, YSS, Yuzh-Sakhalins, 77.60 331, P, S, 21 53 27.7 +1.0, YSS, Yuzh-Sakhalins, 77.60 331, P, MLR, MLR, 22 03 14.4 -2.7, YSS, Yuzh-Sakhalins, 77.60 331, P, MLR, MLR, 22 03 14.4 -2.7, YBH, Yreka Blue Hor, 77.62 37, P, P, 21 53 28.3 +1.1, YBH, Yreka Blue Hor, 77.62 37, P, P, 21 53 19.0 -8.2, IRM, Iron Mountain, 77.63 46, P, P, 21 53 28.4 +1.0, GMRC, Granite Mounta, 77.65 46, P, P, 21 53 28.4 +0.9, K02D, Willamette Mer, 77.75 35, P, P, 21 53 29.6 +1.8, Y12C, Blythe, 77.83 47, P, P, 21 53 30.0 +1.6, Y12C, Blythe, 77.83 47, P, Iamb, Iamb, 21 53 32.0 -7.7, FURC, Furnace Creek, 77.84 44, P, P, 21 53 29.6 +1.3, SHUC, Turquoise Hill, 77.85 45, P, P, 21 53 29.5 +0.9, THOQ, Shoshone, Tecu, 77.89 44, P, P, 21 53 29.8 +1.1, CBJI, Citeko, 77.98 268, P, P, 21 53 34.7 +5.0, DBJI, Dora, 78.03 267, P, P, 21 53 31.5 +1.5, 214A, Organ Pipe Nat, 78.03 49, P, P, 21 53 30.7 +1.1, HUMO, Hull Mountain, 78.07 36, P, P, 21 53 22.0 -7.6, RYN, Ryan, 78.10 41, IAMS_20, IAMS_20, 22 23 55.5, NVAR, Nara, 78.11 41, P, P, 21 53 29.4 -0.7, M04C, Macdoel, 78.15 37, P, P, 21 53 31.4 +1.3, L04D, Klamath Falls, 78.17 36, P, P, 21 53 31.2 +0.9, NV11, Mina Array Sit, 78.21 41, IAMS_20, IAMS_20, 22 22 43.3, PDMCI, Parker Dam, Lak, 78.40 47, P, P, 21 53 32.6 +1.1, TPNV, Topopah Spring, 78.52 44, P, P, 21 53 33.6 +1.2, TPNV, Topopah Spring, 78.52 44, P, Iamb, Iamb, 21 53 22.4 -10, I03D, Drain, OR, 78.59 35, P, P, 21 53 33.8 +1.4, I02D, Swisshome, 78.61 34, P, P, 21 53 33.8 +1.4, KVN, Kaiserville, 78.62 41, P, P, 21 53 32.8 -0.1, SHPR, Sheep Range, 78.97 44, P, P, 21 53 26.0 -8.9, I04A, Tendick Farm, 79.16 35, P, P, 21 53 37.1 +1.5, J05D, Fort Rock, OR, 79.47 36, P, P, 21 53 38.9 +1.5, H04D, Lebanon, 79.48 34, P, P, 21 53 38.7 +1.5, KRSR, Korea Array, 79.48 316, P, P, 21 53 38.6 +1.3, G03D, McMinville, O, 79.66 34, P, P, 21 53 39.6 +1.4, TUC, Tucson, 79.67 50, P, P, 21 53 40.1 +1.4, KNMB, Chin-men Tao, 79.68 301, IAMS_20, IAMS_20, 22 27 45.3, R11A, Troy Canyon, C, 79.77 43, P, P, 21 53 39.9 +0.7, R11A, Troy Canyon, C, 79.77 43, P, P, 21 53 31.6 -7.6, 319A, Douglas, 80.28 51, IAMS_20, IAMS_20, 22 24 09.2, TYV, Tymovskoe, 80.58 334, P, P, 21 53 43.0 0.0, TYV, Tymovskoe, 80.58 334, P, P, 21 53 43.0 0.0, TYV, Tymovskoe, 80.58 334, P, P, 21 53 43.0 0.0, MSHR, Mys Shultsa, 80.59 322, P, P, 21 53 44.7 +1.5

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Table with columns: HPIG, HNJG, 80.86 57, IAMS_20, IAMS_20, 22 23 31.1, E04D, Cinebar, 80.93 33, P, P, 21 53 46.9 +1.9, WUAZ, Wupatki, 80.97 47, P, P, 21 53 47.0 +1.3, LWLI, Liwa, 81.06 268, P, P, 21 53 51.9 +5.3, USRK, Ussuriysk Ar, 81.14 324, P, P, 21 53 47.6 +1.5, USA0B, Ussuriysk Arra, 81.14 324, IAMS_20, IAMS_20, 22 25 25.3, D03D, Eldon, 81.33 32, P, P, 21 53 48.4 +1.3, ELK, Elko, 81.39 41, P, P, 21 53 48.7 +0.8, ELK, Elko, 81.39 41, P, P, 21 53 39.1 -8.8, CNPM, China Poot, 81.61 11, IAMS_20, IAMS_20, 22 27 15.3, D05A, Enunclaw, 81.65 33, P, Iamb, Iamb, 21 53 40.6 -8.1, W18A, Petriford Fore, 81.89 48, P, P, 21 53 52.0 +1.4, 121A, Cookes Peak, D, 81.96 51, P, P, 21 53 52.8 +1.8, 121A, Cookes Peak, D, 81.96 51, IAMS_20, IAMS_20, 22 24 00.7, G08A, Pilot Rock, 82.01 36, IAMS_20, IAMS_20, 22 27 07.9, B05A, Bryant, 82.32 32, P, P, 21 53 54.5 +2.3, A04D, Lummi Island, 82.32 31, P, P, 21 53 54.3 +2.1, HAWA, Hanford, 82.40 34, P, Iamb, Iamb, 21 53 44.8 -8.0, DUG, Dugway, Tooele, 82.59 42, P, P, 21 53 55.2 +1.1, DUG, Dugway, Tooele, 82.59 42, P, P, 21 53 46.6 -7.5, TPRI, Tanjung Pinang, 82.64 274, P, P, 21 53 55.9 +2.1, BMO, Blue Mountains, 82.65 37, IAMS_20, IAMS_20, 22 24 00.9, TLIG, Tilapa, 82.68 68, IAMS_20, IAMS_20, 22 22 49.3, MDJ, Mudanjianj, 82.74 323, P, P, 21 53 55.9 +1.3, MDJ, Mudanjianj, 82.74 323, P, P, 21 57 06.8 +1.8, MDJ, Mudanjianj, 82.74 323, P, P, 22 04 12.4 +1.0, MDJ, Mudanjianj, 82.74 323, P, P, 22 09 36.4 +1.9, MDJ, Mudanjianj, 82.74 323, P, P, 21 53 55.9 +1.3, UNM, Universidad Na, 82.86 66, IAMS_20, IAMS_20, 22 27 33.3, KSI, Kapahiang, 82.98 269, P, P, 21 53 56.3 +0.1, NJ2, Nanjing, 82.92 308, P, P, 21 53 57.0 +1.2, NJ2, Nanjing, 82.92 308, P, P, 21 54 07.5 +0.8, NJ2, Nanjing, 82.92 308, P, P, 22 04 16.3 +2.5, NJ2, Nanjing, 82.92 308, P, P, 22 04 16.3 +2.5, NJ2, Nanjing, 82.92 308, P, P, 22 04 16.3 +2.5, MAW, Mawson, 83.12 199, P, P, 21 53 55.2 -1.0, MAW, Mawson, 83.12 199, P, P, 21 53 59.0 +2.7, MAW, Mawson, 83.12 199, P, P, 21 53 59.0 +2.7, MAW, Mawson, 83.12 199, P, P, 21 53 51.8 -4.4, E09A, Wood Farm, Sta, 83.22 35, IAMS_20, IAMS_20, 22 28 47.0, MNTX, Cornudas Mount, 83.33 53, P, P, 21 53 59.5 +1.6, MNTX, Cornudas Mount, 83.33 53, P, P, 21 53 49.4 -8.6, MNTX, Cornudas Mount, 83.33 53, P, Iamb, Iamb, 21 54 01.1, Y22D, IRIS PASSCAL I, 83.35 50, P, P, 21 53 58.9 +0.6, HIN, Hinchinbrook I, 83.36 13, IAMS_20, IAMS_20, 22 30 44.1, SUA, Susitna One, 83.51 11, IAMS_20, IAMS_20, 22 28 29.6, TXAR, Lajitas Array, 83.53 56, P, P, 21 54 00.8 +1.6, MYKOR, Kota Tinggi, 83.58 274, P, P, 21 54 01.0 +1.4, EYAK, Cordova Ski Ar, 83.66 13, IAMS_20, IAMS_20, 22 30 52.0, RAGM, Ragged Mountain, 83.75 14, IAMS_20, IAMS_20, 22 27 24.4, B08A, Colville Reser, 83.77 33, P, P, 21 53 51.1 -8.7, MVCO, Mesa Verde, 83.83 47, P, P, 21 54 02.0 +1.3, SKT, Skwentna, 83.86 10, IAMS_20, IAMS_20, 22 25 02.9, 09A, Chrisman Ranch, 83.96 34, IAMS_20, IAMS_20, 22 27 46.7, PV10, Paradox Valley, 84.07 46, IAMS_20, IAMS_20, 22 22 15.7, PV18, Paradox Valley, 84.09 46, P, P, 21 53 53.4 -8.5, ANMO, Albuquerque, 84.12 50, P, P, 21 54 03.1 +1.1, ANMO, Albuquerque, 84.12 50, P, P, 21 54 04.1 +1.9, ANMO, Albuquerque, 84.12 50, P, P, 21 54 04.1 +1.9, ANMO, Albuquerque, 84.12 50, P, P, 21 53 55.4 -6.8, PV04, Paradox Valley, 84.17 46, IAMS_20, IAMS_20, 22 34 38.6, PV02, Paradox Valley, 84.18 46, IAMS_20, IAMS_20, 22 27 58.0, PV21, Cone Mtn., Par, 84.21 45, IAMS_20, IAMS_20, 22 30 31.7, WAX, Wavel Ridge, 84.23 15, IAMS_20, IAMS_20, 22 38 04.0, PV07, Paradox Valley, 84.36 46, IAMS_20, IAMS_20, 22 31 43.9, DL2, Dalian, 84.42 315, P, P, 21 54 04.3 +1.0, DL2, Dalian, 84.42 315, P, P, 22 04 30.8 +2.3, DL2, Dalian, 84.42 315, P, P, 21 53 35.3, DL2, Dalian, 84.42 315, P, P, 21 53 33.8 +1.4, DL2, Dalian, 84.42 315, P, P, 21 53 33.8 +1.4, DL2, Dalian, 84.42 315, P, P, 21 53 32.8 -0.1, KLR, Kul'dur, 84.47 328, P, P, 21 54 03.2 -0.1, KLR, Kul'dur, 84.47 328, P, P, 21 54 03.2 -0.1, QIZ, Qionghong, 84.52 292, P, P, 21 54 03.8 -0.5, PPLA, Pinyon Flats, Pa, 84.61 10, IAMS_20, IAMS_20, 22 29 24.9, MA2, Magadan, 84.72 343, P, P, 21 53 05.5 +1.2, MA2, Magadan, 84.72 343, P, P, 21 54 05.1 +0.8, MA2, Magadan, 84.72 343, P, P, 21 53 59.2 -5.1, MA2, Magadan, 84.72 343, P, Iamb, Iamb, 21 54 08.4, VRA2, Verde Reser, 84.78 14, IAMS_20, IAMS_20, 22 31 34.5, NEW, Newport, 84.86 34, P, P, 21 54 06.4 +1.0, NEW, Newport, 84.86 34, P, P, 21 54 06.5 +1.1, MCARA, McCarthy VSAT, 85.01 14, IAMS_20, IAMS_20, 22 31 52.8, S22A, 4UR Ranch, Cre, 85.25 47, P, P, 21 54 09.5 +1.6

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Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like Port Moresby, Port Moresby, Port Moresby, etc.

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Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like TNTI Ternate, WAKE Wake Island, H1N1 Wake Island, etc.

21d 21h

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like JNU Nakatsue, MJAR Matushiro Arr, MAJO Matushiro, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Rows include D03D Eldon, BTK Batzen, AFDM Forest Hills D, E04D Cinebar, GAR Garm, SMCC Simmler, PKM McPherson Peak, A04D Lummi Island, J05D Fort Rock, OR, KBL Kabul, KBL comp-Z, 18nm, 1.0s, KBL comp-Z, 400nm, 21.0s, KBL Kabul, KBL comp-Z, 18nm, 1.0s, I05D Terrebonne, OR, K05A Summer Lake, B05A Bryant, G05D Wamic, OR, F05D White Salmon, PINE Pine Mountain, PNTR Pine Nut, ARV Arvin, CIS Catalina Islan, PAHR Pat Rah Range, OMMB Old Mammoth Mi, LTY Libert, ISA Isabella, LA, EDW2 Edwards Air Fo, I07A Ize, RYN Ryan, CWC Cottonwood Cre, NVAR Mina Array Bea, NVAR comp-Z, 318nm, 18.1s, BFC5 Mount Baldy Ra, NV11 Mina Array Sit, HAWA Hanford, LRMC Laurel Mtn Rd, BVAR Borovoye Array, KVN Kaiserville, BRVK Borovoye, BRVK comp-Z, 5.0nm, 0.9s, BRVK Borovoye, MURC Murieta, MPMC Manual Prospec, G08A Pilot Rock, J08A Circle Bar Ran, J08A Colville Reser, B08A comp-Z, 28nm, 1.5s, RRX Edison Barstow, GSC Goldstone, Bar, SYO Syowa Base, MONP2 Monrath Peak, FURC Furnace Creek, PFO Pinyon Flats O, PFO comp-Z, 17nm, 1.1s, PFO Pinyon Flats O, XPFO Pion Flat, HEC Hector, Ludlow, SHOC Shoshone, Teco, BELC Belle Mtn. Jos, C36M Paulatuk, C36M Paulatuk, C36M Paulatuk, SWSC Sam W. Stewart, TPNV Topopah Spring, BMO Blue Mountains, A30M Sachs Harbour, TUQ Turquoise Moun, GMRC Granite Mounta, BC3 Big Chuckawall, NEW Newport, NEW Newport, NEW Newport, IRM Iron Mountain, R11A Troy Canyon, C, R11A Troy Canyon, C, GLA Glamis, Y12C Blythe, ELK Elko, ELK Elko, PDMCI Parker Dam, Lak, W13A Hualapai Mount, HRA Herat, WALA Waterton Lakes

Table with columns: ID, Name, Date, Time, Status, Location, etc. Rows include DUG comp-Z, 20nm, 1.2s, YKA Yellowknife Ar, YKA comp-Z, 0.9nm, 0.8s, U15A North Rim, HSIJ comp-Z, 1.1um, 20.0s, WUAZ Wuksaga, X18A Snowflake, 319A Douglas, EGMT Eagleton, M5EY Mahe Island, BW06 Boulder Array, PDAR Pinedale Array, PDAR comp-Z, 1.1nm, 0.7s, NVL N'Nazarevskaya, NVL NVL, NVL comp-Z, 5.0nm, 0.6s, RLMT Red Lodge, ARU Arti, ARU comp-Z, 553nm, 20.0s, PV14 Lion Creek, Pa, PV14 Parox Valley, PV23 Carpenter Ridg, PV21 Cone Hill, PV17 East Wray Mesa, PV16 Nyswonger Mesa, PV18 Slein Mesa, Pa, PV04 Paradox Valley, PV03 Paradox Valley, PV02 Saucer Basin, PV22 Blue Mesa, PV02 Parox Valley, GEYT Alibeck, GEYT Paradox Valley, PV15 Paradox Valley, EPT El Paso, ANMO Albuquerque, LAO LASA Array, N23A Red Feather La, MNTX Cornudas Mount, RSSD Black Hills, TXAR Lajitas Array, TXAR comp-Z, 0.1nm, 0.3s, R32A Long Quarter, WMOK Wichita Mount, 735A Kennedy, ARCES ARCES Array B, KIV Kislodovsk, KIV comp-Z, 9.0nm, 1.0s, DAMY Dhamar, OBN Obninsk, OBN comp-Z, 5.0nm, 0.9s, U40A Yelville, UALR University of, W41B Gary Mavity, V, ATD Art Tunnel, I42A Draeger Farm, FINES FINES Array B, FINES comp-Z, 0.6nm, 0.5s, FRB Froisher Bay, CMU Biological, G45A Suttons Bay, SFIN Lafayette, WVT Waverly, D47A Chapleau, I47A Gladwin, N47A Urbana, N47A Urbana, E47A Iron Bridge, K47A Vermontville, FURI Furi, WCI Wyandotte Cave, WCI Wyandotte Cave, WCI SNET, Q48A North Vernon, N48A Decatur, M48A Edgerton, O48A Farmland, O48A Harrisville, P48A Milroy

Table with columns: ID, Name, Date, Time, Status, Location, etc. Rows include AKASG Malin Array Be, AKASG comp-Z, 0.7nm, 0.4s, AKAB Malin Array Si, K48A Perry, PLCA Paso Flores, KMBO Kliima Bobjo, KMBO Kliima Bobjo, L48A N Adams, F48A Evansville, J48A Bridge Port, LRAL Lakeview Retre, E48A Looker, D49A Beulah Townshi, P49A Miami Univ. Ec, N49A Columbus Grove, J49A Marlette, O49A Covington, BR131 Keskin Array S, BR131 Keskin Array S, BR131 Keskin Array S, BRTR Keskin Array S, BRTR comp-Z, 2.0nm, 0.9s, Z50A Ashland, R50A Paris, R50A Cable, P50A Jamestown, L50A Kingsley, Q50A Georgetown, CSGN Cosignina Volc, N50A Nevada, D50A G1974 Best Tow, ACSO Alum Creek Sta, SORM Soroca, SORM Soroca, IMATQ Matagani, O51A Peablies, CRIN San Cristobal, MLM MLestii Mici, F51A Arnest, I51A Listowel, O51A Pataskala, TKL Tuckaschesche C, NB2 NORARS Subarrat19, NOA NORARS Array B, NOA comp-Z, 0.7nm, 0.7s, Y52A Lilburn, J52A Paris, E52A Mattawa, Q52A Bidwell, D53A Lac Vacive, Po, T53A Wisconsin, O53A New Philadelph, M53A WI Miller and, CFR Carcaiu, BOSA Boshof, GOGA Godfrey, G53A Haliburton, N53A Lisbon, P53A Whipple, ALGO Algonquin Park, TIRR Tirusor, E53A Dumoine, Ponti, G54A Lake Saint Pet, H53A Bobcaygeon, TESR Tesconi, E54A Lac Duval, Po, D54A Lac Fusel, La, BIZ O54A Avella, N54A Moraine State, S54A Dinkes, Beckl, Q54A Coxs Mills, L54A Sinclairville, X54A Belton, M54A Oil Creek Stat, W54A Cherokee Point, V54A Nebo, P54A Burton, ACON Acopya, R54A Victor, BURAR Bucoovina Array, Q55A Buckhannon, U55A TA2, Sparta, P55A Reedsville, H55A Tweed, Y55A Saluda, G55A Calabogie, V55A Taylorsville

21d 22h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like D55A Sainte-Anne-du, S55A Lewisburg, X55A Gracelyn & Ava, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like H58A Gabels, GZR Zura Glata, GZR Zita Zita, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like GERES GRESS Array B, H65A Eastbrook, G65A Princeton, etc.

MEX 21 22:00:14.4: 0.7, 14.16N-92.62W, h11km, 999km, MD3.8
GCG 21 22:00:23.6: 0.5, 14.559N-91.03W, h18km, MD3.1
ISC 21 22:00:07.2: 1.1, 14.1N-0.2, 92.11W, 0.10, h10km, n6,
c28677, Near coast of Chiapas

PCIG iS Sn 22 00 59.6 -4.1
CCIG Comitan 1, 35 359 iP Pb 22 00 47.7 +1.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UPM, RUD, TREB, DBRK, etc.

ICD 21 22:09:24.7.2.3. 6.69S; 154.82E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.740, mbtmp3.8/6, ML3.9/1, MS4.1/1, Ms1.4.1/1, ms1mx3.5/3.1, Error ellipse: s-maj=65.0km s-min=29.9km az=103.0

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

ICD 21 22:32:13.8.1.8. 6.86S; 154.76E, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.6/36, mbtmp3.7/5, ML3.4/1, MS3.2/1, Ms1.3.2/1, ms1mx2.9/30, Error ellipse: s-maj=49.7km s-min=40.8km az=129.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRVT, GUMO, WRA, CMAR, etc.

MEX 21 22:48:01.9.1.7. 17.24N; 95.08W, h48km, 14km, MD4.1, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMIG, OXBJ, VHO, etc.

ICD 21 22:51:04.7.1.2. 8.21S; 156.11E, h0km, mb4.0/5, mb1 4.1/6, mb1mx3.8/27, mbtmp4.0/6, ML3.1/1, MS3.5/2, Ms1.3.5/2, ms1mx3.1/25, Error ellipse: s-maj=33.6km s-min=25.7km az=166.0

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

NIC 21 22:59:36.7.0.0. 36.26N; 31.30E, h50km, 18km, M2.6/3, DDA 21 22:59:46.6.36.09N; 31.56E, h28km, 1km, ML 1.8, ISC 21 22:59:43.2.1.4. 35.91N; 0.05; 31.45E; 0.06, h33km, 6km, n14, c183Z/22, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GAZI, KEZP, AKMS, etc.

ICD 21 22:59:52.2.2.8. 7.30S; 155.87E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/27, mbtmp3.5/4, Error ellipse: s-maj=86.8km s-min=43.6km az=136.0, Bougainville-Solomon Islands region

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

ICD 21 23:16:27.4.1.8. 19.55N; 119.91E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/29, mbtmp3.6/3, Error ellipse: s-maj=152.0km s-min=30.1km az=75.0, Phillipine Islands region

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

ICD 21 23:29:15.5.0.7. 6.86S; 154.75E, h0km, mb4.3/14, mb1 4.5/16, mb1mx4.3/36, mbtmp4.3/16, ML2.4/1, MS3.9/14, Ms1.3.9/14, ms1mx3.7/32, Error ellipse: s-maj=21.2km s-min=16.8km az=132.0

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

DJA 21 23:29:27.1.1.5. 7.5S; 155.15E; 1.5, h73km, 9km, MS.0/14, mb4.5/14, mb4.8/3, ML3.5/3.1, Mw(mb)4.0/3

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

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

NEIC 21 23:31:57.5.2.0. 15.25S; 0.1x167.5E; 0.2, h128km, 8km, mb4.8/27, Error ellipse: s-maj=24.7km s-min=15.3km

ICD 21 23:31:57.5.2.0. 15.14S; 167.45E, h124km, 40km, mb4.1/13, mb1 4.2/14, mb1mx3.9/34, mbtmp4.5/14, Error ellipse: s-maj=35.7km s-min=16.8km az=39.0

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

22d Oh

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BHHZ Black Hill Sta, KHRH Kereru, CAN Canberra, etc.

UPP 21 23:38:11.9,0.3, 67.86N:20.28E, h0km, ML3.5, Explosion
HEL 21 23:38:12.4,0.2, 67.85N:20.20E, h0km, ML2.1,
ML1.2(UPP), Explosion

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KOVU Salmi, KOVU Salmi, LANU Lannavaara, etc.

ATH 21 23:45:16.8, 40.66N:20.76E, h1km, ML2.4/14, Error
ellipse: s-maj=2.3km s-min=1.3km az=137.0
THE 21 23:45:17.0, 40.63N:20.74E, h0km, ML2.5/7, Error
ellipse: s-maj=1.5km s-min=0.4km az=300.0

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

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Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PENT Pentelofos, PENT Pentelofos, PENT Pentelofos, etc.

DJA 22 00:30:38.4,0.1, N:7.12'E, h10km, M3.5/7, ML3.5/7,
Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TNTI Ternate, LBMI Labuha, KMSI Cibinong, etc.

IDC 22 00:33:03.1, 1.4, 0.31N:92.14E, h0km, mb3.9/6, mb1.4/0.8,
mb1mx3.6/4.1, mbtmp3.8/8, ML3.7/1, MS3.6/1, Ms1.3/6.1,
ms1mx2.6/4.6, Error ellipse: s-maj=48.9km s-min=21.2km
az=52.0

NEIC 22 00:33:05.0, 2.3, 0.4N:0.1:92.23E:0.09, h15km, 2km,
mb4.5/4, Error ellipse: s-maj=21.1km s-min=11.9km
az=199.0

DJA 22 00:33:12.7, 2.2, 1.1N:9.9:93E:1.8, h10km, M5.0/7, mB5.5/4,
mb5.0/7, mb5.3/2, MLv4.8/7, Mw(mB)5.0/4

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

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KCSI Kotacane, LHHI Lhok Sumawe, RPSI Rantau Prapat, etc.

KRN22 00:38:45.6:0.1, 39.58N:75.03E, mb2.9
N1C 22 00:38:49.8:3.4, 39.93N:74.86E, h0km, mb3.5, mpv3.2,
Error ellipse: s-maj=24.9km s-min=13.9km az=167.0

SOME 22 00:35:51.5, 40.07N:74.80E, h15km
ISC 22 00:38:48.3:1.5, 39.88N:0.07:74.93E:0.03, h10km, n34,
i1659/57, 19C-9D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NRN Naryn, NRN Naryn, ARLS Aral, ARLS Aral, ARSB Arslanbob, etc.

Table with columns: KRBS, 3.8nm, 0.8s, eS, Sg, 00 40 48.0 -3.9. Includes stations like Karabastau, Kurty, Uzynbulak, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Red Dog Mine, Nome, Indian Mountain, etc.

Table with columns: YSS, comp=N, 2um, 0.4s, smax, smax. Includes stations like Kholm, Nevel'sk, Uglegorsk, etc.

Table with columns: WEL 22:00:47:00.8:1.2, 35 S, 26 W, 179 E, 37, h289km, 27km, M3.7/8, ML3.8/6, MLV3.7/8, South of Kermadec Islands. Includes stations like Te Kaha, Pakhiroa, Raukumara Rang, etc.

Table with columns: NEIC 22:01:58:41.9:1.7, 21:2S:0:2, 172:67W:0:05, h35km, 2km, mb4.6/9, Error ellipse: s-maj=28.4km s-min=6.4km. Includes stations like Yellowknife Ar, Lajitas Array, etc.

Table with columns: ATH 22:02:54:51.9, 39:04N, 22:14E, h77km, 1km, ML1.9/9, Error ellipse: s-maj=2.1km s-min=1.2km az=246.0, Greece. Includes stations like Makrakom, Agios Georgios, etc.

Table with columns: IDC 22:00:56:18.2:0.8, 6.85S, 0:1, 155.0E:0.1, h41km, n11, r1512/12, mb3.7/8, Bougainville-Solomon Islands region. Includes stations like Keravat, Warramunga Arr, Alice Springs, etc.

Table with columns: IDC 22:01:58:44.0:1.3, 20:8S:0:4, 173:0W:0:2, h35km, n28, r2513/30, mb4.3/10, 6C-2D, Tonga Islands region. Includes stations like Niue, Mont Dzumac, Alice Springs, etc.

Table with columns: IDC 22:01:15:23.8:3.5, 4.65S, 103:04E, h0km, mb3.7/6, mb1.3/8, mb1.3x3.6, mbtmpp3.7/6, Error ellipse: s-maj=158.0km s-min=23.2km az=52.0, Southern Sumatera. Includes stations like Diego Garcia, Warramunga Arr, etc.

Table with columns: IDC 22:01:35:44.7:1.0, 67:37N:0:07, 162:36W:0:07, h10km, n17, r2522/23, Northern Alaska. Includes stations like Red Dog Mine, Nome, Indian Mountain, etc.

Table with columns: IDC 22:02:07:41.7:12.0, 13:70N:145:29E, h151km, 120km, mb3.3/7, mb1.3/5, mb1.3x3.35, mbtmpp3.7/7, Error ellipse: s-maj=36.8km s-min=24.6km az=87.0, Mariana Islands. Includes stations like Warramunga Arr, Alice Springs, etc.

Table with columns: IDC 22:02:55:10.1, 38:22N:20:38E, h8km, 2km, ML1.1/1, Error ellipse: s-maj=2.7km s-min=1.4km az=265.0, Greece. Includes stations like Keph, Livadi, Kardakata, etc.

Table with columns: IDC 22:01:41:04.3:4.5, 68:11N:162:81W, h0km, mb2.9/2, mb1.3/6, mb1.3x3.2/37, mbtmpp3.2/4, ML3.2/2, MS2.8/1. Includes stations like Keravat, Warramunga Arr, etc.

Table with columns: IDC 22:02:07:45.5:1.3, 47:44N:143:76E, h0km, mb3.7/6, mb1.3/9, mb1.3x3.6/28, mbtmpp3.6/7, ML3.1/1, MS2.3/1, Ms1.2/3.1, ms1mx2.0/35, Error ellipse: s-maj=36.0km s-min=25.4km az=152.0. Includes stations like Warramunga Arr, Alice Springs, etc.

Table with columns: IDC 22:02:55:43.4:6.2, 31:20'N:130:39'E, h165km, 33km, mb3.1/3, mb1.3/4, mb1.3x3.2/39, mbtmpp3.5/4, Error ellipse: s-maj=78.0km s-min=45.2km az=172.0. Includes stations like Keph, Livadi, Kardakata, etc.

Table with columns: SNET, Serv Nac Est T, comp=Z, 758nm, 0.3s, 2.98 294 eP, Pn, 04 19 27.1 +1.0, 04 20 08.1

IDC 22 04:21.21.3.1.3, 17.73S:69.55W, h132km, 13km, mb3.5/7, mb1 3.6/12, mb1mx3.5/32, mbmp4.0/12, Error ellipse: s-maj=18.8km s-min=12.8km az=90.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, PB16, IPOC Station P, 0.68 168 eP, Pn, 04 21 44.1 +1.0

Table with columns: PSGC, Pisagua, 1.97 193 eP, Pn, 04 21 56.0 +0.3, 04 22 23.0

TRN 22 04:25:18.9, 10.81N-62.28W, h97km, MD3.6, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, GUIV, Guiria, 0.17 161 eP, Pn, 04 23 32.0 +0.6

IDC 22 04:26:45.3.2.2.1.16S:67.12W, h182km, 26km, mb3.2/2, mb1 3.2/4, mb1mx3.0/27, mbmp3.4/4, Error ellipse: s-maj=56.6km s-min=13.6km az=101.0, Chile-Bolivia border region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, LVC, Limon Verde, 2.21 229 P, Pn, 04 27 26.1 +1.0

NEIC 22 04:53:52.2.1.1.50.2N:0.2:139.4W:0.2, h15km, 10km, Error ellipse: s-maj=25.8km s-min=14.1km az=211.0

PGC 22 04:53:58.4.3.4.50.61N:139.19W, h10km, MLN3.7/4, MW4.3/4, 584km Wsw of Sandspit, Bc West Of Vancouver Island

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, DIB, Dawson Inlet, 5.17 51 Op, Pn, 04 55 10.9 +2.2

Table with columns: DHAK, Deception Hill, 8.98 3 Pn, Pn, 04 58 03.0 +2.0, 04 58 03.0 +2.0

NEIC 22 04:57:55.9.1.5.15.0S:0.1:173.96W:0.06, h10km, 1km, mb4.7/4, Error ellipse: s-maj=21.7km s-min=7.6km az=158.0

IDC 22 04:57:56.8.1.4.14.64S:174.30W, h0km, mb4.0/9, mb1 4.4/9, mb1mx4.1/33, mbmp4.0/9, MS3.7/10, MS1 3.7/10, ms1mx3.3/26, Error ellipse: s-maj=59.7km s-min=21.6km az=154.0

IDC 22 04:57:56.0.0.6.15.02S:0.09:173.92W:0.10, h10km, n45, e1999/26, mb4.2/12, MS3.7/12, Tonga Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, AFI, Afiamau, 2.35 62 Pn, Pn, 04 58 31.7 -3.1, 04 58 31.7 -3.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IJMK Ichinoseki, JMM Marumori, JOU Okura, etc.

TRN 22 05:55:49.8, 17:52N:62:56W, h115km, MD4.2
IDC 22 05:55:50.0, 0.9, 17:47N:62:54W, h103km, 11km, mb3.3/7,
mb1 3.0/10, mb1mx3.4/7, mbtmp3.9/10, Error ellipse:
s-maj=20.2km s-min=7.5km az=27.0

NEIC 22 05:55:50.9, 1.4, 17:46N:10:62:54W, h116km, 4km,
mb4.0/6, Error ellipse: s-maj=17.1km s-min=5.8km
az=216.0

ISC 22 05:55:51.0, 0.6, 17:49N:05:62:56W, h116km, 5km,
n104, r103/123, mb3.7/9, 4C-1D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKI Saint Kitts, SKI SKI, SKI Saint Kitts, etc.

TRN 22 05:52:18.4, 1.2, 7:60S:154:85E, h0km, mb3.9/9,
mb1 4.1/10, mb1mx4.0/29, mbtmp3.9/10, ML4.0/1, Error
ellipse: s-maj=32.1km s-min=25.3km az=131.0

ISC 22 05:52:23.2, 1.0, 7:65S:01:154:8E, h0.2, h31km, n10,
o090/11, mb3.9/9, Bougainville-Solomon Islands region

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

PGC 22 05:54:13.8, 3.5, 50:78N-139:03W, h10km, MLSn3.7/4,
Mw4.3/4, 580km Wew of Sandspit, Bc West Of
Vancouver Island, West of Vancouver Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DIB Dawson Inlet, BNB Barry Inlet, BNB Naden, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KIAG Kiagna River, YUKS Granite Creek, BALM Baldy, etc.

TRN 22 05:55:49.8, 17:52N:62:56W, h115km, MD4.2
IDC 22 05:55:50.0, 0.9, 17:47N:62:54W, h103km, 11km, mb3.3/7,
mb1 3.0/10, mb1mx3.4/7, mbtmp3.9/10, Error ellipse:
s-maj=20.2km s-min=7.5km az=27.0

NEIC 22 05:55:50.9, 1.4, 17:46N:10:62:54W, h116km, 4km,
mb4.0/6, Error ellipse: s-maj=17.1km s-min=5.8km
az=216.0

ISC 22 05:55:51.0, 0.6, 17:49N:05:62:56W, h116km, 5km,
n104, r103/123, mb3.7/9, 4C-1D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKI Saint Kitts, SKI SKI, SKI Saint Kitts, etc.

TRN 22 05:52:18.4, 1.2, 7:60S:154:85E, h0km, mb3.9/9,
mb1 4.1/10, mb1mx4.0/29, mbtmp3.9/10, ML4.0/1, Error
ellipse: s-maj=32.1km s-min=25.3km az=131.0

ISC 22 05:52:23.2, 1.0, 7:65S:01:154:8E, h0.2, h31km, n10,
o090/11, mb3.9/9, Bougainville-Solomon Islands region

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

PGC 22 05:54:13.8, 3.5, 50:78N-139:03W, h10km, MLSn3.7/4,
Mw4.3/4, 580km Wew of Sandspit, Bc West Of
Vancouver Island, West of Vancouver Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DIB Dawson Inlet, BNB Barry Inlet, BNB Naden, etc.

TRN 22 06:02:45.6, 1.7, 50:72N-139:13W, h10km, MLSn3.7/4,
Mw4.3/4, 574km Wew of Sandspit, Bc West Of
Vancouver Island, West of Vancouver Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DIB Dawson Inlet, BNB Barry Inlet, BNB Naden, etc.

JMA 22 06:07:29.4, 0.1, 37:47N-141:90E, h34km, 3km, M3.5,
Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFK Kawauchi, JFM Minamisomatoc, JMT Iwakimizuishi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, H102A ASCENSION HYDF63.74 114, etc.

PGC 22 06:02:45.6, 1.7, 50:72N-139:13W, h10km, MLSn3.7/4,
Mw4.3/4, 574km Wew of Sandspit, Bc West Of
Vancouver Island, West of Vancouver Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DIB Dawson Inlet, BNB Barry Inlet, BNB Naden, etc.

JMA 22 06:07:29.4, 0.1, 37:47N-141:90E, h34km, 3km, M3.5,
Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFK Kawauchi, JFM Minamisomatoc, JMT Iwakimizuishi, etc.

GGC 22 06:13:50.0, 0.4, 13:76N-91:58W, h16km, 6km, MD4.0
UCR 22 06:13:53.9, 1.0, 14:05N-91:35W, h29km, 6km, ML3.8
SNET 22 06:13:54.0, 0.4, 14:06N-91:34W, h28km, 5km, ML3.8

ISC 22 06:13:52.3, 2.1, 13:90N-01:101.4W, 0.1, h21km, 6km, n38,
o084/48, 2D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FUG Fuego 3, STG San Ignacio 3, PCG Pacaya, etc.

PGC 22 06:14:22.1, 0.1, 14:05N-91:35W, h29km, 6km, ML3.8
SNET 22 06:13:54.0, 0.4, 14:06N-91:34W, h28km, 5km, ML3.8

ISC 22 06:13:52.3, 2.1, 13:90N-01:101.4W, 0.1, h21km, 6km, n38,
o084/48, 2D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FUG Fuego 3, STG San Ignacio 3, PCG Pacaya, etc.

PGC 22 06:14:22.1, 0.1, 14:05N-91:35W, h29km, 6km, ML3.8
SNET 22 06:13:54.0, 0.4, 14:06N-91:34W, h28km, 5km, ML3.8

ISC 22 06:13:52.3, 2.1, 13:90N-01:101.4W, 0.1, h21km, 6km, n38,
o084/48, 2D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FUG Fuego 3, STG San Ignacio 3, PCG Pacaya, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ShimanoMisato, Izumosakaura, Toyohira, Saijyo, Ikuma, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, FAKI Fak Fak, SIJUI Sorong, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AAK, EKS2, BOOM, etc.

IDC 22:06:31:52.2.9,3191S-178.00W, h0km, mb3.8/2, mb1 4.0/4, mb1mx3.7/31, mbtmp3.8/3, ML3.4/1, MS2.8/2, Ms1 2.8/2, ms1mx2.5/31, Error ellipse: s-maj=71.3km s-min=44.8km az=128.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, DZM Mont Dzumac, etc.

PGC 22:07:08:25.7.2.3, 50.89N:139.09W, h10km, MLNS3.7/2, Mw4.3/2, 562km Wsw of Sandspit, Bc West Of Vancouver Island, West of Vancouver Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, PSAA00 Pilbara Seismi, BBOO Buckleboo, etc.

IDC 22:06:32:32.6:4.5, 17.245S-175.59W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.6/35, mbtmp3.7/4, Error ellipse: s-maj=314.9km s-min=32.3km az=152.0, Tonga Islands

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

WEL 22:06:45:02.0:0.8, 33.5Sx17.9Ez2.3, h33km, M4.0/10, mb4.6/6, ML4.3/10, MLv4.1/10, Mw(mb)3.8/6, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, WMGZ Waioamatatia S, HAZ Te Kaha, etc.

IDC 22:07:11:27.8:0.0, 33.50S:56.44E, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.3/40, mbtmp3.6/2, Error ellipse: s-maj=368.5km s-min=45.6km az=34.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DIB Dawson Inlet, NDB Naden, BNB Barry Inlet, etc.

IDC 22:07:45:26.9:1.1, 6.69S:154.75E, h0km, mb3.8/7, mb1 4.0/10, mb1mx3.8/41, mbtmp3.8/10, ML3.1/3, MS3.0/1, ms1 3.0/1, ms1mx2.4/28, Error ellipse: s-maj=30.6km s-min=20.9km az=136.0, NEIC 22:07:45:32.6:1.2, 6.69S:0.08:154.7E:0.1, h39km, 7km, mb4.5/15, Error ellipse: s-maj=14.8km s-min=11.1km az=101.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Kervat (AS076), HNR Honiara, etc.

IDC 22:06:59:42.6:7.7, 50.96N:178.31W, h0km, mb3.2/4, mb1 3.7/5, mb1mx3.4/58, mbtmp3.4/5, ML3.8/1, Error ellipse: s-maj=150.1km s-min=66.3km az=92.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KIWB Kanaga Island, ADK Adak, ATKA Atka Island, etc.

KRNET 22:07:24:12.8:0.1, 39.68N:74.21E, mb3.2, NNC 22:07:24:14.5:3.6, 39.94N:74.29E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=25.2km s-min=17.1km az=168.0, SOME 22:07:24:17.1, 40.10N:74.02E, h15km, ISC 22:07:24:16.4:2.0, 39.59N:74.32E, h0km, 16km, n30, c141/50, 16C-13D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, ASAR Alice Springs, etc.

IDC 22:07:54:36.2:4.2, 38.08N:73.45E, h115km, 27km, mb3.7/6, IDC 22:07:54:36.2:4.2, 38.08N:73.45E, h115km, 27km, mb3.7/6,

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

IDC 22:07:00:09.0:2.8, 7.41S-155.02E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/41, mbtmp3.5/3, Error ellipse: s-maj=220.2km s-min=32.9km az=134.0, Bougainville-Solomon Islands region

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

IDC 22:07:06:01:6:2.6, 6.39S:130.31E, h114km, 26km, mb3.4/1, mb1 3.9/5, mb1mx3.4/51, mbtmp3.4/5, MS3.3/1, Ms1 3.3/1, ms1mx2.4/16, Error ellipse: s-maj=55.3km s-min=21.2km

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

IDC 22:07:54:36.2:4.2, 38.08N:73.45E, h115km, 27km, mb3.7/6,

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

mb1 3.6/13, mb1mx3.3/50, mbtmp3.9/13, Error ellipse: s-maj=43.4km s-min=20.5km az=144.0
 NEIC 22 07:54:40.1±1.5, 38°32'N, 106°73'27E±0.08, h143km, gm, mb4.0/6, Error ellipse: s-maj=11.0km s-min=7.0km az=126.0
 NNC 22 07:54:40.7±8.5, 38°61'N, 73°11'E, h0km, mb4.5, mpv4.1, Error ellipse: s-maj=68.7km s-min=51.2km az=168.0
 BUJ 22 07:54:41.1±0.0, 38°33'N, 73°61'E, h151km, mb4.3/1, mb3.9/1
 ISC 22 07:54:38.4±0.6, 38°21'N, 104°73'56E±0.05, h140km, n58, c27/10/69, mb4.0/9, 3C-3D, Tajikistan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
Op	h m s	ISC	ISC	ISC	ISC	ISC
KSH	Kashi	2.29	55	P	07 55 14.1	-2.4
KSH	Kashi			S	07 55 38.4	-7.5
KSH	comp=N, 4μm, 0.5s			smax		
KSH	comp=E, 5μm, 0.5s			smax		
GAR	Garm	2.66	288	Pn	07 55 20.3	-0.8
GAR	Garm			S	07 55 50.4	-3.6
BTIK	Batken	2.82	312	Pn	07 55 52.2	+0.1
CHGR	Chuyangaron	3.48	279	Pn	07 55 50.3	-1.4
CHGR	Chuyangaron			S	07 56 07.9	-5.0
AML	Almalyashu	3.92	1	P	07 55 38.2	+0.7
KZA	Kyzart	4.07	18	Pn	07 55 40.7	+1.0
UCH	Uchtor	4.08	10	Pn	07 55 40.8	+1.0
EKS2	Erkin-Say	4.45	2	P	07 55 45.7	+1.3
AAK	Ala-Archa	4.48	9	Pn	07 55 46.1	+1.4
AAK	Ala-Archa			S	07 56 36.8	+0.4
AAK	1.8nm, 0.3s, baz=210, slow=16, SNR=1.7			Pn	07 55 46.2	+1.4
AAK	Ala-Archa	4.48	9	Pn	07 55 46.0	+1.2
AAK	13nm, 0.6s			Sn	07 56 37.7	+1.2
ULHL	Ulahol	4.52	26	P	07 55 46.8	+1.3
CHCP	Chirah Chowk	4.55	183	P	07 55 49.2	+3.5
NIL	Nilore	4.56	183	P	07 55 48.8	+3.0
CEP	Cheerat	4.58	197	P	07 55 48.2	+2.0
CEM	Boomsokoye usch	4.64	22	P	07 56 40.0	+1.1
KDJ	Kailsay	4.80	34	P	07 55 51.2	+2.2
TKM2	Tokmak 2	4.95	18	P	07 55 52.8	+1.7
TKM2	Tokmak 2			Sn	07 55 51.7	+0.6
TKM2	19nm, 0.8s			Sn	07 56 48.3	+0.5
KBL	Kabul	5.17	226	Pn	07 55 55.2	+1.2
KBL	Kabul			S	07 56 53.2	+0.3
KK31	Karatas Array	5.41	336	Pn	07 55 56.8	-0.2
KK31	32nm, 0.5s, baz=144, slow=13, SNR=1.66			Sn	07 56 53.1	-5.3
KK31	34nm, 0.3s, baz=146, slow=20, SNR=2.9			S	07 55 56.9	-0.1
KK31	Karatas Array	5.41	336	Pn	07 55 56.8	-0.2
KKAR	Karatas Array	5.41	336	Pn	07 56 01.7	+1.9
THW	Thamme Wali	5.61	196	P	07 56 02.9	+2.6
PRZ	Przeval'ski	5.65	39	P	07 56 12.5	+2.5
DHRM	DHARAMSHALA	6.36	159	eP	07 57 19.8	-1.8
DHRM	DHRM			eS	07 57 25.0	
DHRM	comp=E, 96nm, 0.5s			IAML		
DHRM	comp=N, 110nm, 0.0s			IAML		
SMLA	Simla	7.67	156	eS	07 57 47.1	-5.7
SMLA	comp=N, 115nm, 0.7s			IAML		
SMLA	comp=E, 99nm, 0.3s			IAML		
HRA	Herat	9.90	251	Pn	07 56 56.4	-1.0
IKAR	Ikatanchi Arr	10.72	34	P	07 57 08.7	+0.6
IKAR	comp=E, 0.5nm, 0.3s, baz=204, slow=14, SNR=5.3			Pn	07 57 28.3	+2.7
WMQ	Urumpi	12.05	58	eP	07 57 23.9	-3.3
GEYT	Alibek	12.18	273	Pn	07 57 26.7	-1.5
GEYT	comp=E, 1.5nm, 0.3s, baz=93, slow=11, SNR=7.0			Pn	07 57 26.7	-1.5
GEYT	comp=E, 0.2nm, 0.3s, baz=263, slow=35, SNR=1.7			Pn	07 57 24.1	-3.1
GYA0B	ALIBEK ARRAY	12.18	273	Pn	07 57 36.0	-0.4
KURBB	Kuruchot Arr	12.90	14	Pn	07 57 39.4	+1.6
KURBB	comp=E, 0.1nm, 0.3s, baz=197, slow=18, SNR=2.2			Pn	07 57 37.3	-1.1
KURK	Kuruchot	13.01	14	Pn	07 57 39.4	+1.6
DANN	Dangising	13.01	136	eP	07 57 37.3	-1.1
KOLN	Koldanda	13.39	138	eP	07 57 42.1	-1.0
KOLN	comp=E, 8.8nm, 0.4s			Pn	07 57 55.3	+0.1
DMN	Daman	14.34	134	eP	07 57 57.3	-0.5
PJKI	Pulchoki	14.54	133	eP	07 58 02.0	-0.8
PJKI	Jiri	14.93	131	eP	07 58 02.0	-0.8
PJKI	comp=E, 23nm, 0.3s			Pn	07 58 02.0	-0.8
BVAR	Borovoye Arr	14.98	353	P	07 58 02.8	-0.4
BVAR	comp=E, 0.2nm, 0.3s, baz=128, slow=9.6, SNR=4.2			Pn	07 58 02.8	-0.4
BRVK	Borovoye	15.02	352	Pn	07 58 13.3	+0.1
BRVK	Ramite	15.02	352	Pn	07 58 20.9	+1.7
ODAN	Odare	16.23	130	eP	07 58 17.9	-1.5
AKTO	Akyubinsk	16.48	323	P	07 58 33.8	+0.8
AKTO	comp=E, 0.1nm, 0.3s, baz=120, slow=17, SNR=1.6			Pn	07 58 34.1	+0.5
ZAA0	Zalovoye Array	17.53	23	P	07 58 34.1	+0.5
ZALV	Zalovoye Beam	17.53	23	P	07 58 34.1	+0.5
ZALV	comp=E, 0.1nm, 0.3s, baz=219, slow=9.1, SNR=3.5			P	08 01 36.2	+0.2
FIAT	FINESS Array B	37.24	324	P	08 01 55.9	
FIAT	comp=Z, 2.7nm, 0.9s			IAMB		
FINES	FINESS Array B	37.24	324	P	08 01 37.2	+1.2
FINES	comp=Z, 1.1nm, 0.5s, baz=115, slow=8.2, SNR=9.6			P	08 02 03.1	+1.1
ARCEB	ARCEB Array B	40.37	306	P	08 02 33.6	+0.3
ARCEB	comp=Z, 6.7nm, 1.1s, baz=115, slow=5.8, SNR=9.9			P	08 02 34.1	+0.5
NB201	NORSAR Array S	44.23	322	P	08 02 34.5	+0.8
NB2	NORSAR Subarra	44.27	322	P	08 02 34.5	+0.8
NOA	NORSAR Array B	44.27	322	P	08 05 21.2	-0.2
NOA	comp=Z, 0.8nm, 0.4s, baz=93, slow=7.7, SNR=6.2			P	08 05 28.2	+1.6
TORD	Torodi Arr. Bea	67.78	269	P	08 05 41.8	
TORD	comp=Z, 2.6nm, 0.8s, baz=46, slow=6.1, SNR=13			P	08 05 46.3	+0.8
TOLK	Toolik Lake Re	68.74	16	P	08 05 47.0	+1.5
TOLK	comp=Z, 3.9nm, 1.4s			P	08 06 05.7	
INK	Inuvik	71.88	10	P	08 05 47.0	+1.5
INK	comp=Z, 0.8nm, 0.5s, baz=2.8, slow=7.7, SNR=5.2			P	08 06 05.7	
INK	Inuvik	71.88	10	P	08 05 47.0	+1.5
INK	comp=Z, 2.9nm, 1.3s			P	08 05 47.0	+1.5
C36M	Paulatuk	71.97	6	P	08 05 48.3	
C36M	comp=Z, 2.0nm, 0.7s			P	08 06 30.1	+1.5
YKA	Yellowknife Arr	79.42	4	P	08 06 30.1	+1.5
YKA	comp=Z, 0.4nm, 0.5s, baz=352, slow=5.2, SNR=19			P	08 06 30.1	+1.5

IXG	ixpaco	2.85	102	eP	Pn	08 03 20.8	0.0
IXG	ixpaco	2.85	102	eP	Pn <td>08 03 21.9</td> <td>+1.1</td>	08 03 21.9	+1.1
HUIG	Huatulco	2.87	290	iP	Pn <td>08 03 20.6</td> <td>-0.3</td>	08 03 20.6	-0.3
HUIG	Huatulco			iS	Sn <td>08 03 54.2</td> <td>-1.3</td>	08 03 54.2	-1.3
MRL	Marmol	3.52	85	eP	Pn <td>08 03 50.3</td> <td>+0.2</td>	08 03 50.3	+0.2
MRL	Marmol			eS	Sn <td>08 03 30.3</td> <td>+0.2</td>	08 03 30.3	+0.2
CEVE	Cerro Verde	3.70	105	eP	Pn <td>08 03 34.4</td> <td>+1.8</td>	08 03 34.4	+1.8
CEVE	Cerro Verde			eS	Sn <td>08 04 15.8</td> <td>-0.7</td>	08 04 15.8	-0.7
CEVE	comp=Z, 640nm, 0.3s			IAML		08 04 30.0	
CEVE	Cerro Verde	3.70	105	eP	Pn <td>08 03 34.4</td> <td>+1.8</td>	08 03 34.4	+1.8
CEVE	Cerro Verde			eS	Sn <td>08 04 15.8</td> <td>-0.7</td>	08 04 15.8	-0.7
CEVE	Cerro Verde			TAJIK		08 04 30.0	
COEG	Centro de Oper	4.45	105	eP	Pn <td>08 03 43.8</td> <td>+1.0</td>	08 03 43.8	+1.0
COEG	Centro de Oper			eS	Sn <td>08 03 43.8</td> <td>+1.0</td>	08 03 43.8	+1.0
COEB	Comit de Erme	4.81	105	eP	Pn <td>08 03 48.8</td> <td>+1.0</td>	08 03 48.8	+1.0
COEB	Comit de Erme			eS	Sn <td>08 03 48.8</td> <td>+1.0</td>	08 03 48.8	+1.0
LCND	La Caada	5.46	105	eP	Pn <td>08 03 57.8</td> <td>+1.2</td>	08 03 57.8	+1.2
LCND	La Caada			eS	Sn <td>08 03 57.8</td> <td>+1.2</td>	08 03 57.8	+1.2

ISC 22 08:40:12.8±2.2, 61°39'S, 155°19'E, h0km, mb3.6/3, mb3.8/5, mb1mx3.5/33, mbtmp3.7/5, ML3.0/2, Error ellipse: s-maj=52.0km s-min=33.8km az=131.0
 NEIC 22 08:40:18.5±1.0, 61°39'S, 155°21'E, h1.1km, mb3.6/2km, mb4.1/7, Error ellipse: s-maj=21.8km s-min=18.0km az=243.0

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
Op	h m s	ISC	ISC	ISC	ISC	ISC
RABL	Rabaul	3.61	309	Op	08 41 16.8	+2.0
RABL	Rabaul			S	08 41 57.7	+1.5
KRVT	Keravat (ASO76)	3.64	307	Pn	08 41 13.0	-2.3
KRVT	4.5nm, 0.3s, baz=146, slow=3.6, SNR=2.1			S	08 41 54.6	-2.4
PMG	Port Moresby	8.25	249	Pn	08 42 18.6	+0.1
PMG	Port Moresby			S	08 45 30.9	+0.5
WRD	Warramunga Arr	23.92	234	Pn	08 45 30.9	+0.5
WRD	comp=Z, 3.3nm, 0.9s			IAMB		
WB0	Warramunga Arr	23.94	235	P	08 45 30.7	+0.2
WB0	comp=Z, 6.4nm, 1.1s			IAMB		
WB2	Warramunga Arr	24.06	234	P	08 45 31.9	+0.3
WB2	comp=Z, 9.5nm, 1.4s			IAMB		
WRA	Warramunga Arr	24.07	234	P	08 45 32.4	+0.7
WRA	comp=Z, 5.5nm, 0.4s, baz=56, slow=9.5, SNR=3.5			P	08 45 53.6	+0.1
AS31	Alice Springs	26.47	228	P	08 45 53.6	+0.1
ASAR	Alice Springs	26.48	228	P	08 48 37.8	+1.7
ASAR	comp=Z, 0.3nm, 0.4s, baz=56, slow=9.2, SNR=12			IAMB		
MAJO	Matushiro	45.61	341	P	08 45 52.2	+0.2
MAJO	comp=Z, 5.1nm, 1.0s			IAMB		
PEA0B	Petropavlovsk	59.42	2	P	08 50 18.2	+0.2
VNDA	Vanda	61.07	178	P	08 51 33.7	+0.6
GSPA	South Pole Qui	83.47	180	P	08 52 42.4	-0.5
YKA	Yellowknife Arr	79.42	4	P	08 53 40.1	-1.7
YKA	comp=Z, 0.1nm, 0.6s, baz=275, slow=3.9, SNR=2.2			P	08 53 40.1	-1.7

ISC 22 08:43:28.9±999.0, 16°30'S, 71°64W, h0km, Error ellipse: s-maj=568.1km s-min=74.0km az=90.0, Southern Peru

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
Op	h m s	ISC	ISC	ISC	ISC	ISC
I08B0	LAS PENAS INFR	30.7	89	i	09 01 05.0	
I08B0	baz=268, slow=317, SNR=45			Pn	09 01 05.0	
I41PY	VILLA FLORIDA	16.66	129	i	10 24 20.0	
I09B9	BRASILIA INFR	22.73	92	i	11 05 05.0	
I09B9	baz=266, slow=320, SNR=12			Pn	11 05 05.0	

ISC 22 08:54:06.5±0.7, 55°15'N, 162°52'E, h0km, mb3.7/12, mb1 3.9/14, mb1mx3.7/62, mbtmp3.8/14, ML3.2/2, Error ellipse: s-maj=24.9km s-min=15.0km az=148.0
 KRSC 22 08:54:07.8±1.0, 55°05'N, 162°39'E, h65km, 27km, ML4.4
 NEIC 22 08:54:11.8±1.6, 55°11'N, 162°06'E, h2.3km, 6km, mb4.1/21, Error ellipse: s-maj=21.0km s-min=11.6km az=1

TIP	Tempgrand	6.73 163	Pn	09 00 06.1 -0.1
WLF	Walferdange	6.77 309	Pn	09 00 06.4 -0.3
WLF			Pn	09 00 12.7
WLF			Pn	09 00 15.0 +0.9
WLF			Pn	09 00 43.7
WLF			Pn	09 01 26.6 +3.1
WLF			Pn	09 01 35.7 -1.0
WLF			Pn	09 01 55.7
WLF			Pn	09 02 04.7 -0.6
WLF	Walferdange	6.77 309	P	09 00 07.7 +1.0
WLF	Walferdange	6.77 309	P	09 00 07.7 +1.0
WVF	Saint-Julien-I	6.79 207	ePn	09 01 1.8
VVF		6.88 298	eSn	09 01 19.2 -4.8
SFTF	comp=Z,69nm,0.4s			
SFTF	Sextfontaines	6.79 295	eP	09 00 08.8 +1.8
SSB	Saint Sauveur	6.82 270	P	09 00 07.6 +0.1
SSB	Saint Sauveur	6.82 270	P	09 00 07.6 +0.1
HILG	Hillesheim	6.87 315	ePn	09 00 09.2 +1.1
MEZF	Mazieres J'vi	6.88 298	ePn	09 00 06.3 -2.0
MEZF	Mazieres J'vi	6.88 298	eP	09 00 11.0 +2.7
KWP	Kalwaria Pacla	6.98 52	ePn	09 00 12.2 +2.6
KWP	Kalwaria Pacla	6.98 52	P	09 00 10.8 +1.2
KWP	Kalwaria Pacla	6.98 52	P	09 00 10.8 +1.2
STB	Steinbach	6.99 318	ePn	09 00 10.8 +0.8
VSL	Villasalto	7.11 212	P	09 00 12.2 +0.8
FNA	Florida	7.13 130	P	09 00 12.1 +0.3
FNA	Florida	7.13 130	P	09 00 12.1 +0.3
VNTS	Vitosha	7.15 112	↑P	09 00 12.0 -0.2
VNTS	Vitosha	7.15 112	eP	09 00 12.5 +0.3
VNTS	Vitosha	7.15 112	P	09 00 12.4 +0.3
VNTS	Vitosha	7.15 112	P	09 00 12.4 +0.3
KEK	Kerkira	7.21 143	↑P	09 00 12.3 -0.5
BHOU	Houvezneq	7.25 313	↑P	09 00 15.0 +1.7
BHOU			x	09 00 19.8
BHOU			Pn	09 00 21.2 +0.4
BHOU			Pb	09 00 33.6 +0.1
BHOU			Sn	09 00 34.5 -0.8
KLK	Kallitasperre	7.28 316	ePn	09 00 14.6 +0.9
SMF	Signal de Mont	7.28 282	ePn	09 00 12.1 -1.7
SMF			eSn	09 01 30.9 -5.2
ARR	Arges	7.32 88	↑P	09 00 18.4 +4.1
LOR	Lormes	7.34 286	ePn	09 00 12.3 -2.3
LOR	Lormes	7.34 286	eP	09 00 16.7 +2.1
LOR	Lormes	7.34 286	eP	09 00 43.2 -5.3
LOR	Lormes	7.34 286	eSn	09 01 31.6 -5.9
MEM	Membach	7.41 315	pPn	09 00 17.0 +1.5
MEM			Pn	09 00 22.9 +3.5
MEM			Pb	09 00 34.8 -1.3
VAY	Valandovo	7.45 123	Pn	09 00 17.0 +1.0
CEL	Celeste	7.49 170	Pn	09 00 17.0 +0.4
LASF	Ste Croix	7.53 262	ePn	09 00 15.6 -1.6
LASF			eSn	09 01 37.0 -5.3
SSF	Saint Sauleg	7.55 285	ePn	09 00 15.8 -1.6
SSF	Saint Sauleg	7.55 285	eP	09 00 47.4 +8.8
VOIR		7.60 88	↑P	09 00 22.9 +4.7
BSTI	Sart Tilman	7.61 314	sPn	09 00 20.6 +2.3
BSTI			Pn	09 00 26.0 +0.3
BSTI			Pb	09 00 39.5 -0.1
BSTI			Pg	09 00 52.7
BSTI			sSn	09 01 46.9 +2.8
BSTI			Sn	09 01 57.1 +1.7
BSTI			Sn	09 01 57.1 +1.7
AVF	Avril sur Loir	7.63 283	ePn	09 00 16.7 -1.8
BCLA	Clavier	7.65 312	pPn	09 00 21.0 -1.1
BCLA			sPn	09 00 21.0 -1.1
BCLA			Sn	09 01 45.4 +0.3
GIVF	Givet	7.73 309	ePn	09 00 17.8 -2.1
GIVF	Givet	7.73 309	ePn	09 00 22.3 +2.4
GIVF	Givet	7.73 309	eP	09 00 26.7 +0.7
BGES	Geesves	7.79 311	pPn	09 00 21.6 +1.5
BGES			sPn	09 00 22.3 -4.2
BGES			x	09 00 25.4
BGES			Pn	09 00 27.4 -0.1
BGES			Pb	09 00 41.7 -0.2
BGES			Pg	09 00 55.1
PLVB	Pleven	7.76 103	↑P	09 00 22.0 +1.7
BUR08	Bucovina Ar. S	7.81 71	Pn	09 00 22.1 +1.0
BUR08	Bucovina Ar. S	7.82 71	↑P	09 00 21.5 +0.3
DOU	Dourbes	7.86 308	sP	09 00 23.7 +2.2
DOU			x	09 00 26.3 +2.2
DOU			Pn	09 00 29.2 +0.2
DOU			Pg	09 00 56.4 +1.3
DOU			Sn	09 01 50.1 0.0
DOU			Pn	09 00 24.3 +2.5
BMRD	Maredsous	7.87 310	sPn	09 00 27.6
BMRD			x	09 00 27.6
BMRD			Pn	09 00 29.2 -1.5
BMRD			Pb	09 00 43.9 -0.1
BMRD			PbPb	09 00 47.2 0.0
BMRD			Pg	09 00 57.7
BMRD			Sn	09 01 51.5 +1.0
BMRD			Sb	09 02 02.8 -1.5
BMRD			Sb	09 02 21.7 -1.9
BGF	Bois d'Agland	7.96 281	eSn	09 01 47.0 -5.8
BGF			Pn	09 00 22.4 -1.9
BAIF	Baives	8.05 307	ePn	09 00 27.2 +2.9
BAIF	Baives	8.05 307	eP	09 00 56.6 +0.5
HYF	Humbigny	8.16 286	ePn	09 00 23.9 -2.0
LIT	Litokhoron	8.21 130	P	09 00 25.9 -0.7
LIT	Litokhoron	8.21 130	P	09 00 25.9 -0.7
MLR	Muntele Rosu	8.23 87	Pn	09 00 26.6 -0.2
MLR			Sn	09 01 56.2 -3.2
MLR			LR	09 03 39.7
MLR			Pn	09 00 28.4 +1.6
MLR			Pn	09 00 27.6 +0.8
MLR			Pn	09 00 27.6 +0.8
SNF	Senefte	8.24 310	sPn	09 00 29.8 +2.9
SNF			x	09 00 32.4
SNF			Pn	09 00 34.9 +0.6
SNF			Pb	09 00 49.2 -1.2
SNF			x	09 00 54.6
SNF			Pg	09 01 03.8
BIZ	Bicaz	8.33 77	↑P	09 00 30.8 +2.7
TCF	Toulx Ste Croi	8.40 279	ePn	09 00 27.3 -1.8
TCF	Toulx Ste Croi	8.40 279	eP	09 00 32.2 +3.1
TCF			eSn	09 01 55.7 -7.8
CLF	Chambon-Foret	8.54 290	Pn	09 00 31.8 +0.8
CAF	Calviac	8.61 270	ePn	09 00 30.1 +1.9
CAF			eSn	09 02 02.8 -5.9
PLOR	Plostina	8.69 84	↑P	09 00 33.9 +0.8
VRJ	Vrncioia	8.75 84	↑P	09 00 35.8 +1.8
MTLF	Montlieux	8.89 259	ePn	09 00 33.3 +1.9
MTLF			eSn	09 02 08.8 -6.7
AGG	Agios Georgios	8.93 135	P	09 00 35.9 -0.5
AGG	Agios Georgios	8.93 135	P	09 00 35.9 -0.5
RJF	Les Rejaudoux	8.94 272	ePn	09 00 34.7 -1.8
LF	La Frestaie	9.54 271	ePn	09 00 45.9 +1.3
KLNR	Kaliningrad	9.75 211	ePn	09 00 48.4 +0.9
ALN	Alexandroupoli	9.84 115	P	09 00 48.4 -0.3
ALN	Alexandroupoli	9.84 115	P	09 00 48.4 -0.3
MFF	Saint Martin d	10.03 281	ePn	09 00 49.6 -1.8
MFF			eSn	09 02 36.9 -5.6
LDF	La Druitiere	10.21 292	ePn	09 00 52.0 -1.9
LDF	La Druitiere	10.21 292	eP	09 00 57.7 +3.8
LDF			eSn	09 02 40.9 -7.1
ITM	Ithomi	10.24 143	Pn	09 00 53.3 -1.0
EPF	Esparrros	10.29 260	ePn	09 00 52.5 -2.5
EPF			eSn	09 02 42.4 -7.5
FLN	La Foliniere	10.48 293	ePn	09 00 55.7 -1.9
FLN	La Foliniere	10.48 293	ePn	09 01 00.9 +3.3
FLN			eSn	09 02 47.1 -7.5
KEST	Keসা	10.57 202	Pn	09 00 58.3 -0.7

KEST	Keসা	10.57 202	Pn	09 00 58.6 -0.4
GRR	Gorron	10.66 290	ePn	09 00 58.8 -1.2
GRR			Sn	09 02 51.4 -7.5
ETSF	Etsau	10.95 261	ePn	09 01 02.1 -2.0
AKASG	Malin Array B	11.21 58	Pn	09 01 08.1 +0.6
AKASG			Sn	09 03 06.5 -6.0
AKASG			Sn	09 03 06.5 -6.0
AKBB	Malin Array Si	11.21 58	Pn	09 01 08.9 +1.4
AKBB	Malin Array Si	11.21 58	Pn	09 01 08.9 +1.4
SGMF	Saint Gilles	11.77 289	ePn	09 01 12.8 -2.3
SGMF			eSn	09 03 17.4 -8.6
QUIC	Quistinic	12.14 287	ePn	09 01 17.7 -2.5
NACGM	Naroch	12.24 366	eP	09 01 22.0 +0.4
NACGM			eS	09 03 40.3 +5.4
ROSF	Rostreren	12.25 289	ePn	09 01 19.9 -1.8
ROSF			eS	09 03 28.8 -9.0
MICGM	Minsk	12.45 40	eP	09 01 29.0 +4.6
MNK	Minsk	12.45 40	eP	09 01 29.0 +4.6
MANT	Manisa	12.81 119	Pn	09 01 29.4 -0.4
ANI	Anoyia	13.14 138	Pn	09 01 33.1 -0.9
IDI	comp=Z,0.8nm,0.3s,baz=316,slow=10,SNR=2.1		Sn	09 03 48.7 -1.1
IDI	comp=Z,0.6nm,0.3s,baz=306,slow=19,SNR=2.1		LR	09 07 10.5
MDUB	Mindub	14.68 318	Pn	09 01 37.9 -0.2
KARP	Karpathos	14.06 131	Pn	09 01 46.5 -0.1
HFS	Hagfors	14.52 359	Pn	09 01 52.7 0.0
HFS			Lg	09 06 07.3
HFS			LR	09 07 07.0
ESDC	Sonsec Array	14.64 252	Pn	09 01 54.2 -0.3
ESDC			LR	09 08 10.2
ESDC			LR	09 08 10.2
EKA	Eskaudemuir Ar	14.67 318	Pn	09 01 56.3 +1.5
EKA			Pn	09 01 56.0 +1.1
ESK	Eskaudemuir	14.68 318	Pn	09 01 56.0 +1.1
ELL	Elmali	14.76 122	Pn	09 01 57.5 +1.3
ELL	Elmali	14.76 122	Pn	09 01 57.5 +1.3
ILGA	Ilgaz	14.90 101	Pn	09 01 57.2 -0.9
VSU	Vasula	14.93 261	eP	09 01 59.1 +0.9
PAB	San Pablo	14.96 253	Pn	09 01 59.3 +0.4
PAB	San Pablo	14.96 253	Pn	09 01 59.3 +0.4
DSB	Dublin	15.37 307	Iamb	09 02 05.3 +1.2
BR131	Keşkin Array S	15.44 106	P	09 02 04.1 -1.2
BR131			Pmax	
BR131	Keşkin Array S	15.44 106	Pn	09 02 04.1 -1.2
BRTR	Keşkin Array B	15.44 106	Pn	09 02 04.4 -0.9
BRTR	Keşkin Array B	15.44 106	P	09 02 06.1 +0.9
BRTR			Pmax	
NB2	NORSAR Subarra	15.52 355	P	09 02 10.0 -0.4
NOA	NORSAR Array B	15.52 355	Pn	09 02 05.5 -0.6
NOA			LR	09 08 14.3
NOA			LR	09 08 14.3
NB201	NORSAR Array S	15.53 355	Pn	09 02 07.5 +1.4
NB000	NORSAR Array S	15.55 354	Iamb	09 02 07.0 +0.6
NB000			Iamb	09 02 20.4
NC303	NORSAR Array S	15.70 355	Iamb	09 02 08.4 +0.1
NC303			Iamb	09 02 21.9
NC204	NORSAR Array S	15.79 354	Iamb	09 02 10.7 +1.2
NC204			Iamb	09 02 23.2
MVO	Moncorvo	16.07 261	eP	09 02 19.9 +3.2
MVO			eLQ	09 07 02.3
MVO			eLR	09 08 15.9
PGAV	Gavireira, Arco	16.64 265	eLQ	09 07 17.9
PGAV			eLR	09 08 40.4
MTE	Manteigas	16.74 259	eP	09 02 28.1 +4.0
MTE			eLQ	09 06 25.0
MTE			eLR	09 08 49.6
PCBR	Castelo Branco	16.95 258	eP	09 02 28.2 +2.0
OBN	Obninsk	17.04 481	eP	09 02 27.1 -0.1
OBN			Pmax	
OBN			MLR	
OBN			MLR	
PMRV	Marv??o	17.08 256	eP	09 02 24.8 -0.6
PMRV			Pn	09 02 29.7 +2.0
PMRV			eLR	09 08 34.6
FINES	FINESS Array B	17.27 19	Pn	09 02 26.4 -1.8
FINES			LR	09 02 26.4 -1.8
FINES			LR	09 02 26.4 -1.8
FIA1	FINESS Array S	17.27 19	Pn	09 02 28.3 0.0
FIA1			Iamb	09 02 31.9
VSR	Storozhevo	17.42 62	eP	09 02 32.1 +0.7
VSR			Pmax	
VORD	Divnogorie	17.46 63	eP	09 02 29.5 -1.2
VORD			Pmax	
LPSR	Galich ya Gora	17.55 58	eP	09 02 33.0 +0.2
LPSR			Pmax	
PMTG	Montargil	17.82 256	eP	09 02 38.5 +2.6
MOS	Moscow	17.85 47	eP	09 02 26.5 -9.0
MOS			MLR	
CSS	Mathiatis	18.02 120	P	09 02 37.0 -0.7
SOC	Sochi	18.24 87	eP	09 02 40.6 0.0
SOC			eP	09 06 06.2
SOC			Pmax	
SOC			MLR	
PVAQ	Vaqueiros	18.34 251	eLQ	09 07 05.3
PVAQ			eLR	09 09 10.8
VRH	Novokhopovsk	19.01 63	eP	09 02 51.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KLR, CMAR, BOSA, BOSB, USRK, FCAR, YSS, KSRs, PDAR, RDMU, ROSC, NVAR, TXAR, LPAZ, ASAR, Vnda, etc.

LJU 22 09:04:52.3, 45.65N-14.24E, h15km, ML0.9, Northwestern Balkan Peninsula. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

BUC 22 09:03:30.0, 45.73N-26.59E, h81km, 2km, ml2.9/14, 42C-34D, Error ellipse: s-maj=1.9km s-min=1.7km az=32.0, Romania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PLO, VRI, ODBI, PETR, MLR, OZUR, TESR, ICOR, DOPR, VARL, BIR, VOIR, CFR, BIZ, LEOM, HARR, TOPG, RASA, SGRR, HUMR, TIRR, ICOR, JARR, LOT, BURAR, etc.

IDC 22 09:07:13.8, 1.5, 6:84S-155:51E, h0km, mb3.6/5, mb1 3.9/6, mb1mx3.6/23, mbmt3.6/6, ML4.0/1, MS2.9/1, MS1 2.9/1, ms1mx2.4/21, Error ellipse: s-maj=35.8km s-min=28.8km az=144.0

NEIC 22 09:07:19.1, 2.2, 7:05O:2, 155:55E:0.08, h35km, 2km, mb4.1/3, Error ellipse: s-maj=29.1km s-min=13.8km az=5.0

ISC 22 09:07:20.6, 1.0, 6:95S:0.2, 155:4E:0.1, h50km, n14, @1500/10, mb3.8/8, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HNR, WBO, WRAB, WRA, ASAR, H1S3, H1S2, H1S1, CMAR, GSPA, YKA, NVAR, etc.

LJU 22 09:18:56.0, 45.65N-14.25E, h16km, ML1.0, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CEY, KNDS, SKDS, JAVS, GBRS, VISS, etc.

LJU 22 09:19:08.1, 45.65N-14.26E, h16km, ML1.3, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CEY, KNDS, SKDS, JAVS, GBRS, VISS, etc.

DDA 22 09:35:11.7, 37:69N:36:26E, h16km, 2km, ML2.5, ISK 22 09:35:12.9, 37:64N:36:23E, h5km, ML 1.8/6, ISC 22 09:35:12.9, 1.0, 37:58N:0.03:36:19E:0.02, h8km, 9km, n15, @574/26, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ANDN, SAIM, AYKD, KMRS, KAMA, AKO, HCB, YAHY, KHMM, GARZ, KAZA, KAR, GZT, DARE, MALF, etc.

NNC 22 09:52:03.4, 5.3, 36:85N:69:50E, h0km, mb3.6, mpv3.5, 1C-3D, Error ellipse: s-maj=53.2km s-min=29.5km az=159.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KK31, AAK, AAK, AB31, etc.

LJU 22 09:55:27.8, 45.66N-14.26E, h15km, ML0.9, 1C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CEY, KNDS, SKDS, JAVS, GBRS, VISS, etc.

IDC 22 09:55:49.6, 5.2, 4.60S-153:75E, h118km, 36km, mb3.3/2, mb1 3.7/3, mb1mx3.2/30, mbmt3.9/3, Error ellipse: s-maj=56.2km s-min=26.2km az=103.0, New Ireland region

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

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

NEIC 22 09:57:07.3, 1.1, 35:60N:0:01:97:37W:0.03, h7km, 3km, Error ellipse: s-maj=3.7km s-min=1.4km az=98.0, TUL 22 09:57:07.1, 4.3, 35:59N:0:01:97:38W:0.03, h6km, 3km, ML3.3, Error ellipse: s-maj=3.4km s-min=1.1km az=69.0, ANF 22 09:57:09.3, 0.6, 35:63N:97:38W, h23km, 5km, ML4.0/17, ML4.0/17, Error ellipse: s-maj=2.1km s-min=2.1km az=175.0, ISC 22 09:57:07.2, 0.8, 35:61N:0:03:97:37W:0.03, h8km, 5km, n87, @598/108, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ADOK, OK009, OK001, OK005, OKCFA, OKCFA, OKCWA, OKCWS, FNO, W35A, X34A, X34A, TUL1, TUL1, TUL1, WMOK, WMOK, WMOK, T35A, U32A, Z35A, U38A, H4AR, W39A, W39A, R32A, Z38A, MIAR, MIAR, MIAR, ABTX, ABTX, KANSA, KANSA, KANSA, AMTX, AMTX, WHTX, WHTX, WHTX, CBKS, U40A, U40A, U40A, S39A, X40A, X40A, X40A, W41B, W41B, FCAR, Z41A, Z41A, NATX, MSTX, MSTX, R40A, P38A, KSCO, KSCO, N35A, JCT, JCT, JCT, LPAR, BGNE, BGNE, T25A, L34A, OXAF, OXAF, VBSM, SDCO, SDCO, SDCA, SCIA, MINTX, MINTX, ISCO, WWT, L40A, HDIL, ECSD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like W39A, R32A, Z38A, MIAR, MIAR, MIAR, ABTX, ABTX, KANSA, KANSA, KANSA, AMTX, AMTX, WHTX, WHTX, WHTX, CBKS, U40A, U40A, U40A, S39A, X40A, X40A, X40A, W41B, W41B, FCAR, Z41A, Z41A, NATX, MSTX, MSTX, R40A, P38A, KSCO, KSCO, N35A, JCT, JCT, JCT, LPAR, BGNE, BGNE, T25A, L34A, OXAF, OXAF, VBSM, SDCO, SDCO, SDCA, SCIA, MINTX, MINTX, ISCO, WWT, L40A, HDIL, ECSD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ECSD, TX31, T432, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WTP, WTP, WTP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DVHZ, PRWZ, PRWZ, etc.

JMA 22 09:59:57.5, 23.777N, 121.70E, h43km, 2km, M2.5
TAP 22 09:59:57.5, 23.79N, 121.72E, h39km, 1km, ML2.3, C
ISC 22 09:59:58.2, 1.0, 23.79N, 0.02, 121.73E, 0.03, h33km, 2km,

IDC 22 10:10:47.4, 2.0, 6.51S, 156.41E, h0km, mb3.8/6,
mb1 4.0/6, mb1mx3.7/29, mbtmp3.8/6, Error ellipse:
s-maj=78.3km, s-min=25.0km az=125.0

WEL 22 10:17:57.8, 41.61S, 174.3E, h10km, mb3.8/6,
ML2.5/9, MLV2.4/9, Error ellipse: s-maj=0.0km
s-min=0.0km az=142.4, CoS, Strai

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HWA, HWA, ESL, ESL, EGFH, EGFH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CHN1, CHN1, SNST, SNST, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOVZ, HOVZ, KHZ, KHZ, etc.

WEL 22 10:10:53.3, 1.1, 6.45S, 0.1, 156.4E, 0.2, h35km, n21,
i=184/17, mb4.0/11, Bougainville-Solomon Islands
region

IDC 22 10:12:06.3, 1.8, 59.25N, 27.76E, h0km, ML1.6(HEL),
Explosion, Baltic States-Belarus-Northwestern Russia

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HWA, HWA, ESL, ESL, EGFH, EGFH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HNR, RABL, CTA, WRO, WRO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMWZ, TUWZ, TUWZ, etc.

LVSN 22 10:12:06.3, 1.8, 59.25N, 27.76E, h0km, ML1.8
UPP 22 10:12:37.9, 3.2, 61.31N, 25.49E, h0km, ML1.8, Suspected
explosion

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRO, WRO, WRAB, WRAB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ARBE, VJU, VJU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KRVT, KRVT, KRVT, etc.

WEL 22 10:12:06.3, 1.8, 59.25N, 27.76E, h0km, ML1.8
UPP 22 10:12:37.9, 3.2, 61.31N, 25.49E, h0km, ML1.8, Suspected
explosion

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRO, WRO, WRAB, WRAB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ARBE, VJU, VJU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KRVT, KRVT, KRVT, etc.

WEL 22 10:12:06.3, 1.8, 59.25N, 27.76E, h0km, ML1.8
UPP 22 10:12:37.9, 3.2, 61.31N, 25.49E, h0km, ML1.8, Suspected
explosion

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRO, WRO, WRAB, WRAB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ARBE, VJU, VJU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KRVT, KRVT, KRVT, etc.

WEL 22 10:12:06.3, 1.8, 59.25N, 27.76E, h0km, ML1.8
UPP 22 10:12:37.9, 3.2, 61.31N, 25.49E, h0km, ML1.8, Suspected
explosion

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRO, WRO, WRAB, WRAB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ARBE, VJU, VJU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KRVT, KRVT, KRVT, etc.

WEL 22 10:12:06.3, 1.8, 59.25N, 27.76E, h0km, ML1.8
UPP 22 10:12:37.9, 3.2, 61.31N, 25.49E, h0km, ML1.8, Suspected
explosion

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRO, WRO, WRAB, WRAB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ARBE, VJU, VJU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KRVT, KRVT, KRVT, etc.

WEL 22 10:12:06.3, 1.8, 59.25N, 27.76E, h0km, ML1.8
UPP 22 10:12:37.9, 3.2, 61.31N, 25.49E, h0km, ML1.8, Suspected
explosion

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

IDC 22 10:30:20.6, 0.6, 83.57N, 3.40W, h0km, mb3.8/16,
mb1 3.9/17, mb1mx3.7/57, mbtmp3.8/17, ML3.8/1, MS3.3/33,
Ms1 3.3/33, ms1mx3.2/56, Error ellipse: s-maj=22.5km
s-min=12.5km az=24.0

mb1 4.5/32, mb1mx4.4/44, mbtmp4.6/32, MS3.6/27, Ms1 3.6/27, ms1mx3.4/48, Error ellipse: s-maj=11.6km s-min=7.2km az=93.0

ISC 22 11:46:47.2±0.5, 33737N, 100.840789E, 0.04, h47km, 4km, 550, ±147/570, mb4.8/163, MS3.7/40, 21C-37D.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations in the Southeast of Honshu.

Main seismic event table with columns: Station Name, Az, Phase ID, Time, Res, ISC, and various amplitude/velocity measurements.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC, and various amplitude/velocity measurements for stations further east.

22d 11h

Table with columns for station name, frequency, power, and signal strength. Includes stations like WRH Wood River Hill, CCB Clear Creek Bu, DHH Denali Highway, etc.

2014 APR

Table with columns for station name, frequency, power, and signal strength. Includes stations like GEYT, FORT RES, KLMR, MORW, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like FFC Flin Flon, NC405 NORSTAR Array S, EGMT Eagleton, 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, Punta Patacha, Chuzmisia, etc.

DDA 22 12:34:15.7, 39.03N:04.69E, h7km, g6km, ML2.0
ISK 22 12:34:15.4, 39.07N:04.73E, h2km, ML2.1/5
ATA 22 12:34:16.0-0.9, 39.06N:04.70E, h18km, 8km, ML2.0, MW3.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BINGOL, KARLOVA, YEDISI, VARTO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tunceli-Merkez, ERZINCAN, SVAN, etc.

IDC 22 12:42:37.0, 6.85, 48N, 88.45E, h0km, mb3.9/18, mb1.4, 0.2/1, mb1mx3.9/5.5, mbtmp4.1/7, MS3.6/8, Ms1.3/6.8, ms1mx3.4/1.7, Error ellipse: s-maj=30.9km s-min=29.1km az=146.0

NEIC 22 12:42:39.7, 0.5, 85.46N, 0.008, 86.20E, 0.06, h15km, n36, c1580/33, mb4.0/21, MS3.0/3, 1D, North of Severnaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZF2I, NOR, KBS, SPAO, etc.

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

IDC 22 13:37:15.8, 1.0, 43.59S, 167.09W, h0km, mb4.1/7, mb1.4, 2.7, mb1mx4.0/3.2, mbtmp4.1/7, MS3.6/8, Ms1.3/6.8, ms1mx3.4/1.7, Error ellipse: s-maj=30.9km s-min=29.1km az=146.0

NEIC 22 13:37:16.7, 0.9, 43.7S:0.1, 167.1W:0.2, h10km, 1km, mb4.5/7, Error ellipse: s-maj=27.0km s-min=19.5km az=48.0

ISC 22 13:37:17.2, 0.7, 43.6S:0.1, 167.1W:0.2, h10km, n30, c0863/24, mb4.2/0, MS3.5/3, Southern Mid-Atlantic Ridge

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

SOME 22 13:42:50.6, 40.90N:70.08E, h10km
KRNET 22 13:42:51.7, 0.1, 41.15N:69.91E, mb2.6
NNC 22 13:42:51.6, 4.6, 40.87N:70.17E, h0km, mb3.1, mpv3.0

Error ellipse: s-maj=34.4km s-min=22.9km az=38.0
ISC 22 13:42:52.2, 2.1, 41.04N:69.55E:69.87E:0.07, h2km, 15km, n13, r1545/24, 8C-5D, Kyrgyzstan

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

INET 22 12:43:17.9, 12.47N:87.72W, h74km, ML4.1
UCR 22 12:43:18.6, 1.0, 12.46N:87.78W, h31km, 12km, ML3.6
SNET 22 12:43:18.6, 0.8, 12.47N:87.79W, h53km, 17km, ML3.7

ISC 22 12:43:17.1, 1.8, 12.48N:0.009, 87.77W:0.07, h13km, 13km, n23, c028/33, 3C-6D, Near coast of Nicaragua

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

22d 16h

Table with columns: Call sign, Name, Frequency, Mode, and other details for stations like KIAG, BALM, YUK1, DAWY.

AEIC 22 15:29:11.6.2.0.51.13N.012.178.65W.0.09, h20km, 7km, ML4.1/9, mb4.1/29(NEIC), Error ellipse: s-maj=24.2km s-min=8.4km az=176.0

NEIC 22 15:29:14.1.2.3.21.51.2N.011.178.62W.0.10, h48km, 15km, Error ellipse: s-maj=19.9km s-min=8.9km az=177.0

ISC 22 15:29:10.0.1.6.51.2N.012.178.59W.0.06, h10km, n36, az=116/38, mb4.2/4, Andreonof Islands

Main table listing station codes, names, frequencies, and other parameters for various stations in the 22d 16h region.

NEIC 22 15:45:36.0.0.6.6.7S.013.155.8E.012, h35km, 2km, mb4.6/8, Error ellipse: s-maj=52.5km s-min=16.9km az=153.0

ISC 22 15:45:36.6.1.1.6.7S.011.155.8E.011, h35km, n20, az=169/17, Bougainville-Solomon Islands region

Main table listing station codes, names, frequencies, and other parameters for various stations in the 22d 16h region.

ISC 22 15:48:52.2.1.3.53.58N.164.56W, h0km, mb3.7/9, mb1.3/9/12, mb1mx3.6/60, mbtmp3.6/12, ML3.5/2, MS2.8/1, Ms1.2/8.1, ms1mx2.3/46, Error ellipse: s-maj=38.6km s-min=15.1km az=165.0

NEIC 22 15:48:54.8.1.9.53.4N.011.164.34W.0.07, h26km, 6km, mb3.9/5, ML3.7/6(AEIC), Error ellipse: s-maj=16.0km s-min=5.6km az=168.0

AEIC 22 15:48:56.2.9.53.48N.010.164.40W.0.08, h42km, 6km, Error ellipse: s-maj=7.3km s-min=3.2km az=118.0

ISC 22 15:48:55.8.0.7.53.45N.010.164.35W.0.05, h33km, n67, az=126/65, mb4.0/9, Unimak Island region

Main table listing station codes, names, frequencies, and other parameters for various stations in the 22d 16h region.

15 APR

Main table listing station codes, names, frequencies, and other parameters for various stations in the 15 APR region.

MEX 22 15:53:19.9.0.2.5.67N.011.164W, h4km, 8km, MD3.9, ECX 22 15:53:20.2.0.3.27.71N.111.65W, h1km, 149km, MD2.8, ML3

ISC 22 15:53:18.8.1.1.27.8N.011.111.68W.0.07, h10km, n6, az=069/12, SC, Gulf of California

Main table listing station codes, names, frequencies, and other parameters for various stations in the 15 APR region.

ISC 22 15:59:56.8.1.8.23.90S.66.76W, h196km, 27km, mb3.3/1, mb1.3/3.6, mb1mx3.1/31, mbtmp3.8/6, Error ellipse: s-maj=34.4km s-min=21.5km az=112.0

NEIC 22 15:59:57.1.2.5.23.97S.014.67.1W.0.2, h227km, 15km, mb4.4/3, Error ellipse: s-maj=22.5km s-min=3.3km az=104.0

ISC 22 15:59:58.0.6.2.4.01S.67.08W, h219km, 6km, ML4.0, GUC 22 15:59:56.4.0.9.23.98S.016.67.0W.0.1, h217km, 15km, n40, az=130/52, 1C-2D, Jujuy Province

Main table listing station codes, names, frequencies, and other parameters for various stations in the 15 APR region.

1656

Main table listing station codes, names, frequencies, and other parameters for various stations in the 1656 region.

IDC 22 16:04:39.3.2.7.676S.154.73E, h0km, mb3.6/2, mb1.3/8.3, mb1mx3.4/36, mbtmp3.6/3, ML3.1/1, Error ellipse: s-maj=54.6km s-min=34.0km az=80.0

NEIC 22 16:04:51.5.1.4.7.15S.011.154.0E.012, h35km, 2km, mb4.4/5, Error ellipse: s-maj=38.6km s-min=6.6km az=121.0

ISC 22 16:04:51.2.1.1.7.03S.009.154.0E.011, h35km, n12, az=139/13, mb4.2/5, New Britain region

Main table listing station codes, names, frequencies, and other parameters for various stations in the 1656 region.

ECX 22 16:08:55.8.0.4.27.73N.111.67W, h9km, 93km, MD2.0, ML2.3

MEX 22 16:08:55.7.0.3.27.67N.111.63W, h7km, 8km, MD3.5

ISC 22 16:08:51.8.1.1.27.67N.008.111.65W.0.07, h10km, n6, az=058/12, 2C-1D, Gulf of California

Main table listing station codes, names, frequencies, and other parameters for various stations in the 1656 region.

MOS 22 16:11:03.6.1.2.48.02N.152.99E, h143km, mb3.9/9, Error ellipse: s-maj=10.5km s-min=6.2km az=64.6

SKHL 22 16:11:04.7.0.2.47.97N.153.05E, h141km, 7km, mb5.0/2, ms4.8/3

NEIC 22 16:11:05.2.2.0.48.09N.019.152.9E.011, h141km, 6km, mb4.3/23, Error ellipse: s-maj=15.3km s-min=10.5km az=127.0

IDC 22 16:11:07.2.2.0.48.17N.152.78E, h156km, 19km, mb3.5/15, mb1.3/7.2, mb1mx3.5/48, mbtmp4.0/22, MS2.5/1, Ms1.2/5.1, ms1mx2.1/35, Error ellipse: s-maj=17.3km s-min=10.1km az=140.0

ISC 22 16:11:03.5.0.5.47.98N.016.152.94E.016, h128km, n141, az=197/146, mb4.0/28, 4C, Kuril Islands

Main table listing station codes, names, frequencies, and other parameters for various stations in the 1656 region.

22d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIGR, SAGR, BALKESIR, EDRE, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GO01, GO01, IPOC Station P, etc.

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

GUC 22 19:10:20.3-0.5, 20.05S-70.52W, h21km, 3km, ML3.6
IDC 22 19:10:40.4-1.7, 13.25S-67.68W, h0km, mb3.4/2,
mb1 3.6/3, mb1mx3.4/38, mbtmp3.4/3, ML3.3/1, Error
ellipse: s-maj=68.0km s-min=36.3km az=100.0

NEIC 22 19:37:48.9-2.1, 10.95N-0.08E-125.0E-0.1, h212km, 7km,
mb4-3/2, Error ellipse: s-maj=16.7km s-min=10.7km
az=70.0

IDC 22 19:37:49.4-3.3, 10.99N-125.05E, h215km, 31km,
mb3.5/1, mb1 3.6/11, mb1mx3.2/58, mbtmp4.0/11, Error
ellipse: s-maj=36.8km s-min=9.9km az=68.0

ISC 22 19:37:47.7-0.5, 10.99N-0.05E-124.99E-0.08, h200km, n77,
e124/80, mb4.1/26, 3C-3D, Leyte

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

mb4.1/4,MLV3.8/7,MW(mB)3.6/1
IDC 22 20:05:18.9.2.8,3.12N:126.97E,h49km,31km,mb3.4/11,
mb1.3/3.1,mb1mx3.4/6,mbtmp3.7/13,ML2.9/2,MS3.3/1,
Ms1.3/3.1,ms1mx2.3/3.1,Error ellipse: s-maj=38.0km
s-min=14.1km az=72.0

NEIC 22 20:05:19.9.2.1,3.17N:0.08:126.99E:0.09,h46km,10km,
mb4.5/13,Error ellipse: s-maj=17.3km s-min=2.4km
az=46.0

ISC 22 20:05:18.6.0.6,3.21N:0.06:127.07E:0.08,h44km,n34,
c=178/34,mb3.9/16,1DZ,Phase ID

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

IDC 22 20:09:06.6.5.8,30.50N:87.22E,h63km,54km,mb3.3/12,
mb1.3/3.1,mb1mx3.3/5.0,mbtmp3.6/14,ML2.2/2,MS3.0/3,
Ms1.3/3.1,ms1mx2.6/2.7,Error ellipse: s-maj=31.6km
s-min=16.0km az=42.0

ISC 22 20:09:03.7.0.8,30.5N:0.1:87.2E:0.1,h35km,n15,
c=092/15,mb3.6/12,Xizang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Lists seismic stations for the 20:09:03 event.

THE 22 20:09:37.9.38,16N:20.43E,h12km,ML2.9/5,Error
ellipse: s-maj=0.7km s-min=0.4km az=256.0

ATH 22 20:09:37.6.38,16N:20.44E,h15km,ML2.4/10,Error
ellipse: s-maj=1.5km s-min=0.8km az=233.0

ISC 22 20:09:37.6.1.0,38.16N:0.003:20.43E:0.04,h15km,4km,
n41,c=929/68,Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Lists seismic stations for the 20:09:37 event.

Table with columns: VLS, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Lists seismic stations for the 20:09:41 event.

MAN 22 20:22:24.1,10:17N:125.48E,h187km,mb5.0,ML4.0,
MS4.0

NEIC 22 20:22:24.5.2.4,10:19N:0.07:125.7E:0.1,h188km,8km,
mb4.7/19,Error ellipse: s-maj=18.4km s-min=10.1km
az=75.0

IDC 22 20:22:25.9.1.7,10:08N:125.40E,h202km,17km,
mb3.5/11,mb1.3/7.13,mb1mx3.3/4.6,mbtmp4.1/13,MS2.6/2,
Ms1.2/6.2,ms1mx2.3/3.1,Error ellipse: s-maj=27.1km
s-min=10.6km az=76.0

DJA 22 20:23:11.6.2.6,6.18N:25.12E,h127km,8km,ML4.3/14,
mb4.8/5,mb4.3/14,ML4.4/4,MW(mB)4.1/5

ISC 22 20:22:24.7.0.6,10.15N:0.04:125.47E:0.07,h191km,5km,
n88,c=157/96,mb4.3/20,3C-3D,Leyte

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Lists seismic stations for the 20:22:24 event.

DAV 22 20:25:4.75m,18.3s,baz=162,slow=1.5,SNR=13

DAV 22 20:25:4.75m,18.3s,baz=162,slow=1.5,SNR=13

DAV 22 20:25:4.75m,18.3s,baz=162,slow=1.5,SNR=13

DAV 22 20:25:4.75m,18.3s,baz=162,slow=1.5,SNR=13

DAV 22 20:25:4.75m,18.3s,baz=162,slow=1.5,SNR=13

DAV 22 20:25:4.75m,18.3s,baz=162,slow=1.5,SNR=13

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Lists seismic stations for the 20:25:4 event.

IDC 22 20:37:43.5.8.1,11.66S:166.70E,h201km,76km,
mb3.6/13,mb1.3/7.13,mb1mx3.6/3.6,mbtmp4.1/13,Error
ellipse: s-maj=27.0km s-min=20.0km az=59.0

NEIC 22 20:37:44.1.1.5,11.68S:0.08:166.7E:0.2,h207km,6km,
mb4.2/22,Error ellipse: s-maj=22.9km s-min=10.6km
az=105.0

ISC 22 20:37:43.1.0.6,11.70S:0.08:166.8E:0.1,h200km,n41,
c=084/42,mb4.3/23,Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Lists seismic stations for the 20:37:43 event.

IDC 22 20:37:43.5.8.1,11.66S:166.70E,h201km,76km,
mb3.6/13,mb1.3/7.13,mb1mx3.6/3.6,mbtmp4.1/13,Error
ellipse: s-maj=27.0km s-min=20.0km az=59.0

NEIC 22 20:37:44.1.1.5,11.68S:0.08:166.7E:0.2,h207km,6km,
mb4.2/22,Error ellipse: s-maj=22.9km s-min=10.6km
az=105.0

ISC 22 20:37:43.1.0.6,11.70S:0.08:166.8E:0.1,h200km,n41,
c=084/42,mb4.3/23,Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h m s, ISC. Lists seismic stations for the 20:37:43 event.

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Table with columns: MGZ, ASAR, ASAR, BBOO, BBOO, MJAR, ERM, ERM, KRSR, USRS, PETK, CMAR, SONM, SUA, SCM, TRF, WAX, DHY, VDR, GLB, BALM, WRH, RIDG, IL31, ILAR, MKAR, YKA, ARCES, FINES, ESDC, ESDC. Each row contains station name, time, and other parameters.

NEIC 22:20:54:14.2,2.0,31.988:0.08:179.9E:0.1,h394km,7km, mb4.3/21, Error ellipse: s-maj=13.8km s-min=11.1km az=49.0

IDC 22:20:54:16.2,2.9,32.12S:179.70E,h413km,27km,mb3.8/4, mb1.3/7, mb1mx3.4/26, mbtmp4.5/7, Error ellipse: s-maj=30.6km s-min=22.3km az=54.0

WEL 22:20:54:17.9,0.6,32.5S:178.0W:1.4,h335km,9km, mb4.2/20,mb4.5/16,MLV:5.7/15,MM:6.3/7.11

ISC 22:20:54:14.2,0.6,31.978:0.08:179.97E:0.07,h400km, n118,i1557/126,mb4.3/14,Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Green Lake, Raoul Island, Matakaoa Point, etc.

Table with columns: RPZ, RPZ, FOF, DZM, DZM, DZM, ARMA, ARMA, EIDS, EIDS, CTAO, BBOO, BBOO, COEN, COEN, AS31, ASAR, ASAR, WR0, WR0, WR0, WB2, WRAB, WRAB, WRA, WRA, WRA, WFO, WFO, WFO, MTN, MTN, MTN, KNRA, KNRA, KNRA, FITZ, FITZ, FITZ, MORW, MORW, MORW, GSPA, GSPA, GSPA, GIRA, GIRA, GIRA, SNA, SNA, SNA, SNA, SNA, VNA3, VNA3, VNA3, KRSR, KRSR, KRSR, PEAO, PEAO, PEAO, PETK, PETK, PETK, MKAR, MKAR, MKAR, ZALV, ZALV, ZALV, KBZ, KBZ, KBZ, FIA1, FIA1, FIA1, FINES, FINES, FINES, NB2, NB2, NB2, NOAS, NOAS, NOAS, NOAS, NOAS, NOAS, BR131, BR131, BR131, BRTR, BRTR, BRTR, TORD, TORD, TORD, TORD, TORD, TORD

NNC 22:21:20:22.0,6.2,37.42N:70.99E,h0km,mb3.6,mpv3.2, 3C-2D, Error ellipse: s-maj=60.6km s-min=35.1km az=150.0, Afghanistan-Tajikistan border region

IDC 22:21:26:50.0,9.0,6.92S:154.95E,h0km,mb4.1/12, mb1.4/3/14, mb1mx2.3/20, mbtmp4.1/14, ML3.0/2,MS3.2/4, Ms1.3/24, ms1mx2.8/38, Error ellipse: s-maj=26.2km s-min=18.9km az=137.0

NEIC 22:21:26:57.2,2.5,6.76S:0.10:154.79E:0.02,h35km,2km, mb4.4/12, Error ellipse: s-maj=16.9km s-min=3.8km az=181.0

ISC 22:21:26:58.1,0.5,6.84S:0.07:154.79E:0.07,h41km,n48, i1928/50,mb4.3/18,MS3.1/3,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Rabaul, Keravat, Honiara, etc.

22d 22h

Table with columns: BKZ, KRSR, KRSR, USRS, USRS, PETK, PETK, CMAR, CMAR, SONM, SONM, LSA, LSA, ODAN, ODAN, JIRN, JIRN, GUN, GUN, PKI, PKI, PKI, PKIN, PKIN, KKN, KKN, DMN, DMN, GKG, GKG, KOLN, KOLN, DANN, DANN, MKAR, MKAR, ILAR, ILAR, ZALV, ZALV, EYAK, EYAK, NVAR, NVAR, YKA, YKA, AKASE, AKASE, GERES, GERES, TORD, TORD

GII 22:21:41:51.7,0.6,33.07N:34.95E,h11km,2km,MD0.9/7

GRAL 22:21:41:52.3,0.3,33.00N:34.95E,h7km,5km,MD2.7

ISC 22:21:41:52.3,1.6,33.00N:0.04:34.97E:0.07,h18km,6km, n17,0:553/29,Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Hanita, Mount Meron, etc.

RSNC 22:22:12:16.1,1.3,6.84N:73.12W,h150km,5km,ML3.2, MW3.5, Fault plane solution: NP1:phi:9.00000°,delta:0.00000°, lambda:25.00000°

IDC 22:22:12:17.7,4.5,6.50N:73.24W,h196km,41km,mb3.0/3, mb1.3/3, mb1mx3.0/29, mbtmp3.5/3, Error ellipse: s-maj=91.4km s-min=25.0km az=66.0

ISC 22:22:12:14.5,0.9,6.86N:0.03:73.10W:0.03,h159km,6km, n37,i1922/70,mb3.2/13,The North Colombia Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Pamplona, Barranca, La Rusia, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SOCV Socops, GUY2C Guyana, Caltas, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MSZ Milford Sound, MLZ Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VILLA Florida, BRAJIA INFRA, etc.

IDD 22:22:32.32.1+1.0.7.27S:154.51E, h0km, mb4.2/14, mb1 4.4/16, mb1mx4.2/37, mbtmp4.2/16, ML2.1/11, MS3.3/7, MS1 3.4/7, ms1mx3.0/30, Error ellipse: s-maj=28.6km, s-min=17.5km az=138.0

IDD 22:22:37.47.3+0.8.7.20S:154.42E, h0km, mb4.2/14, mb1 4.3/16, mb1mx4.2/33, mbtmp4.2/16, ML4.1/2, Error ellipse: s-maj=21.1km s-min=19.0km az=104.0

IDD 22:22:53.07.0+0.6.18.31S:174.11W, h0km, mb4.2/10, mb1 4.4/11, mb1mx4.2/32, mbtmp4.3/11, ML3.5/1, Error ellipse: s-maj=29.7km s-min=18.2km az=118.0

Islands region

Bougainville-Solomon Islands region

Tonga Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, RABL Rabaul, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NIUE Niue, AFU Afiamalu, etc.

KEA 22:22:39.29.0+0.40'S:122.18'E, h0km, ML3.1/5, Northern China

IDD 22:22:26.0.999.0, 16'38Sx70'89W, h0km, Error ellipse: s-maj=485.3km s-min=62.1km az=67.0, Southern IP

IDD 22:22:56.59.7+1.1.35.91N:71.42'E, h0km, mb3.8/13, mb1 4.0/18, mb1mx3.8/45, mbtmp3.9/18, ML3.7/5, Error ellipse: s-maj=23.3km s-min=17.5km az=169.0

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like MKAR Makanchi Array, DANN Danging, KOLN Koldanda, etc.

IDC 22 23:20:50.6,0.7,1.0;38'S-113.71'E,h0km,mb4,1/14, mb1.8/15,mb4.2/127,mbtmP4.1/15,ML3.6/2,MS3.4/3, Ms1.3/4.3,ms1mx2.8/4.0,Error ellipse: s-maj=2.23km s-min=13.2km az=41.0

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like JAGI Jajag, DNP Denpasar, SRI Singaraja, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like KAPI Kapi, BNSI Bone, GIRL Girialla, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like KBZ Khabaz, BR13 Keskin Array S, BRTR Keskin Array B, etc.

IDC 22 23:35:42.3,0.6,6.66S;154.75E,h0km,mb4,4/17, mb1.4/5/22,mb1mx4.4/35,mbtmP4.4/22,ML3.8/5,MS3.7/16, Ms1.3/7.16,ms1mx3.4/42,Error ellipse: s-maj=16.0km s-min=15.7km az=130.0

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Keravat, KRVT Kervat, etc.

IDC 22 23:20:54.5,0.9,10.9;S-111.4E,h10km,ML4.6/11, mB5.1/2,mb4.8/2,MLV4.5/11,WM(mb)4.4/2

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like WRO Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like SIJI Siji, AS31 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like ODAN Odare, RAMM Ramite, JIRN Jiri, etc.

IDC 22 23:41:43.3,1.3,11.50S;161.80E,h0km,mb3,9/7, mb2.4/1.8,mb1mx3.9/32,mbtmP3.9/8,ML3.8/1,Error ellipse: s-maj=1.7km s-min=24.0km az=130.0

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

IDC 22 23:41:49.1,0.9,11.6S;0.1;161.9E,0.1,h39km,m10, s13/11,m13.8/7,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like WZV Waitaha Valley, WZV Waitaha Valley, WZV Waitaha Valley, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like WZV Waitaha Valley, WZV Waitaha Valley, WZV Waitaha Valley, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like W39A, GEC2, GERES, KHC, ARSA, CLL, TSUM, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like ILAR, NRIK, TAOE, TBI, PPT2, SONM, etc.

NNC 23 02:33:33.0 to 0.36, 36.97N, 70.53E, h0km, mb4.2, mpv3.9, 2C-2D, Error ellipse: s-maj=82.1km s-min=71.1km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AML, UCH, KCH, etc.

IDC 23 02:38:13.2 to 0.7, 7.21S: 154.93E, h0km, mb4.4/16, mb1.4/6/18, mb1mx4.4/37, mbtmp4.4/18, ML3.9/2, MS3.6/9, Ms1.3/6.9, ms1mx3.3/36, Error ellipse: s-maj=21.3km

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

ISC 23 02:38:19.2 to 0.4, 7.23S: 0.06:154.91E:0.06, h41km, n102, 0133/93, mb4.7/51, MS3.7/9, 1C-1D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT, HNR, PMG, etc.

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

IDC 23 02:51:32.6 to 0.5, 6.68S: 155.17E, h0km, mb4.4/17, mb1.4/6/20, mb1mx4.4/38, mbtmp4.4/20, ML3.9/2, MS3.6/5, KVN 1.3/6.5, ms1mx3.2/30, Error ellipse: s-maj=18.9km s-min=15.3km az=106.0

mb4.8/37, Error ellipse: s-maj=15.4km s-min=7.1km az=241.0, ISC 23:02:51.40,1.0,4,6.72S,0.07,155.12E,0.07,h56km,n82, c1941/71,mb4.6/36,Bougainville-Solomon Islands region

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

comp=Z,0.9nm,0.8s,baz=271,slow=4.6,SNR=4.3 PTGA Pitanga 144.22 101 PKP PKPab 03 11 08.9 +0.1

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

H11N2 WAKE ISLAND Hy25.92 280 T T 05 39 27.9

Table with columns: Code, Station Name, Az, Az', Phase ID, 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. Includes stations like NLAI, LUWI, SRBI, etc.

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

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like P55A Reedsville, G55A Calabogie, T55A Pulaski, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like L58A Harry Jones Me, S58A Poland Farm, U58A Oxford, etc.

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

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Modulation, and other technical details for various radio stations.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Modulation, and other technical details for various radio stations.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Modulation, and other technical details for various radio stations.

IDD 23 05:53:37.9,2.4, 8.02S:129.52E, h0km, mb3.6/1, mb1 4.0/4, mb1mx3.6/34, mbtrmp3.8/4, ML3.8/3, MS3.9/1, Ms1 3.9/1, ms1mx3.2/37, Error ellipse: s-maj=92.7km s-min=30.2km az=76.0

IDD 23 05:57:45.9,0.0, 6.70S:154.71E, h0km, mb4.6/22, mb1 4.8/24, mb1mx4.7/34, mbtrmp4.6/24, ML4.3/2, MS3.9/5, Ms1 3.9/5, ms1mx3.4/39, Error ellipse: s-maj=16.0km s-min=13.2km az=86.0

IDD 23 05:57:45.9,0.0, 6.09S:154.93E, h32km, mb5.0/32, mb5.1/50, Ms5.0/11, Ms7.4/76, NEIC 23 05:57:45.7, 1.6, 6.74S:154.70E, 0.07, h35km, 1km, mb4.9/65, Error ellipse: s-maj=13.1km s-min=10.7km az=208.0

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Modulation, and other technical details for various radio stations.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Modulation, and other technical details for various radio stations.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Modulation, and other technical details for various radio stations.

IDD 23 05:56:18.7, 4.1, 37N:43.92E, h7km, 4km, ML2.0 TIF 23 05:56:18.6, 4.1, 33N:43.94E, h13km, 2km

IDD 23 05:56:19.4, 0.9, 41.33N:0.03, 43.91E, 0.02, h10km, 9km, n37, 0.871/68, Turkey-Georgia-Armenia border region

IDD 23 05:56:19.4, 0.9, 41.33N:0.03, 43.91E, 0.02, h10km, 9km, n37, 0.871/68, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Modulation, and other technical details for various radio stations.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Modulation, and other technical details for various radio stations.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Modulation, and other technical details for various radio stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LACR, DGRG, David-gareji, etc.

NEIC 23 07:18:59.0, 2.1, 15.49S, 0.09:73.12W, 0.10, h83km, 5km, mb1.0/4, Error ellipse: s-maj=16.6km s-min=8.1km az=40.0

VAO 23 07:18:58.3, 2.2, 15.35S, 73.06W, h63km, 12km, mb4.2, IDC 23 07:19:03.0, 4.8, 15.44S, 73.03W, h14km, 46km, mb3.5/5, mb1.3/7, mb1mx3.5/30, mbtmp3.9/7, Error ellipse: s-maj=39.1km s-min=22.2km az=88.0

ISC 23 07:19:00.2, 0.6, 15.61S, 0.07:73.11W, 0.08, h102km, n52, @190/58, mb3.8/5, SC-1D, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AP01, AP01, Chacalluta, IPOC Station P, etc.

IDC 23 07:31:29.0, 1.9, 7.37S, 155.08E, h0km, mb3.9/5, mb1.4/6, mb1mx3.7/40, mbtmp3.6/6, ML3.9/1, MS2.8/1, Ms1.2.8/1, ms1mx2.4=35.0, Error ellipse: s-maj=50.5km s-min=29.4km az=120.0

ISC 23 07:31:33.9, 1.7, 7.35S, 0.2:155.1E, 0.2, h31km, n8, @198/7, mb3.8/5, Bougainville-Solomon Islands region

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

NNC 23 07:37:05.6, 3.6, 46.87N, 84.95E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=24.5km s-min=20.0km az=121.0

SOME 23 07:37:33.11, 6.48, 13.8N, 83.45E, h5km, ISC 23 07:37:33.09, 8.1, 48.08N, 0.07:83.66E, 0.07, h10km, n6, @264/9, 6C-2D, Eastern Kazakhstan

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

IDC 23 07:37:06.2, 3.0, 7.20S, 154.33E, h0km, mb3.5/3, mb1.3/8/3, mb1mx3.4/40, mbtmp3.6/3, Error ellipse: s-maj=101.5km s-min=36.8km az=128.0, Bougainville-Solomon Islands region

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

AEIC 23 07:38:58.3, 1.51, 29N, 0.07:174.3W, 0.1, h40km, 9km, mb3.8/15(NEIC), Error ellipse: s-maj=11.7km s-min=8.1km az=145.0

NEIC 23 07:38:58.0, 1.4, 51.24N, 0.07:174.1W, 0.1, h41km, 14km, Error ellipse: s-maj=11.7km s-min=8.6km az=142.0

ISC 23 07:38:57.7, 1.5, 51.24N, 0.1:174.1W, 0.06, h35km, n31, @076/32, Andean Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATKA, Atka Island, ATKA, ATKA, etc.

IDC 23 07:39:06.0, 0.6, 11.54S, 161.95E, h0km, mb4.2/16, mb1.4/3/18, mb1mx4.2/42, mbtmp4.2/18, ML4.1/2, MS3.7/18, Ms1.3.7/18, ms1mx3.5/44, Error ellipse: s-maj=19.3km s-min=15.9km az=83.0

NEIC 23 07:39:10.1, 1.5, 11.55S, 0.08:161.9E, 0.1, h27km, 5km, mb4.7/20, Error ellipse: s-maj=18.9km s-min=8.8km az=62.0

ISC 23 07:39:11.6, 0.4, 11.58S, 0.06:161.97E, 0.09, h39km, n70, @1848/57, mb4.5/28, MS3.7/19, Bougainville-Solomon Islands region

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

GUMO Guam, 30.22 325 LR LR 07 56 24.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11S2, WAKE ISLAND HY 30.24, H11S3, WAKE ISLAND HY 30.25, etc.

IDC 23 07:44:38.6, 2.6, 53.76N, 88.11E, h0km, mb1.3/3/3, mb1mx3.1/65, mbtmp3.3/3, ML3.2/3, Error ellipse: s-maj=23.2km s-min=15.3km az=61.0

NNC 23 07:44:39.7, 3.5, 53.80N, 88.05E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=27.6km s-min=14.4km az=59.0, Suspected Mining explosion

ISC 23 07:44:39.9, 3.5, 53.80N, 0.1:87.9E, 0.2, h0km, n10, @1501/17, 11C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU, ZALESOV INFRA, ZAAO, Zalesov Array, etc.

23d 8h

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

IDC 23 07:53:43.8.2.8, 8:00S, 106.40E, h0km, mb4.1/7, mb1.4/2.8, mb1mx3.8/5.4, mbtmp4.1/8, ML4.1/1, Error ellipse: s-maj=60.3km s-min=44.0km az=169.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNJI Cibinong, CISI Cispomet, SKJI Sukabumi, etc.

IDC 23 07:55:48.9.2.3, 8:30S, 129.57E, h0km, mb3.5/1, mb1.3/8.4, mb1mx3.5/7, mbtmp3.6/4, ML3.7/3, Error ellipse: s-maj=91.1km s-min=29.5km az=76.0, Tumor Sea

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

IDC 23 07:57:38.7.1.2, 62.96N, 150.64W, h83km, 12km, mb3.7/15, mb1.3/8.19, mb1mx3.6/5.5, mbtmp4.0/19, MS3.0/2, Ms1.3/0.2, ms1mx2.5/1, Error ellipse: s-maj=15.3km s-min=9.9km az=119.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUR Hurricane, TRF Thorofare Moun, KTH Kantishna Hill, etc.

2014 APR

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like SPBG Spurr Blockage, SCM Sheep Creek Mo, SPCR Spurr Chakaka, etc.

IDC 23 07:58:03.56.3.4, 19:37S, 177:87W, h401km, 34km, mb3.5/12, mb1.3.7/14, mb1mx3.4/4.5, mbtmp4.2/14, Error ellipse: s-maj=20.0km s-min=13.3km az=111.0

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like GLI Glacier Island, JPK Jack Peak, RDWB Redoubt West, etc.

1678

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like KSRS Korea Array, SOMN Songoing Array, ZALV Zalesovo Beam, etc.

IDC 23 08:01:49.8.0.6, 21:49S, 149:56W, h194km, 7km, ML3.5, mb1.3/3.2, mb1mx3.0/2.0, mbtmp3.4/2, Error ellipse: s-maj=149.1km s-min=82.5km az=74.0

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like DZM Mont Dzumac, URZ Urewera, URU Urewera, etc.

GUC 23 08:01:49.8.0.6, 21:49S, 149:56W, h194km, 7km, ML3.5, mb1.3/3.2, mb1mx3.0/2.0, mbtmp3.4/2, Error ellipse: s-maj=149.1km s-min=82.5km az=74.0

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, LVC Limon Verter, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like PB15, PATCX, PB04, etc.

IBC 23 08:19:46.9, 1.7, 7.34S, 155.02E, h0km, mb4.0/8, mb1 4.2/9, mb1mx3.9/36, mbmtmp3.9/9, ML3.8/1, MS3.1/2, Ms1 3.1/2, ms1mx2.6/40, Error ellipse: s-maj=43.6km s-min=22.9km az=130.0

ISC 23 08:19:51.8, 1.1, 7.25S, 155.11E, h1km, n11, az=13/10, mb3.8/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like KRVT, PMG, JAY, WRA, etc.

PGC 23 08:25:00.7, 3.1, 50.77N, 139.07W, h10km, ML5n3.6/5, MLW4.2/68km, W of S of Sandpit, Bc West Of Vancouver Island, West of Vancouver Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like DIB, BNB, NDB, etc.

IBC 23 08:26:12.8, 2.9, 6.45S, 129.89E, h68km, 40km, mb3.1/1, mb1 3.9/5, mb1mx3.5/32, mbmtmp4.0/5, ML4.1/4, MS3.4/1, Ms1 3.4/1, ms1mx2.4/18, Error ellipse: s-maj=65.8km s-min=23.2km az=81.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like SJU, SIJ, FITZ, etc.

IBC 23 08:58:33.0, 0.0, 7.45S, 154.71E, h0km, mb4.6/26, mb1 4.7/31, mb1mx4.6/50, mbmtmp4.6/31, ML4.1/4, MS3.7/20, Ms1 3.8/20, ms1mx3.6/35, Error ellipse: s-maj=14.2km s-min=12.0km az=79.0

BUI 23 08:58:35.0, 0.0, 7.19S, 155.07E, h26km, mb5.1/35, mb4.9/53, Ms4.8/13, Ms7.4 4/5/6

MOS 23 08:58:37.6, 0.0, 7.50S, 154.65E, h42km, mb5.0/21, Error ellipse: s-maj=9.4km s-min=8.8km az=131.8

NEIC 23 08:58:39.0, 1.8, 7.51S, 154.66E, h44km, 7km, mb5.0/100, Error ellipse: s-maj=11.4km s-min=9.8km az=203.0

DJA 23 08:58:42.1, 0.0, 5.8S, 154.45E, h50km, 6km, M4.7/26, mb5.0/26, mb5.9/31, ML4.6/52, M4.6/52, M4.7/11

ISC 23 08:58:37.3, 0.3, 7.47S, 155.00E, 154.69E, h27km, n213, az=150/198, mb5.0/100, MS3.9/22, 4C-10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like KRVT, KRVT, KRVT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like PMG, COEN, PATS, etc.

WARRAMUNGA ARR 23.14 236 P Iamb 09 03 41.1 -0.6

WARRAMUNGA ARR 23.17 236 P Iamb 09 03 40.8 -1.2

WARRAMUNGA ARR 23.17 236 P Iamb 09 03 43.2

WARRAMUNGA ARR 23.29 236 P Iamb 09 03 42.5 -0.7

WARRAMUNGA ARR 23.29 236 P Iamb 09 03 44.4

WARRAMUNGA ARR 23.30 236 P Iamb 09 03 42.1 -1.2

WARRAMUNGA ARR 23.30 236 P Iamb 09 12 03.3

WARRAMUNGA ARR 23.78 255 P Iamb 09 03 46.1 -1.9

WARRAMUNGA ARR 23.78 255 P Iamb 09 03 49.1

WARRAMUNGA ARR 24.25 285 P Iamb 09 03 52.4 0.0

WARRAMUNGA ARR 24.25 285 P Iamb 09 13 36.1

WARRAMUNGA ARR 25.63 229 P Iamb 09 04 04.2 -0.7

WARRAMUNGA ARR 25.63 229 P Iamb 09 04 03.9 -1.1

WARRAMUNGA ARR 26.65 250 P Iamb 09 13 44.7

WARRAMUNGA ARR 26.65 250 P Iamb 09 04 10.3 -1.1

WARRAMUNGA ARR 26.65 250 P Iamb 09 04 16.6

WARRAMUNGA ARR 28.39 25 T Iamb 09 33 19.3

WARRAMUNGA ARR 28.39 25 T Iamb 09 33 06.6

WARRAMUNGA ARR 28.40 25 T Iamb 09 33 15.1

WARRAMUNGA ARR 30.18 247 P Iamb 09 04 44.7 -0.9

WARRAMUNGA ARR 30.18 247 P Iamb 09 16 59.7

WARRAMUNGA ARR 30.18 247 P Iamb 09 04 44.8 -0.8

WARRAMUNGA ARR 30.57 212 P Iamb 09 04 48.3 -0.7

WARRAMUNGA ARR 32.44 280 P Iamb 09 05 05.5 -1.1

WARRAMUNGA ARR 32.69 265 P Iamb 09 05 07.1 -0.8

WARRAMUNGA ARR 32.84 295 P Iamb 09 05 10.1 +1.0

WARRAMUNGA ARR 34.04 224 P Iamb 09 05 18.4 -0.9

WARRAMUNGA ARR 34.52 273 P Iamb 09 05 24.6 +0.9

WARRAMUNGA ARR 34.81 272 P Iamb 09 05 25.8 -0.4

WARRAMUNGA ARR 34.91 274 P Iamb 09 05 25.6 -1.5

WARRAMUNGA ARR 34.99 275 P Iamb 09 05 28.3 +0.5

WARRAMUNGA ARR 36.55 265 P Iamb 09 05 39.7 -1.5

WARRAMUNGA ARR 36.75 150 P Iamb 09 05 42.6 +0.1

WARRAMUNGA ARR 36.75 150 P Iamb 09 05 44.1

WARRAMUNGA ARR 38.85 161 P Iamb 09 06 00.7 +0.5

WARRAMUNGA ARR 40.16 266 P Iamb 09 06 09.5 -2.0

WARRAMUNGA ARR 43.09 266 P Iamb 09 06 35.1 -0.5

WARRAMUNGA ARR 46.28 332 P Iamb 09 07 00.6 -0.2

WARRAMUNGA ARR 46.28 332 P Iamb 09 07 01.4

WARRAMUNGA ARR 46.43 342 P Iamb 09 06 06.6

WARRAMUNGA ARR 49.83 292 P Iamb 09 07 27.2 -1.5

WARRAMUNGA ARR 49.83 292 P Iamb 09 07 30.5

WARRAMUNGA ARR 50.60 331 P Iamb 09 07 34.7 +0.8

WARRAMUNGA ARR 51.22 333 P Iamb 09 07 38.6 +0.1

WARRAMUNGA ARR 52.09 321 P Iamb 09 28 15.9

WARRAMUNGA ARR 52.09 321 P Iamb 09 07 47.0 +1.8

WARRAMUNGA ARR 55.16 106 eLR LR 09 24 11.0

WARRAMUNGA ARR 55.21 350 eP MLR 09 08 09.7 +1.9

WARRAMUNGA ARR 55.37 340 P Iamb 09 08 09.2 +0.2

WARRAMUNGA ARR 55.77 113 eLR LR 09 24 30.4

WARRAMUNGA ARR 55.96 323 P Iamb 09 08 13.8 +0.4

WARRAMUNGA ARR 56.55 278 P Iamb 09 08 16.4 -1.6

WARRAMUNGA ARR 56.57 278 P Iamb 09 08 16.4 -1.9

WARRAMUNGA ARR 57.47 301 P Iamb 09 08 22.6 -1.8

WARRAMUNGA ARR 57.50 308 eP Iamb 09 08 26.6 +1.9

WARRAMUNGA ARR 57.63 276 P Iamb 09 08 24.9 -0.8

WARRAMUNGA ARR 57.63 276 P Iamb 09 08 24.3 -1.4

WARRAMUNGA ARR 57.83 279 P Iamb 09 08 25.2 -1.9

WARRAMUNGA ARR 58.25 295 P Iamb 09 08 27.8 -2.2

WARRAMUNGA ARR 59.14 326 P Iamb 09 08 34.9 -0.8

WARRAMUNGA ARR 59.14 326 P Iamb 09 16 41.6 +0.1

WARRAMUNGA ARR 59.84 317 P Iamb 09 08 39.1 -1.6

WARRAMUNGA ARR 59.84 317 P Iamb 09 08 39.1 -1.6

WARRAMUNGA ARR 59.84 317 P Iamb 09 08 39.1 -1.6

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WARRAMUNGA ARR 59.84 317 P Iamb 09 08 39.1 -1.6

WARRAMUNGA ARR 59.84 317 P Iamb 09 08 39.1 -1.6

WARRAMUNGA ARR 59.84 317 P Iamb 09 08 39.1 -1.6

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like XAN, KLR, KUD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sheep Creek Mo, Sheep Creek Mo Reindeer, Wood River Hill, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PBEJ, PNCU, PVEA, etc. and a large section for KOLA 23 09:00:11.4, 64.82N, 30.01E, h0km.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AS31, ASAR, KNRA, FITZ, etc. and a large section for ISK 23 09:15:54.8, 37.31N, 42.64E, h5km, ML2.5/6.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG, CGIG, APG, TGIG, CMIG, TXAR, ANMO, YKA, ILAR, NOA.

ISC 23 10:23:30.5 ± 0.49, 65.5N, 0.06:17.04E, h0.8km, n5,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MORC, VRAC, KRUC, JAVC, KSP.

DJA 23 10:27:25.0 ± 1.2, N:12° 12' 08" E, h93km, mb3.9/5,

m24.9/2, mb5.0/3, 4.2/2.2, IDIC 23 10:27:27.4 ± 0.1, 10N, 128.78E, h167km, mb3.3/5,

mb1 3.4/6, mb1mx3.1/4, mbtmp3.8/8, Error ellipse: s-maj=89.2km s-min=17.7km az=77.0

ISC 23 10:27:20.9 ± 0.2, 14N, 0.10:128.3E, 0.1, h92km, n11,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TMTI, SUIJ, SANI, LUWI, TTSI, WRA, ASAR, KSR, SONM, MKAR.

IDC 23 10:32:07.5 ± 1.4, 7.34S, 155.17E, h0km, mb3.8/7,

mb1 4.1/8, mb1mx3.8/40, mbtmp3.8/8, M3.6/1, Error ellipse: s-maj=37.4km s-min=26.4km az=122.0

ISC 23 10:32:12.3 ± 1.1, 7.35S, 0.1:155.2E, 0.1, h31km, n9,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT, PMG, WRA, ASAR, CMAR, SONM, ILAR, MKAR, YKA.

IDC 23 10:32:33.1 ± 1.4, 5.27S, 102.77E, h0km, mb4.1/10,

mb1 4.2/10, mb1mx3.9/50, mbtmp4.1/10, MS2.9/2, Ms1 2.9/2, ms1mx2.5/44, Error ellipse: s-maj=54.0km

s-min=16.8km az=53.0, NEIC 23 10:32:28.2 ± 1.4, 5.37S, 0.07:102.76E, 0.09, h35km, 2km,

mb4.5/10, Error ellipse: s-maj=18.2km s-min=8.4km az=236.0

DJA 23 10:32:28.6 ± 0.6, 5.5S, 10.3E, h193km, M4.4/12,

mb5.3/2, mb4.7/1, M1.6/3, 1/12, Mw(m)B4.7/2

ISC 23 10:32:28.7 ± 0.9, 5.35S, 0.1:102.82E, 0.10, h38km, n46,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNAI, LWLI, MDSI, KASI, KSI, MASI, PPSI, CNJI, LEM, PDSI, CIGI, CIGI, UGM, GSI, KPAI, PSAA2, CMAR, FITZ, FITZ, MORW.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KNRA, MTN, H0S2, H0S3, H0S1, H01W3, H01W2, H01W1, WB0, WRA, WB2, WR0, ASAR, KSR, SONM, MK31, MK31, MKAR, KURK, KLR, ZAA0, ZALV, BRTR, TXAR, TKL, TKL.

NEIC 23 10:36:46.4 ± 1.8, 6.48S, 0.08:155.18E, 0.08, h35km, 1km,

mb4.6/50, Error ellipse: s-maj=14.2km s-min=12.7km az=204.0

IDC 23 10:36:49.0 ± 0.6, 6.36S, 155.07E, h60km, 5km, mb4.1/21,

mb1 4.2/25, mb1mx1.1/44, mbtmp4.4/25, MS3.1/4, Ms1 3.1/4, ms1mx2.7/35, Error ellipse: s-maj=12.0km

s-min=10.9km az=61.0, ISC 23 10:36:48.9 ± 0.4, 6.49S, 0.05:155.08E, 0.06, h56km, n86,

±171.94, mb4.5/42, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RABL, KRVT, KRVT, HNR, HNR, PMG, PMG, PMG, PHT, COEN, CTA, CTA, DZM, DZM, DZM, WRO, WRO, ARMA, WRO, WRO, WRAB, WRAB, WRA, WRA, SUIJ, SUIJ, MTN, MTN, ASAR, ASAR, ASAR, H1S3, H1S3, H1S1, H1S1.

WEL 23 10:48:49.9 ± 40.5S, 1.177E, h15km, 3km, M3.6/27,

M3.9/27, M1.3/6, 2/7, Error ellipse: s-maj=0.0km s-min=0.0km az=82.8, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRHX, PHXZ, PXZ, WPHZ, WPHZ, DVHZ, BFZ, KAHZ, PRWZ, PNHZ, CPWZ, MRZ, POWZ, CKHZ, TIWZ, KRHZ, MCHZ, TMWZ, KWHZ, BHHZ, H0WZ, ARWZ, BKZ, MTWZ, MOVZ, NMHZ, CWZ, TRWZ, WHWZ, TUWZ, MTWZ, TRWZ, PAWZ, DRZ, FAWZ, CAWZ, KIWZ, WAZ, NGZ, MHGZ, MTHZ, PKVZ, KRWZ, MRWZ, WTVZ, RIZW, HATZ, KATZ, PLWZ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SBUM, NWA0, NWA0, NWA0, NWA0, SSSL, KSM, JNU, JNU, XMSI, KSR, JKA, ASAJ, KLR, PETK, PETK, CMAR, CMAR, MA2, CASY, SONM, BILL, BILL, PALK, PALK, PALK, SUA, SUA, RC01, PPLA, PPLA, PMR, GHO, SML, SML, MLY, MLY, MCAR, MCAR, ILAR, ILAR, ILAR, MK31, MK31, MKAR, MKAR, MKAR, CTGM, MAKZ, MAKZ, QSPA, QSPA, ZALV, ZALV, MAW, MAW, MAW, MAW, HTY, HTY, DAWZ, KURK, NVAR, YKA, YKA, GERES, GERES.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWVZ Taurewa, SNGZ Shannon Station, RATZ Rangitukua, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SUA Susitna One, PMA Palmer, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DDA 23 10:52:45.1,3873N,27.02E, h7km,5km, ML1.2, Turkey.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UCR 23 11:27:15.5,1.1, 13.39N,89.66W, h56km,5km, ML3.8.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZEDA zmri-Bergama, ZEDA, URLA Izmir, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSR5 Korea Array, CMAR Chiang Mai Arr, SONM Songoing Array, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSR5 Korea Array, CMAR Chiang Mai Arr, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LFRS El Faro, LBR5 Las Brisas, COEG Centro de Oper, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSR5 Korea Array, CMAR Chiang Mai Arr, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTO3 Montecristo, MTO3 Montecristo, MTO3 Montecristo, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSR5 Korea Array, CMAR Chiang Mai Arr, SONM Songoing Array, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSR5 Korea Array, CMAR Chiang Mai Arr, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WEL 23 11:40:59.3,0.9,36'S,6'17'9"E, h33km, M3.5/1, ML3.8/21, ML3.5/21, East coast of North Island.

23d 14h

Table with columns: Code, Station Name, Az, El, P, Pmax, Res, and various numerical values for stations like WRA, ASAR, MTN, etc.

NEIC 23:14:20:48.0 1.6, 7.50S:0.05x154.7E:0.1, h7km, 4km, mb5.0/97, Error ellipse: s-maj=15.1km s-min=6.5km az=105.0

Bougainville-Solomon Islands Region

Table with columns: Code, Station Name, Az, El, P, Pmax, Res, and various numerical values for stations like KRVT, RABL, PMG, etc.

2014 APR

Table with columns: Code, Station Name, Az, El, P, Pmax, Res, and various numerical values for stations like KSRS, KS19, INCN, etc.

1688

Table with columns: Code, Station Name, Az, El, P, Pmax, Res, and various numerical values for stations like PPLA, RDG, DGZ, etc.

23d 16h

Table of station data for 23d 16h, including columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station identifiers like BFZ, MSWZ, etc.

2014 APR

Main table of station data for 2014 APR, including columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station identifiers like IDC, NEIC, RSC, etc.

1690

Table of station data for 1690, including columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station identifiers like smi:scs, LDG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Bagumbayan, Su KCP, Don Marcelino, Pagadian, Mususan, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Fitzroy Crossi, Chiang Mai Arr, Songoing Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Denali Highway, Gilahina Butte, Verde Repeater, etc.

23d 17h: 19:39.4-0.8, 28.03N-103.51E, h0km, mb3.9/17, mb1 3.4/4, mb1mx3.2/29, mbmp3.2/4, ML3.3/1, Error ellipse: s-maj=50.2km s-min=28.4km az=79.0, Andaman Islands region

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

23d 17h: 19:39.4-0.8, 28.03N-103.51E, h0km, mb3.9/17, mb1 3.4/4, ms1mx2.8/46, Error ellipse: s-maj=23.3km s-min=14.3km az=38.0

23d 17h: 19:40.2-0.0, 28.09N-103.53E, h7km, mb4.2/3, mb4.0/15, ML3.8/18, Ms3.7/10, Ms7.3/6/12, NEIC 23d 17h: 19:41.5-1.6, 28.10N-103.51E, h10km, 1km, mb4.3/17, Error ellipse: s-maj=14.6km s-min=8.4km az=266.0

23d 17h: 19:41.3-0.5, 28.14N-103.64E, h10km, n48, r15/50, mb4.2/25, MS3.0/3, IC, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kunming, Guliang, Enshi, Son La, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kajisay, Naryn, Nilore, SBUIM, etc.

JMA 23d 17h: 23:15.6-0.2, 25.84N-124.78E, h119km, M3.3, Northeast of Taiwan

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

UCR 23d 17h: 36:35.7-1.3, 12.41N-87.70W, h37km, 352km, ML3.8, SNET 23d 17h: 36:36.1-2, 12.42N-87.71W, h38km, 199km, ML3.8, INET 23d 17h: 36:4.1-1.6, 12.38N-09.8771W, h21km, 5km, n35, e040/60, 5D, Near coast of Nicaragua

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Universidad de, Centro de Oper, etc.

KRNET 23d 17h: 38:35.9-0.1, 43.01N-78.67E, h15km, mb2.7, NINC 23d 17h: 38:35.5-0.5, 43.00N-78.69E, h1km, 3km, mb2.9, mpv3.2, Error ellipse: s-maj=4.9km s-min=2.4km az=172.0, SOME 23d 17h: 38:36.0, 43.02N-78.68E, h10km, ISC 23d 17h: 38:36.0-1.0, 43.02N-78.68E, h10km, n40, r1308/80, 13C-5D, Lake Issyk-Kul region

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like TKM2, TKM2, TKM2, etc.

JMA 23 17:41:58.9, 0.7, 45:73N, 151:66E, h30km, M4.4
SKHL 23 17:41:59.6, 0.1, 45:59N, 151:77E, h56km, 4km, mb4.4/8
MOS 23 17:41:59.8, 1.1, 45:75N, 151:54E, h55km, mb4.4/20, Error ellipse: s-maj=9.4km s-min=6.8km az=60.9

NEIC 23 17:42:03.2, 1.5, 45:9N, 0.1, 151:56E, 0.1, h67km, 7km, mb4.5/17, Error ellipse: s-maj=16.7km s-min=10.9km az=150.0

IDC 23 17:42:03.9, 2.4, 45:82N, 151:47E, h72km, 20km, mb3.5/18, m1 3.6/25, m1mx3.6/44, mbtmp3.8/25, MS3.1/9, Ms1 3.1/9, ms1mx2.8/45, Error ellipse: s-maj=16.7km s-min=12.5km az=136.0

ISC 23 17:41:58.3, 0.6, 45:51N, 0.07, 151:71E, 0.06, h32km, n138, +191/147, mb4.0/33, MS3.2/4, 3C-2D, Kuril Islands

Main table for 1693 containing station data for Kuril Islands, Yuzh-Kuril'sk, and other stations. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

Main table for 2014 APR containing station data for TYV, JNB, PEAOB, PETK, PETK, etc. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

Table for 23d 17h containing station data for KKAR, KKAR, KKAR, etc. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

IDC 23 17:42:04.1, 5.4, 6.41S, 153:54E, h91km, 34km, mb3.3/4, m1 3.4/6, mb1mx3.2/32, mbtmp3.7/6, Error ellipse: s-maj=68.0km s-min=19.4km az=114.0, New Britain region

Table for 23d 17h containing station data for KRVT, KRVT, KRVT, etc. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

DDA 23 17:47:49.5, 34:76N, 32:35E, h7km, 3km, ML3.2
ISK 23 17:47:55.3, 34:93N, 32:45E, h40km, 3km, ML3.4/37
NIC 23 17:47:56.7, 0.0, 34:99N, 32:55E, h40km, 1km, ML3.5/9
GII 23 17:47:57.9, 0.1, 34:85N, 32:61E, h40km, MD2.4e

GRAL 23 17:48:01.6, 0.9, 34:75N, 32:96E, h23km, 22km, MD3.6
ISC 23 17:47:55.1, 1.3, 34:98N, 0.02, 32:47E, 0.03, h49km, 5km, n102, e2817/143, 3C-4D, Cyprus region

Main table for 23d 17h containing station data for AKMS, AKMS, AKMS, etc. Columns include Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters.

23d 18h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like H48A Hartselle, ITAB Concordia, VLD0 Val d'Or, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like H43A Windswept, H43A H43A, 441A DeRide, etc.

1696

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like U32A Winter Ranch, U32A U32A, ABTX Abilene, Hawle, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NKVC, ISCO, ANMO, KHC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PV20, PV19, ZST, KSP, etc.

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

23d 18h

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, SNR, and other parameters. Includes stations like F05D White Salmon, M04C Macdowell, O03E Paynes Creek, etc.

2014 APR

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, SNR, and other parameters. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

1698

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, SNR, and other parameters. Includes stations like MAJO Matusushiro, MAT Matusushiro, MJAR Matusushiro, etc.

Station status and error messages: IDC 23 18:25:28.7, 0.8, 5.2; 96N:167.56W, h0km, mb4, 1/24, mb1 4.2/26, mb1mx3.9/68, mbtmp4.0/26, ML3.3/2, Error ellipse: s-maj=24.3km s-min=13.1km az=162.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OKFG Magazine Ridge, OKFG Okmok Cone F, OKWE Okmok Wng Wal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1S3 WAKE ISLAND, MJAR Matsushiro Arr, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BR131 Keskin Array, BRTR Keskin Array, etc.

NNC 23 18:28:44.0±0.10,0.37,00N,70.64E,h0km,mb3.9,mpv3.6, 3C-3D, Error ellipse: s-maj=82.6km s-min=72.4km

az=166.0, Afghanistan-Tajikistan border region

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

IDC 23 18:30:58.3±1.2, 6.81S, 154.51E, h0km, mb3.7/8, mb1 4.0/9, mb1mx3.8/3.3, mbtmp3.7/9, ML3.7/1, Error ellipse: s-maj=32.6km s-min=24.4km az=119.0

NEIC 23 18:30:59.1±1.7, 7.5S, 0.1±154.9E, 0.1±1.3h3km, n17, mb4.3/4, Error ellipse: s-maj=24.8km s-min=13.2km az=324.0

ISC 23 18:31:03.2±1.0, 6.9S, 0.1±154.6E, 0.1±1.1h39km, n17, az=153/16, mb3.8/1.1, Bougainville-Solomon Islands region

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

IDC 23 18:37:26.0±0.5, 14.99N, 45.13W, h0km, mb4.1/26, Mb1 4.3/27, mb1mx4.2/47, mbtmp4.1/27, ML4.0/1, MS3.9/2, Ms1 3.8/2, ms1mx3.2/49, Error ellipse: s-maj=17.5km s-min=12.2km az=127.0

NEIC 23 18:37:27.7±1.5, 15.02N, 0.10±45.1W, 0.1±1.1h10km, n1km, mb4.6/41, Error ellipse: s-maj=21.5km s-min=14.4km az=123.0

ISC 23 18:37:28.3±0.4, 14.97N, 0.08±45.1W, 0.09±1.4h4km, n102, az=150/192, mb4.4/0, 3C-1D, Northern Mid-Atlantic Ridge

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H10N3 ASCENSION HYDR84, H10N2 ASCENSION HYDR87, etc.

VAO 23 18:38:02.0±0.6, 3.76N, 71.93W, h33km, mb4.0, IDC 23 18:38:10.6±1.0, 3.76N, 71.37W, h0km, mb3.6/5, mb1 4.0/9,

mb1mx3.7/39, mbtmp3.8/9, ML2.9/3, Error ellipse: s-maj=23.1km s-min=15.6km az=18.0

RSNC 23 18:38:15.7±1.1, 3.89N, 71.60W, h6km, 6km, ML3.7, Mw3.8

ISC 23 18:38:11.2±1.5, 3.80N, 0.04±71.44W, 0.04, h6km, 10km, n43, az=13/50, mb3.6/4, 1C, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTCG Puerto Gaitan, GUVG San Jose del G, etc.

IDC 23 18:52:27.2±0.7, 11.40S, 161.86E, h0km, mb4.0/12, mb1 4.2/13, mb1mx4.1/31, mbtmp4.1/13, ML4.4/1, MS3.5/5, Ms1 3.5/5, ms1mx3.1/28, Error ellipse: s-maj=24.0km s-min=20.3km az=87.0

NEIC 23 18:52:27.3±2.1, 11.39S, 0.08±162.06E, 0.03±1.0h10km, 1km, mb4.6/17, Error ellipse: s-maj=14.3km s-min=4.8km az=165.0

ISC 23 18:52:32.1±0.5, 11.48S, 0.07±162.00E, 0.09±1.3h39km, n52, az=152/53, mb4.3/23, Bougainville-Solomon Islands region

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

23d 19h

Table with columns: WRA, comp, LR, LR, 19 09 06.5, etc. Lists various astronomical objects and their properties.

INET 23 18:56:30.8, 11:69N:88:65W, h15km, ML3.9
IDC 23 18:56:38.4, 1.1, 12:71N:87:25W, h0km, mb3.8/6,
mb1 4.1/10, mb1mx3.8/38, mbtmp3.8/10, ML3.3/4, MS3.3/2,
ms1 3.3/2, ms1mx2.8/35, Error ellipse: s-maj=4.3km
s-min=1.7km az=81.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station data for Nicaragua.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station data for various locations.

2014 APR

Main table with columns: ARE1, ESPN, ESPN, APG, LCR2, CVTR, TEIG, CMIG, CMIG, TLIG, SDV, 152A, 152A, LRAL, Z50A, Z51A, JCT, JCT, GOGA, GOGA, Y49A, Y52A, Y52A, TXAR, TX31, TX31, TX32, MJAR, UALR, UALR, ABTX, ABTX, X37A, W39A, TKL, TKL, V51A, V53A, V53A, X34A, W35A, U40A, U40A, WMOK, FNO, TUL1, TUL1, T47A, T47A, U38A, U38A, T42A, T42A, MNTX, SIUC, SIUC, MSTX, MSTX, AMTX, AMTX, S39A, CCM, SAML, SAML, SPMM, PDAR, PDAR, AGMM, REDW, SNOW, ULM, ULM, DGMT, FFC, YKA, PLCA, ILAR, NOA, CD2, ASAR, CMAR, CMAR, NEIC, IDC, PGC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res.

1700

Table with columns: HOLB, BBB, BBB, BBB, PNC, MAYJ, JIS, BESE, PNL, DLBC, DLBC, DLBC, UBRB, MESA, RKAZ, RKAV, YUK7, YUK7, HJHT, GRNC, GRNC, WHY, WHY, YKAG, YKAG, KIAG, KIAG, YUK5, YUK5, BALM, BALM, YALM, YALM, YUK4, YUK4, PTPK, PTPK, KDAK, KDAK, YUK3, YUK3, YUK1, YUK1, SUA, SUA, SKT, SKT, DAWY, DAWY, YKA, YKA, INK, INK, INK, INK, NVAR, NVAR, NVAR, PD31, PD31, Pinedale, Pinedale, PDAR, PDAR, FFC, FFC, ULM, ULM, NOA, NOA.

WEL 23 19:37:24.0, 37°S:5°17'8E, h157km, 6km, M4, 1/113,
ML4, 1/113, Error ellipse: s-maj=0.0km s-min=0.0km
az=162.7
IDC 23 19:25:44.1, 0.37:53S:177:61E, h182km, 7km, mb3.6/2,
mb1 3.9/3, mb1mx3.4/24, mbtmp3.4/23, MS3.4/1, MS1 3.3/1,
ms1mx2.8/24, Error ellipse: s-maj=31.8km s-min=25.0km
az=149.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station data for various locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like WTAZ, RVAZ, KWHZ, KRZV, etc.

TEH 23:20:00:47.6, 29.18N-58.36E, h6km, ML3.5
THR 23:20:00:49.3, 0.3, 29.22N-58.34E, h14km, km, ML3.2
ISC 23:20:00:48.9, 1.2, 29.19N-0.05, 58.38E, 0.04, h15km, n17,
c172/19, Southern Iran

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

IDC 23:20:02:37.7, 1.7, 6.45S, 129.67E, h0km, mb3.5/1,
mb1 3.6/5, mb1mx3.4/6, mbtmp3.5/5, ML3.5/4, Error
ellipse: s-maj=60.7km s-min=24.8km az=87.0, Banda
Sea

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

MOS 23:20:04:03.4, 0.9, 23.79S-179.84W, h509km, mb4.8/9,
Error ellipse: s-maj=11.7km s-min=8.7km az=130.3
BUJ 23:20:04:03.9, 0.0, 23.55S-179.37W, h522km, mb5.0/35,
mb4.9/55

IDC 23:20:04:04.0, 0.4, 23.73S-179.82W, h503km, mb4.5/36,
mb1 4.6/38, mb1mx4.5/43, mbtmp5.3/38, Error ellipse:
s-maj=9.8km s-min=7.1km az=179.0
NEIC 23:20:04:04.8, 1.9, 23.78S-179.81W, h501km,
mb5.18km, mb4.9, mb4.9216, Error ellipse: s-maj=12.6km
s-min=12.1km az=146.0

GCMT 23:20:04:07.8, 0.3, 23.85S-179.77W, 0.04,
h528km, 2km, MW5.4/76, Moment Tensor Solution,
s76, c99; Duration: 152 Moment tensor: Scale 10^17Nm;
Mn:0.05±0.04; Mo:0.22±0.07; M0:0.16±; M0:0.32±0.08;

MW:0.42±0.07; Mw:1.54±0.05; Best double couple:
M0:1.63000e+17; NP1:0.260, 0.00000, 0.816, 0.00000;
lambda:0.00000; NP2:0.168, 0.00000, 0.889, 0.00000; lambda:1.06, 0.00000;
Principal axes: T: 1.6540, Pz:43.0000, Azm:94.0000; N
-0.0300, Plg:16.0000, Azm:347.0000; P: -1.6240,
Plg:42.0000, Azm:242.0000; nsta1 refers to body waves,
cutoff=40s; Triangular moment-rate function
BGR 23:20:04:18.1, 0.0, 22.34S, 174.62W, h535km, 2km
ISC 23:20:04:04.0, 0.3, 23.91S-179.75W, 0.04,
h515km, 2km, h516km; comp=P-P, n872, c1941/959, mb5.0/212,
49C-42D, South of Fiji Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like RIZ, RAO, RAO, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like EIDS, MGBC, TGBU, etc.

BRK	comp=Z,19nm,0.8s	86.67	14	P	P	20 15 52.2	-0.5
WVOR	baz=231	86.77	40	I	I	20 15 54.1	+0.4
SLVN	comp=Z,26nm,1.2s	86.81	295	P	I	20 15 54.1	-0.2
G05D	comp=Z,22nm,1.2s	86.95	37	P	P	20 15 55.4	+1.0
GYA	baz=231	86.95	301	I	I	20 15 55.1	+0.1
GYA	pp					20 17 52.0	-0.4
GYA	pp					20 19 31.6	+3.9
GYA	SKS					20 25 32.8	-0.3
GYA	SKKSac					20 25 45.1	+1.2
GYA	SS					20 31 49.6	+0.7
GYA	pmx						
GYA	comp=Z,10.0nm,1.0s						
319A	comp=Z,110nm,6.3s	86.97	54	P	I	20 15 56.9	+1.9
319A	baz=231					20 15 58.2	
X16A	comp=Z,66nm,1.1s	86.97	50	P	I	20 15 56.1	+1.1
X16A	baz=231					20 15 57.8	
E16D	comp=Z,18nm,1.1s					20 17 49.6	-1.7
X04A	Cinebar	87.10	35	P	P	20 15 56.5	+1.5
PBKT	Sadao Pong	87.19	289	P	I	20 15 56.8	+0.7
PBKT	Beijing	87.20	316	P	I	20 15 56.0	+0.4
BJI	comp=Z,35nm,1.1s					20 18 42.3	+2.5
BJI	SS					20 29 16.0	+3.4
BJI	pmx						
BJI	comp=Z,15nm,0.6s						
F05D	comp=Z,150nm,4.5s	87.27	37	P	P	20 15 56.9	+1.1
U15A	North Rim	87.44	48	P	I	20 15 58.6	+1.3
U15A	baz=231					20 15 59.9	
D03D	comp=Z,33nm,1.0s	87.45	35	P	P	20 15 57.9	+1.2
HPIG	Eldon	87.57	59	P	I	20 15 57.7	-0.2
HPIG	baz=230					20 16 00.0	
WUAZ	comp=Z,24nm,1.0s	87.59	49	P	P	20 15 59.2	+1.3
WUAZ	Wupatki	87.59	49	P	I	20 15 58.7	+0.9
WUAZ	baz=238					20 16 01.1	
ELK	comp=Z,24nm,1.2s	87.87	43	P	P	20 15 59.9	+0.8
ELK	Elko	87.87	43	P	P	20 15 59.9	+0.8
MOIG	Morelia	87.93	68	P	P	20 16 00.6	+0.7
X18A	Snowflake	88.08	51	P	I	20 16 00.6	+0.4
PLCA	comp=Z,13nm,1.0s	88.09	134	P	P	20 16 02.0	+1.9
PLCA	Paso Flores	88.09	134	P	I	20 16 01.7	+1.5
PLCA	PLCA	88.09	134	P	I	20 16 04.2	
RC01	comp=Z,18nm,1.1s	88.12	14	P	I	20 15 59.0	-0.4
RC01	Rabbit Creek A	88.12	14	P	I	20 16 03.8	
ZAIG	comp=Z,19nm,1.1s	88.15	64	P	I	20 16 02.4	+1.5
ZAIG	Zacatecas	88.15	64	P	I	20 16 02.4	+1.5
BBB	comp=Z,29nm,1.1s	88.16	29	P	P	20 16 00.6	+0.8
BBB	Bella Bella	88.16	29	P	I	20 16 06.6	
TIV	comp=Z,27nm,1.1s	88.36	313	eP	S	20 16 02.5	+1.2
TIV	Taiyuan	88.36	313	S	pmx	20 26 08.8	+5.7
B05A	comp=Z,39nm,0.7s	88.43	34	P	P	20 16 02.3	+1.1
B05A	Bryant	88.43	34	P	P	20 16 03.5	+1.3
W18A	comp=Z,27nm,1.3s	88.53	50	P	I	20 16 01.8	-0.5
W18A	Petrified Fore	88.53	50	P	I	20 16 04.6	
GLI	comp=Z,27nm,1.3s	88.55	15	P	P	20 16 00.9	-0.5
GLI	Glacier Island	88.55	15	P	I	20 16 02.2	
HAWA	comp=Z,18nm,0.8s	88.64	37	P	I	20 16 03.0	+0.8
HAWA	Hanford	88.64	37	P	I	20 16 04.5	
121A	comp=Z,34nm,1.1s	88.65	53	P	P	20 16 04.7	+1.8
121A	Cookes Peak, D	88.65	53	P	I	20 16 04.4	+1.5
121A	Cookes Peak, D	88.65	53	P	I	20 16 05.9	
PMR	comp=Z,20nm,1.1s	88.70	14	P	P	20 16 01.2	-0.9
GHO	Palmer	88.71	14	P	I	20 16 02.8	-0.4
GHO	Glory Hole Cre	88.71	14	I	I	20 16 04.1	
XAN	comp=Z,18nm,0.8s	88.93	308	P	S	20 16 04.4	+0.4
XAN	Xi'an	88.93	308	S	pmx	20 26 11.6	+3.2
XAN	comp=Z,33nm,0.8s						
BMO	comp=Z,61nm,4.9s	88.98	39	P	P	20 16 04.3	+0.3
DUG	Blue Mountains	89.11	45	P	P	20 16 05.5	+0.7
DUG	Dugway, Tooele	89.11	45	P	P	20 16 05.2	+0.4
TLIG	comp=Z,27nm,1.1s	89.26	71	P	I	20 16 06.5	+0.5
TLIG	Tipapa	89.26	71	P	I	20 16 08.9	
WAX	comp=Z,34nm,1.1s	89.27	17	P	P	20 16 05.7	+0.8
WAX	Waxell Ridge	89.27	17	P	I	20 16 06.6	
MESA	comp=Z,15nm,0.8s	89.29	18	P	P	20 16 06.0	+0.8
MESA	MESA	89.29	18	P	I	20 16 29.0	
SCM	comp=Z,30nm,1.0s	89.32	15	P	P	20 16 04.3	-0.9
SCM	Sheep Creek Mo	89.32	15	P	I	20 16 05.8	
SEY	comp=Z,14nm,0.9s	89.33	348	I	I	20 16 05.4	+0.4
SEY	Seymchan	89.33	348	I	I	20 16 06.5	+0.6
WRAK	comp=Z,15nm,0.9s	89.33	348	I	I	20 16 08.0	
WRAK	Wrangell Islan	89.33	348	I	I	20 16 06.4	+0.2
TGL	comp=Z,26nm,1.4s	89.74	290	P	P	20 16 09.2	+1.1
TGL	Chiang Mai Arr	89.74	290	P	P	20 16 09.4	+1.4
CM31	comp=Z,21nm,0.9s	89.74	290	P	P	20 18 00.9	0.0
CMAR	comp=Z,21nm,0.9s	89.74	290	P	P	20 19 49.0	-0.8
CMAR	Chiang Mai Arr	89.74	290	P	P	20 33 38.8	+1.2
CMAR	comp=Z,5.6nm,1.1s	89.74	290	P	P	20 16 08.7	+0.7
CMAR	Chiang Mai Arr	89.74	290	P	P	20 18 01.6	+0.7
VRDI	comp=Z,13nm,1.2s	89.76	17	P	I	20 16 06.2	-1.1
VRDI	Verde Repeater	89.76	17	P	I	20 16 08.7	
ZEZ	comp=Z,13nm,1.2s	89.83	332	eP	pmx	20 16 08.1	+0.5
ZEZ	Zeya	89.83	332	eP	pmx	20 16 07.5	-0.1
GLB	comp=Z,32nm,1.0s	89.85	16	P	P	20 16 09.7	+1.0
GLB	Gilshina Butte	89.85	16	P	P	20 16 08.0	+0.0
CHTO	comp=Z,16nm,1.1s	89.90	17	P	I	20 16 09.2	
BALM	Baldy	89.90	17	P	I	20 16 09.4	+1.2
MCARA	comp=Z,14nm,1.0s	90.01	17	P	I	20 16 10.4	
MCARA	McCarrhy VSAT	90.01	17	P	I	20 16 08.7	+0.1
LLBL	comp=Z,14nm,1.0s	90.03	33	P	P	20 16 10.2	+1.0
LLBL	Lillooet	90.03	33	P	P	20 16 10.1	+1.0
Y22D	comp=Z,14nm,1.0s	90.03	52	P	P	20 16 10.1	+1.0
Y22D	IRIS PASSCAL I	90.03	52	P	P	20 16 10.1	+1.0
Y22D	baz=241						
MINX	comp=Z,14nm,1.0s	90.03	55	P	P	20 16 10.1	+1.0
MINX	Cornudas Mount	90.03	55	P	P	20 16 10.1	+1.0

MINX	baz=242	90.03	55	P	I	20 16 10.0	+0.9
MINX	Cornudas Mount	90.03	55	P	I	20 16 11.5	
KTH	comp=Z,21nm,1.1s	90.08	12	P	P	20 16 07.4	-1.2
BARN	Kenticha Hill	90.10	17	P	I	20 16 09.2	+0.3
BARN	Barnard Glacie	90.10	17	P	I	20 16 11.1	
CTGM	comp=Z,12nm,1.0s	90.11	18	P	P	20 16 07.6	-1.3
CTGM	Thorofare Ann	90.11	18	P	I	20 16 09.0	
TX31	comp=Z,15nm,1.2s	90.24	58	P	P	20 16 11.1	+0.9
TX32	Lajitas Arr. S1	90.24	58	P	P	20 16 10.8	+0.6
TX32	SS	90.24	58	P	I	20 16 12.9	
TXAR	comp=Z,22nm,0.9s	90.24	58	P	P	20 16 11.6	+1.4
TXAR	Lajitas Arr.	90.24	58	P	I	20 18 03.5	-0.1
TXAR	comp=Z,13nm,0.8s	90.24	58	P	P	20 19 59.0	+5.3
TXAR	comp=Z,1.5nm,0.9s	90.24	58	P	P	20 33 37.4	+0.5
TXAR	comp=Z,0.8nm,0.8s	90.24	58	P	P	20 16 10.0	+0.8
TXAR	Lajitas Array	90.24	58	P	P	20 18 05.0	+1.5
TXAR	RMD	90.37	13	P	P	20 16 08.1	+1.1
TXAR	MVCO	90.45	49	P	P	20 16 11.8	+0.6
MVCO	Mesa Verde	90.45	49	P	P	20 16 11.3	+0.1
PV05	Paradox Valle	90.47	48	P	I	20 16 12.4	+1.1
PV05	SS	90.47	48	P	I	20 16 13.5	
HHC	comp=Z,9.9nm,1.0s	90.59	315	P	pmx	20 16 12.8	+1.2
HHC	Hu-ho-hao-te	90.59	315	P	pmx	20 16 12.8	+1.2
HHC	HHC	90.59	315	P	pmx	20 16 12.8	+1.2
PV09	comp=Z,43nm,5.7s	90.66	48	P	P	20 16 12.8	+0.6
PV09	Paradox Valle	90.66	48	P	I	20 16 11.9	-0.1
HWUT	Hardware Ranch	90.66	44	P	I	20 16 13.5	
PV19	comp=Z,10.0nm,0.8s	90.67	48	P	P	20 16 11.4	-0.8
PV17	Morning Glory	90.67	48	P	P	20 16 12.7	+0.0
PV17	East Wray Mesa	90.67	48	P	I	20 16 12.6	+0.4
PV14	comp=Z,8.2nm,0.7s	90.67	48	P	I	20 16 13.8	
PV14	Lion Creek, Pa	90.67	48	P	I	20 16 12.4	+0.2
PV18	comp=Z,11nm,0.9s	90.69	48	P	I	20 16 13.9	
PV18	Skein Mesa, Pa	90.69	48	P	I	20 16 12.2	-0.1
PV18	PV18	90.69	48	P	I	20 16 12.3	0.0
PV20	comp=Z,11nm,1.1s	90.70	48	P	P	20 16 12.5	+0.2
PV13	West Nyswonger	90.70	48	P	P	20 16 11.9	-0.6
PV16	Radium Mtn., P	90.71	48	P	P	20 16 14.2	
PV23	Nyswonger Mesa	90.72	48	P	I	20 16 12.2	-0.2
PV23	Carpenter Ridg	90.72	48	P	I	20 16 12.8	+0.3
PV03	comp=Z,9.0nm,0.8s	90.73	48	P	P	20 16 12.9	+0.4
PV04	Paradox Valle	90.74	48	P	P	20 16 12.9	+0.3
PV11	David Mesa, Pa	90.76	48	P	P	20 16 12.7	0.0
PV02	Paradox Valle	90.78	48	P	P	20 16 12.9	+0.2
ANMO	Albuquerque	90.78	52	P	P	20 16 12.9	+0.2
ANMO	comp=Z,12nm,1.1s	90.78	52	P	P	20 18 06.1	-0

23d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like FINES, DELIST, TELG, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CHVC, ASSE, KECS, etc.

1704

Table with columns for station name, frequency, power, and other technical details. Includes stations like BCLA, VTS, MOA, etc.

TAP 23 20:21:22.4, 24:75'N, 122:40'E, h15km, ML2.7 C
JMA 23 20:21:23.5, 24:62'N, 122:42'E, h33km, 3km, M2.0
ISC 23 20:21:22.5, 1.0, 24:74'N, 122:43'E, 0.02, h19km, 2km, n61, c053/98, 1D, Taiwan region

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like EOS1, TWB1, etc.

1705

TWY	Chenhua	0.93 306	eP	Pb	20 21 40.0 +0.1
TWY	baz=305		eS	Sg	20 21 52.6 -0.2
ANP	Anpu	0.94 299	eP	Pg	20 21 41.1 +0.2
NACB	Ninganchiao	0.94 234	eP	Pb	20 21 39.3 -0.9
NACB	baz=231		eS	Sn	20 21 53.8 +0.2
YHNB	Yeheng	0.96 266	eP	Pb	20 21 40.4 -0.1
YHNB	baz=270		eS	Sb	20 21 52.4 -0.5
NSK	Sanguang	0.98 267	eP	Pb	20 21 40.4 -0.4
NSK	baz=265		eS	Sb	20 21 53.5 +0.2
NNSB	Datong	1.00 252	eP	Pb	20 21 40.2 -1.1
NNSB	baz=250		eS	Sb	20 21 54.5 +0.4
NNSH	Datong	1.00 252	eP	Pb	20 21 40.0 -1.2
NNSH	baz=251		eS	Sn	20 21 55.3 +0.1
TWD	Chiawan	1.00 230	eP	Pb	20 21 41.0 -0.2
NNS	Nan Shan	1.00 253	eP	Pb	20 21 40.5 -0.9
NNS	baz=251		eS	Sg	20 21 55.0 -0.3
ETLH	Xiulin Townshi	1.01 239	eP	Pb	20 21 40.5 -0.9
ETLH	baz=246		eS	Sn	20 21 55.3 -0.2
WHF	Hehuan Shan	1.21 241	eP	Pn	20 21 44.2 -0.6
WHF	baz=249		eS	Sb	20 22 01.0 +0.1
TWT	Tachien	1.24 247	eP	Pb	20 21 45.7 +0.4
TWT	baz=246		eS	Sg	20 22 03.0 +0.2
IRIF	Iriomote-Funau	1.25 108	P	Pn	20 21 44.4 -0.5
LIOB	Emei	1.29 266	eP	Pb	20 21 46.6 +0.4
LIOB	baz=265		eS	Sg	20 22 03.9 -0.5
NSTT	Nanjuang	1.30 266	eP	Pg	20 21 47.3 -0.4
NSTT	baz=264		eS	Sg	20 22 04.2 -0.6
CHGB	Renai	1.33 240	eP	Pb	20 21 47.1 +0.2
CHGB	baz=247		eS	Sb	20 22 04.5 +0.8
OWD	Renai	1.38 236	eP	Pb	20 21 47.8 0.0
OWD	baz=240		eS	Sb	20 22 05.9 +0.8
WHP	Taichung City	1.43 252	eP	Pg	20 21 49.4 -0.6
JKRS	Kuro-shima	1.52 109	P	Pn	20 21 48.8 +0.1
JKRS	baz=250		eS	Sn	20 22 07.5 -0.4
VWDT	VWDT	1.53 231	eP	Pb	20 21 50.5 +0.3
DPDB	Guoxing	1.54 243	eP	Pb	20 21 51.3 +0.9
HGSD	Ruisui	1.54 217	eP	Pn	20 21 49.0 +0.1
TWQ1	Liyutan	1.56 256	eP	Pn	20 21 49.0 -0.1
JIJ	Ishigaki jima	1.60 103	eS	Pb	20 22 09.2 -0.8
SSLB	Suanglung	1.64 235	eP	Sn	20 21 52.0 -0.2
TYC	Yuchr	1.66 240	eP	Pb	20 21 52.5 +0.1
YULB	Yu-ji	1.69 218	eP	Pn	20 21 50.8 -0.2
FULB	Fuli	1.85 214	eP	Pn	20 21 53.4 +0.2
ALS	Alishan	1.92 231	eP	Pb	20 21 57.2 +0.2
CHN5	Tsauling	1.96 235	eP	Pb	20 21 57.7 +0.1
ELDTW	Lidau	2.01 220	eP	Pn	20 21 56.2 +0.7
CHN4	Tsaushan	2.17 231	eP	Pb	20 22 00.3 -0.9
TPUB	Ta-pu	2.18 229	eP	Pn	20 21 58.9 +1.2
TWK	Hsinying	2.30 231	eP	Pb	20 22 03.2 -0.2
SLGT	Lugui	2.38 224	eP	Pn	20 22 02.3 +1.8

TAP 23 20:22:09.9, 24:75N, 122:37E, h13km, ML2.9, C
 JMA 23 20:22:10.2, 24:67N, 122:41E, h29km, ML2.3, C
 ISC 23 20:22:09.8, 1.1, 24:74N, 0.03, 122:42E, 0.02, h22km, 4km, n70, c0584/120, 1D, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
EOS1	EOS1	0.32 235	Op	Pb	20 22 16.6	-0.3
EOS1	baz=219		eS	Sb	20 22 21.8	+0.1
TWB1	Santiao Chiao	0.48 305	eP	Pb	20 22 19.1	-0.4
TWB1	baz=307		eS	Sb	20 22 25.1	-1.0
TWC	Suao	0.53 257	P	Pb	20 22 19.4	-1.2
TWC	baz=261		eS	Sb	20 22 26.9	-0.9
NTC	Toucheng	0.55 283	eP	Pb	20 22 21.1	+0.3
NTC	baz=282		eS	Sb	20 22 28.4	+0.2
JYNG	Yonangunijimaku	0.56 120	P	Pb	20 22 20.9	0.0
JYNG	baz=281		eS	Sb	20 22 28.1	-0.4
TIPB	Shuangxi	0.59 294	eP	Pb	20 22 21.4	-0.1
TIPB	baz=294		eS	Sb	20 22 29.7	+0.2
YOJ	Yonaguni jima	0.60 117	eP	Pb	20 22 21.7	-0.1
YOJ	baz=199		eS	Sb	20 22 30.4	+0.6
YOJ	Yonaguni jima	0.60 117	P	Pb	20 22 21.7	-0.1
YOJ	baz=109		eS	Sb	20 22 29.5	-0.4
ILA	Ilan	0.61 273	eP	Pn	20 22 22.7	-0.5
ILA	baz=271		eS	Sb	20 22 29.7	-0.4
NWF	Wu-fen Shan	0.67 300	eP	Pn	20 22 23.7	-0.4
NWF	baz=301		eS	Sn	20 22 33.4	-0.6
WFSB	Wu-fen Shan	0.67 300	eP	Pb	20 22 23.4	+0.5
WFSB	baz=301		eS	Sb	20 22 33.1	-0.8
TWE	Neicheng	0.68 269	P	Pb	20 22 22.5	-0.6
TWE	baz=260		eS	Sb	20 22 31.8	-0.4
ENA	Nanau	0.69 244	P	Pb	20 22 21.9	-1.2
ENA	baz=249		eS	Sb	20 22 32.1	-0.2
SLBB	Yuanshan	0.71 272	eP	Pb	20 22 23.4	-0.2
SLBB	baz=270		eS	Sb	20 22 33.4	+0.4
ENTT	Nioudou	0.78 263	eP	Pb	20 22 24.4	-0.4
ENTT	baz=261		eS	Sb	20 22 34.1	-0.8
TWA	Mucha	0.80 288	eP	Pn	20 22 25.4	-0.4
TWA	baz=287		eS	Sn	20 22 36.2	-0.8
NWLTL	Wulai	0.83 273	P	Pn	20 22 25.9	-0.4
NWLTL	baz=283		eS	Sb	20 22 36.5	0.0

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Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
NDT	Datong Townshi	0.83 261	eP	Pb	20 22 25.4	-0.2
NDT	baz=283		eS	Sn	20 22 36.7	-1.2
NHHD	Xindian Distri	0.84 286	eP	Pn	20 22 26.4	0.0
NHHD	baz=285		eS	Sn	20 22 37.7	-0.4
TAP1	Taipei	0.87 291	eP	Pn	20 22 26.8	+0.1
TAP1	baz=290		eS	Sb	20 22 38.9	+0.2
YM01	YM01	0.87 298	eP	Pb	20 22 26.5	+0.2
YM01	baz=298		eS	Sb	20 22 37.9	+0.3
YM08	YM08	0.88 301	P	Pb	20 22 26.6	+0.2
YM08	baz=298		eS	Sb	20 22 37.9	+0.3
TATO	Taipei	0.88 286	eP	Pb	20 22 25.2	-1.2
TATO	baz=285		eS	Sn	20 22 38.3	-0.7
YM11	YM11	0.88 299	eP	Pb	20 22 26.7	+0.3
YM11	baz=299		eS	Sb	20 22 37.9	+0.2
TAP	Taipei	0.88 290	eS	Sn	20 22 39.1	0.0
YM10	YM10	0.88 298	eP	Pb	20 22 26.5	0.0
YM10	baz=298		eS	Sb	20 22 38.1	+0.1
YM05	YM05	0.89 299	eP	Pn	20 22 27.3	+0.2
YM05	baz=299		eS	Pb	20 22 25.9	-0.9
YM04	YM04	0.90 298	eP	Pb	20 22 25.9	-0.9
YM04	baz=297		eS	Sb	20 22 38.7	+0.3
YM03	YM03	0.91 299	eP	Pn	20 22 27.7	+0.3
YM03	baz=299		eS	Pb	20 22 27.5	+0.1
TWY	Chenhua	0.92 306	eP	Pn	20 22 27.5	+0.1
TWY	baz=306		eS	Sn	20 22 39.9	-0.1
ANP	Anpu	0.93 299	eP	Pn	20 22 28.2	+0.5
ANP	baz=299		eS	Pb	20 22 28.2	+0.5
NACB	Ninganchiao	0.94 234	eP	Pb	20 22 26.5	-0.9
NACB	baz=230		eS	Sb	20 22 38.9	-0.5
YHNB	Yeheng	0.95 266	eP	Pb	20 22 27.3	0.4
YHNB	baz=265		eS	Sb	20 22 38.2	-1.7
NSK	Sanguang	0.97 267	eP	Pb	20 22 27.8	-0.1
NSK	baz=265		eS	Sb	20 22 38.9	-1.4
NNSH	Datong	0.99 252	eP	Pb	20 22 27.8	-0.5
NNSH	baz=250		eS	Sn	20 22 41.1	-0.8
NNSB	Datong	0.99 252	eP	Pb	20 22 27.7	-0.7
NNSB	baz=250		eS	Sn	20 22 40.1	-1.0
TWD	Chiawan	0.99 229	eP	Pn	20 22 29.1	+0.7
TWD	baz=234		eS	Sn	20 22 41.1	-0.8
NNS	Nan Shan	1.00 253	eP	Pb	20 22 27.9	-0.5
NNS	baz=251		eS	Sb	20 22 41.0	-0.2
ETLH	Xiulin Townshi	1.00 239	eP	Pb	20 22 28.1	-0.5
ETLH	baz=245		eS	Sn	20 22 41.1	-1.1
WHF	Hehuan Shan	1.21 241	eP	Pb	20 22 31.8	-0.4
WHF	baz=249		eS	Sn	20 22 47.8	+0.1
TWT	Tachien	1.23 247	eP	Pb	20 22 33.3	+0.8
TWT	baz=245		eS	Sn	20 22 51.0	+3.0
IRIF	Iriomote-Funau	1.26 108	P	Pn	20 22 31.6	-0.5
IRIF	baz=245		eS	Pb	20 22 47.8	-0.6
LIOB	Emei	1.28 266	eP	Pb	20 22 33.6	+0.4
LIOB	baz=265		eS	Sb	20 22 50.8	+1.6
NSTT	Nanjuang	1.29 266	eP	Pb	20 22 34.5	+1.0
NSTT	baz=264		eS	Sb	20 22 51.4	+1.7
SBCB	Hsinchu	1.30 273	eP	Pn	20 22 33.0	+0.3
SBCB	baz=272		eS	Sb	20 22 50.7	+0.8
CHGB	Renai	1.32 240	eP	Pb	20 22 34.2	+0.2
CHGB	baz=247		eS	Sb	20 22 50.6	0.0
OWD	Renai	1.38 236	eP	Pb	20 22 35.0	+0.1
OWD	baz=239		eS	Sb	20 22 53.7	+1.6
WHP	Taichung City	1.42 252	eP	Pb	20 22 36.1	+0.5
WHP	baz=249		eS	Sn	20 22 55.5	+2.2
HATJ	Hateruma jima	1.43 118	P	Pn	20 22 34.8	+0.3
VWDT	VWDT	1.52 230	eP	Pb	20 22 37.4	+0.1
DPDB	Guoxing	1.53 243	eP	Pb	20 22 38.3	+0.8
DPDB	baz=248		eS	Sb	20 22 58.5	+2.0
JKRS	Kuro-shima	1.53 109	P	Pn	20 22 35.9	0.0
JKRS	baz=250		eS	Sn	20 22 54.6	-0.5
HGSD	Ruisui	1.54 217	eP	Pb	20 22 36.5	-1.1
HGSD	baz=199		eS	Sb	20 22 57.4	+0.8
TWQ1	Liyutan	1.55 256	eP	Pb	20 22 39.6	+1.8
TWQ1	baz=254		eS	Sb	20 22 59.6	+2.6
EHY	Hungye	1.58 220	eP	Pn	20 22 36.5	-0.1
JIJ	Ishigaki jima	1.61 103	P	Pn	20 22 37.9	+0.9
JIJ	baz=211		eS	Sn	20 22 57.9	+0.8
SSLB	Suanglung	1.64 235	eP	Pb	20 22 39.7	+0.3
SSLB	baz=238		eS	Sb	20 23 01.3	+1.7
TYC	Yuchr	1.65 240	eP	Pb	20 22 39.1	-0.4
YULB	Yu-ji	1.69 218	eP	Pn	20 22 38.0	-0.1
TWF1	Yuli	1.72 217	eP	Pn	20 22 38.5	0.0
TWF1	baz=202					

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ASAJ, JKA, HHC, H112, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like LSA, YAK, H112, KULM, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SVE, ABKAR, ARU, ARU, etc.

Table with columns: STK, PHL, GLO, GLI, HIN, FID, PPLA, TTD, SCM, WAT1, WAT2, RAGM, GOAT, TRF, RND, DHY, DHD, BERG, GRIN, GLB, CLM, CRQM, WAX, WAX, KULT, TGL, KIAG, RKAV, EC03. Includes station names, coordinates, and various parameters.

Table with columns: RAMN, JIRN, GUN, PKI, PKIN, DMN, GKN, KOLN, DANN, MKAR, ILAR, ZALV, KURBB, BVAR, YKA. Includes station names, coordinates, and various parameters.

Table with columns: JANB, RCBR, TEIG, TEIG, DBIC, DBIC, ULM, ULM, NVAR, NVAR, TORD, YKA, YKA, ASAR, MKAR, MKAR, MKAR. Includes station names, coordinates, and various parameters.

IDC 24 00:04:59.7 1.4, 20.95S; 68.74W, h120km, 17km, mb3.4/2, mb1 3.4/4, mb1mx3.2/29, mbtmp3.74, Error ellipse: s-maj=5.0km s-min=15.9km az=107.0

NEIC 24 00:24:45.0 1.9, 20.01S; 0.03; 69.16W, 0.06, h107km, 3km, mb4.0/6, ML4.2(GUC), Error ellipse: s-maj=8.9km

IDC 24 00:26:27.4 1.6, 7.27S; 154.54E, h0km, mb4.0/8, mb1 4.1/9, mb1mx3.8/51, mbtmp4.0/9, ML4.1/1, Error ellipse: s-maj=46.1km s-min=25.2km az=118.0

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their parameters.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their parameters.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their parameters.

IDC 24 00:16:55.2 1.6, 7.53S; 154.69E, h0km, mb4.0/12, mb1 3.8/3, mb1mx3.9/33, mbtmp4.0/13, ML4.5/1, MS2.8/2, Ms1 2.8/2, ms1mx2.4/34, Error ellipse: s-maj=44.8km s-min=23.6km az=119.0

IDC 24 00:16:59.1 0.7, 11.5S; 0.01; 154.6E; 0.2, h27km, n24, 0555/25, mb3.9/12, Bougainville-Solomon Islands region

IDC 24 02:02:03.7 1.3, 5.83S; 126.71E, h489km, 24km, mb2.7/1, mb1 3.3/6, mb1mx2.9/36, mbtmp4.0/6, Error ellipse: s-maj=25.7km s-min=17.6km az=81.0, Banda Sea

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their parameters.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their parameters.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their parameters.

MOS 24 02:17:25.4 0.9, 10.80S; 165.66E, h22km, mb5.1/33, Error ellipse: s-maj=9.6km s-min=8.2km az=34.3

24d 2h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, and various station identifiers. Includes stations like HNR Honiara, DZM Mont Dzumac, and many others.

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Table with columns: TOO, Time, Res, ISC, and various station identifiers. Includes stations like TOO Toolangi, KDU Kakadu, FOZ Fox Glacier, and many others.

1714

Table with columns: LEM, Time, Res, ISC, and various station identifiers. Includes stations like LEM Lembang, ASAJ Asahikawa, KRSR Korea Array, and many others.

1715

Table with columns: CNAME, Location, Time, P, P, Time, D, D, CNAME, Location, Time, P, P, Time, D, D. Includes entries like Chiang Mai Arr, Chiang Mai, Chengdu, Lanzhou, etc.

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Table with columns: CNAME, Location, Time, P, P, Time, D, D, CNAME, Location, Time, P, P, Time, D, D. Includes entries like Paynes Creek, Forest Hills D, Haines Junction, etc.

24d 2h

Table with columns: CNAME, Location, Time, P, P, Time, D, D, CNAME, Location, Time, P, P, Time, D, D. Includes entries like Tucson, Tucson, Tucson, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other details. Includes stations like M56A Emporium, D55A Sainte-Anne-du, and various other frequencies.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and various other frequencies.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other details. Includes stations like PGB Panagyurishte, STON Ston, and various other frequencies.

NEIC 24 02:29:56.6; 1.0, 11.700S; 0.07; 162E; 4E; 0.1, h10km, 2km, mb4.4/6, Error ellipse: s-maj=25.0km s-min=10.4km az=71.0

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

IDD 24 02:54:49.9.1.3, 35.79N; 140.43E, h0km, mb3.7/4, mb1.4/1.6, mb1mx3.6/5.4, mbtmp4.1/6, ML4.8/2, Error ellipse: s-maj=34.2km s-min=19.1km az=76.0

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

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

BGR 24 03:10:08.0.0.49:08N; 128:51W, h33km, mb6.8, mB, BB7.0, Ms6.6

IDD 24 03:10:10.0.0.49:74N; 127:55W, h0km, mb5.3/5.1, Ms6.4/6.1, Ms1.6/4.5, ms1mx6.4/5.9, Error ellipse: s-maj=9.6km s-min=5.5km az=53.0

MOS 24 03:10:10.6.0.9.49:68N; 127:60W, h12km, mb6.4/6.3, Ms6.5/6.6, Error ellipse: s-maj=8.0km s-min=3.8km az=100.7

BUI 24 03:10:10.4.0.0.49:84N; 127:44W, h10km, mb6.4/7.1, mb5.7/7.3, Ms6.8/8.9, Ms7.6/6.7

PGC 24 03:10:10.2.0.9.49:64N; 127:73W, h10km, ML5.9/33, ML6.0/33, Ms6.5, 1.17km west of Gold R., B Vancouver Island, Canada Region

NEIC 24 03:10:11.3.49:85N; 127:46W, h15km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=0.21; Mw=3.95; Ms=1.46; Mo=0.38; Ms4=1.0; Mr=1.46; Fault plane solution: Ms5.970000; 10^18 Np1: 0.247, 87.000000; 0.75, 56.000000; 1.030000. NP2: 0.157, 61.000000; 0.89, 000000; 1.165, 56.000000. Principal axes: T: 6.1074, Plg1, 0.100000; Azm112.000000; N: -0.2932, Plg76.000000; Azm334.000000; P: -5.8142, Plg9.000000; Azm204.000000

NEIC 24 03:10:11.5.0.7.49:74N; 0.03:127:53W; 0.03, h11km, 2km Error ellipse: s-maj=4.8km s-min=2.5km az=199.0

GCMT 24 03:10:18.1.0.0.49:65N; 127:59W, h17km, Mw6.6/175, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=0.1; Mw=4.79; Ms=7.9; Ms4=2.53; Ms5=2.3; Ms6=2.3; Ms7=2.3; Ms8=2.3; Ms9=2.3; Ms10=2.3; Ms11=2.3; Ms12=2.3; Ms13=2.3; Ms14=2.3; Ms15=2.3; Ms16=2.3; Ms17=2.3; Ms18=2.3; Ms19=2.3; Ms20=2.3; Ms21=2.3; Ms22=2.3; Ms23=2.3; Ms24=2.3; Ms25=2.3; Ms26=2.3; Ms27=2.3; Ms28=2.3; Ms29=2.3; Ms30=2.3; Ms31=2.3; Ms32=2.3; Ms33=2.3; Ms34=2.3; Ms35=2.3; Ms36=2.3; Ms37=2.3; Ms38=2.3; Ms39=2.3; Ms40=2.3; Ms41=2.3; Ms42=2.3; Ms43=2.3; Ms44=2.3; Ms45=2.3; Ms46=2.3; Ms47=2.3; Ms48=2.3; Ms49=2.3; Ms50=2.3; Ms51=2.3; Ms52=2.3; Ms53=2.3; Ms54=2.3; Ms55=2.3; Ms56=2.3; Ms57=2.3; Ms58=2.3; Ms59=2.3; Ms60=2.3; Ms61=2.3; Ms62=2.3; Ms63=2.3; Ms64=2.3; Ms65=2.3; Ms66=2.3; Ms67=2.3; Ms68=2.3; Ms69=2.3; Ms70=2.3; Ms71=2.3; Ms72=2.3; Ms73=2.3; Ms74=2.3; Ms75=2.3; Ms76=2.3; Ms77=2.3; Ms78=2.3; Ms79=2.3; Ms80=2.3; Ms81=2.3; Ms82=2.3; Ms83=2.3; Ms84=2.3; Ms85=2.3; Ms86=2.3; Ms87=2.3; Ms88=2.3; Ms89=2.3; Ms90=2.3; Ms91=2.3; Ms92=2.3; Ms93=2.3; Ms94=2.3; Ms95=2.3; Ms96=2.3; Ms97=2.3; Ms98=2.3; Ms99=2.3; Ms100=2.3

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

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

BGR 24 03:10:08.0.0.49:08N; 128:51W, h33km, mb6.8, mB, BB7.0, Ms6.6

IDD 24 03:10:10.0.0.49:74N; 127:55W, h0km, mb5.3/5.1, Ms6.4/6.1, Ms1.6/4.5, ms1mx6.4/5.9, Error ellipse: s-maj=9.6km s-min=5.5km az=53.0

MOS 24 03:10:10.6.0.9.49:68N; 127:60W, h12km, mb6.4/6.3, Ms6.5/6.6, Error ellipse: s-maj=8.0km s-min=3.8km az=100.7

BUI 24 03:10:10.4.0.0.49:84N; 127:44W, h10km, mb6.4/7.1, mb5.7/7.3, Ms6.8/8.9, Ms7.6/6.7

PGC 24 03:10:10.2.0.9.49:64N; 127:73W, h10km, ML5.9/33, ML6.0/33, Ms6.5, 1.17km west of Gold R., B Vancouver Island, Canada Region

NEIC 24 03:10:11.3.49:85N; 127:46W, h15km, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=0.21; Mw=3.95; Ms=1.46; Mo=0.38; Ms4=1.0; Mr=1.46; Fault plane solution: Ms5.970000; 10^18 Np1: 0.247, 87.000000; 0.75, 56.000000; 1.030000. NP2: 0.157, 61.000000; 0.89, 000000; 1.165, 56.000000. Principal axes: T: 6.1074, Plg1, 0.100000; Azm112.000000; N: -0.2932, Plg76.000000; Azm334.000000; P: -5.8142, Plg9.000000; Azm204.000000

NEIC 24 03:10:11.5.0.7.49:74N; 0.03:127:53W; 0.03, h11km, 2km Error ellipse: s-maj=4.8km s-min=2.5km az=199.0

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

24d 3h

Table with columns: ID, Name, Location, Time, Status, and other details. Includes entries like K04D Chiloquin, OR, 8.13 148 P, Pn, 03 12 11.7+1.8, etc.

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Table with columns: ID, Name, Location, Time, Status, and other details. Includes entries like PV21 Cone Mtn., Par, 17.35 123 Iamb, Iamb, 03 14 28.8, etc.

1718

Table with columns: ID, Name, Location, Time, Status, and other details. Includes entries like COLD Coldfoot, 20.98 325 IAMs_20, IAMs_20, 03 21 26.1, etc.

TXAR	comp-Z,228um,18.8s,baz=0.0,slow=38	LR	LR	03 27 39.7	
TXAR	Lajitas Array	27.26 129	P	P	03 15 55.8 -0.3
S39A	Bolivar	27.32 103	IAMs_20	IAMs_20	03 27 06.2
U38A	Gravette	27.42 106	IAMs_20	IAMs_20	03 26 55.0
H43A	Windswept, Lux	27.42 85	IAMs_20	IAMs_20	03 27 24.9
R40A	Maddies Statio	27.63 101	Iamb	Iamb	03 16 16.0
R40A	comp-Z,189um,19.0s		IAMs_20	IAMs_20	03 26 34.6
Z35A	Perchaw	27.75 115	Iamb	Iamb	03 16 13.0
Z35A	comp-Z,428nm,1.1s		IAMs_20	IAMs_20	03 27 44.8
E44A	Grand Marais A	27.76 80	P	P	03 16 00.4 0.0
E44A	Grand Marais A	27.76 80	IAMs_20	IAMs_20	03 26 55.8
H44R	Hobbs	27.80 106	IAMs_20	IAMs_20	03 27 05.9
X37A	Clayton	28.02 110	IAMs_20	IAMs_20	03 28 12.7
HD1L	Hopedale	28.29 94	P	P	03 16 05.0 -0.3
HP1G	comp-Z,190nm,1.1s	28.30 135	Iamb	Iamb	03 16 21.9
HP1G	comp-Z,203um,19.0s		IAMs_20	IAMs_20	03 28 35.8
L44A	Lake County Fo	28.37 90	P	P	03 16 05.6 -0.3
F45A	CMU Biological	28.38 82	P	P	03 16 04.8 -1.1
JCT	Junction City	28.40 122	P	P	03 16 05.6 -0.7
JCT	Junction City	28.40 122	Iamb	Iamb	03 16 17.2
JCT	comp-Z,246um,18.0s		IAMs_20	IAMs_20	03 27 56.1
CCM	Cathedral Cave	28.42 100	P	P	03 16 05.5 -0.9
CCM	comp-Z,278nm,1.1s		MLR	MLR	
CCM	Cathedral Cave	28.42 100	P	P	03 16 06.0 -0.4
CCM	Cathedral Cave	28.42 100	P	P	03 16 05.5 -0.9
CCM	Cathedral Cave	28.42 100	IAMs_20	IAMs_20	03 29 24.5
U40A	Yelville	28.43 105	P	P	03 16 06.7 +0.2
U40A	Yelville	28.43 105	IAMs_20	IAMs_20	03 27 12.7
H45A	Beulah	28.47 84	P	P	03 16 06.4 -0.3
G45A	Suttons Bay	28.55 83	P	P	03 16 07.1 -0.4
G45A	Suttons Bay	28.55 83	IAMs_20	IAMs_20	03 26 26.8
W39A	Magazine	28.59 107	P	P	03 16 08.5 +0.6
W39A	Magazine	28.59 107	Iamb	Iamb	03 16 25.2
W39A	Magazine	28.59 107	IAMs_20	IAMs_20	03 27 34.2
WHTX	Lake Whitney	28.59 117	P	P	03 16 07.6 -0.4
WHTX	Lake Whitney	28.59 117	Iamb	Iamb	03 16 22.4
H45A	Fountain	28.60 85	P	P	03 16 08.0 0.0
RES	Resolute Bay	28.61 17	P	P	03 16 06.7 -1.0
RES	Resolute Bay	28.61 17	Iamb	Iamb	03 16 16.1
RES	Resolute Bay	28.61 17	IAMs_20	IAMs_20	03 27 58.2
M44A	Midewin, Midew	28.68 91	IAMs_20	IAMs_20	03 28 14.3
SLM	Saint Louis	28.73 98	IAMs_20	IAMs_20	03 27 20.8
J45A	Montagu	28.77 87	P	P	03 16 08.8 -0.7
D46A	Sault St. Mari	28.86 79	P	P	03 16 09.1 -1.1
LP1G	La Paz	28.89 146	P	P	03 16 12.1 +1.6
LP1G	comp-Z,107nm,1.1s,baz=28,slow=5.5,SNR=8.6		LR	LR	03 28 59.2
E46A	Sault Ste Mari	28.89 80	Iamb	Iamb	03 16 21.2
G46A	Petok	28.95 82	P	P	03 16 10.6 -0.4
FVM	French Village	28.99 99	Iamb	Iamb	03 16 18.4
O44A	Mansfield	29.04 94	Iamb	Iamb	03 16 26.9
H46A	Fife Lake	29.05 84	P	P	03 16 11.2 -0.7
ATKA	Atka Island	29.06 293	Iamb	Iamb	03 16 21.3
MIAR	Mount Ida	29.15 108	P	P	03 16 13.5 +0.6
MIAR	Mount Ida	29.15 108	Iamb	Iamb	03 16 31.2
MIAR	comp-Z,234nm,1.1s		IAMs_20	IAMs_20	03 28 34.7
Z38A	comp-Z,154um,19.0s		IAMs_20	IAMs_20	03 28 54.7
FCAR	Ozark Folk Cen	29.18 105	P	P	03 16 12.4 -0.8
FCAR	comp-Z,212um,18.0s		IAMs_20	IAMs_20	03 28 58.6
GLMI	Graying	29.31 83	P	P	03 16 14.2 0.0
GLMI	Graying	29.31 83	Iamb	Iamb	03 16 28.1
GLMI	comp-Z,396nm,0.9s		IAMs_20	IAMs_20	03 27 14.9
Q44A	Meyer Farm, Va	29.37 97	Iamb	Iamb	03 16 27.5
D47A	Chapleau	29.39 78	P	P	03 16 14.2 -0.8
435B	Jarrell	29.41 119	P	P	03 16 15.3 0.0
WHAR	Woolly Hollow	29.46 106	Iamb	Iamb	03 16 28.1
WHAR	comp-Z,503nm,1.2s		IAMs_20	IAMs_20	03 28 07.0
L46A	Eue Claire	29.50 89	P	P	03 16 15.6 -0.3
L46A	Eue Claire	29.50 89	Iamb	Iamb	03 16 35.1
E47A	Iron Bridge	29.51 79	P	P	03 16 15.2 -0.8
K46A	Dorr	29.51 87	P	P	03 16 15.7 -0.3
237A	Washetta, Mont	29.55 115	Iamb	Iamb	03 16 31.8
237A	comp-Z,400nm,1.1s		IAMs_20	IAMs_20	03 29 45.5
W41B	Gary May, V	29.56 106	P	P	03 16 16.4 -0.1
X40A	Basin Creek Fa	29.64 108	P	P	03 16 17.1 -0.1
X40A	Basin Creek Fa	29.64 108	IAMs_20	IAMs_20	03 29 12.0
G47A	Hillman	29.65 82	P	P	03 16 16.5 -0.7
H47A	Mio	29.67 83	P	P	03 16 17.0 -0.4
LCAR	Lake Charles	29.68 103	IAMs_20	IAMs_20	03 28 29.8
PBMO	Poplar Bluff	29.70 101	Iamb	Iamb	03 16 31.7
PBMO	comp-Z,285nm,1.1s		IAMs_20	IAMs_20	03 27 49.5

I47A	Gladwin	29.73 84	P	P	03 16 17.9 0.0
I47A	Gladwin	29.73 84	IAMs_20	IAMs_20	03 27 15.0
UALR	University of	29.76 107	Iamb	Iamb	03 16 37.2
UALR	comp-Z,176nm,1.1s		IAMs_20	IAMs_20	03 28 18.1
SFIN	Lafayette	29.81 92	P	P	03 16 18.8 +0.1
SFIN	Lafayette	29.81 92	Iamb	Iamb	03 16 38.3
J47A	Sumner	29.88 86	P	P	03 16 19.6 +0.4
WLAR	White Oak Lake	30.01 109	IAMs_20	IAMs_20	03 29 42.7
K47A	Vermonte	30.03 87	P	P	03 16 19.5 -1.1
P46A	Rosedale	30.15 94	Iamb	Iamb	03 16 35.3
D48A	Paudash Townsh	30.17 77	P	P	03 16 20.7 -1.2
H48A	Sherman Twp	30.17 83	P	P	03 16 21.8 0.0
F48A	Evansville	30.18 80	P	P	03 16 21.5 -0.4
H48A	Harrisville	30.19 82	P	P	03 16 21.6 -0.4
H48A	Harrisville	30.19 82	IAMs_20	IAMs_20	03 27 42.3
E48A	Lockyer	30.21 78	P	P	03 16 21.4 -0.8
M47A	Cromwell	30.27 90	P	P	03 16 22.4 -0.3
833A	Chaparral WMA,	30.30 124	P	P	03 16 23.6 +0.5
HENM	Henderson Moun	30.35 101	P	P	03 16 22.8 -0.7
PVMO	Portageville	30.39 101	IAMs_20	IAMs_20	03 27 25.7
NATX	Nacogdoches	30.41 114	P	P	03 16 25.1 +1.0
NATX	Nacogdoches	30.41 114	Iamb	Iamb	03 16 42.0
NATX	comp-Z,149um,19.0s		IAMs_20	IAMs_20	03 30 27.9
PENMO	Penman	30.42 101	P	P	03 16 23.3 -0.7
PENMO	comp-Z,145um,18.0s		IAMs_20	IAMs_20	03 28 11.3
N47A	Urbana	30.46 91	Iamb	Iamb	03 16 42.0
GNAR	Gosnell	30.47 102	Iamb	Iamb	03 16 39.0
PEBM	Pemiscott Bayo	30.47 102	Iamb	Iamb	03 16 33.0
PEBM	comp-Z,194um,18.0s		IAMs_20	IAMs_20	03 29 43.8
Z41A	Richland Creek	30.49 109	P	P	03 16 25.3 +0.6
LPAR	Lepanto	30.51 103	Iamb	Iamb	03 16 43.3
J48A	Bridge Port	30.52 85	P	P	03 16 24.6 -0.4
J48A	Bridge Port	30.52 85	IAMs_20	IAMs_20	03 28 05.0
K48A	Perry	30.54 86	P	P	03 16 24.7 -0.4
F49A	Sandfield	30.57 80	P	P	03 16 24.6 -0.8
ADK	Adak	30.63 293	P	P	03 16 25.7 -0.1
ADK	comp-Z,309nm,1.0s		MLR	MLR	
ADK	Adak	30.63 293	P	P	03 16 25.7 -0.1
ADK	comp-Z,309nm,0.9s		Iamb	Iamb	03 16 42.6
CCAR	Cane Creek	30.68 107	IAMs_20	IAMs_20	03 28 58.5
LNXT	Lenox	30.72 102	IAMs_20	IAMs_20	03 28 30.3
GLAT	Glenn	30.74 101	IAMs_20	IAMs_20	03 28 31.0
735A	Kenedy	30.75 121	IAMs_20	IAMs_20	03 29 32.4
L48A	N Adams	30.75 88	P	P	03 16 26.6 -0.4
M48A	Edgerton	30.79 89	P	P	03 16 27.3 0.0
BLO	Bloomington	30.84 94	Iamb	Iamb	03 16 36.1
X43A	Marvell	30.84 105	P	P	03 16 28.5 +0.7
I49A	Point Hope	30.85 83	P	P	03 16 27.8 0.0
I49A	Point Hope	30.85 83	IAMs_20	IAMs_20	03 28 02.7
N48A	Decatur	30.91 90	P	P	03 16 27.7 -0.7
J49A	Mariette	30.91 84	P	P	03 16 28.0 -0.4
HALT	Halls	30.93 102	IAMs_20	IAMs_20	03 28 36.9
HDBT	Hernando, Brige	30.95 104	IAMs_20	IAMs_20	03 29 18.5
K49A	Clarkson	30.98 86	P	P	03 16 28.9 -0.1
HKT	Hockley	31.04 117	P	P	03 16 29.1 -0.4
HKT	comp-Z,111nm,1.2s		MLR	MLR	
HKT	Hockley	31.04 117	P	P	03 16 29.1 -0.4
MET	Memphrns-Engin	31.05 104	IAMs_20	IAMs_20	03 29 21.1
O48A	Farmland	31.14 91	P	P	03 16 30.1 -0.4
M49A	Libby Center	31.28 88	P	P	03 16 30.9 -0.7
P48A	Milroy	31.39 93	P	P	03 16 31.9 -0.7
D50A	G1974 Best Tow	31.42 76	P	P	03 16 31.6 -1.2
N49A	Columbus Grove	31.42 89	P	P	03 16 31.8 -1.1
N49A	Columbus Grove	31.42 89	Iamb	Iamb	03 16 45.8
Q48A	North Vernon	31.48 94	P	P	03 16 33.1 -0.3
W45A	Hickory Valley	31.50 103	IAMs_20	IAMs_20	03 30 03.0
WCI	Wyandotte Cave	31.51 95	P	P	03 16 32.8 -0.9
WCI	comp-Z,244nm,1.1s		MLR	MLR	
WCI	Wyandotte Cave	31.51 95	P	P	03 16 33.2 -0.5
WCI	Wyandotte Cave	31.51 95	P	P	03 16 32.8 -0.9
WCI	comp-Z,244nm,1.1s		Iamb	Iamb	03 16 42.5
K50A	Casco	31.52 85	P	P	03 16 33.3 -0.4
K50A	Casco	31.52 85	IAMs_20	IAMs_20	03 28 20.4
O49A	Coitong	31.71 91	P	P	03 16 34.7 -0.7
T47A	Sharon Grove	31.71 98	Iamb	Iamb	03 16 53.5
KVTX	Kingsport	31.72 123	IAMs_20	IAMs_20	03 28 48.3
143A	Socs Landing,	31.72 109	IAMs_20	IAMs_20	03 30 48.2
D51A	Lot 18 Range I	31.74 76	P	P	03 16 34.8 -0.9
L50A	Kingsville	31.75 86	P	P	03 16 35.8 0.0
WVT	Waverly	31.76 100	P	P	03 16 35.2 -0.7
WVT	comp-Z,451nm,1.1s		MLR	MLR	
WVT	Waverly	31.76 100	P	P	03 16 35.8 -0.2
WVT	Waverly	31.76 100	P	P	03 16 35.2 -0.7
WVT	Waverly	31.76 100	IAMs_20	IAMs_20	03 27 48.9
OXF	Oxford	31.77 104	P	P	03 16 36.6 +0.5

OXF	Oxford	31.77 104	IAMs_20	IAMs_20	03 30 30.2
P49A	Miami Univ. Ec	31.81 92	P	P	03 16 35.6 -0.7
MAT0	Matagami	31.86 70	P	P	03 16 36.2 -0.5
F51A	Arnstein	31.86 78	P	P	03

FRB	Frobisher Bay	34.00	43	P	P	03 16 55.6	+0.5
FRB	comp-Z, 123nm, 1.2s, baz=277, slow=12, SNR=7.2						
FRB	LR			Lg	Lg	03 27 43.5	
FRB	comp-Z, 124um, 19.6s, baz=272, slow=38					03 31 26.5	
P53A	Whipple	34.00	89	P	P	03 16 54.6	-0.8
P53A	Whipple	34.00	89	IAMB	IAMB	03 17 08.8	
I55A	Frankford	34.03	80	P	P	03 16 54.8	-0.9
PLVO	Plevna	34.05	78	IAMB	IAMB	03 17 06.5	
PLVO	comp-Z, 192nm, 1.1s			IAMS_20	IAMS_20	03 30 10.2	
M54A	Oil Creek Stat	34.06	85	P	P	03 16 55.5	-0.6
E55A	Montclair Lytto	34.08	75	P	P	03 16 54.8	-1.3
Y49A	Blount Mountain	34.09	102	IAMB	IAMB	03 17 06.1	
Y49A	comp-Z, 256nm, 1.1s			IAMS_20	IAMS_20	03 30 23.6	
N54A	Moraine State	34.13	86	P	P	03 16 56.1	-0.5
N54A	Moraine State	34.13	86	IAMB	IAMB	03 17 12.4	
545A	Edgard	34.14	111	IAMS_20	IAMS_20	03 30 10.4	
K54A	Basiliko Farm	34.14	83	P	P	03 16 56.1	-0.6
F55A	Otter Lake	34.16	76	P	P	03 16 56.2	-0.6
FPAL	Fort Paine	34.17	100	IAMS_20	IAMS_20	03 32 24.6	
G55A	Catlabogie	34.18	77	P	P	03 16 56.4	-0.6
V51A	Loudon	34.20	97	IAMB	IAMB	03 17 11.7	
H55A	Tweed	34.20	79	P	P	03 16 56.2	-0.9
D55A	Sainte-Anne-du	34.22	74	P	P	03 16 56.0	-1.3
Q53A	Leroy	34.25	91	P	P	03 16 56.9	-0.8
LRAL	Lakeview Retre	34.25	104	P	P	03 16 57.1	-0.6
LRAL	Lakeview Retre	34.25	104	IAMB	IAMB	03 17 12.4	
R53A	Hurricane	34.27	92	P	P	03 16 57.0	-0.8
R53A	Hurricane	34.27	92	P	P	03 16 56.8	-1.0
R53A	comp-Z, 218nm, 1.1s			IAMS_20	IAMS_20	03 30 25.3	
O54A	Avella	34.28	88	P	P	03 16 56.7	-1.2
O54A	Avella	34.28	88	P	P	03 16 56.9	-1.0
O54A	comp-Z, 295nm, 1.1s			IAMS_20	IAMS_20	03 30 22.6	
WVNY	West Valley, N	34.30	83	IAMB	IAMB	03 17 12.8	
J55A	Hilton	34.39	81	P	P	03 16 58.3	-0.5
K55A	Perry	34.48	82	P	P	03 16 58.4	-1.3
L55A	Hinsdale	34.51	83	P	P	03 16 59.0	-1.0
P54A	Burton	34.53	89	P	P	03 16 58.8	-1.2
S53A	Williamson	34.53	93	P	P	03 16 59.6	-0.5
PECO	Prince Edward	34.60	80	P	P	03 16 59.5	-1.1
PECO	comp-Z, 262nm, 1.1s			IAMS_20	IAMS_20	03 30 53.9	
Q54A	Coxs	34.63	90	P	P	03 17 00.1	-0.8
X51A	Calhoun	34.63	99	IAMB	IAMB	03 17 14.6	
D56A	ZEC Mazanza, M	34.65	74	P	P	03 17 00.1	-1.0
TKL	Tuckaleechee C	34.66	97	P	P	03 17 01.1	-0.1
TKL	comp-Z, 45nm, 1.3s, baz=27, slow=21, SNR=2.5			Lg	Lg	03 28 23.5	
TKL	comp-Z, 518um, 18.0s, baz=311, slow=37			LR	LR	03 31 40.4	
TKL	Tuckaleechee C	34.66	97	IAMB	IAMB	03 17 11.1	
V52A	Sevierville	34.66	97	P	P	03 17 00.4	-0.8
M55A	Ridgway	34.66	85	P	P	03 16 59.9	-1.3
M55A	Ridgway	34.66	85	P	P	03 16 59.9	-1.3
M55A	comp-Z, 229um, 18.0s			IAMS_20	IAMS_20	03 31 01.5	
T53A	Wise	34.67	94	P	P	03 17 01.2	-0.2
E56A	St. Veronique	34.69	75	P	P	03 17 00.0	-1.4
H56A	Elgin	34.77	78	P	P	03 17 01.5	-0.6
Z50A	Ashland	34.79	102	P	P	03 17 02.1	-0.3
Z50A	Ashland	34.79	102	IAMB	IAMB	03 17 15.4	
Z50A	comp-Z, 250nm, 1.1s			IAMS_20	IAMS_20	03 30 55.2	
ORIO	Orleans Innes	34.86	77	P	P	03 17 01.9	-0.9
ORIO	Orleans, Innes	34.86	77	IAMB	IAMB	03 17 10.9	
ORIO	comp-Z, 155nm, 1.1s			IAMS_20	IAMS_20	03 29 28.6	
N55A	Marion Center	34.87	86	P	P	03 17 02.1	-0.9
W52A	Murphy	34.90	98	IAMB	IAMB	03 17 18.0	
MCWV	Mont Chateau	34.91	88	P	P	03 17 02.5	-0.9
MCWV	Mont Chateau	34.91	88	IAMS_20	IAMS_20	03 30 42.1	
O55A	Ligonier	34.97	87	P	P	03 17 02.6	-1.3
K56A	Middlesex	34.98	82	P	P	03 17 03.0	-1.0
R54A	Victor	34.98	91	P	P	03 17 03.1	-0.9
S54A	Dingess, Beckl	34.99	92	P	P	03 17 03.6	-0.5
S54A	Dingess, Beckl	34.99	92	IAMB	IAMB	03 17 17.3	
J56A	Wolcott	35.00	81	P	P	03 17 03.9	-0.2
J56A	Wolcott	35.00	81	IAMB	IAMB	03 17 21.2	
J56A	comp-Z, 335nm, 1.1s			IAMS_20	IAMS_20	03 30 13.4	
P55A	Reedsville	35.00	88	P	P	03 17 03.3	-0.9
M56A	Emporium	35.03	84	P	P	03 17 03.1	-1.3
M56A	Emporium	35.03	84	IAMB	IAMB	03 17 19.9	
M56A	comp-Z, 276nm, 1.1s			IAMS_20	IAMS_20	03 32 50.3	
L56A	Greenwood	35.10	83	P	P	03 17 04.4	-0.6
Q55A	Buckham	35.12	89	P	P	03 17 04.7	-0.6
TULEG	Thule	35.15	20	IAMS_20	IAMS_20	03 31 35.1	
D57A	Chemin Vers le	35.21	73	P	P	03 17 04.5	-1.4
F57A	Harrington	35.22	75	P	P	03 17 04.7	-1.3
Z51A	Franklin	35.23	101	IAMS_20	IAMS_20	03 31 10.7	
T54A	Tazewell	35.24	93	P	P	03 17 05.8	-0.5
N56A	West Decatur	35.25	85	P	P	03 17 05.4	-1.0
E57A	Chemin Saint G	35.30	74	P	P	03 17 05.3	-1.4

G57A	Newington	35.34	77	P	P	03 17 06.1	-1.0
U54A	Nelsons Funny	35.40	94	P	P	03 17 07.2	-0.5
U54A	Nelsons Funny	35.40	94	IAMB	IAMB	03 17 09.2	
O56A	Blue Knob Stat	35.41	86	P	P	03 17 06.8	-1.0
I57A	Carthage	35.45	79	P	P	03 17 06.6	-1.3
BRAL	Brewton	35.47	106	P	P	03 17 08.7	+0.5
BRAL	Brewton	35.47	106	IAMB	IAMB	03 17 22.2	
BRAL	comp-Z, 144nm, 0.9s			IAMS_20	IAMS_20	03 32 22.2	
K57A	Scipio enter	35.48	81	P	P	03 17 07.3	-1.0
J57A	Williamstown	35.49	80	P	P	03 17 07.3	-1.0
J57A	Williamstown	35.49	80	IAMB	IAMB	03 17 18.6	
R55A	Marlinton	35.49	90	P	P	03 17 07.9	-0.6
S55A	Lewisburg	35.53	91	P	P	03 17 09.0	+0.2
Y52A	Librum	35.59	100	P	P	03 17 08.9	-0.4
L57A	Andrews Acres	35.63	83	P	P	03 17 08.2	-1.4
P56A	Dayn Farm, R	35.65	88	P	P	03 17 09.2	-0.5
SSPA	Standing Stone	35.66	85	P	P	03 17 08.8	-1.0
SSPA	Standing Stone	35.66	85	IAMB	IAMB	03 17 27.1	
SSPA	comp-Z, 177nm, 1.1s			IAMS_20	IAMS_20	03 31 06.0	
Q56A	Snyder Ridge	35.67	88	P	P	03 17 09.4	-0.6
Q56A	Snyder Ridge	35.67	88	IAMS_20	IAMS_20	03 31 07.4	
T55A	Pulaski	35.72	92	P	P	03 17 09.9	-0.5
LA7Q	La Tuque	35.74	72	P	P	03 17 09.0	-1.4
LA7Q	La Tuque	35.74	72	IAMS_20	IAMS_20	03 31 30.9	
F58A	St-Lin Laurent	35.74	75	P	P	03 17 08.9	-1.6
V54A	Nebo	35.76	95	P	P	03 17 10.7	-0.1
M57A	Sunshine Farm	35.79	84	P	P	03 17 09.6	-1.3
M57A	Sunshine Farm	35.79	84	IAMB	IAMB	03 17 26.3	
M57A	comp-Z, 226nm, 1.1s			IAMS_20	IAMS_20	03 30 57.3	
D58A	Chemin du Lac G	35.80	73	P	P	03 17 09.9	-1.1
N57A	Milroy	35.81	85	P	P	03 17 09.1	-2.0
LONY	Lake Ozonia	35.82	77	P	P	03 17 09.8	-1.4
LONY	Lake Ozonia	35.82	77	IAMS_20	IAMS_20	03 29 58.1	
E58A	La Victoria	35.86	74	P	P	03 17 10.4	-1.0
BLA	Blacksburg	35.91	92	P	P	03 17 12.5	+0.5
G58A	Ormslow	35.91	76	P	P	03 17 10.2	-1.7
U55A	TA2, Sparta	35.93	93	P	P	03 17 11.9	-0.2
152A	Waverly Hall	35.94	102	IAMS_20	IAMS_20	03 31 32.5	
J58A	Rensen	35.97	80	P	P	03 17 11.4	-1.0
J58A	Rensen	35.97	80	IAMB	IAMB	03 17 23.0	
I58A	Old Forge	36.01	79	P	P	03 17 11.4	-1.4
K58A	Earlville	36.02	81	P	P	03 17 11.6	-1.4
K58A	Earlville	36.02	81	IAMB	IAMB	03 17 27.9	
W54A	Cherokee Point	36.03	96	P	P	03 17 12.6	-0.4
O57A	Amberson	36.05	86	P	P	03 17 11.8	-1.3
BINY	Binghamton	36.09	82	IAMB	IAMB	03 17 12.5	-1.0
H58A	Gabriel	36.17	77	P	P	03 17 12.8	-1.4
Q57A	Strasburg	36.18	88	P	P	03 17 13.4	-0.9
S56A	Natural Edge	36.19	91	P	P	03 17 13.9	-0.5
P57A	Homestead Farm	36.19	87	P	P	03 17 13.8	-0.5
P57A	Homestead Farm	36.19	87	IAMB	IAMB	03 17 28.0	
V55A	Taylorsville	36.19	95	P	P	03 17 14.0	-0.5
V55A	Taylorsville	36.19	95	IAMB	IAMB	03 17 23.6	
V55A	comp-Z, 426nm, 1.1s			IAMS_20	IAMS_20	03 34 15.2	
M58A	Price's Panora	36.20	83	P	P	03 17 13.5	-1.0
X54A	Belton	36.24	97	P	P	03 17 14.5	-0.4
L58A	Harry Jones Me	36.25	82	P	P	03 17 14.2	-0.6
GOGA	Godfrey	36.26	100	P	P	03 17 14.3	-0.7
GOGA	Godfrey	36.26	100	IAMS_20	IAMS_20	03 33 57.0	
T56A	Rocky Mt	36.26	92	P	P	03 17 14.9	-0.1
E59A	St. Maurice	36.29	73	P	P	03 17 13.8	-1.3
N58A	Sunbury	36.31	84	P	P	03 17 14.4	-0.9
N58A	Sunbury	36.31	84	IAMB	IAMB	03 17 26.1	
FRNY	Flat Rock	36.35	76	P	P	03 17 14.6	-1.1
FRNY	Flat Rock	36.35	76	IAMB	IAMB	03 17 22.9	
NCB	Newcomb	36.35	78	IAMS_20	IAMS_20	03 31 29.2	
H59A	Cadyville	36.37	77	P	P	03 17 14.8	-1.0
F59A	Saint Guillaume	36.40	74	P	P	03 17 14.6	-1.4
J59A	Piesco	36.41	79	P	P	03 17 14.9	-1.4
J59A	Piesco	36.41	79	IAMB	IAMB	03 17 31.2	
PAUL	Pauline	36.43	96	IAMB	IAMB	03 17 26.5	
U56A	King	36.44	93	P	P	03 17 16.4	-0.1
D59A	Saint-Raymond	36.48	72	P	P	03 17 15.7	-1.1
H59A	Hodges	36.51	98	IAMB	IAMB	03 17 27.2	
R57A	Stanardsville	36.52	89	P	P	03 17 16.6	-0.5
K59A	Cooperstown	36.53	80	P	P	03 17 16.2	-1.0
S57A	Dark Hollow, R	36.54	90	P	P	03 17 16.9	-0.5
S57A	Dark Hollow, R	36.54	90	IAMB	IAMB	03 17 35.1	
KM5C	Kings Mountain	36.55	96	P	P	03 17 36.1	-1.2
KM5C	Kings Mountain	36.55	96	IAMB	IAMB	03 17 32.9	
KSPA	Keystone Colle	36.55	83	P	P	03 17 16.4	-1.0
KSPA	Keystone Colle	36.55	83	IAMB	IAMB	03 17 32.2	
O58A	Leuberry	36.55	85	P	P	03 17 16.2	-1.3

BILL	Bilibino	36.56	325d	P	P	03 17 18.6	-1.4
BILL	Bilibino					03 17 24.1	
BILL	Bilibino					03 18 39.7	
BILL	comp						

KNTN	Kanton	64.53	230	IAMS_20	IAMS_20	03 42 01.2			
MCLT	Moule a Chique	64.61	99	eP	P	03 20 46.8 -2.7			
CUSE	Cuicocha Este	64.64	123	eP	P	03 20 45.5 +1.3			
EDU	Dundee	64.65	30	eP	P	03 20 48.0 +0.3			
ODD1	Odda	64.67	24	eP	P	03 20 52.7 +3.4			
ODD1	Odda	64.67	24	eS	S	03 29 35.8 +6.7			
GARCZ	Garzon, Huila	64.70	119	eP	P	03 20 48.7 -1.7			
SVB	Belmont	64.74	99	eP	P	03 20 48.8 -1.6			
PGBU	Glienferbraes	64.75	31f	eP	P	03 20 49.6 -0.2			
PGBU						03 32 42.2			
				IAMS_20	IAMS_20	03 47 45.1			
SVCV	St. Vincent	64.81	99	eP	P	03 20 49.7 -1.1			
NB2	NORSAR Subarra	64.81	21	P	P	03 20 50.0 -0.2			
	comp=Z,175nm,1.4s,baz=330,slow=5								
NB2	NORSAR Subarra	64.81	21	P	P	03 20 50.0 -0.2			
	baz=330,slow=5								
NOA	NORSAR Array B	64.81	21	P	P	03 20 49.5 -0.7			
	comp=Z,177nm,1.0s,baz=331,slow=6.7,SNR=26								
NOA						03 47 04.3			
NOA						03 49 42.4			
	comp=Z,239m,20.8s,baz=335,slow=3.4								
	PKP2bc								
NB201	NORSAR Array S	64.82	21	IAMB	IAMB	03 21 01.6			
	comp=Z,2.1nm,1.1s,baz=140,slow=3.4,SNR=4.0								
NC45	NORSAR Array S	64.86	20	IAMB	IAMB	03 21 01.8			
	comp=Z,157nm,1.1s								
KMY	Karmoy	64.91	25	eP	P	03 20 53.3 +2.5			
PCRV	Puerto La Cruz	64.93	104	P	S	03 29 36.4 +4.6			
	comp=Z,14nm,1.0s,baz=68,slow=8.0,SNR=4.7								
H07S1	FLORES T-PHASE	64.94	58	eP	P	03 20 48.5 -2.9			
PTGC	Puerto Gaitan,	65.02	115	eP	P	03 20 50.3 -1.9			
BL5S	Blasjo	65.05	24	eP	P	03 20 53.9 +2.1			
BL5S				eS	S	03 29 37.1 +3.5			
BL5S				eS	S	03 33 46.4 +1.9			
				IVMs_BB	IVMs_BB	03 50 09.7			
NC602	NORSAR Array S	65.16	21	eP	P	03 20 54.3 +1.9			
NC602				eS	S	03 29 35.5 +0.6			
NC602				eS	S	03 33 48.4 +2.2			
				IVMs_BB	IVMs_BB	03 44 26.4			
NC602	NORSAR Array S	65.16	21	IAMB	IAMB	03 21 11.7			
	comp=Z,8um,25.2s								
GCMP	Grenada, Carri	65.22	100	eP	P	03 20 49.2 -4.2			
MSHR	Myrs Shultsa	65.22	307	iP	P	03 20 53.9 +0.8			
EBL	Broad Law	65.27	31f	eP	P	03 20 53.1 -0.1			
ESY	Stoneypath	65.29	30f	eP	P	03 20 53.2 -0.1			
GRGR	Grenville	65.34	101	eP	P	03 20 51.4 -2.8			
GRGR	Grenville	65.34	101	IAMS_20	IAMS_20	03 49 12.3			
GRFF	Grenada Fort F	65.35	101	eP	P	03 20 52.9 -1.4			
NEWG	New Galloway	65.40	32	eP	P	03 20 53.6 -0.4			
NEWG				IAMS_20	IAMS_20	03 48 31.7			
GALL1	Galloway	65.43	32	eP	P	03 20 53.6 -0.6			
GALL1				IAMS_20	IAMS_20	03 33 56.3			
GALL1				IAMS_20	IAMS_20	03 48 40.9			
ESK	Esksdaleuir	65.58	31	P	P	03 20 54.6 -0.6			
ESK				pmx	pmx				
ESK	Esksdaleuir	65.58	31	IAMB	IAMB	03 20 54.6 -0.6			
ESK				IAMB	IAMB	03 21 11.8			
ESK	Esksdaleuir	65.58	31	IAMS_20	IAMS_20	03 48 23.7			
MAJO	Matsushiro	65.62	298	iP	P	03 20 56.0 +0.1			
MAJO				pmx	pmx				
MAJO				MLR	MLR				
MAJO	Matsushiro	65.62	298	P	IAMB	03 20 55.1 -0.8			
MAJO				IAMB	IAMB	03 21 04.1			
MAT	Matsushiro	65.62	298	P	P	03 20 54.2 -1.7			
MAT				S	S	03 29 39.2 -2.2			
MJAR	Matsushiro Arr	65.62	298	P	S	03 20 54.4 -1.4			
	comp=Z,20nm,0.9s,baz=43,slow=5.3,SNR=48								
MJAR				LR	LR	03 47 07.4			
MJAR						03 49 39.6			
	comp=Z,2.1nm,1.0s,baz=219,slow=3.2,SNR=4.2								
MJAR	Matsushiro Arr	65.62	298	P	P	03 20 55.3 -0.5			
MJAR				pmx	pmx				
MJAR	Matsushiro Arr	65.62	298	P	P	03 20 55.3 -0.5			
MJB9	Matsu-Tunnel	65.62	298	IAMB	IAMB	03 21 04.1			
KONO	Kongsberg	65.65	22	eP	S	03 20 56.3 +0.7			
KONO				eS	S	03 29 44.4 +3.5			
				IVMsBB	IVMsBB	03 44 43.0			
KONO	Kongsberg	65.65	22	iP	P	03 20 56.9 +1.3			
KONO				pmx	pmx				
KONO				MLR	MLR				
KONO	Kongsberg	65.65	22	P	IAMB	03 20 55.5 -0.1			
KONO				IAMB	IAMB	03 21 12.0			
OSL	Oslo	65.67	22	eP	P	03 20 57.2 +1.5			
OSL				eS	S	03 29 47.8 +6.7			
HIA	Hailar	65.76	318d	iP	pmx	03 20 56.9 +0.3			
HIA				pmx	pmx				
HIA				MLR	MLR				
HIA	Hailar	65.76	318	IAMB	IAMB	03 21 03.1			
HIA				IAMS_20	IAMS_20	03 51 03.0			
BBGH	Gun Hill	65.92	98	eP	P	03 20 57.7 -0.3			
BBGH	Gun Hill	65.92	98	eP	S	03 29 50.0 +4.6			
IOMK	Kirk Michael	65.97	33	eP	P	03 20 57.2 -0.5			
IOMK				e	e	03 34 03.8			
IOMK				IAMS_20	IAMS_20	03 48 47.5			
TMCR	Tamitsa	65.97	7	eP	P	03 20 56.4 -1.2			
TMCR				pmx	pmx				
BBSP	Saint Philip	66.02	98	eP	P	03 20 58.7 +0.1			
WIM	Isle of Man	66.02	33f	eP	P	03 20 57.2 -0.9			
DSB	Dublin	66.14	34	IAMB	IAMB	03 21 13.3			
CIT	Chita	66.17	324	eP	P	03 21 00.2 +1.0			
CIT				e	e	03 23 22.2			
CIT				pmx	pmx	03 30 03.4			
SNART	Snartemo	66.19	24	eP	P	03 21 02.1 +3.1			
SNART				eS	S	03 29 47.8 +0.3			
ORIV	Oritupano	66.55	104	eP	P	03 20 59.9 +2.1			
HOMB	Homborsund	66.58	24	eP	P	03 21 02.5 +0.9			
HOMB				eS	S	03 29 55.3 +3.1			
HOMB				IVMs_BB	IVMs_BB	03 51 13.7			
TRN	Trinidad (W)	66.62	101	eP	P	03 20 59.1 -3.3			
TOSP	Speyside	66.68	100	eP	P	03 20 58.3 -4.6			
TOSP	Speyside	66.68	100	eP	S	03 29 55.1 +0.5			
WFS	Cemaes, Angles	66.69	33f	eP	P	03 21 02.2 -0.2			
WFS				IAMS_20	IAMS_20	03 48 47.6			
WME	Myndd Eilian	66.76	33f	eP	P	03 21 02.5 -0.3			
YRC	Rhoscolyn	66.78	33f	eP	P	03 21 02.6 -0.3			
PMOR	Pomarioir Ree	66.81	201	eT	T	04 33 41.9			
WLF1	Llynfaes	66.81	33f	eP	P	03 21 02.8 -0.3			
WLF1				IAMS_20	IAMS_20	03 34 27.5			
WLF1				IAMS_20	IAMS_20	03 48 51.0			
PCED	Cedros	66.84	57	eP	P	03 21 01.5 -2.1			
PGRA	Graciosa	66.95	57	eP	P	03 21 01.9 -2.4			
VAH	Vaihoa	66.97	201	eT	T	04 33 54.0			
YLL	Llanberis	67.01	33f	eP	P	03 21 04.2 -0.3			
ROSA	Rosais	67.03	57	eP	P	03 21 03.3 -1.5			

ROSA	Rosais	67.03	57	IAMS_20	IAMS_20	03 45 05.2			
PCAN	Candelaria	67.08	57	eP	P	03 21 03.7 -1.4			
GDLE	Glaiddale, N Y	67.11	31	eP	P	03 21 05.3 +0.2			
GDLE				IAMS_20	IAMS_20	03 50 55.3			
JHJ	Hachijo jima 2	67.12	294	LR	LR	03 46 46.7			
HPK	Haveraj Park	67.23	31	eP	P	03 21 05.7 -0.1			
HPK				IAMS_20	IAMS_20	03 34 30.2			
HPK				IAMS_20	IAMS_20	03 49 17.8			
FINES	FINES Array B	67.27	13	P	P	03 21 05.7 -0.2			
FINES				PKPPKP	P	03 49 31.7 -7.9			
FINES				LR	LR	03 51 39.1			
FINES	FINES Array B	67.27	13	P	P	03 21 05.3 -0.6			
FINES				IAMS_20	IAMS_20	03 21 06.3 -0.7			
FOEL	Foel Wyifa	67.56	33f	eP	P	03 21 08.0 +0.1			
FOEL				IAMS_20	IAMS_20	03 48 32.7			
ADH	Angra Heroismo	67.62	56	eP	P	03 21 06.6 -1.9			
LBWR	Ladybowyer, Pea	67.65	32	eP	P	03 21 08.6 +0.1			
LBWR				IAMS_20	IAMS_20	03 56 25.8			
STNC	Stoke	67.74	32	eP	P	03 21 08.4 -0.6			
STNC				IAMS_20	IAMS_20	03 49 54.7			
RSSB	Rosebush, Pemb	67.77	34	eP	P	03 21 08.8 -0.4			
RSSB				IAMS_20	IAMS_20	03 49 53.3			
GOEST	G??ttrup	67.86	24	iP	P	03 21 17.0 +7.3			
HLM1	Long Mynd	67.97	33	eP	P	03 21 10.5 -0.1			
HLM1				IAMS_20	IAMS_20	03 34 46.8			
HLM1				IAMS_20	IAMS_20	03 48 46.8			
LMK	Market Rasen	68.08	31f	eP	P	03 21 11.1 0.0			
LMK				IAMS_20	IAMS_20	03 34 44.3			
LMK				IAMS_20	IAMS_20	03 56 50.0			
CWF	Charnwood Fore	68.34	32f	eP	P	03 21 13.0 +0.2			
CWF				IAMS_20	IAMS_20	03 34 50.3			
CWF				IAMS_20	IAMS_20	03 50 12.9			
MUD	Monsted U'grnd	68.35	24	iP	P	03 21 16.1 +3.3			
MUD				MLR	MLR	03 21 16.1 +3.3			
MCH1	Michaelchurch	68.36	33f	eP	P	03 21 12.7 -0.3			
MCH1				IAMS_20	IAMS_20	03 50 20.4			
HTL	Harland	68.64	35	eP	P	03 21 14.6 -0.1			
HTL				IAMS_20	IAMS_20	03 51 26.1			
OLDB	Oldbury-Upon-S	68.80	33	eP	P	03 21 15.5 -0.1			
OLDB				IAMS_20	IAMS_20	03 50 33.6			
STRD	Stroud	68.84	33f	eP	P	03 21 16.0 +0.1			
STRD				IAMS_20	IAMS_20	03 50 54.9			
PRGR	Pergomore	68.94	3	eP	pmx	03 21 16.9 +0.5			

24d 3h

2014 APR

1724

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like CLL, ARU, MOX, MINSK, and MOS.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like NKC, MANZ, GRA1, and various other stations.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like HHC, Hu-ho-hao-te, MTE, and various other stations.

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

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

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

24d 3h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, and ISC. Includes stations like PFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pion Flat, etc.

120d APR

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, and ISC. Includes stations like Q49A Aurora, N50A Nevada, O50A Cable, etc.

1730

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, and ISC. Includes stations like MAYB Maynard, ETB Estevan Point, ETB Estevan Point, etc.

IDC 24 03:44:15.9t, 0.49:70N:127:96W, h0km, mb4.0/9, mb1 4.2/14, mb1mx3.9/58, mbtmp4.0/14, ML3.3/5, Error ellipse: s-maj=24.2km s-min=10.4km az=64.0

IDC 24 03:52:50.2.2.5:219S:134:13E, h0km, mb3.2/2, mb1 3.5/4, mb1mx3.4/33, mbtmp3.3/4, ML3.2/2, Error ellipse: s-maj=23.1km s-min=25.2km az=60.0, Irian Jaya region

RSPR 24 03:54:23.6, 18°39N, 68°98'W, h141km, 1km, MD3.5/10
OSPL 24 03:54:24.4, 2.0, 18.02N, 69.17W, h130km, 17km, ML2.5
ISC 24 03:54:22.6, 1.5, 18.3N, 0.1:69.08W, 0.04, h136km, 10km,
n43, e0569/63, 11C, Dominican Republic region

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

STR 24 03:58:44.7, 0.2, 45°15'N, 100°15'W, h0km, MLv1.6/6,
smi:scs/0.6/LOCSAT earthModelID
smi:scs/0.6/ps_tap-2.11 preliminary
LDG 24 03:58:44.9, 0.1, 44.59N, 6.31E, h2km, Md2.5/3, Ml2.4/7,
Error ellipse: s-maj=1.6km s-min=1.2km az=69.0

GEN 24 03:58:44.1, 4.4, 58°N, 6.78E, h0km, Ml1.5
ISC 24 03:58:44.9, 1.0, 44.59N, 0.02:6.81E, 0.02, h4km, 10km,
n36, e0560/68, France

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like SMRF, BASTF, BASTF, etc.

PNSN 24 04:18:58.8, 47.32N, 123.80W, h31km, MD2.8, Fault plane
solution: NP1, phi=230.00000, delta=0.00000, lambda=10.00000,
Hypocentre not reviewed by the ISC
SEA 24 04:18:58.7, 0.8, 47.32N, 0.05:123.8W, 0.1, h31km, 7km,
ML2.6/149, Error ellipse: s-maj=12.1km s-min=4.8km
az=115.0

PGC 24 04:18:58.7, 47.32N, 123.80W, h31km, ML2.2/25, ML2.6,
114km west of Seattle, Wa Washington
ISC 24 04:18:57.8, 1.4, 47.32N, 0.02:123.8W, 0.03, h33km, 2km,
n61, e0556/100, Washington

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

STR 24 03:58:44.7, 0.2, 45°15'N, 100°15'W, h0km, MLv1.6/6,
smi:scs/0.6/LOCSAT earthModelID
smi:scs/0.6/ps_tap-2.11 preliminary
LDG 24 03:58:44.9, 0.1, 44.59N, 6.31E, h2km, Md2.5/3, Ml2.4/7,
Error ellipse: s-maj=1.6km s-min=1.2km az=69.0

GEN 24 03:58:44.1, 4.4, 58°N, 6.78E, h0km, Ml1.5
ISC 24 03:58:44.9, 1.0, 44.59N, 0.02:6.81E, 0.02, h4km, 10km,
n36, e0560/68, France

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like KAPS, KAPS, PDGK, etc.

PNSN 24 04:18:58.8, 47.32N, 123.80W, h31km, MD2.8, Fault plane
solution: NP1, phi=230.00000, delta=0.00000, lambda=10.00000,
Hypocentre not reviewed by the ISC
SEA 24 04:18:58.7, 0.8, 47.32N, 0.05:123.8W, 0.1, h31km, 7km,
ML2.6/149, Error ellipse: s-maj=12.1km s-min=4.8km
az=115.0

PGC 24 04:18:58.7, 47.32N, 123.80W, h31km, ML2.2/25, ML2.6,
114km west of Seattle, Wa Washington
ISC 24 04:18:57.8, 1.4, 47.32N, 0.02:123.8W, 0.03, h33km, 2km,
n61, e0556/100, Washington

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

STR 24 03:58:44.7, 0.2, 45°15'N, 100°15'W, h0km, MLv1.6/6,
smi:scs/0.6/LOCSAT earthModelID
smi:scs/0.6/ps_tap-2.11 preliminary
LDG 24 03:58:44.9, 0.1, 44.59N, 6.31E, h2km, Md2.5/3, Ml2.4/7,
Error ellipse: s-maj=1.6km s-min=1.2km az=69.0

GEN 24 03:58:44.1, 4.4, 58°N, 6.78E, h0km, Ml1.5
ISC 24 03:58:44.9, 1.0, 44.59N, 0.02:6.81E, 0.02, h4km, 10km,
n36, e0560/68, France

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like DANN Dangsing, PYUN Piuthan, HKTG Rocky Gulley, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like AKASG Malin Array Be, AKASG Malin Array Be, NOR Nord, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like TA02 Huaiquique, TA01 Diego Aracena, etc.

SJA 24 04:56:46.9,0.2,201:09S:70:91W, h36km,2km,ML4.8, MW4.8
VAO 24 04:56:47.2,1.4,19:98S:71:18W, h36km,8km,mb4.7
NEC 24 04:56:48.4,1.3,20:09S:70:93W, h17km, Moment Tensor

24d 4h

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

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

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SNAW baz=167, SNAW Sanae, etc.

24d 5h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Amboy, Liberty, McMinnville, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like 121A, F36A, EYMN, etc.

1736

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Y52A, V54A, 152A, etc.

ICD 24 05:28:26.3z-0.9, 15:07N-45.14W, h0km, mb3.8/1.0, mb1.4/1.1, mb1mx3.8/4.4, mbtmp3.9/1.1, ML4.0/1, Error ellipse: s-maj=29.4km s-min=17.8km az=106.0, NEIC 24 05:28:27.3z-0.8, 15:0N:0.1x45:0W:0.2, h10km, mb4.5/3.1, Error ellipse: s-maj=26.0km s-min=16.7km az=101.0

ISC 24 05:28:28.4z-0.7, 15:01N:0.10x45:1W:0.1, h14km, n55, c0571/49, mb4.3/23, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MDP, PTGA, H10N3, etc.

Table with columns: INK, comp=Z, 6.1nm, 1.4s, BCAR, Beaver Creek A, BMAR, Burnt Mountain, IL31, ILAR, Eielson Array, CCB, Clear Creek B, IMAR, Indian Mountain, ABKAR, Akbulak array. Includes station names, codes, and coordinates.

Table with columns: NNSH, Datong, NNSH, Kuangyinshan, NNS, Nan Shan, NNS, XiuLin Townshi, ETLH, Daxi, WHF, Hehuan Shan, WHF, Emel, NSTT, Nanjuang, CHGB, Renai, OWD, Renai, HATJ, Hateruma jima, WHP, Taichung City, NMLH, MiaoLi, JKRS, Kuro-shima, JKRS, WVDY, WVDY, HGSD, Ruisui, DPDB, Guoxing, NSY, Sanyi, TWQ1, Liyutan, EHY, Hungye, JIJ, Ishigaki jima, JIJ, Sun Moon Lake, SMLT, Suanglung, SSSL, Suantiao, TYC, Yuchr, YULB, Yu-li, TWF1, Yuli, JISG, Ishigakijima, YUS, Yu-Shan, FULB, Full, FULB, Lidau, ELDTW, Lidau, CHN4, Tsauhsan, TPUB, Ta-pu, TWH, Lutao, WTP, Ta-pu, MASBT, Masbuluo, WYUC, WYUC, EAST, Anshuo, XPSS, Dashiqi, LYJJ, Jianjiangzhen.

Table with columns: KURBB, 3.4nm, 0.6s, MK31, Makanchi Array, MK31, 0.7nm, 0.5s, MK31, 1.0nm, 0.7s, MK31, 3.7nm, 0.9s. Includes station names, codes, and coordinates.

IDC 24 05:33:56.7:126.0,20'29N,144'44E, h0km, Error ellipse: s-maj=250.1km s-min=22.7km az=101.0, Mariana Islands

IDC 24 05:54:55.4:50.0,41'74N,46'05E, h14km, MOS 24 05:54:55.4:50.0,41'86N,46'24E, h10km, MPVA3.5, TIF 24 05:54:56.5:41'88N,46'25E, h16km, 1km, NORS 24 05:54:57.6:0.9,41'87N,0'03.46'23E, h12km, 5km, n23, c0944/48, Eastern Caucasus

IDC 24 06:41:19.3:47'69N,7'83E, h3km, 2km, MLH0.6/4, 5C-3D, Error ellipse: s-maj=5.5km s-min=0.9km az=164.0, Switzerland

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, H11S3, WAKE ISLAND, H11S1, WAKE ISLAND, H11S2, WAKE ISLAND, H11N1, WAKE ISLAND, H11N2, WAKE ISLAND, H11N3, WAKE ISLAND, H03N2, Juan Fernandez, H03N3, Juan Fernandez, H03N1, Juan Fernandez.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, JIJ, Ishigaki jima, JIJ, Sun Moon Lake, SMLT, Suanglung, SSSL, Suantiao, TYC, Yuchr, YULB, Yu-li, TWF1, Yuli, JISG, Ishigakijima, YUS, Yu-Shan, FULB, Full, FULB, Lidau, ELDTW, Lidau, CHN4, Tsauhsan, TPUB, Ta-pu, TWH, Lutao, WTP, Ta-pu, MASBT, Masbuluo, WYUC, WYUC, EAST, Anshuo, XPSS, Dashiqi, LYJJ, Jianjiangzhen.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, OTER2, Oberbach 2 (B), ROTHE, Rothenfluh, FELD, Feldberg im Sc, FELD, Feld, SULZ, Cheisacher, KIZ, Kirchzarten, KIRCHZARTEN, METMA, Metma DE, METMA, Metma, BERGE, Lenzkirch (DE), BERGE, Lenzkirch, SLE, Schleitheim.

JMA 24 05:35:46.7:24'64N,122'41E, h33km, 2km, M2.6, TAP 05:35:46.3:24'71N,122'41E, h11km, ML3.5, C, ISC 24 05:35:45.1:1.0,24'72N,0'03.122'43E, h0.02, h16km, 8km, n72, c0558/108, 1C-3D, Taiwan region

DRS 24 05:54:55.4:50.0,41'74N,46'05E, h14km, MOS 24 05:54:55.4:50.0,41'86N,46'24E, h10km, MPVA3.5, TIF 24 05:54:56.5:41'88N,46'25E, h16km, 1km, NORS 24 05:54:57.6:0.9,41'87N,0'03.46'23E, h12km, 5km, n23, c0944/48, Eastern Caucasus

LDG 24 06:43:05.1:0.1,44'65N,6'91E, h25km, Mdl1.3/1, M1.2/2, Error ellipse: s-maj=5.1km s-min=2.3km az=66.0, STR 24 06:43:05.9:0.5,44'N,6'51E, h0km, MLV0.6/2, smi:scs/0.6/ALPSAT earthMODEL, smi:scs/0.6/ALPSAT_2, Phase ID, Preliminary, France

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, EOS1, EOS1, TWB1, Santiao Chiao, TWB1, YONG, YONG, YONG, YONG, TWC, Suao, TWC, Toucheng, NTC, Toucheng, YOJ, Yonaguni jima, YOJ, Yonaguni jima, TIPB, Shuangxi, ILA, Ilan, ILA, Wu-fen Shan, NWF, Wu-fen Shan, WFSB, Wu-fen Shan, WFSB, ENA, Nanau, ENA, Neicheng, TWE, Neicheng, TWE, Yuanshan, SLBB, Yuanshan, ENT1, Nioudou, ENT1, Datong Townshi, NDT, Datong Townshi, NWLT, Wulai, NWLT, Xindian Distri, NHDH, Xindian Distri, YM01, YM01, YM01, TATO, Taipei, TATO, YM08, YM08, YM08, YM11, YM11, YM11, TAP, Taipei, TAP, YM10, YM10, YM10, YM04, YM04, YM04, YM03, YM03, YM03, NACB, Ninganchiao, NACB, Chenhua, TWY, Chenhua, ANP, Anpu, YHNB, Yeheng, YHNB, Sanguang, NSK, Sanguang, TWD, Chiawan, NNSB, Datong, NNSB, Datong.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, JIJ, Ishigaki jima, JIJ, Sun Moon Lake, SMLT, Suanglung, SSSL, Suantiao, TYC, Yuchr, YULB, Yu-li, TWF1, Yuli, JISG, Ishigakijima, YUS, Yu-Shan, FULB, Full, FULB, Lidau, ELDTW, Lidau, CHN4, Tsauhsan, TPUB, Ta-pu, TWH, Lutao, WTP, Ta-pu, MASBT, Masbuluo, WYUC, WYUC, EAST, Anshuo, XPSS, Dashiqi, LYJJ, Jianjiangzhen.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, OGAG, Argentiere, OGAG, Montbardon, MBDF, Montbardon, ORIF, Oris-en-Rattie, ORIF, Oris-en-Rattie, ORIF, Oris-en-Rattie, TURF, col de Turini, TURF, La Foret Royal, FRF, La Foret Royal, LPG, La Plagne, LPG, La Plagne.

IDC 24 06:46:57.7:1.9, 6'82S, 154'38E, h0km, mb3.8/4, mb1.4/0.4, mb1mx3.7/39, mbtmp3.8/4, Error ellipse: s-maj=83.4km s-min=31.3km az=132.0, Bougainville-Solomon Islands region

DRS 24 05:54:55.4:50.0,41'74N,46'05E, h14km, MOS 24 05:54:55.4:50.0,41'86N,46'24E, h10km, MPVA3.5, TIF 24 05:54:56.5:41'88N,46'25E, h16km, 1km, NORS 24 05:54:57.6:0.9,41'87N,0'03.46'23E, h12km, 5km, n23, c0944/48, Eastern Caucasus

IDC 24 06:42:31.8:1.0, 9'72N, 126'15E, h0km, mb3.9/7, mb1.4/1.7, mb1mx3.7/39, mbtmp3.9/7, Error ellipse: s-maj=83.7km s-min=1.0km az=75.0, MAN 24 06:42:39.5:1.0, 9'72N, 126'15E, h17km, mb4.6, ML3.4, MS3.3, ISC 24 06:42:34.2:2.0, 9'88N, 126'05E, 126'37E, h17km, 12km, n18, c156/28, mb3.7/7, 2C-2D, Mindanao

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, LGD, Lagodekhi, LGD, Lagodekhi, DDFL, Dedofliistskaro, DDFL, Kumukh, KMKR, Kumukh, GNB, GNB, GNB, GNB, DGRG, David-gareji, DGRG, Khunzakh, XNZR, Khunzakh, BTLR, Botlikh, BTLR, Arak, Arak, UNCR, Uncukul, UNCR, Botanicuri, BTNK, Botanicuri, BTNK, Botanicuri, KRN, Karanay, KRN, Karanay, URK, Urkarakh, URK, Urkarakh, AKT, Akhty, AKT, Akhty, DBC, Dubki, DBC, Dubki, GUDG, Gudauri, GUDG, Gudauri, GUDG, Gudauri, KZRT, Kazreti, KZRT, Kazreti, LACR, Lac, LACR, Lac, ZEI, Tsey, ZEI, Tsey, ONI, Oni, ONI, Oni, DIGR, Digorskoe uzhe, DIGR, Digorskoe uzhe.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, SCPH, Surigao, SCPH, Surigao, BUTP, Butuan, BUTP, Butuan, MSLP, Maasin, MSLP, Maasin, CGP, Cagayan de Oro, CGP, Cagayan de Oro, BUKP, Musuan, BUKP, Musuan, LLP, Lapu-Lapu, LLP, Lapu-Lapu, CNP, Catarman, CNP, Catarman, KCP, Kidapawan, KCP, Kidapawan, PAGZ, Pagadian, PAGZ, Pagadian, DMMP, Don Marcelino, DMMP, Don Marcelino, RCP, Roxas, RCP, Roxas, FITZ, Fitzroy Crossi, FITZ, Fitzroy Crossi, WRA, Warramunga Arr, WRA, Warramunga Arr, ASAR, Alice Springs, ASAR, Alice Springs, MKAR, Makanchi Array, MKAR, Makanchi Array, ARCES, ARCES Array B, ARCES, ARCES Array B, FINES, FINES Array B, FINES, FINES Array B, YKA, Yellowknife Ar, YKA, Yellowknife Ar.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, SCPH, Surigao, SCPH, Surigao, BUTP, Butuan, BUTP, Butuan, MSLP, Maasin, MSLP, Maasin, CGP, Cagayan de Oro, CGP, Cagayan de Oro, BUKP, Musuan, BUKP, Musuan, LLP, Lapu-Lapu, LLP, Lapu-Lapu, CNP, Catarman, CNP, Catarman, KCP, Kidapawan, KCP, Kidapawan, PAGZ, Pagadian, PAGZ, Pagadian, DMMP, Don Marcelino, DMMP, Don Marcelino, RCP, Roxas, RCP, Roxas, FITZ, Fitzroy Crossi, FITZ, Fitzroy Crossi, WRA, Warramunga Arr, WRA, Warramunga Arr, ASAR, Alice Springs, ASAR, Alice Springs, MKAR, Makanchi Array, MKAR, Makanchi Array, ARCES, ARCES Array B, ARCES, ARCES Array B, FINES, FINES Array B, FINES, FINES Array B, YKA, Yellowknife Ar, YKA, Yellowknife Ar.

NNC 24 06:02:47.2:1.9, 54'12N, 86'29E, h0km, mb3.8, mpv3.0, SC-4D, Error ellipse: s-maj=21.4km s-min=8.7km az=2.0, Suspected Mining explosion, Southwestern Siberia

NNC 24 07:14:10.5:0.5, 50'11N, 79'06E, h0km, mb3.9, mpv3.4, 18C-9D, Error ellipse: s-maj=9.4km s-min=2.3km az=59.0, Suspected Mining explosion, Eastern Kazakhstan

NNC 24 07:14:10.5:0.5, 50'11N, 79'06E, h0km, mb3.9, mpv3.4, 18C-9D, Error ellipse: s-maj=9.4km s-min=2.3km az=59.0, Suspected Mining explosion, Eastern Kazakhstan

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ZAAO, Zalesovo Array, ZAAO, Zalesovo Array, ZAAO, Zalesovo Array, KURK, Kurchatov Arra, KURK, Kurchatov Arra, KURK, Kurchatov Arra, KURK, Kurchatov Arra, KURB, Kurchatov Arra, KURB, Kurchatov Arra.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ZAAO, Zalesovo Array, ZAAO, Zalesovo Array, KURK, Kurchatov Arra, KURK, Kurchatov Arra, KURK, Kurchatov Arra, KURK, Kurchatov Arra, KURB, Kurchatov Arra, KURB, Kurchatov Arra.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, KUR14, Kurchatov Arra, KUR14, Kurchatov Arra, KUR07, Kurchatov Arra, KUR07, Kurchatov Arra, KUR06, Kurchatov Arra, KUR06, Kurchatov Arra, KUR15, Kurchatov Arra, KUR15, Kurchatov Arra, KURBB, Kurchatov Arra, KURBB, Kurchatov Arra, KUR05, Kurchatov Arra, KUR05, Kurchatov Arra, KUR16, Kurchatov Arra, KUR16, Kurchatov Arra, KUR04, Kurchatov Arra, KUR04, Kurchatov Arra, KUR17, Kurchatov Arra, KUR17, Kurchatov Arra, KURK, Kurchatov Arra, KURK, Kurchatov Arra, KURK, Kurchatov Arra, KURK, Kurchatov Arra, MAKZ, Makanchi, MAKZ, Makanchi.

Table with columns: Code, Station Name, Az, El, Op, Time, Res. Includes stations like HRA Herat, ASF Jabal al Asfar, GHAJ Ghor Haditha, etc.

Table with columns: Code, Station Name, Az, El, Op, Time, Res. Includes stations like ZALV Zalesovo Beam, BNI Bardonecchia, NOA Norsar Array, etc.

Table with columns: Code, Station Name, Az, El, Op, Time, Res. Includes stations like IDC 24 08:09:55.8, EDB Eliza Dome, BPC Brooks Peninsula, etc.

24d 8h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like Fort Nelson, Bessie Mountain, Whitehorse, Elko, etc.

JMA 24 08:11:39.6:0.1, 24.66N, 122.40E, h28km, 5km, M1.8
TAP 24 08:11:39.1, 24.75N, 122.34E, h7km, ML2.8, D
ISC 24 08:11:39.0:1.0, 24.70N, 122.40E, h16km, 8km, n45, c058/86, Taiwan region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like EOS1, EOS1, TWB1, TWB1, etc.

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

JMA 24 08:14:16.1, 24.42N, 123.94E, h0km, M0.9, Southwestern Ryukyu Islands

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

TAP 24 08:15:07.6, 24.74N, 122.41E, h12km, ML2.2, C, Taiwan region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like EOS1, EOS1, TWB1, TWB1, etc.

NIED 24 08:22:00, 34.90N, 135.60E, h17km, Mw3.4 Best double couple: M1.48000x1014, NP2: 135.0000, 872.0000, 1.9, 0.0000, 2.161, 0.0000, NP2: 135.0000, 872.0000, 1.9, 0.0000, JMA 24 08:22:47.1, 34.90N, 135.50E, h12km, Mw3.7, C-3D, Broadband fault plane solution: P waves: NP1: 135.0000, 862.0000, 1.15, 0.0000, NP2: 135.0000, 877.0000, 1.15, 0.0000, Principal axes: T P1g30.0000, Azm353.0000; N P1g58.0000,

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like Azm195.0000, P P1g10.0000, Azm89.0000, Near south coast of western Honshu

IDC 24 08:28:07.3:1.5, 4.99S, 153.24E, h0km, mb4.0/6, mb1 4.1/6, mb1mx3.7/52, mbtmp4.0/6, MS3.5/1, Ms1 3.5/1, ms1mx2.5/37 Error ellipse: s-maj=28.2km s-min=18.5km az=51.0

NEIC 24 08:28:14.7:1.6, 5.10S, 0.09, 153.2E, 0.1, h50km, 9km, mb4.5/1, Error ellipse: s-maj=20.8km s-min=8.7km az=58.0

ISC 24 08:28:13.9:0.9, 5.14S, 10.153, 1E, 0.1, h43km, n20, c156/20, mb4.3/1, New Ireland region

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

IDC 24 08:33:04.6:0.4, 7.685N, 18.14E, h0km, mb3.9/23, mb1 4.1/25, mb1mx3.9/72, mbtmp4.0/25, ML3.6/2, MS3.2/10, Ms1 3.2/10, ms1mx2.8/64, Error ellipse: s-maj=12.9km s-min=5.5km az=70.0

NAO 24 08:33:05.6:0.9, 7.96N, 18.89E, h13km, 9km, ML4.1 NEIC 24 08:33:06.2:1.4, 76.97N, 0.05, 18.3E, 0.2, h10km, 7km, mb4.3/55, Error ellipse: s-maj=9.8km s-min=6.9km az=30.0

BER 24 08:33:08.5:1.9, 77.00N, 18.83E, h14km, ML3.9, MW4.1, ML4.1 (NAO), Confirmed Earthquake IEPN 24 08:33:09.0, 77.05N, 19.28E, h10km ISC 24 08:33:06.5:1.3, 76.96N, 0.03, 18.81E, 0.03, h14km, 8km, n169, c1970/197, mb4.2/45, MS3.1/5, C-4D, Svalbard region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like HSPB, Hornsund (broa), HSPB, Hornsund (broa), etc.

24d 10h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Datong Townshi, Wulai, Ninganchiao, etc.

IDC 24 09:31:38.42.1.9.23S:126.47E, h0km, mb3.3/1, mb1.4, 1/3, mb1mx3.6/28, mbtmp3.8/3, ML4.3=2, Error ellipse: s-maj=250.0km s-min=3.5km az=59.0, Timor region

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

IDC 24 09:48:45.5.0.6.65S:154.75E, h0km, mb4.3/21, mb1.4, 4/24, mb1mx4.3/46, mbtmp4.3/24, ML2.4/1, MS3.6/13, Ms1.3/7.13, ms1mx3.4/39, Error ellipse: s-maj=17.6km s-min=15.7km az=102.0

NEIC 24 09:48:51.6.2.5.6.62S:0.05x154.61E:0.07, h35km, 1km, mb4.7/31, Error ellipse: s-maj=12.3km s-min=7.3km az=71.0

BUI 24 09:48:53.8.0.0.6.68S:154.13E, h35km, mb5.0/25, mb4.8/31, Ms4.5/5, Ms7.4/2.1

DJA 24 09:48:58.0.8.7.7.7.15.4E:1.1, h79km, 10km, M4.6/8, mb4.6/8, mb4.7/4, MLV4.8/2, MW(MB)3.9/4

ISC 24 09:48:53.2.0.4.6.61S:0.05x154.56E:0.06, h48km, n104, r1980/11, mb4.6/43, MS3.6/9, Bougainville-Solomon Islands region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like G005, G005, G005, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like G005, G005, G005, etc.

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

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

NEIC 24 10:01:01.1.1.1.7.78S:0.08x70.0W:0.1, h140km, 4km, mb4.3/3, Error ellipse: s-maj=20.1km s-min=8.7km az=114.0

IDC 24 10:01:02.8.1.8.1.7.94S:69.63W, h143km, 11km, mb3.8/4, mb1.3/8, mb1mx3.5/32, mbtmp4.3/8, Error ellipse: s-maj=31.3km s-min=10.9km az=102.0

VAO 24 10:01:02.1.1.1.1.7.78S:69.81W, h130km, 6km, mb4.5

ISC 24 10:01:01.0.0.9.1.7.86S:0.05x70.0W:0.1, h150km, n36, r1973/9, mb4.3/4, Peru-Bolivia border region

SJA 24 10:06:49.0.0.7.34:82S:73:91W, h10km, ML5.0, MW4.7

MOS 24 10:07:02.8.1.5.34:47S:72:45W, h10km, mb5.1/21, Error ellipse: s-maj=14.9km s-min=7.4km az=87.9

IDC 24 10:07:02.0.4.34:51S:72:58W, h0km, mb4.7/22, mb1.4/24, mb1mx4.7/32, mbtmp4.7/24, ML4.3/2, MS3.9/11, Ms3.9/11, ms1mx3.7/37, Error ellipse: s-maj=20.7km

GUC 24 10:07:02.0.7.34:54S:72:77W, h36km, 3km, ML4.8

NEIC 24 10:07:04.0.2.0.34:41S:0.05x72:54W:0.09, h10km, 1km, mb5.0/199, ML4.7(GUC), Error ellipse: s-maj=12.9km s-min=7.7km az=247.0

BUI 24 10:07:05.0.0.4.34:50S:72:60W, h15km, mb4.75, Ms5.2/7, Ms7.4/9.3

GCMT 24 10:07:06.0.0.4.34:67S:0.03x72:92W:0.03, h22km, 1km, MW4.9/62, Moment Tensor Solution, s18,c22; s62,c87; Duration: 0 Moment tensor: Scale 1016Nm; Mr=2.5e-23; Mw0.97; 13; Mw1.845; 14; Mw0.17; 19; Mw1.52; 27; Mw1.13; 22; Best double couple: M3 11800; 1016; NP1: 848.00000; 836.00000; A: 73.00000; NP2: 9027.00000; 855.00000; A: 102.00000; Principal axes: T 3.1580, Plg10.0000, Azm305.0000; N -0.0790, Plg10.0000, Azm214.0000; P -3.0790, Plg76.0000, Azm78.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

VAO 24 10:07:07.8.1.2.34:52S:72:47W, h34km, 8km, mb4.8

ISC 24 10:07:09.1.8.34:51S:0.03x72:62W:0.06, h16km, n104, n587, r1919/527, mb5.0/115, MS4.0/12, 11C=18D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like G005, G005, G005, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like G005, G005, G005, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like G005, G005, G005, etc.

24d 10h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like N47A Urbana, M51A Elyria, ANMO Albuquerque, etc.

2014 APR

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like G47A Hillman, ISCO Idaho Springs, F59A Saint Guillaume, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like NVAR Mina Array Bea, NVAR Ryan, KVN Kaiserville, etc.

Table of astronomical observations for 24d 10h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2014 APR, listing station names, coordinates, and observation details.

Table of astronomical observations for 1748, listing station names, coordinates, and observation details.

24h 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB11 IPOC Station P, PB12 IPOC Station P, PB13 IPOC Station P, etc.

IDC 24 11:35:22.3:0.7, 6.72S:154.79E, h0km, mb4.3/16, mb1 4.2/17, mb1mx3.4/34, mbtmp4.3/17, ML4.1/1, MS3.8/15, MS1 3.8/15, ms1mx3.6/34, Error ellipse: s-maj=22.1km s-min=17.0km az=110.0

NEIC 24 11:35:27.8:1.9, 6.68S:0.10:154.76E:0.09, h35km, 1km, mb4.0/29, Error ellipse: s-maj=18.3km s-min=13.2km az=214.0

GCMT 24 11:35:29.0:0.4, 6.96S:0.03:154.81E:0.04, h31km, MW4.9/63, Moment Tensor Solution. s27.c27; s63.c76; Duration: 0 Moment tensor: Scale 10^19Nm; Mr3.41±.23; Mw-1.82±.14; Mw-1.60±.14; Mw0.98±.15; Mw1.00±.07; Mw-0.44±.15; Best double couple: Mc3.24100x10^16 Np1.3x15.00000°, s54.00000°, a97.00000°. Np2: 0.127, 0.00000°, s54.00000°, a85.00000°. Principal axes: T 3.6010, P1g8.0000°, Azm1.60000°, P -0.7290, P1g4.0000°, Azm1.30000°, P -2.8820, P1g9.0000°, Azm2.00000°. Azm1 refers to body waves, cutoff=40s. nstaz refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 24 11:35:30.0:0.5, 6.69S:0.06:154.72E:0.08, h56km, n80, 015177/28, mb4.5/28, MS3.8/11, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Keravat (AS076), KRVT 16nm, KRVT 65nm, etc.

15 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR KNRA, ASAR KNRA, SOEI Soe, SOEI FOZE, FITZ Fitzroy Crossi, etc.

IDC 24 11:48:58.1:1.4, 7.22S:155.31E, h0km, mb3.9/6, mb1 4.2/7, mb1mx3.9/26, mbtmp3.9/7, ML3.7/1, Error ellipse: s-maj=43.4km s-min=25.0km az=129.0

NEIC 24 11:49:04.7:1.9, 7.12S:0.09:155.0E:0.1, h35km, 2km, mb4.5/16, Error ellipse: s-maj=36.0km s-min=9.1km az=110.0

ISC 24 11:49:04.9:1.0, 7.15S:0.1:155.2E:0.1, h41km, n31, 01547/29, mb4.4/14, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Keravat (AS076), KRVT 3.6nm, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRH comp=2.5, 1nm, 1.4s, VRDI Verde Repetier, VRDI comp=2.3, 6nm, 1.0s, etc.

IDC 24 11:52:00.9:1.2, 7.40S:155.43E, h0km, mb3.9/8, mb1 4.2/10, mb1mx3.9/35, mbtmp4.0/10, ML2.9/2, Error ellipse: s-maj=39.4km s-min=22.1km az=139.0

NEIC 24 11:52:05.1:1.3, 7.65S:0.1:155.47E:0.06, h27km, 8km, mb4.5/13, Error ellipse: s-maj=18.3km s-min=8.9km az=187.0

ISC 24 11:52:05.0:1.0, 7.65S:0.2:155.5E:0.1, h29km, n26, 0088/26, mb4.2/14, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Keravat (AS076), KRVT 4.9nm, etc.

NIED 24 12:03:00.37:40N, 142:00E, h47km, Mw3.7 Best double couple: M4.620000°-10.14 Np1.3x17.60000°, s63.00000°, a93.00000°. Np2: 0.348, 00000°, s26.00000°, a84.00000°. JMA 24 12:03:59.0:1.0, 37.41N:141.96E, h41km, 3km, M4.0

IDC 24 12:04:00.5:2.3, 37:23N:142:10E, h43km, 2km, mb3.4/9, mb1 3.6/14, mb1mx3.5/46, mbtmp3.6/14, ML3.4/4, Error ellipse: s-maj=21.4km s-min=12.7km az=107.0

ISC 24 12:03:58.0:0.7, 37.40N:142:01E:0.05, h24km, n35, 01928/45, mb3.6/9, East coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFK Kawauchi, JFJK Minamisoumatou, JMST Minamisoumatou, etc.

24d 12h

Table with columns: KLV, comp, E, Az, S, Sg, Time, Res. Rows include Kalavryta, Ach, Agios Georgios.

IDC 24 12:20:28.4.6.7.27.83S:23:15E, h0km, mb1 2.0/1, mb1mx2.0/29, mbmtpt2.1/1, ML2.2/1, Error ellipse: s-maj=40.2km s-min=39.3km az=148.0, South Africa

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include BOSHOF INFRASO 2.00 114 I, BOSA Boshof 2.01 113 Ph, BOSA 2.3nm, 0.3s, baz=202, slow=29, SNR=25.

MOS 24 12:46:09.0.1.1.59:73S:26:28W, h38km, mb5.5/13, Error ellipse: s-maj=27.7km s-min=11.7km az=108.6

NEIC 24 12:46:09.7.1.8.59:66S:0:09.26:11W:0.2, h35km, 1km, mb5.5/47, Error ellipse: s-maj=18.2km s-min=12.9km az=224.0

IDC 24 12:46:09.2.1.6.59:59S:26:11W, h31km, 10km, mb5.0/23, mb1 5.0/25, mb1mx4.9/34, mbmtpt5.2/25, ML5.1/2, MS4.6/20, Ms1 4.6/20, ms1mx4.5/24, Error ellipse: s-maj=13.7km s-min=9.8km az=35.0

GCMT 24 12:46:14.7.0.1.60:03S:0:01.25:71W:0:02, h36km, MW5.2/126, Moment Tensor Solution. s106.c164; s126.c200; Duration: 1s0 Moment tensor: Scale 1017 Nm; Mn=0.66; 0.2; Mw=0.14; 0.1; Ms=0.80; 0.1; Mm=0.28; 0.2; Mx=0.35; 0.1; My=0.28; 0.1; Best double couple: M1=0.90600x1017, N1=1.22500000, S1=4.000000, 1.13200000, NIP2=352.00000, S5=8.00000, 1.55.00000.

Principal axes: T 0.8760, P160.0000, Azm208.0000; N 0.0590, P129.0000, Azm13.0000; P -0.9350, P107.0000, Azm106.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BUJ 24 12:46:16.0.0.0.59:60S:26:40W, h90km, mb5.1/9, Ms5.2/13, Ms7 4.8/10

IDC 24 12:46:06.8.0.6.59:55S:0:06.26:17W:0:06, h177km, 3km, h17km, p-P, n273, n1915/284, mb5.3/40, MS4.7/29, 10C-8D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include HOPE Hope Point 7.72 309 P, VNA1 Neumayer-Stat 13.37 154 P, VNA3 Neumayer Olymp 13.52 157 P, VNA2 Neumayer-Watz 13.76 154 P.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include SNA3 Sanae 15.35 152 P, SNA4 Sanae 15.35 152 P, SNA5 Sanae 15.35 152 P, SNA6 Sanae 15.35 152 P.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include PMSA Palmer Station 18.22 237 P, PMSA Palmer Station 18.22 237 P, PMSA Palmer Station 18.22 237 P.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include EFI East Falkland 19.50 280j eP, EFI East Falkland 19.50 280 P, USHA Ushuaia 23.07 263 P.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include USHA Ushuaia 23.07 263 P, USHA Punta Arenas 25.26 265 P, G010 Cerro Castillo 25.98 267 P.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include SYO Syowa Base 28.58 137j eP, SYO Syowa Base 28.58 137j eP, SYO Syowa Base 28.58 137j eP.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include QSPA South Pole Qui 30.69 180 P, QSPA South Pole Qui 30.69 180 P, QSPA South Pole Qui 30.69 180 P.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include QSPA South Pole Qui 30.69 180 P, QSPA South Pole Qui 30.69 180 P, QSPA South Pole Qui 30.69 180 P.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include PLCA Paso Flores 33.28 284 P, PLCA Paso Flores 33.28 284 P, PLCA Paso Flores 33.28 284 P.

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Table with columns: BOSA, comp, Z, Az, S, Sg, Time, Res. Rows include BOSA comp=Z, 0.8nm, 0.3s, baz=157, slow=10, SNR=3.5.

Table with columns: PB14, comp, Z, Az, S, Sg, Time, Res. Rows include PB14 IROC Station P 46.47 299 P, BDFB Brasilia 46.68 330 P, BDFB Brasilia 46.68 330 P.

Table with columns: LVC, comp, Z, Az, S, Sg, Time, Res. Rows include LVC Limon Verde 47.58 302 P, LVC Limon Verde 47.58 302 P, LVC Limon Verde 47.58 302 P.

Table with columns: LVC, comp, Z, Az, S, Sg, Time, Res. Rows include LVC Limon Verde 47.58 302 P, ARAG Araguaiana, MT 47.65 326 eP, PB06 IROC Station P 47.78 301 Iamb.

Table with columns: SALV, comp, Z, Az, S, Sg, Time, Res. Rows include SALV Santo Antonio 50.41 314 P, SALV San Ignacio 50.41 314 P, SALV Santo Antonio 50.41 314 P.

Table with columns: TSUM, comp, Z, Az, S, Sg, Time, Res. Rows include TSUM Tsumeb 51.02 57 P, TSUM Tsumeb 51.02 57 P, TSUM Tsumeb 51.02 57 P.

Table with columns: H10S3, comp, Z, Az, S, Sg, Time, Res. Rows include H10S3 ASCENSION HYDR51.24 15 T, H10S3 ASCENSION HYDR51.24 15 T, H10S3 ASCENSION HYDR51.24 15 T.

Table with columns: H10N1, comp, Z, Az, S, Sg, Time, Res. Rows include H10N1 ASCENSION HYDR52.35 15 T, H10N1 ASCENSION HYDR52.35 15 T, H10N1 ASCENSION HYDR52.35 15 T.

Table with columns: H10N2, comp, Z, Az, S, Sg, Time, Res. Rows include H10N2 ASCENSION HYDR52.35 15 T, LPAZ La Paz 52.87 306 P, LPAZ La Paz 52.87 306 P.

Table with columns: LPAZ, comp, Z, Az, S, Sg, Time, Res. Rows include LPAZ La Paz 52.87 306 P, LPAZ La Paz 52.87 306 P, LPAZ La Paz 52.87 306 P.

Table with columns: LPAZ, comp, Z, Az, S, Sg, Time, Res. Rows include LPAZ La Paz 52.87 306 P, LPAZ La Paz 52.87 306 P, LPAZ La Paz 52.87 306 P.

Table with columns: LPAZ, comp, Z, Az, S, Sg, Time, Res. Rows include LPAZ La Paz 52.87 306 P, LPAZ La Paz 52.87 306 P, LPAZ La Paz 52.87 306 P.

Table with columns: LPAZ, comp, Z, Az, S, Sg, Time, Res. Rows include LPAZ La Paz 52.87 306 P, LPAZ La Paz 52.87 306 P, LPAZ La Paz 52.87 306 P.

Table with columns: LPAZ, comp, Z, Az, S, Sg, Time, Res. Rows include LPAZ La Paz 52.87 306 P, LPAZ La Paz 52.87 306 P, LPAZ La Paz 52.87 306 P.

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Table with columns: PPT, comp, Z, Az, S, Sg, Time, Res. Rows include PPT comp=Z, 490nm, 23.5s, baz=159, PPT Papeete 90.53 233 LR.

Table with columns: MDT, comp, Z, Az, S, Sg, Time, Res. Rows include MDT comp=Z, 314nm, 19.0s, baz=146, slow=31, MDT Midelt 93.75 18 LR.

Table with columns: TEIG, comp, Z, Az, S, Sg, Time, Res. Rows include TEIG comp=Z, 324nm, 21.9s, baz=166, slow=32, TEIG Tepich 94.13 304 P.

Table with columns: TAOE, comp, Z, Az, S, Sg, Time, Res. Rows include TAOE Nuku Hiva Isla 94.18 245 eLR, ASAR Alice Springs 95.48 162 P.

Table with columns: ASAR, comp, Z, Az, S, Sg, Time, Res. Rows include ASAR comp=Z, 12nm, 0.7s, baz=188, slow=76, ASAR comp=Z, 0.3nm, 0.5s, baz=182, slow=1.2, SNR=5.6.

Table with columns: ASAR, comp, Z, Az, S, Sg, Time, Res. Rows include ASAR comp=Z, 0.7nm, 0.8s, baz=18, slow=3, ASAR comp=Z, 752nm, 21.5s, baz=188, slow=33.

Table with columns: ASAR, comp, Z, Az, S, Sg, Time, Res. Rows include ASAR comp=Z, 0.7nm, 0.8s, baz=18, slow=3, ASAR comp=Z, 387nm, 22.5s, ASAR Warramunga Arr 99.20 161 P.

Table with columns: ASAR, comp, Z, Az, S, Sg, Time, Res. Rows include ASAR comp=Z, 2.5nm, 0.9s, baz=191, slow=3.8, SNR=11, ASAR comp=Z, 1.4nm, 0.8s, baz=206, slow=1.1, SNR=5.1.

Table with columns: ASAR, comp, Z, Az, S, Sg, Time, Res. Rows include ASAR comp=Z, 0.3nm, 0.5s, baz=354, slow=2.8, SNR=6.9, ASAR comp=Z, 638nm, 20.7s, baz=180, slow=34.

Table with columns: ASAR, comp, Z, Az, S, Sg, Time, Res. Rows include ASAR comp=Z, 0.2nm, 0.8s, ASAR Warramunga Arr 99.20 161 Iamb, ASAR comp=Z, 150nm, 19.1s, baz=159, slow=33.

Table with columns: ASAR, comp, Z, Az, S, Sg, Time, Res. Rows include ASAR comp=Z, 8.6nm, 0.7s, baz=15, slow=10, SNR=5.2, ASAR comp=Z, 1.1nm, 0.4s, baz=148, SNR=6.1.

Table with columns: ASAR, comp, Z, Az, S, Sg, Time, Res. Rows include ASAR comp=Z, 10nm, 0.9s, ASAR comp=Z, 297nm, 22.0s, AKASG Malin Array Be 118.70 37 P.

Table with columns: AKASG, comp, Z, Az, S, Sg, Time, Res. Rows include AKASG comp=Z, 2.8nm, 0.7s, baz=237, slow=1.6, SNR=13, AKASG comp=Z, 3.0nm, 0.7s, AKASG Malin Array Be 118.70 37 P.

Table with columns: AKASG, comp, Z, Az, S, Sg, Time, Res. Rows include AKASG comp=Z, 3.0nm, 0.7s, AKASG Malin Array Be 118.70 37 P, AKASG Malin Array Si 118.70 37 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KIRV Summit, SUMG Summit, ARU Arti, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NWA0 Narogin (SR), FITZ Fitzroy Crossi, ASAR Alice Springs, etc.

DJA 24 12:57:35.0±0.8, 8°S, 13°10'09"E, h10km, M4, 1/7, MLV4, 1/7

IDC 24 12:57:39.0±1.8, 8°19'S, 109°06'E, h98km, 18km, mb3.5/4, mb1 3.6/5, mb1mx3.3/5.6, mbtmp3.8/5, MS3.2/2, Ms1 3.2/2, ms1mx2.6/3.9, Error ellipse: s-maj=99.3km s-min=16.2km az=41.0

ISC 24 12:57:35.6±1.0, 8.45±0.1, 109°12'E, 0.06, h55km, n19, c±200/15, mb3.6/4, Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UGM Wanagama, CISI Cismepet, SMRI Semarang, etc.

IDC 24 13:18:58.9±2.6, 6°44'S, 130°40'E, h108km±28km, mb3.8/5, mb1 3.9/9, mb1mx3.5/4.5, mbtmp4.2/9, MS4, 1/2, Ms1 4.1/2, ms1mx2.8/4.0, Error ellipse: s-maj=55.1km s-min=19.8km az=86.0

NEIC 24 13:19:00.0±1.7, 6°35'S, 0°07', 130°5'E, 0.1, h170km, 15km, mb4.3/7, Error ellipse: s-maj=16.1km s-min=10.1km az=90.0

DJA 24 13:19:01.6±0.8, 6°S, 4°13'13"E, h147km, 17km, M4, 3/6, mb4.9/3, mb4.2/3, MLV4, 4/6, MW(mb)4.2/3

ISC 24 13:19:00.3±0.6, 6.355±0.05, 130°53'E, 0.07, h150km, n39, c±248/40, mb3.8/6, Banda Sea

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

IDC 24 13:20:46.0±0.0, 20°70'N-143°72'E, h0km, Error ellipse: s-maj=79.6km s-min=9.2km az=97.0, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H1S33 WAKE ISLAND Hy, H1S31 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H1N11 WAKE ISLAND Hy, H1N12 WAKE ISLAND Hy, etc.

IDC 24 13:26:27.1±0.6, 6°54'S, 154°65'E, h0km, mb3.1/2, mb1 3.5/3, mb1mx3.2/4.2, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=70.1km s-min=41.6km az=89.0, Bougainville-Solomon Islands region

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

KRSC 24 13:26:34.0±1.4, 49.67N-156.75E, h6km±23km, ML4.1, Kuril Islands

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

IDC 24 13:27:27.8±2.5, 19°94'S-173°94'W, h0km, mb4.0/7, mb1 4.2/7, mb1mx3.9/3.9, mbtmp4.0/7, Error ellipse: s-maj=63.4km s-min=31.0km az=133.0

ISC 24 13:27:32.2±2.6, 20°05'N-173°90'W, 0.5, h31km, n9, c±105/10, mb4.2/7, Tonga Islands

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

WEL 24 13:30:16.9±0.6, 6°16'S-175°9'E, 0.9, h28km, 1km, M3.3/13, ML3.7/13, MLV3.3/13, Error ellipse: s-maj=0.0km s-min=0.0km az=101.9, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PRWZ Pori Road, PRWZ Pori Road, TIWZ Tintock, etc.

IDC 24 12:51:02.6±2.2, 46°62'S-96°08'E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/5.3, mbtmp3.9/3, MS3.8/5, Ms1 3.8/5, ms1mx3.2/3.5, Error ellipse: s-maj=56.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Urewera, Tauranga, Ragz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STV, Sant Anna di V, EQUI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VIVF, ARVD, CABF, etc.

STR 24 15:47:26.0±0.5, 44°N, 12°E, h14km, 2km, MLv2.777, smi:scs/0.6/LOCAT earthModelID

LDG 24 15:47:26.0±1.1, 43.86N, 8.64E, h4km, Md2.9/4, M3.0/17, Error ellipse: s-maj=2.8km s-min=2.4km az=5.0

GEN 24 15:47:27.5±0.3, 43.94N, 8.61E, h4km, 2km, ML2.5, ROMZ 24 15:47:27.4±0.1, 43.95N, 8.607E, 0.005

ISC 24 15:47:25.9±1.0, 43.86N, 0.02, 8.62E, 0.01, h14km, 8km, n95, c135/158, 1C-5D, Corsica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FINB, RORO, QLNO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PGF, MAIM, CARD, etc.

KRSC 24 16:07:01.9±1.8, 48°26'N, 156°25'E, h6km, 32km, ML4.1, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR, PAU, KDR, etc.

ISN 24 16:19:55.0±0.3, 37°12'N, 42°36'E, h0km, ML2.6, ISK 24 16:20:01.4, 37°12'N, 42°26'E, h3km, ML2.77

DDA 24 16:20:03.2, 37°12'N, 42°30'E, h7km, 3km, ML2.3, ISC 24 16:20:00.0±1.4, 36.99N, 0.04, 42.29E, 0.03, h2km, 11km, n19, c150/31, Iraq

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

IDC 24 16:27:04.0±1.6, 7°59'S, 154°89'E, h0km, mb3.6/6, mb1.3/9.8, mb1mx3.7/37, mbtimp3.7/8, ML1.3/1, Error ellipse: s-maj=44.6km s-min=26.2km az=120.0

ISC 24 16:27:09.2±1.2, 7°45'S, 0.1, 154.7E, 0.1, h27km, n9, c132/12, mb3.8/6, Bougainville-Solomon Islands region

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

24d 19h

Table with columns: ZEDA, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tayfur-Gelibol, Chios island, Lapsaki, etc.

ATA 24 18:47:38.8:1.7, 40.04N:39.95E, h26km, 9km, ML1.8, MW3.0

DDA 24 18:47:39.8, 40.00N:39.98E, h7km, 3km, ML1.6

ISK 24 18:47:39.6, 39.99N:40.02E, h11km, ML2.16

ISC 24 18:47:39.9:1.0, 39.98N:40.03:40.00E:0.03, h12km, 9km, n24, c093/35, Turkey

Main table for 24d 19h section, listing stations like BAYB, EUZM, KRIK, etc. with their respective coordinates and parameters.

IDC 24 18:54:08.5:1.3, 15.18S:174.42W, h0km, mb3.9/5, mb1 4.2/5, mb1mx3.7/42, mbtmp3.9/5, Error ellipse: s-maj=5.1km s-min=25.7km az=134.0

NEIC 24 18:54:26.9:1.3, 15.45S:174.50W:0.04, h155km, 10km, mb4.3/9, Error ellipse: s-maj=17.1km s-min=5.2km az=139.0

ISC 24 18:54:26.3:0.8, 15.54S:174.38W:0.10, h150km, n19, c1831/20, mb4.28, Tonga Islands

Table for 24d 19h section, listing stations like AF1, NIUE, URZ, BKZ, WRA, etc. with their respective coordinates and parameters.

IDC 24 18:58:14.9:1.2, 1.17N:96.90E, h0km, mb4.1/2, mb1 4.1/4, mb1mx3.8/56, mbtmp4.1/14, ML3.9/2, MS2.6/1, Ms1 2.6/1, ms1mx2.5/42, Error ellipse: s-maj=35.1km s-min=16.5km az=59.0

NEIC 24 18:58:19.0:1.4, 1.20N:0.07:96.99E:0.06, h2km, 6km, mb4.2/15, Error ellipse: s-maj=9.8km s-min=6.2km az=119.0

DJA 24 18:58:21.8:0.8, 1.1N:4.97E, h27km, 6km, M4.0/12, mb4.3/5, MLV3.9/12

KLM 24 18:58:22.0:1.35N:97.05E, h32km, mb3.9

ISC 24 18:58:19.9:0.7, 1.27N:0.06:97.12E:0.09, h28km, n64, c1818/58, mb4.2/20, Northern Sumatra

Table for 24d 19h section, listing stations like GSI, GSI, SNSI, etc. with their respective coordinates and parameters.

2014 APR

Main table for 2014 APR section, listing stations like MNAI, MDSI, SBUM, etc. with their respective coordinates and parameters.

IDC 24 19:01:52.9:0.9, 29.96N:142.35E, h0km, mb3.5/9, mb1 3.7/13, mb1mx3.6/47, mbtmp3.5/13, ML2.7/4, MS4.0/17, Ms1 4.0/17, ms1mx3.8/46, Error ellipse: s-maj=28.2km s-min=16.3km az=86.0

MOS 24 19:02:07.6:1.5, 30.35N:140.61E, h42km, mb4.5/13, Error ellipse: s-maj=14.2km s-min=6.1km az=118.2

NEIC 24 19:02:08.3:2.2, 30.4N:0.1:140.73E:0.08, h41km, 5km, mb4.6/30, Error ellipse: s-maj=15.8km s-min=9.9km az=178.0

ISC 24 19:02:07.4:0.6, 30.31N:140.07:140.89E:0.07, h35km, n126, c2507/118, mb4.4/47, MS4.1/22, 16C-6D, Southeast of Honshu

Table for 2014 APR section, listing stations like Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHJ2, JHJ, etc.

1758

Main table for 1758 section, listing stations like MDJ, MDJ, MDJ, etc. with their respective coordinates and parameters.

Solution. Moment tensor: Scale 10¹⁷Nm; M_r-3.92; Mw4.73; M_w-0.81; Mw3.12; Mw-3.28; Mw-6.62; Fault plane solution: M9.14000-1017. NP1₃327.00000⁺; 576.00000⁺; λ-64.00000⁺. NP2₃84.00000⁺; 829.00000⁺; λ-149.00000⁺. Principal axes: T 9.0958, Plg26.0000⁺, Azm37.0000⁺; N 0.0801, Plg25.0000⁺, Azm140.0000⁺; P -9.1759, Plg52.0000⁺, Azm267.0000⁺.

NEIC 24 19:52:02.3797S;176.13W,h76km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; M_r-5.43; Mw6.15; M_w-0.72; Mw2.15; Mw-4.96; Mw-6.03; Fault plane solution: M9.97000-1017. NP1₃327.00000⁺; 639.00000⁺; λ-57.00000⁺. NP2₃86.00000⁺; 336.00000⁺; λ-145.00000⁺. Principal axes: T 10.2911, Plg18.0000⁺, Azm34.0000⁺; N -0.6658, Plg30.0000⁺, Azm135.0000⁺; P -9.6253, Plg54.0000⁺, Azm277.0000⁺.

GCMT 24 19:52:02.6.0.1.233.965S;176.14W,h74km,MW5.9/173, Moment Tensor Solution. s166,c366; s173,c524; Duration: 2s3 Moment tensor: Scale 10¹⁸Nm; M_r-0.55±.01; Mw0.61±.01; Mw-0.05±.01; Mw0.21±.01; Mw-0.50±.01; Mw-0.55±.01; Best double couple: M_r-0.99000×10¹⁸ NP1₃327.00000⁺; 638.00000⁺; λ-144.00000⁺. NP2₃327.00000⁺; 639.00000⁺; λ-58.00000⁺. Principal axes: T 1.0260, Plg18.0000⁺, Azm320.0000⁺; N 0.1920, Plg29.0000⁺, Azm135.0000⁺; P -0.9530, Plg55.0000⁺, Azm277.0000⁺. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 24 19:51:59.1.0.3.24.025.0.04:176.56W;0.04, h69km,2km, h70km; pP-P, n1235, e187/1234, mb5.6/251, 74C-79D, South of Fiji Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h m s	Res
RIZ	Raoul Island	5.35	193	Op	ISC	19 54 17.0	0.0
RIZ	Raoul Island	5.35	193	S	ISC	19 54 18.4	+1.8
RAO	Raoul Island	5.36	193	Pn	ISC	19 53 17.0	+0.5
RAO	2μm, 0.3s, baz=72, slow=21, SNR=14			S		19 54 18.6	+1.9
RAO	Raoul Island	5.36	193	Pn		19 55 15.6	-0.9
NIEU	Niue	7.89	53	Pn		19 53 44.1	-7.0
NIEU	Nonsavu	8.03	320	dIP		19 53 58.7	+5.6
MSVF	Nonsavu	8.03	320	P		19 53 59.0	+5.9
AFI	Afiatama	11.02	25	P		19 54 26.5	-7.5
AFI	Afiatama	11.02	25	Pn		19 54 26.5	-7.5
OZU	Omahuta	14.06	215	P		19 55 19.6	-1.0
OZU	Omahuta	14.06	215	P		19 55 19.5	-1.0
MXZ	Matakaoa Point	14.20	197	Pn		19 55 11.2	-5.6
MXZ	Matakaoa Point	14.20	197	S		19 55 08.8	-7.9
MXZ	Matakaoa Point	14.20	197	S		19 57 40.7	-12
WCZ	Waipu Cavities	14.25	211	P		19 55 22.6	0.0
WMGZ	Waiomatani S	14.42	196	P		19 55 11.5	-8.0
WMGZ	Waiomatani S	14.42	196	S		19 57 43.2	-15
HAZ	Te Kaha	14.53	198	P		19 55 12.0	-8.9
PKGZ	Pakihiroa	14.57	197	S		19 55 12.5	-9.1
PKGZ	Pakihiroa	14.57	197	S		19 57 48.1	-14
PUZ	Puketitii	14.70	196	P		19 55 14.6	-8.5
PUZ	Puketitii	14.70	196	S		19 57 51.5	-13
RUGZ	Raukumara Rang	14.75	198	P		19 55 15.5	-8.5
WHRZ	Whale Island	14.86	200	Pn		19 55 23.2	-2.2
OPRZ	Ohineanea	14.93	201	P		19 55 23.9	+2.1
TKGZ	Te Karaka	15.15	197	P		19 55 22.7	-6.2
TKGZ	Te Karaka	15.15	197	S		19 58 01.1	-15
EDRZ	Edgecumbe	15.17	201	P		19 55 33.2	+0.4
URZ	Urewera	15.19	199	P		19 55 23.9	-5.6
URZ	3.3nm, 0.3s, baz=259, slow=5.2, SNR=21			S		19 58 02.9	-14
URZ	15nm, 0.3s, baz=17, slow=19, SNR=3.0			Pn		19 55 22.5	-7.0
URZ	Urewera	15.19	199	Iamb		19 55 36.4	
URZ	comp=Z, 2.09nm, 0.6s			Iamb		19 55 36.4	
URZ	Urewera	15.19	199	P		19 55 21.4	-8.1
KARZ	Kaharoa	15.25	202	P		19 55 31.0	+0.7
OMRZ	Omania	15.29	202	P		19 55 33.7	-0.5
RAGZ	Rawiri	15.32	198	P		19 55 25.5	-5.7
HLRZ	Highlands Stat	15.43	192	P		19 55 27.9	+2.1
MURZ	Murupara	15.50	200	P		19 55 24.9	+1.6
HSRZ	Hossack Road	15.52	202	P		19 55 37.7	+1.0
RTZ	Ruatahuna	15.56	199	P		19 55 28.9	-5.4
PRGZ	Parituro Road	15.59	196	P		19 55 29.9	-4.8
GRZ	Galatos Road	15.60	202	P		19 55 39.3	+1.7
SHRZ	Shannon Statio	15.61	198	P		19 55 31.9	-5.9
KNZ	Kokohu	15.74	197	P		19 55 27.9	-8.6
RAR	Rarotonga	15.75	83	P		19 55 32.3	-4.4
RAR	comp=Z, 2.26nm, 0.3s, baz=241, slow=7.8, SNR=24			S		19 58 08.0	-23
RAR	comp=Z, 7.7nm, 18.5s, baz=264, slow=36			LR		20 01 37.2	
RAR	Rarotonga	15.75	83	Pn		19 55 32.5	-4.2
RAR	comp=Z, 7.09nm, 0.8s			Pmax		19 55 32.5	-4.2
RAR	Rarotonga	15.75	83	P		19 55 32.5	-4.2
DZM	Mont Dzumac	15.77	274	ePn		19 55 43.2	+3.5
DZM	comp=Z, 1.4μm, 23.7s			eLQ		19 58 46.0	
DZM	comp=Z, 3.4μm, 29.4s			eLR		19 59 27.0	
DZM	comp=Z, 4.0nm, 0.3s, baz=99, slow=14, SNR=51			P		19 55 43.0	+3.4
DZM	comp=Z, 4μm, 21.5s, baz=98, slow=28			LR		19 59 18.7	
TLZ	Tolley Road	15.78	203	P		19 55 38.9	-0.8
MHGZ	Mahia Peninsula	15.80	196	P		19 55 29.4	-8.0
RAHZ	Arahi	15.81	198	P		19 55 37.3	-0.1
MTHZ	Mauangataniwha	15.81	198	P		19 55 37.3	-0.1
WHHZ	Waihui	15.91	198	P		19 55 35.9	-2.8
FUNA	Funafuti	15.93	345	P		19 55 38.6	-0.4
MRHZ	Matea Rd	15.93	200	P		19 55 40.1	-1.2
WATZ	Wairara	16.05	202	P		19 55 42.3	-0.3
NMHZ	Naumai	16.05	199	P		19 55 34.4	-6.2
RAHZ	Rangitukua	16.05	199	P		19 55 34.4	-6.2
HIZ	Hauti	16.20	205	P		19 55 39.1	-3.2
HIZ	Hauti	16.20	205	P		19 55 46.0	+1.8
BKZ	Black Stump Fm	16.21	200	P		19 55 38.9	-3.7
RITZ	Rihia Road	16.25	202	P		19 55 42.0	-4.9
WCHZ	Wichu Hill	16.41	202	P		19 55 40.0	-3.9
WTWZ	West Tongariro	16.45	202	P		19 55 44.1	-1.6
TWVZ	Taurewa	16.47	202	P		19 55 44.0	-1.8
CKHZ	Cape Kidnapper	16.50	198	P		19 55 41.1	-5.0
NGZ	Ngauruhoe	16.51	202	P		19 55 47.4	-0.5
FWVZ	Far West T-bar	16.60	202	P		19 55 45.0	-2.5
BHZ	Black Hill Sta	16.65	200	P		19 55 41.0	-6.9
MOVZ	Moawhango	16.67	201	P		19 55 42.6	-5.7
KAHZ	Kaharanaki	16.68	198	P		19 55 41.4	-6.9
KRHZ	Keruru	16.69	199	P		19 55 41.5	-7.0
PKVZ	Pokaka	16.70	202	P		19 55 48.0	-0.6
PKZ	Pawani	16.91	198	P		19 55 45.7	-5.3
PUKZ	Pukenui	16.92	199	P		19 55 46.5	-5.1
WPHZ	Waipukurau	17.06	199	P		19 55 52.5	-0.4
PRHZ	Porangahau	17.19	198	P		19 55 48.5	-6.0
TSZ	Takapari Road	17.20	200	P		19 55 49.4	-5.3
WAZ	Wanganui	17.24	202	P		19 55 52.4	-2.8
DVHZ	Dannevirke	17.35	199	P		19 55 52.9	-3.7
POWZ	Post Office Ro	17.35	200	P		19 55 46.7	-2.7
PRWZ	Porirua Road	17.65	199	P		19 55 56.9	-3.2
BFZ	Birch Farm	17.68	198	P		19 55 53.8	-6.9
CPWZ	Castlepoint	17.91	198	P		19 56 02.0	-1.0
TRWZ	Traveller	18.51	199	P		19 56 06.1	-3.5
PAWZ	Paruwha Farms	18.57	199	P		19 56 08.5	-1.9
MSWZ	Mokau Station	18.65	200	P		19 56 05.0	-6.3
SNZS	South Karori	18.73	201	P		19 56 05.3	-6.7
BHW	Baring Head	18.77	200	P		19 56 07.0	-5.5
PLWZ	Palliser	18.79	199	P		19 56 06.9	-6.0
PLWZ	Palliser	18.79	199	P		19 56 09.6	-3.3
TUWZ	Tuamamoa	19.03	201	P		19 56 11.2	-5.0
QRZ	Quartz Range	19.10	206	P		19 56 12.9	-3.2
NNZ	Nelson	19.11	204	P		19 56 09.7	-6.5
CMWZ	Cape Campbell	19.29	201	P		19 56 15.0	-3.2
BSWZ	Blackbirch Sta	19.37	202	P		19 56 16.3	-2.8
THZ	Tophouse	19.76	202	P		19 56 21.6	-5.8
KHZ	Kahutara	20.11	202	Iamb		19 56 21.8	-5.5
KHZ	comp=Z, 1.84nm, 0.7s			Iamb		19 56 27.4	
LTZ	Lake Taylor	20.88	204	P		19 56 31.9	-3.5
OKZ	Oxford	21.43	203	P		19 56 36.8	-4.5
PAWZ	Queen's Vail	21.63	203	P		19 56 38.7	-4.7
KNTN	Kanton	21.63	13	P		19 56 40.4	-3.2

KNTN	comp=Z, 2.12nm, 0.7s			Iamb		19 56 45.9	
RPZ	Rata Peaks	22.13	204	P		19 56 44.0	-4.8
RPZ	comp=Z, 2.7nm, 0.7s, baz=42, slow=2.5, SNR=13			S		20 00 33.6	-15
RPZ	comp=Z, 5.2nm, 0.7s, baz=66, slow=20, SNR=8.4			LR		20 05 35.9	
RPZ	comp=Z, 1.1μm, 20.0s, baz=41, slow=37			P		19 56 44.6	-4.2
RPZ	Rata Peaks	22.13	204	P		19 56 49.0	-3.4
FOZ	Fox Glacier	22.46	207	Iamb		19 56 57.2	
FOZ	comp=Z, 1.40nm, 0.7s			P		19 56 54.4	-3.9
LBZ	Lake Benmore	23.03	205	P		19 56 57.7	-4.5
ODZ	Olahu Downs	23.42	203	P		19 57 03.1	-2.5
WKZ	Wanaka	23.85	206	P		19 57 10.8	-2.5
MLZ	Mavora Lakes	24.66	207	P		19 57 13.6	-1.2
TBI	Tubuai	24.81	94	eP		20 01 24.5	-8.2
TBI	comp=Z, 3.17nm, 1.3s			S		20 02 04.8	
TBI	comp=Z, 3μm, 36.6s			eLQ		20 02 24.5	
TBI	comp=Z, 1.5μm, 27.4s			eLR		20 03 05.0	
TBI	comp=Z, 2.25μm, 31.5s, baz=258			eLR		20 02 31.3	
TBI	Tubuai	24.81	94	eT		20 22 55.1	
PAE	Paea	25.97	81	eT		20 22 55.1	
PPT2	comp=Z, 143nm, 0.3s			eP		19 57 24.3	-1.4
PPT2	comp=Z, 156nm, 1.4s			eS		20 01 43.0	-8.6
PPT2	comp=Z, 5μm, 38.5s			eLQ		20 02 28.6	
PPT2	comp=Z, 2.1μm, 28.2s			eLR		20 03 34.4	
PPT2	comp=Z, 3.9μm, 31.2s, baz=248			eT		20 22 58.6	
PPT2	Papeete	26.00	81	eT		19 57 26.1	+0.4
PPT2	comp=Z, 1.12nm, 0.3s			P		19 57 26.2	-1.4
TIAR	Tiarei	26.21	81	eP		20 23 42.9	
TIAR	Tiarei	26.21	81	eT		20 23 27.9	
TIOV	Tarava	26.23	82	eT		20 23 27.9	
HNR	Honiara	26.70	299	P		19 57 32.1	+0.2
HNR	comp=Z, 1.08nm, 0.7s, baz=254, slow=0.5, SNR=7.3			LR		20 06 32.6	
HNR	comp=Z, 3μm, 19.1s, baz=142, slow=33			P		19 57 32.3	+0.3
HNR	Honiara	26.70	299	P		19 57 32.3	+0.3
HNR	Honiara	26.70	299	Iamb		19 57 58.5	
HNR	Honiara	26.70	299	Iamb		19 57 58.5	
TARA	Tarawa	27.21	336	P		19 57 36.8	+0.3
TARA	comp=Z, 2.35nm, 0.9s			Iamb		19 57 47.4	
MEH	Mehetia	27.27	83	eT		20 25 15.1	
PMOR	Pomariooro Res	28.42	77	eT		20 26 56.0	
VAH	Vaihoo	28.					

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KCP Kidapawan, TTSI Tana Toraja, SKMP Bagumbayan, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like YSS Yuzh-Sakhalins, SMMC Simons, PET Petropavlovsk, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like GSC Goldstone, GSC Goldstone, MPMC Manual Probes, etc.

24d 22h

Table with columns: WTP, Ta-pu, 0.61 215 eP, Pb, 22 23 32.5 -0.6, etc. Lists various stations and their associated data points.

2014 APR

Table with columns: TWH, Lutao, 1.12 157 eP, Pn, 22 23 40.6 -0.5, etc. Lists various stations and their associated data points.

1768

Table with columns: MATB, Ma-tsu, 2.58 339 eP, Pn, 22 23 59.6 -1.4, etc. Lists various stations and their associated data points.

Station information and coordinates: IDC 24 22:49:47.9, 1.1, 22:68N, 95:89E, h0km, mb3.8/10, mb1.3/11, mb1mx3.6/39, mbtmp3.7/11, ML4.1/1, MS3.3/2, etc.

Main station data table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Lists numerous stations like SHL, SHH, SHS, etc.

Summary table for TAP 24 22:54:48.8, 23:23N, 120:53E, h7km, MLO.5, B, Taiwan. Lists station codes and their associated data.

Table with columns: SKT, Iamb, Iamb, 02 09 24.9, etc. Includes stations like SONMG, MK31, MKAR, etc.

IDC 25 02:04:45.5:0.5, 52.10N:176.38E, h0km, mb4.5/32, mb1.4/6/35, mb1mx4.6/42, mbtmp4.5/35, MLS:0.2, MS3.7/21, Ms1.3/7.21, ms1mx3.5/48, Error ellipse: s-maj=15.5km s-min=7.7km az=109.1

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc. Includes stations like SMY, TASE, TAFP, etc.

Main table with columns: SKT, Iamb, Iamb, 02 09 24.9, etc. Includes stations like IMAR, RC01, BPTH, etc.

Table with columns: MJAR, LR, LR, 02 24 27.0, etc. Includes stations like MAJO, MAT, MSHR, etc.

25d 2h

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like PDAR Pinedale Array, PSUT Pine Spring, GSC Goldstone, etc.

2014 APR

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like GYA comp=Z,10.0nm,0.5s, GYA comp=Z,100nm,3.5s, etc.

1774

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like MIAR Mount Ida, N48A Decatur, G53A Haliburton, etc.

J57A	Williamstown	66.33	49	P	P	02 15 34.6	-1.1
PLAL	Pickwick Lake	66.48	63	P	Iamb	02 15 35.4	-1.4
PLSA	comp-Z,7.6nm,0.8s					02 15 36.2	-0.6
M55A	Ridgway	66.48	52	P	P	02 15 36.2	-0.6
D62A	Allapoint, All	66.56	43	P	P	02 15 36.1	-1.0
L56A	Greenwood	66.56	51	P	P	02 15 36.5	-0.7
I58A	Old Forge	66.59	48	P	P	02 15 36.3	-1.1
U49A	Red Boiling Sp	66.60	60	Iamb	Iamb	02 15 37.5	
K57A	Scipio Center	66.61	50	P	P	02 15 36.6	-0.9
V48A	Smith Brothers	66.61	62	Iamb	Iamb	02 15 37.3	
Q52A	Bidwell	66.61	56	P	P	02 15 36.6	-1.0
NB201	NORSAR Array S	66.65	352	P	P	02 15 37.0	-0.4
O54A	Avella	66.66	54	P	P	02 15 36.9	-1.0
NB2	NORSAR Subarra	66.66	352	P	P	02 15 37.2	-0.4
NOA	NORSAR Array B	66.66	352	P	P	02 15 36.9	-0.7
P53A	Whipple	66.67	55	P	P	02 15 37.1	-0.9
J58A	Remsen	66.70	49	P	P	02 15 37.0	-1.1
T50A	Nancy	66.72	59	Iamb	Iamb	02 15 38.4	
M56A	Emporium	66.76	52	P	P	02 15 37.8	-0.9
N55A	Hurricane Center	66.80	53	P	P	02 15 38.5	-0.9
SHL	Shillong	66.94	282	P	P	02 15 39.5	-0.6
J59A	Piesco	66.98	48	P	P	02 15 38.6	-1.3
K58A	Earlville	66.99	50	P	P	02 15 39.4	-0.5
L57A	Andrews Acres	67.00	51	P	P	02 15 39.5	-0.6
ZAIG	Zacatecas	67.01	82	P	Iamb	02 15 40.8	+0.1
I59A	Olmsteadville	67.02	48	P	P	02 15 39.3	-0.8
Q53A	Leroy	67.07	56	P	P	02 15 39.6	-1.0
V5U	Vasula	67.12	343d	P	Pmax	02 15 40.4	-0.1
N56A	West Decatur	67.13	52	P	P	02 15 40.5	-0.4
O55A	Ligonier	67.17	54	P	P	02 15 40.6	-0.6
R53A	Hurricane	67.25	57	P	P	02 15 41.2	-0.5
BINY	Binghamton	67.26	50	P	P	02 15 41.1	-0.6
H61A	Lyndonville	67.32	46	P	P	02 15 41.2	-0.8
E63A	Oxbow	67.34	43	P	P	02 15 41.2	-0.9
M57A	Sunshine Farm	67.38	51	P	P	02 15 41.8	-0.6
G62A	West of Eustis	67.39	45	P	P	02 15 41.8	-0.7
P55A	Reedsville	67.44	54	P	P	02 15 42.2	-0.7
L58A	Harry Jones Me	67.45	50	P	P	02 15 42.5	-0.4
SWET	Sewanee	67.48	61	Iamb	Iamb	02 15 42.9	
O56A	Blue Knob Stat	67.49	53	P	P	02 15 42.0	-1.2
SSPA	Standing Stone	67.55	52	P	P	02 15 43.2	-0.4
SSPA	Standing Stone	67.55	52	P	P	02 15 43.1	-0.4
E64A	Bridgewater	67.59	42	P	P	02 15 42.8	-0.9
N57A	Milroy	67.62	52	P	P	02 15 43.5	-0.5
H62A	Milan	67.63	46	P	P	02 15 43.1	-0.9
J60A	Lant Hill Farm	67.65	48	P	P	02 15 43.4	-0.7
CHTO	Chiang Mai	67.66	272	P	Iamb	02 15 43.7	-0.8
M58A	Price's Panora	67.67	51	P	P	02 15 43.6	-0.7
Q55A	Buckhannon	67.70	55	P	P	02 15 43.8	-0.8
L59A	Walton	67.72	50	P	P	02 15 43.5	-1.1
F64A	Sherman	67.82	43	P	P	02 15 44.3	-0.8
BTK	Batken	67.83	307	P	Iamb	02 15 45.4	-0.4
R54A	Victor	67.86	56	P	P	02 15 44.7	-0.8
V51A	Loudon	67.89	60	Iamb	Iamb	02 15 46.0	
CM31	Chiang Mai Arr	67.93	272	P	Iamb	02 15 45.9	-0.4
CMAR	Chiang Mai Arr	67.93	272	P	Iamb	02 15 45.9	-0.4
CMAR	comp-Z,2.3nm,0.4s,baz=25,slow=7.2,SNR=14					02 147 28.2	
P56A	Dayton Farm, R	67.94	54	P	P	02 15 45.5	-0.5
N58A	Sunbury	67.96	52	P	P	02 15 45.5	-0.6
T53A	Wise	67.97	58	P	P	02 15 45.5	-0.8
J61A	Chester	67.97	47	P	P	02 15 44.8	-1.3
S54A	Dingess, Beckl	67.98	57	P	P	02 15 45.6	-0.8
O57A	Amberson	68.00	53	P	P	02 15 45.3	-1.0
M59A	Waymart	68.03	50	P	P	02 15 46.0	-0.6
TAPN	Taplejung	68.11	287	P	P	02 15 48.1	+0.5
OBN	Obninsk	68.13	336f	P	P	02 15 47.0	+0.2
OBN						02 15 51.3	
OBN						02 16 19.7	
OBN						02 24 51.0	+7.3
OBN						02 32 10.0	
OBN	comp-Z,1.8nm,1.0s				MLR		
OBN	comp-Z,1.23nm,17.0s				MLR		
OBN	Obninsk	68.13	336	P	Iamb	02 15 46.3	-0.6
FPAL	Fort Payne	68.16	62	P	Iamb	02 15 47.1	
K61A	Williamstown	68.17	48	P	P	02 15 46.5	-0.9
KONO	Kongsberg	68.17	353f	P	Pmax	02 15 47.8	+0.7
N59A	State Game Lan	68.36	51	P	P	02 15 48.0	-0.6
N59A	State Game Lan	68.36	51	Iamb	Iamb	02 15 48.8	
J62A	Henniker	68.40	47	P	P	02 15 48.0	-0.7
T54A	Tazewell	68.41	57	P	P	02 15 48.2	-0.9
O58A	Lewisberry	68.41	52	P	P	02 15 47.7	-1.2
M55A	Lewisburg	68.42	56	P	P	02 15 48.4	-0.7
SRS1	Marisa	68.50	241	P	P	02 15 50.7	+1.0
SANI	Sanana	68.50	236	P	P	02 15 49.6	-0.2
LRAL	Lakeview Reto	68.53	64	P	P	02 15 48.4	-1.3

O59A	Robesonia	68.62	52	P	P	02 15 49.7	-0.6
ODAN	Odare	68.67	286	eP	P	02 15 51.3	+0.3
U54A	Nelsons Funny	68.69	58	P	P	02 15 50.3	-0.6
N60A	Cedar Hill Far	68.71	50	P	P	02 15 50.1	-0.7
P58A	Pank, Wackersv	68.72	53	P	P	02 15 50.0	-0.9
GUN	Gumba	68.78	288	eP	P	02 15 52.2	+0.4
JIRN	Jiri	68.78	288	eP	P	02 15 52.4	+0.5
BLA	Blacksburg	68.89	56	P	P	02 15 51.3	-0.8
GAR	Garm	68.89	307	P	P	02 15 51.5	-0.6
Q58A	Fox Den Farm,	68.95	53	P	P	02 15 51.3	-1.0
Z50A	Ashland	68.96	63	P	P	02 15 51.0	-1.4
Z50A	Ashland	68.96	63	Iamb	Iamb	02 15 51.6	
S56A	Natural Bridge	68.97	56	P	P	02 15 51.7	-0.8
O60A	Telford	69.00	51	P	P	02 15 51.7	-0.9
R57A	Stardrville	69.02	54	P	P	02 15 52.3	-0.5
P59A	Jarrettsville	69.05	52	P	P	02 15 52.1	-0.8
RAMN	Ramite	69.07	287	eP	P	02 15 53.9	+0.4
U55A	TA2, Sparta	69.11	57	P	P	02 15 52.6	-0.8
V54A	Nebo	69.19	58	P	P	02 15 53.1	-0.8
KKN	Kakani	69.22	289	eP	P	02 15 54.8	+0.4
BG3	Lake Jocassee	69.26	60	Iamb	Iamb	02 15 54.2	
PKI	Pulchok	69.31	288	eP	P	02 15 55.5	-0.5
PKIN	Pulchok	69.31	288	eP	P	02 15 55.1	+0.1
LUWI	Luwu	69.33	239	P	P	02 15 53.9	-1.0
GKN	Gorkha	69.43	289	eP	P	02 15 53.8	-0.1
DMN	Daman	69.45	289	eP	P	02 15 56.3	+0.4
Y52A	Lilburn	69.51	61	P	P	02 15 55.3	-0.6
Y52A	Lilburn	69.51	61	Iamb	Iamb	02 15 56.0	
V55A	Taylorville	69.52	58	P	P	02 15 55.2	-0.7
U56A	King	69.57	57	P	P	02 15 55.8	-0.4
O61A	Allentown	69.58	51	P	P	02 15 55.5	-0.6
W54A	Cherokee Point	69.59	59	P	P	02 15 55.6	-0.8
R58B	Mineral	69.60	54	P	P	02 15 55.8	-0.6
T57A	Hurt	69.65	56	P	P	02 15 55.6	-1.0
DANN	Dangsing	69.69	290	eP	P	02 15 57.8	+0.4
M63A	Gales Ferry	69.73	48	P	P	02 15 56.6	-0.6
MPSI	Mapaga	69.73	243	P	P	02 15 57.5	+0.2
CHGR	Chuyangang	69.73	307	P	P	02 15 56.7	-0.6
S58A	Poland Farm, P	69.79	55	P	P	02 15 56.7	-0.4
X54A	Belton	69.90	60	P	P	02 15 57.8	-0.8
V56A	Mocksville	69.92	57	P	P	02 15 58.0	-0.3
KM5C	Kings Mountain	70.00	58	P	P	02 15 57.8	-1.0
KM5C	Kings Mountain	70.00	58	Iamb	Iamb	02 15 58.8	
U57A	Blanch	70.05	56	P	P	02 15 58.3	-0.8
T58A	Grand View Acr	70.06	55	P	P	02 15 58.5	-0.7
GOGA	Gogay	70.18	61	P	P	02 15 59.4	-0.6
KOLN	Koldanda	70.21	290	eP	P	02 16 00.6	+0.1
PYUN	Piuthan	70.32	290	eP	P	02 16 01.5	+0.3
X55A	Gracelyn & Ava	70.35	59	P	P	02 15 59.8	-1.2
T59A	Double "B" Far	70.53	55	P	P	02 16 01.4	-0.7
Y55A	Saluda	70.64	60	P	P	02 16 02.2	-0.6
V58A	Windy Hill, Pi	70.65	57	P	P	02 16 02.1	-0.7
X56A	White Oak	70.65	59	P	P	02 16 02.1	-0.7
W57A	Gilead	70.69	58	P	P	02 16 02.3	-0.8
V59A	Middlesex	71.12	56	P	P	02 16 05.2	-0.4
W58A	Raeofur	71.19	57	P	P	02 16 05.5	-0.5
TAOE	Nuku Hiva Isla	71.19	134	eLR	LR	02 37 36.5	
Z56A	Williston	71.37	60	P	P	02 16 06.6	-0.6
X58A	Rowland	71.49	57	P	P	02 16 07.5	-0.4
NIL	Nilore	71.51	301	P	P	02 16 08.2	+0.1
NIL	Nilore	71.51	301	Iamb	Iamb	02 16 09.4	
Z57A	Bowman	71.75	59	P	P	02 16 08.9	-0.6
Y58A	Scranton	71.82	58	P	P	02 16 09.1	-0.8
W60A	Pink Hill	71.94	56	P	P	02 16 10.0	-0.6
157A	Early Branch	72.07	60	P	P	02 16 11.0	-0.3
TTSI	Tana Toraja	72.59	241	P	P	02 16 15.1	+0.5
KBL	Kabul	73.00	304	P	P	02 16 15.8	-1.4
PMOR	Pomarioire Ree	73.61	144	eT	T	03 36 48.9	
BSEG	Bad Segeberg	73.77	351	eP	P	02 16 21.7	+0.6
AKASG	Malin Array Be	73.93	339	P	P	02 16 21.4	-0.7
AKASG	Malin Array Be	73.93	339	eP	P	02 16 21.6	-0.5
AKASG	Malin Array Be	73.93	339	eP	Pmax	02 16 21.6	-0.5
AKASG	Malin Array Be	73.93	339	P	P	02 16 21.6	-0.5
AKASG	Malin Array Be	73.93	339	Iamb	Iamb	02 16 22.5	
KSM	Kuching	74.25	252	P	P	02 16 24.5	0.0
KAPI	Kappang	74.27	240	P	P	02 16 25.1	+0.5
GOF	Gofitskoje	75.26	328f	eP	P	02 16 30.8	+0.9
PPT	Papeete	75.39	146	LR	LR	02 41 51.4	
PPT2	Papeete2	75.41	146	eLR	LR	02 39 55.8	
PPT2	Papeete2	75.41	146	eT	T	03 39 02.7	
MTN	Manton Dam	75.45	226	P	Iamb	02 16 31.1	-0.1
PAE	Paea	75.48	146	eT	T	03 39 07.0	
GEYT	Alibek	75.50	314	P	P	02 16 31.8	+0.3
GEYT	Alibek	75.50	314	LR	LR	02 54 16.7	
GEYT	Alibek	75.50	314	P	P	02 16 31.4	0.0
GYA0B	ALIBECK ARRAY	75.50	314	Iamb	Iamb	02 16 37.2	
IBBN	Ibneburen	75.60	353	eP	P	02 16 32.3	+0.6
CLZ	Clausthal	75.84	351	eP	P	02 16 33.6	+0.4
LVV	L'vov	75.84	342	eP	P	02 16 32.9	-0.3

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like Muntele Rosu, Muntele Rosu, Muntele Rosu, etc.

PGC 25 02:16:40.1, 3.0, 50.89N, 139.05W, h10km, MLN3n6/5, MW4.3/5, 559km Wst of Sandspit, Bc West Of Vancouver Island, West of Vancouver Island

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like Vib Van Inlet, Dawson Inlet, Barry Inlet, etc.

IDC 25 02:56:34.9, 35.48N, 21.73E, h21km, 3km, ML4.4/12 Error ellipse: s-maj=4.8km s-min=0.8km az=224.0

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like VTN Vitineika, DRO Drossia, DRO Drossia, etc.

THE 25 02:56:34.9, 35.48N, 21.73E, h21km, 3km, ML4.4/12 Error ellipse: s-maj=4.8km s-min=0.8km az=224.0

Main table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like PYL PYLOS, ANKY Antikythira Is, VLI Velia, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like KLV comp=N,5061um,1.3s, MHLO comp=N,4653um,0.9s, etc.

Table with columns: ECH, Echery, comp-Z, 16.55 324, Iamb, Iamb, 03 00 43.3, MOX, Moxa, 16.72 338, ePn, Pn, 03 00 28.3 +0.6, etc.

Table with columns: RSBS, Rosebush, Pemb, 24.90 319, eP, P, Iamb, 03 01 55.4 -0.3, HFS, Hagfors, 25.12 351, P, P, 03 01 57.1 -0.6, etc.

Table with columns: KSH, comp-Z, 6.47nm, 9.9s, LR, LR, KSH, comp-Z, 8.0nm, 9.3s, Spitsbergen Ar, 42.78 358, eP, P, 03 04 29.2 -0.8, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include HDA, WRH, KSAR, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include PB07, PB07, G001, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include DUG, TBI, PDAR, etc.

ROM 25 02:57:39.7-0.1,43.453N,0.0003:12.450E,0.0005, h7km, ML0.5/2,3, Error ellipse: s-maj=0.3km

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include ATPI, ATVO, PIEI, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include LVC, LVC, LVC, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include YKA, DZM, KBZ, etc.

SJA 25 03:01:33.8-0.9,20.293S:71.08W, h14km, 5km, ML4.5, MW4.6

NEIC 25 03:01:37.7-2.4,20.265S:0.101:70.91W,0.07, h15km, 3km, mb4.7i6i, Mw4.6, ML4.6(GUC), Error ellipse:

NEIC 25 03:01:37.1,20.303S:70.93W, h17km, Moment Tensor Solution. Moment tensors: Scale 10^15Nm; Mr:2.9;

GUC 25 03:01:38.7-0.8,20.285S:70.98W, h38km, 3km, ML4.6 VAO 25 03:01:40.3-0.9,20.155S:70.87W, h42km, 6km, mb4.5

H03N2 Juan Fernandez 19.41 207 T T 03 20 31.2

H03N3 Juan Fernandez 14.92 207 T T 03 20 33.1

PLCA Paso Flores 20.41 179 P Pn 03 06 15.6 +0.3

PLCA Paso Flores 20.41 179 P Pn 03 06 15.7 +0.3

PLCA Paso Flores 20.41 179 P Pn 03 06 15.8 +0.3

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include TA02, TA01, PATCX, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include SALV, C25B, TRCB, etc.

PRE 25 03:04:51.6-1.3,28.585S:32.09E, h5km, ML2.5

NAM 25 03:04:52.3-1.7,28.433S:32.42E, h10km, M04.8

ISC 25 03:04:52.3,28.495S:0.08:32.1E,0.1, h10km, n13, #256/23, South Africa

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Rows include KSD, KSD, PRYS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PVY, TIR, ULC, etc.

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

UTC 25 03:08:09.6:2.7, 6.60S; 130.68E, h65km, 26km, mb4.3/1, mb1 4.4/5, mb1mx3.7/36, mbtmp4.5/5, ML4.4/4, Error ellipse: s-maj=62.2km s-min=21.8km az=84.0

DJA 25 03:08:14.5:0.4, 6.5S, 131.1E, h97km, M4.4/7, MB5.2/3, mb4.7/1, MLV4.3/7, Mw(m)B.6/3

ISC 25 03:08:11.4:0.7, 6.46S; 0.04:130.85E; 0.09, h100km, m28, z5262/35, Banda Sea

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

UCR 25 03:09:55.3:1.3, 9.65N, 84.09W, h59km, 2km, MD3.6, 1C, Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LCR2, LCR2, EDDO, etc.

UTC 25 03:10:20.0:1.4, 11.31S; 162.83E, h0km, mb3.9/4, mb1 4.1/6, mb1mx3.8/38, mbtmp3.9/6, ML4.0/2, MS2.9/1, Ms1 2.9/1, ms1mx2.4/28, Error ellipse: s-maj=52.3km

ISC 25 03:10:25.2:0.9, 11.4S; 0.2:162.6E; 0.2, h39km, m13, s1507/8, mb3.8/4, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like H11N3, H11N2, ILAR, etc.

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

UTC 25 03:19:13.6:12.0, 5.44S; 103.23E, h0km, mb3.6/3, mb1 3.6/3, mb1mx3.4/44, mbtmp3.6/3, Error ellipse: s-maj=696.0km s-min=31.7km az=53.0, Southern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like H08S2, H08S3, H08S1, etc.

KRSC 25 03:23:18.0:1.7, 49.03N; 157.04E, h40km, 26km, ML3.9, East of Kuril Islands

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

KEA 25 03:27:43.3:0.0, 40.24N; 123.61E, h0km, ML2.3/2, Northeastern China

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

TRN 25 03:36:29.3, 15.20N; 61.13W, h161km, MD3.9, 1C-1D, Leeward Islands

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G001, PB11, PBCX, etc.

ADC 25 04:36:56.2, 0.1, 17.415x173.53W, h0km, mb4.6/19, mb1 4.8/19, mb1mx4.7/26, mbtmp4.6/19, MS4.8/32, Ms1 4.8/32, ms1mx4.7/41, Error ellipse: s-maj=19.6km s-min=15.4km az=126.0

BUI 25 04:36:57.0, 0.0, 17.405x173.20W, h10km, mb5.3/27, mb5.0/27, Ms5.1/24, Ms7.4/9/23 BGR 25 04:36:58.0, 0.0, 17.495x172.50W, h10km NEIC 25 04:36:59.6, 0.1, 17.385x174.33W, 0.1, h21km, 3km, mb5.1/169, Error ellipse: s-maj=14.6km s-min=10.5km

CGMT 25 04:37:05.6, 0.1, 17.515x173.00W, 0.01, h37km, MW5.4/141, Moment Tensor Solution. s138.c233; s141.c250; Duration: 1s3 Moment tensor. Scale 1017 Nm; Mr:1.61e-02; Mw:0.03e-02; Mo:1.64e-02; Mo:0.41e-02; Mo:0.47e-01; Mo:0.31e-02; Best double couple: Mo:1.76500e+017 NP1:183.00000e+03, 839.00000e+03, 7.220000e+06 NP2:26.00000e+03, 853.00000e+03, 1.104.00000e+06 Principal axes: T 1.7200, P1g77.0000, Azm344.0000; N 0.0900, P1g11.0000, Azm197.0000; P -1.8110, P1g7.0000, Azm106.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular function

ISC 25 04:37:01.7, 0.3, 17.555x173.26W, 0.05, h39km, n04, r156/332, mb5.1/92, MS4.9/43, 25C-3D, Tonga Islands

ISC 25 03:46:43.4, 3.8, 31.15N, 73.87E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.4/42, mbtmp3.6/6, ML3.2/1, Error ellipse: s-maj=87.6km s-min=39.3km az=137.0

ISC 25 03:46:50.0, 0.1, 31.6N, 71.475E, 0.10, h35km, n15, r154/18, mb3.6/5, India-Pakistan border region

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

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

ISC 25 03:47:33.4, 1.8, 11.66S, 162.74E, h0km, mb3.9/7, mb1 4.1/8, mb1mx3.8/34, mbtmp3.9/8, ML4.3/1, MS3.0/1, Ms1 3.0/1, ms1mx2.5/40, Error ellipse: s-maj=50.8km s-min=28.5km az=135.0

ISC 25 03:47:40.2, 0.9, 9.15N, 162.5E, 0.1, h39km, n10, r092/10, mb3.9/7, Bougainville-Solomon Islands region

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

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

NEIC 25 04:28:15.2, 1.1, 24.04S, 0.04, 67.0W, 0.2, h227km, 17km, Error ellipse: s-maj=29.7km s-min=3.4km az=97.0

GUC 25 04:28:18.4, 0.6, 23.99S, 67.30W, h227km, 8km, ML4.2

ISC 25 04:28:16.6, 1.4, 23.96S, 0.07, 67.3W, 0.2, h235km, 15km, n34, r12/48, 2C-8D, Chile-Argentina border region

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTN, MTN, WRKA, KNRA, FITZ, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like WUAZ, HPIG, ELK, USRK, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like comp-Z, 191nm, 19.8s, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like KSH, KSH, KSH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRUC Moravsky, HARR Harsova, DOPPA Dopa, etc.

IDC 25 04:44:43.2±8.4, 20°33'S-171°85'W, h0km, mb3.7/4, mb1 4.1/4, mb1mx3.7/40, mbtmp3.7/4, Error ellipse: s-maj=573.2km s-min=28.9km az=152.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRA Warrungana Arr, NVAR Niina Array Bea, etc.

IDC 25 05:12:39.1±1.0, 52.71°N-03.132°22'W, h0.04, h12km, 6km, n218, s154/244, mb4.1/28, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HG1B Mitchell Dam, BNB Barry Inlet, MOCB Moresby Island, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MASB Masset, NDB Naden, DOPPA Dopa, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GCMT Greycliff, YNE Yellowstone No, H17A Grant Village, etc.

MAN 25 05:14:14.3, 9.77°N-123.90°E, h5km, mb3.8, ML2.6, MS2.1, Negros region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like W58A Raeford, V60A Jim Taylor Roa, V61A Roper, W60A Pink Hill, etc.

SOME 25 06:53:25.1, 39°35N, 78°12E, h5km
NIC 25 06:53:28.0, 1.1, 39°39N, 78°10E, h0km, mb4.2, mpv3.8,
Error ellipse: s-maj=7.1km s-min=6.3km az=158.0

ISC 25 06:53:31.4, 1.9, 39°50N, 079°18.1E, 0.05, h15km, n52,
±168/69, 3C-13D, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ULHL Ulaholj, KZA Kyzart, SATY Saty, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like KOTS Kotrybulak, MTBS Maitube, UCH Jecho, etc.

SJA 25 06:54:06.0, 0.6, 36°81S, 75°13W, h18km, MW4.7
IDC 25 06:54:22.3, 0.9, 36°34S, 73°42W, h0km, mb4.2/7,
mb1 4.0/13, mb1mx4.1/30, mbmp4.2/10, ML4.2/3, MS4.0/13,
s-min1=19.5km az=83.0

GUC 25 06:54:24.0, 0.7, 36°47S, 73°64W, h32km, 4km, ML4.5
NEIC 25 06:54:27.4, 1.4, 36°41S, 06°73W, 0.2, h32km, 4km,
mb4/7, ML4.7(GUC), Error ellipse: s-maj=20.7km
s-min=9.2km az=93.0

ISC 25 06:54:22.8, 1.8, 36°43S, 003°73.62W, 0.07, h3km, 10km,
n119, ±159/108, mb4.7/22, MS4.2/14, 3C-2D, Near coast
of central Chile

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like CCSP San Pedro de C, B103 Tigo, LAJA Laja, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like G005 Huala, G005 Huala, G005 Huala, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like V53A Saluda, V53A Pickwick Lake, V52A Sevierville, etc.

SOME 25 06:54:26.1, 44.75N, 82.17E, h5km, 2C-2D, Northern Xinjiang

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like DJR Jarkent, DJR Jarkent, DJR Jarkent, etc.

IDC 25 06:55:35.2-1.3, 16.82N, 145.97E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/4, mbtmp3.5/4, Error ellipse: s-maj=50.8km s-min=29.1km az=107.0, Mariana Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like WRA Warramunga Arr, MKAR Makanchi Array, ILAR Eielson Array, etc.

IDC 25 06:58:55.1-0.5, 9.81N, 124.19E, h0km, mb4.2/21, mb1 4.3/22, mb1mx4.1/46, mbtmp4.1/22, ML4.4/1, MS3.4/8, MS1 3.4/8, ms1mx3.0/45, Error ellipse: s-maj=22.5km s-min=13.0km az=78.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like BJI 25 06:58:56.0-0.0, 9.79N, 124.08E, h13km, mb4.8/24, mb4.5/34, Ms4.1/4, Ms7.4/0/2

NEIC 25 06:58:57.9-2.0, 10.00N, 09.124E, 01.01, h10km, 1km, mb4.6/35, Error ellipse: s-maj=17.0km s-min=4.0km az=207.0

MAN 25 06:58:57.7, 9.87N, 124.05E, h7km, mb5.2, ML4.2, MS4.3

MAN Intensity IV - Antequera Bohol; Intensity III - Tagbilaran City and Lila Bohol; Intensity II - Cebu City Daguin Bohol

ISC 25 06:58:57.9-0.9, 9.87N, 124.06E, 0.03, h15km, 5km, n132, s1943/153, mb4.5/43, 3C-6D, Mindanao

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like TBP Tagbilaran, LBP Lapu-Lapu, MSLP Maasin, etc.

Main table with columns: BUTP Butuan, PAGZ Pagadian, RCP Roxas, BUKP Musuan, JAP San Jose, etc. Includes station names, coordinates, and status.

Main table with columns: MKAR Makanchi Array, MKAR Kashi, KSH Karatay Array, KSH Karatay Array, etc. Includes station names, coordinates, and status.

IDC 25 07:02:19.2-1.4, 36.39S, 73.65W, h0km, mb3.7/6, mb1 4.0/8, mb1mx3.9/25, mbtmp3.7/8, ML4.2/2, MS4.0/1, Ms1 4.1/1, ms1mx3.1/27, Error ellipse: s-maj=33.1km s-min=21.0km az=24.0

GUC 25 07:02:21.5-0.6, 36.46S, 73.63W, h26km, 6km, ML4.2, NEIC 25 07:02:23.4, 1.4, 36.43S, 0.02, 73.42W, h24km, 5km, mb4.5/19, ML4.2(GUC), Error ellipse: s-maj=21.4km s-min=3.2km az=87.0

ISC 25 07:19:31.1, 6.36S, 40.04W, 73.65W, 0.04, h2km, 10km, LC01 4.195/62, mb4.4/13, 2C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like CCSP San Pedro de C, BI03 Tigo, BI03 Laja, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZALV, Zalesovo Beam, KDJ, Kajisay, DLBC, Dease Lake, etc.

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

PRE 25 07:41:47.8:0.26:105:28:36E,h2km,ML2.3
ISC 25 07:41:47.6:1.1,26:155:0:05:28:38E,0.06,h10km,n14,
a111/16,South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ERPM, east rand prop, PRYS, Parys, KSR, Koester, etc.

IDC 25 07:49:14.5:2.3,6:02S:153.71E,h0km,mb3.5/4,
mb1 3.7/4,mb1mx3.5/4,mbtmp3.5/4, Error ellipse:
s-maj=105.6km s-min=33.0km az=125.0,New Britain
region

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

NEIC 25 07:57:01.8:1.3,21:1S:0:1x179:0W:0:1,h629km,10km,
mb4.2/13, Error ellipse: s-maj=20.0km s-min=17.2km
az=200.0

IDC 25 07:57:02.7:5.7,2:0:83S:179:19W,h635km,63km,mb2.9/7,
mb1 3.3/8,mb1mx3.0/39,mbtmp3.9/8, Error ellipse:
s-maj=107.5km s-min=27.8km az=153.0

ISC 25 07:56:60.0:0.7,21:2S:0:1x179:0W:0:1,h600km,n30,
a1947/32,mb3.9/13, Fiji Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PDAR, Pinedale Array, WMOK, Wichita Mounta, etc.

IDC 25 08:00:48.6:2.8,4:41S:154:35E,h0km,mb3.5/2,
mb1 3.8/3,mb1mx3.5/34,mbtmp3.6/3,ML3.3/1, Error
ellipse: s-maj=59.0km s-min=1.4km az=7.0

NEIC 25 08:01:10.5:1.5,4:5S:0:1x153:55E:0:09,h154km,9km,
mb4.4/7, Error ellipse: s-maj=22.3km s-min=5.7km
az=146.0

ISC 25 08:00:51.3:1.6,4:3S:0:2:154:4E:0:1,h10km,n15,
a213/16,mb4.3/6,Bougainville-Solomon Islands region

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

BUI 25 08:07:10.0:0.0,23:30N:114:47E,h9km,mb4.5/2,
mb4.5/9,ML4.5/9,MS3.9/2,MS7.3/9/5

ISC 25 08:07:09.7:0.8,23:84N:0:05:114:51E:0:07,h10km,n15,
a198/18,2C,Near coast of southeastern China

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GZH, Guangzhou, HKC, Hong Kong Obse, etc.

IDC 25 08:17:55.0:1.8,6:80S:154:77E,h0km,mb3.6/4,
mb1 3.9/4,mb1mx3.6/33,mbtmp3.5/4,MS2.9/2,Ms1 2.9/2,
ms1mx2.5/30, Error ellipse: s-maj=151.0km s-min=26.8km
az=132.0

NEIC 25 08:17:59.2:2.0,7:07S:0:1x154:8E:0:2,h21km,6km,
mb4.4/17, Error ellipse: s-maj=22.6km s-min=12.9km
az=71.0

ISC 25 08:18:02.0:0.7,7:04S:0:09:154:8E:0:2,h39km,n31,
a1924/30,mb4.2/12,Bougainville-Solomon Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GLB, Makanchi, ILAR, Eielson Array, etc.

WEL 25 08:21:06.8,45:59:16:7E:1:1,h33km,M3.7/12,
ML3.7/10,MLv3.7/12, Error ellipse: s-maj=0.0km
s-min=0.0km az=64.0,Off west coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PYZ, Puysegur Point, MSZ, Milford Sound, etc.

KRNET 25 08:37:48.3:0.1,39:24N:72:65E,mb2.7,
SOME 25 08:37:49.7,39:70N:71:75E,h5km
NIC 25 08:37:51.2,1.9,40:31N:73:21E,h0km,mb3.2,mpv2.9,
Error ellipse: s-maj=15.4km s-min=13.0km az=23.0

ISC 25 08:37:51.0:2.4,39:4N:0:1:72:52E:0:06,h10km,n15,
a1879/26,12C-6D,Kyrgyzstan

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

IDC 25 08:38:46.5:3.8,6:45S:154:81E,h0km,mb3.2/2,
mb1 3.5/2,mb1mx3.3/35,mbtmp3.2/2, Error ellipse:
s-maj=183.1km s-min=54.7km az=129.0,
Bougainville-Solomon Islands region

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

IDC 25 08:41:53.3:0.7,16:91S:177:38W,h0km,mb4.4/22,
mb1 4.5/23,mb1mx4.4/24,mbtmp4.4/23,ML3.4/1,MS4.6/37,
Ms1 4.7/37,ms1mx4.6/44, Error ellipse: s-maj=25.7km
s-min=15.0km az=142.0

BUI 25 08:41:58.3:0.0,16:60S:177:50W,h5km,mb5.4/33,
mb5.1/41,MS5.0/28,MS7.4/25

NEIC 25 08:41:58.4:3.0,16:71S:0:09:177:43W:0:07,h10km,1km,
mb5.1/150,Ms 20.4/9203,Mw5.4/GCMT, Error ellipse:
s-maj=114.9km s-min=11.3km az=164.0

GCMT 25 08:42:00.4:0.1,16:27S:0:01:177:49W:0:01,h13km,
MM5.3/141,Moment Tensor Solution, s102c178;
s141,c269; Duration: 1s1 Moment tensor: Scale 1017
Nm; Mw=0.04±0.01; Mw-0.98±0.02; Mw1.02±0.02;
Mw0.06±0.03; Mw0.77±0.01; Mw0.23±0.03; Best double
couple: M1.28000x1017 Np1.9664.00000°,δ83.00000°,
γ6.00000°. NP2.333.00000°,δ84.00000°,γ173.00000°.
Principal axes: T 1.3200,Plg10.00000°,Az=289.00000°;
N -0.8010,Plg80.00000°,Az=113.00000°; P -1.2400,
Plg1.00000°,Az=19.00000°; nslata1 refers to body waves,
cutoff=40s, nslat2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
MOS 25 08:42:01.2:2.2,16:51S:177:83W,h26km,mb5.2/28,
MS4.8/8, Error ellipse: s-maj=10.5km s-min=10.3km
az=158.7

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like TNS5, TNS6, TNS7, etc.

GCG 25 11:26:38.5-0.6, 13.32N-90.31W, h33km, 67km, MD3.7
SNET 25 11:26:39.5-1.1, 13.46N-90.27W, h32km, 3km, ML2.3

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like SBL5, SBL6, RTR, etc.

SOME 25 11:48:36.0, 44.65N-82.27E, h25km
NNC 25 11:48:37.4, 1.4, 44.65N-82.06E, h0km, mb3.7, mpv3.4

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like KTMS, KAPS, MK31, etc.

MOS 25 11:56:56.1-1.1, 27.64N-52.12E, h12km, mb4.5/21, Error ellipse: s-maj=8.0km s-min=4.8km az=94.7

ICD 25 11:56:56.7-0.8, 27.70N-52.20E, h0km, mb4.1/18, mb1 4.2/24, mb1mx4.0/51, mb1mtp4.0/24, ML3.8/6, MS3.6/26, Ms1 3.6/26, ms1mx3.4/46, Error ellipse: s-maj=20.4km s-min=13.7km az=23.0

NEIC 25 11:56:57.2-2.1, 27.74N-52.05E-0.05, h10km, 1km, Error ellipse: s-maj=8.5km s-min=7.1km az=163.0

TEH 25 11:56:59.4, 27.78N-52.07E, h23km, ML4.3, THR 25 11:57:00.3-0.3, 27.85N-52.17E, h24km, 3km, ML4.6

DSN 25 11:57:02.9-0.7, 27.63N-52.33E, h10km, ML4.7/7, Error ellipse: s-maj=11.7km s-min=4.9km az=22.0

OMAN 25 11:57:03.0-1.1, 27.51N-52.02E, h30km, 55km, m4.5/11, Error ellipse: s-maj=102.9km s-min=12.3km az=294.0

ISC 25 11:56:58.1-0.3, 27.72N-52.04E-0.03, h10km, n248, n1542/265, mb4.2/45, MS3.5/21, SC Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like GHIR, JHRM, SHI, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like JHBN, IGAR, KHGB, etc.

25d 12h

Table with columns: CHGR, Station Name, Time, Res, Pn, Iamb, and various numerical data points for stations like Arta Tunnel, Sochi, Garm, Nilore, Keskin Array B, etc.

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Table with columns: CHTO, Station Name, Time, Res, Iamb, and various numerical data points for stations like Chiang Mai Arr, Chiang Mai Arr, etc.

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Table with columns: TOLK, Station Name, Time, Res, P, Iamb, and various numerical data points for stations like Toolik Lake Re, ARCES ARCESS Array B, etc.

25d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR Port Moresby, MKAR Makanchi Array.

IDC 25 15:22:36.51.2, 6.91S: 154.60E, h0km, mb3.9/10, mb1 4.1/11, mb1mx3.9/36, mbtmp3.9/11, ML4.2/1, MS3.3/7, Ms1 3.3/7, ms1mx2.8/43, Error ellipse: s-maj=35.3km s-min=20.7km az=127.0

NEIC 25 15:22:40.2.2.8, 6.92S: 0.09: 154.9E: 0.1, h35km, 2km, mb4.1/9, Error ellipse: s-maj=23.3km s-min=14.6km az=109.0

ISC 25 15:22:42.3.0.8, 6.78S: 0.07: 154.69E: 0.10, h39km, n28, c179/2/9, mb3.9/14, MS3.3/4, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region, listing stations like RABUL Rabaul, KRVT Keravat, HNR Honiara, etc.

DJA 25 15:27:23.2.1.2, 11N: 6.12E, h15km, 12km, M4.0/10, mb3.7/4, mb1.4/7, MLV3.6/10, Mw(MB)4.0/4, Northern Molucca Sea

Table for Northern Molucca Sea region, listing stations like LBMI Labuha, KMSI Cibinong, SANI Sanana, etc.

IDC 25 15:34:33.5.2.7, 6.72S: 155.05E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.4/32, mbtmp3.5/4, ML3.6/1, Error ellipse: s-maj=4.2km s-min=37.4km az=101.0

Bougainville-Solomon Islands region

Table for Bougainville-Solomon Islands region, listing stations like KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 25 15:52:56.8.2.1, 51.94N: 174.42W, h0km, mb3.5/6, mb1 4.0/8, mb1mx3.5/71, mbtmp3.7/8, ML4.2/2, MS5.4/1, Ms1 4.4/1, ms1mx2.6/41, Error ellipse: s-maj=43.8km s-min=29.6km az=20.0

NEIC 25 15:53:03.8.1.5, 51.9N: 0.1: 174.60W: 0.08, h62km, 7km, Error ellipse: s-maj=20.0km s-min=6.4km az=169.0

AEIC 25 15:53:04.5.6.7, 51.9N: 0.1: 174.71W: 0.06, h42km, 6km, ML3.9/4, mb4.0/19(NEIC), Error ellipse: s-maj=15.8km s-min=3.7km az=129.0

ISC 25 15:53:04.3.0.9, 51.9N: 0.2: 174.72W: 0.05, h67km, n45, c139/5/1, mb3.9/7, Andreano Islands

Table for Andreano Islands region, listing stations like ATKA Atka Island, ATOK Mount Kiluchef, KOPF Korovin Flat, etc.

2014 APR

Main table for 2014 APR, listing stations like OKSP Okmok Steeple, MREP Makushin Rep't, UNALASKA Unalakula Vale, etc.

NEIC 25 15:59:55.7.2.5, 33.13N: 0.06: 64.5W: 0.1, h15km, 6km, mb4.2/8, Error ellipse: s-maj=17.2km s-min=8.0km az=97.0

IDC 25 15:59:56.7.1.6, 33.52N: 64.47W, h0km, mb3.7/10, mb1 4.0/11, mb1mx3.7/52, mbtmp3.7/11, ML4.2/1, MS3.2/4, Ms1 3.2/4, ms1mx2.7/38, Error ellipse: s-maj=42.0km s-min=25.2km az=13.0

OTT 25 16:00:05.8.0.6, 33.67N: 64.37W, h18km, ML5.0/5, Atlantic Ocean, 1124km south from Shelburne, NB

ISC 25 15:59:54.9.0.6, 33.02N: 0.06: 64.72W: 0.09, h10km, n65, c178/6/5, mb3.9/10, MS3.2/8, North Atlantic Ocean

Main table for North Atlantic Ocean region, listing stations like BBSR BB Station, BBSA Double 'B' Far, ODNJ Ogdensburg, etc.

Wards Creek

Table for Wards Creek region, listing stations like WCNB Wards Creek, BINY Binghamton, etc.

Wards Creek

Table for Wards Creek region, listing stations like ELNB Elgin, New Br, W57A Gilead, etc.

Wards Creek

Table for Wards Creek region, listing stations like BATG Bathurst New B, S9A Digress Beckl, etc.

1800

Main table for 1800, listing stations like TKL comp=2.14nm, 1.1s, SADO Sadowa, SADO comp=2.10nm, 0.3s, bazz=268, slow=20, SNR=3.9, etc.

IDC 25 16:09:19.7.0.6, 7.09S: 154.85E, h0km, mb4.6/24, mb1 4.7/27, mb1mx3.9/45, mbtmp4.5/27, ML3.0/3, MS3.8/19, Ms1 3.8/19, ms1mx3.6/41, Error ellipse: s-maj=18.3km s-min=14.8km az=120.0

NEIC 25 16:09:26.0.1.6, 7.15S: 0.05: 154.80E: 0.05, h49km, 6km, mb4.9/68, Error ellipse: s-maj=10.1km s-min=3.1km az=138.0

BUI 25 16:09:27.5.0.0, 6.56S: 155.28E, h67km, mb5.0/47, mb2.0/60, MS4.9/24, Ms7 4.6/30

DJA 25 16:09:33.7.0.5, 7.5S: 4.15E, h88km, 5km, M4.7/25, mb4.7/25, mb5.1/10, MLV5.0/3, Mw(MB)4.5/10, MwP4.2/1

ISC 25 16:09:25.9.0.3, 7.09S: 0.05: 154.78E: 0.06, h41km, n161, c155/1/66, mb4.9/73, MS3.9/24, 1C-57D

Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region, listing stations like RABUL Rabaul, KRVT Keravat, HNR Honiara, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NACB Ninganchiao, TAPN Tapejung, and many others.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like ODAN Odare, RAMM Ramite, and many others.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like NEIC 25, ISC 25, and various Vancouver Island stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like TAP 25, TWD Chiawan, and various Taiwan region stations.

25d 16h

Table with columns: NDT, Datong Townshi, 0.96 331 eS, Sn, 16 13 57.7 +0.1, etc.

JMA 25 16:14:02.9,24.43N,123.95E,h0km,M0.5, Southwestern Ryukyu Islands

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

IDC 25 16:14:40.8,9.3,31.24N,85.48E,h0km,mb3.5/2, mb1 3.6/3,mb1mx3.1/5.4,mbtmp3.3/3,ML2.8/1,MS3.9/1, Ms1 3.9/1,ms1mx2.4/4.7, Error ellipse: s-maj=467.3km s-min=46.4km az=69.0, Xizang

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

IDC 25 16:24:35.2,4.6,6.60N,126.39E,h45km,22km,mb3.8/11, mb1 3.9/13,mb1mx3.5/5.3,mbtmp4.0/13,ML3.8/2, Error ellipse: s-maj=41.1km s-min=11.2km az=64.0

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

IDC 25 16:24:36.0,2.4,6.67N,107.126,45E,0.00,h54km,8km, mb4.4/29, Error ellipse: s-maj=13.9km s-min=8.2km az=62.0

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

DJA 25 16:24:38.4,0.5,6.14N,121.6E,h43km,14km,M4.3/13, mb4.4/13,mb4.8/6,MLV4.5/7,MW(m)B4.0/6

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

ISC 25 16:24:36.9,0.8,6.56N,100.04E,126.20E,0.06,h58km,8km, n74,r1598/85,mb4.3/22,C-2D, Mindanao

Main table for the first column containing station data for various locations like MATI, DMPI, KCP, etc.

2014 APR

Main table for the second column containing station data for locations like ASAR, ASAR, MORW, FORT, USA0B, etc.

IDC 25 16:28:52.9,1.4,7.25S,155.09E,h0km,mb4.0/8, mb1 4.2/10,mb1mx3.8/4.6,mbtmp4.0/10,ML1.6/1, Error ellipse: s-maj=13.0km s-min=1.5km az=130.0

ISC 25 16:28:58.5,1.1,7.15S,101.154,9E,0.1,h31km,n11, r1505/12,mb4.0/8,Bougainville-Solomon Islands region

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

NIED 25 16:33:00.23,50N,121.50E,h32km,Mw4.1 Best double couple: M=1.80000x10^15 NP1=196.00000,667.00000, 1.34.00000, NP2=91.00000,859.00000,1.153.00000

IDC 25 16:33:01.8,2.7,23.41N,121.60E,h0km,mb4.0/22, mb1 4.0/25,mb1mx3.9/5.3,mbtmp3.9/25,MS3.6/7, Ms1 3.7/7,ms1mx3.1/5.8, Error ellipse: s-maj=18.5km s-min=14.6km az=74.0

JMA 25 16:33:04.2,0.1,23.48N,121.48E,h18km,3km,M4.3 NEIC 25 16:33:04.9,2.9,23.43N,121.40E,0.04,h21km,5km, mb4.3/21,ML4.5(TAP), Error ellipse: s-maj=6.1km s-min=4.7km az=120.0

BJI 25 16:33:04.6,0.0,23.51N,121.43E,h12km,mb4.5/17, mb2/26,ML4.1/6,Ms4.0/15,Ms7.4/0/15

TAP 25 16:33:05.8,23.55N,121.35E,h18km,ML4.7,B ASIES 25 16:33:05.8,23.54N,121.39E,h20km,MW3.9

ISC 25 16:33:05.6,0.6,23.53N,103.01E,121.41E,0.02,h18km,3km, n235,r1535/343,mb4.1/32,MS3.5/7,15C-25D, Taiwan

Main table for the second column containing station data for locations like HGSD, EHY, EHY, EGHF, YULB, etc.

1802

Main table for the third column containing station data for locations like CHGB, TWD, TWD, SMLT, SMLT, WHF, WHF, TYC, TYC, NACB, NACB, NACB, NACB, DPDB, ETLH, ETLH, CHNS, CHNS, WJS, WJS, STYT, STYT, TWT, TWT, TWT, WNT, WNT, WNT, TDCB, TDCB, TDCB, TPUB, TPUB, TPUB, TPUB, CHN4, CHN4, TWG, TWG, TWG, TWG, TWG, TWG, TWG, TWG, TWG, TTN, TTN, WDLH, WDLH, WDLH, TWH, TWH, WHP, WHP, CHN1, CHN1, SGST, SGST, SGST, SLGT, SLGT, SLGT, TWK, TWK, TWK, NNSB, NNSB, NNSB, NNSH, NNSH, NNSH, NNSH, TAIN, TAIN, NNS, NNS, CHY, CHY, TCU, TCU, ENA, ENA, ENA, WCHH, WCHH, WCHH, ECL, ECL, ECL, WLBG, WLBG, WLBG, NSY, NSY, NSY, SSD, SSD, SSD, CHN3, CHN3, NDT, NDT, NDT, WDJ, WDJ, WDJ, WTCT, WTCT, WTCT

DYR				S	Sb	17 21 15.7 +1.5	comp=N,1950µm,0.6s	SANT		AML	AML	17 22 06.3	RUDO	Rudo	8.22 349	ePn	Pn	17 22 29.7 -0.5
PYL	PYLOS	1.33	4	P	Pb	17 20 57.6 0.0		SANT					BBL5	Lazići	8.46 349	ePn	Pn	17 22 34.7 +1.2
PYL				S	Sb	17 21 18.5 +4.2		SANT	comp=E,2621µm,0.4s				MAKA	Makarska	8.49 337	ePn	Pn	17 22 33.2 -0.6
PYL	6µm,0.9s							SANT	Santorini	3.22	74	↑P	MAKA				Sn	17 20 01.7 -6.7
PYL_OS	PYL_OS	1.33	4	P	Pn	17 20 56.8 +1.3		SANT					BALEI	Balesti	8.55	8	↑P	17 22 36.2 +1.6
ANKY	Antikythira Is	1.41	77	S	Sb	17 20 58.3 -0.5		SANT	Santorini	3.22	74	eP	BALEI		8.61	352	↑Pn	17 22 04.4 -1.2
ANKY	12µm,1.0s					17 21 17.2 +0.8		SANT	Santorini	3.22	74	eP	HAPS	Han Pijesak,BI	8.75	347	ePn	17 22 37.4 -0.1
ANKY	Antikythira Is	1.41	77	P	Pb	17 20 58.0 -0.8		NPS	Neapolis	3.28	94	↑P	PUNG	Pungina	8.76	6	↑P	17 22 38.1 +0.6
ANKY	comp=E,26996µm,1.1s			AML	AML	17 21 24.7		NPS	comp=N,2232µm,0.8s			AML	COPA	Copaceanca	8.99	17	↑P	17 22 42.8 +2.1
ANKY	comp=N,20189µm,0.9s			AML	AML	17 21 25.5		NPS	comp=N,2494µm,0.9s			AML	MDVR	Moldovita	9.20	10	↑P	17 22 45.0 +1.3
VLI	Veliai	1.57	43	P	Pb	17 21 01.4 -0.3		ANAF	Anafi Island	3.46	76	P	MDVR				LS	17 24 20.9 -5.3
VLI	Veliai	1.57	43	P	Pb	17 21 01.3 -0.3		ANAF				AML	AQU	L'Aquila	9.31	319	ePn	17 22 46.2 +1.0
VLI	comp=E,23451µm,0.5s			AML	AML	17 21 24.8		ANAF	comp=N,6674µm,0.5s			AML	AQU	L'Aquila	9.31	319	ePn	17 22 46.2 +1.0
VLI	comp=N,21618µm,0.6s			AML	AML	17 21 30.4		AGG	Agios Georgios	3.50	9	eP	HUMR	Humele	9.31	15	↑P	17 22 45.8 +0.6
ITM	Ithomi	1.63	9	P	Pb	17 21 01.9 -0.8		AGG	Agios Georgios	3.50	9	eP	HERR	Herculeane	9.32	4	↑P	17 22 46.0 +0.7
ITM	Ithomi	1.63	9	S	Sb	17 21 24.4 +1.6		AGG	Apeiranthos	3.50	64	↑P	MORI	Morici	9.33	336	ePn	17 22 44.7 -0.7
ITM	comp=N,4µm,1.0s			AML	AML	17 21 01.6 +1.9		APE	Apeiranthos	3.50	64	↑P	MORI		9.45	333	↑Pn	17 24 25.9 -0.1
ITM	Ithomi	1.63	9	P	Pn	17 21 24.0 +1.1		APE				Sn	MGRS	Mrkonjic Grad	9.50	340	ePn	17 22 45.5 -1.2
ITM	comp=E,6477µm,1.1s			AML	AML	17 21 24.5		ZKR	Zakros	3.79	96	eP	CSS	Mathiatis	9.60	90	↑Pn	17 22 45.5 -3.7
ITM	comp=N,7137µm,0.8s			AML	AML	17 21 46.7		ZKR	Zakros	3.79	96	eP	CSS	Mathiatis	9.60	90	↑Pn	17 22 45.4 -3.7
ITM	Ithomi	1.63	9	eP	Pn	17 21 00.5 +0.8		KOSK	Kos Island	4.52	89	eP	FRGS	Fruska Gora	9.68	362	ePn	17 22 58.4 -1.4
ITM	Ithomi	1.63	9	P	Pn	17 21 01.4 +1.7		KARP	Karpathos	4.52	89	eP	ICOR	Ion Corvin	9.77	27	↑Pn	17 22 53.0 +1.6
KNDR	Palaiochora Ch	1.73	101	P	Pn	17 21 01.4 +0.5		KARP	Karpathos	4.52	89	eP	BLY	Banja Luka	9.77	341	ePn	17 22 53.2 +1.7
KNDR	comp=N,4µm,1.2s			AML	AML	17 21 22.1 +0.3		CHOS	Chios island	4.53	50	eP	BLY	Banja Luka	9.78	341	ePn	17 22 50.2 -1.3
KNDR	Palaiochora Ch	1.73	101	eP	Pn	17 21 00.6 -0.3		CHOS	Chios island	4.53	50	eP	DUGI	Dugi Otok	9.81	331	ePn	17 22 54.3 +2.4
RODP	Rodopos	1.75	90	S	Sb	17 21 03.9 -1.7		CHOS	Chios island	4.53	50	eP	BR23	Keskin MP Arra	9.82	61	↑P	17 22 52.9 +0.7
RODP	comp=N,1µm,0.5s			AML	AML	17 21 01.4 +0.1		GODT	Godtrudum	4.84	70	eP	ANTO	Ankara	9.84	61	↑P	17 22 04.4 -0.5
VLX	Vlachokerasia	1.90	19	P	Pb	17 21 06.3 -1.0		URLA	Uzunkopru	4.87	54	eP	GZR	Gura Zlata	9.86	5	↑P	17 22 53.1 -0.5
VLX	comp=N,5µm,0.7s			AML	AML	17 21 32.0 +1.3		DAT	Datca	4.96	75	eP	KESR	Kesra	9.99	275	Sn	17 24 42.1 -3.3
VLX	Vlachokerasia	1.90	19	P	Pn	17 21 05.6 +2.1		SIGR	Sigri	4.96	42	eP					Sn	
VLX	comp=N,9842µm,0.7s			AML	AML	17 21 54.3		GAM	G'zelecani?	5.00	63	eP					Sn	
VLX	comp=N,9755µm,0.6s			AML	AML	17 21 04.9 +1.1		SLUM	Salum	5.05	143	P					Sn	
IMMV	Iera Moni Meta	1.93	92	P	Pb	17 21 29.4 -2.1		SLUM	comp=N,1µm,0.5s			AMP					Sn	
IMMV	Iera Moni Meta	1.93	92	S	Sb	17 21 04.8 +0.9		SLUM	comp=N,5µm,0.7s			S					Sn	
IMMV	Iera Moni Meta	1.93	92	P	Pn	17 21 29.7 -1.8		OUR	Ouranopolis	5.11	21	eP					Sn	
IMMV	Iera Moni Meta	1.93	92	P	Pb	17 21 07.5 -0.8		HORT	Hortatis	5.16	13	eP					Sn	
AMT	Artemida-Makis	1.96	2	P	Pn	17 21 06.1 +1.8		FNA	Florina	5.21	358	eP					Sn	
AMT	Artemida-Makis	1.96	2	P	Pb	17 21 06.1 +1.8		FNA	Florina	5.21	358	eP					Sn	
AMT	comp=N,8684µm,0.6s			AML	AML	17 21 51.9		TIP	Timpagrande	5.29	314	↑P					Sn	
AMT	comp=N,9735µm,0.7s			AML	AML	17 22 07.5		TIP				Sn					Sn	
CHAN	Chania	1.98	91	P	Pn	17 21 06.0 +1.5		TIP	Timpagrande	5.29	314	↑P					Sn	
TRIP	Tripoli	2.03	15	P	Pn	17 21 07.6 +2.4		CER	Celeste	5.31	302	eP					Sn	
VAM	Vamos	2.12	94	P	Pn	17 21 07.1 +0.8		CEL	Arkhangelos	5.33	81	eP					Sn	
VAM	Vamos	2.12	94	P	Pn	17 21 07.2 +0.9		DKL	Dikili	5.48	49	eP					Sn	
VAM	comp=N,10916µm,0.9s			AML	AML	17 22 06.9		DKL	Dikili	5.48	49	eP					Sn	
GVD	Gavdhos	2.15	109	P	Pn	17 21 07.1 +0.3		AYDB	Yezinkoy-Aydi	5.57	63	eP					Sn	
GVD	Gavdhos	2.15	109	P	Pn	17 21 32.8 +0.4		OHR	Ohrd	5.57	354	↑Pn					Sn	
GVD	comp=E,2µm,0.9s			AML	AML	17 21 07.2 +0.3		YER	Yerkesik	5.61	72	eP					Sn	
GVD	Gavdhos	2.15	109	P	Pn	17 21 07.2 +0.3		EZN	Ezine	5.66	40	eP					Sn	
GVD	comp=N,5319µm,1.1s			AML	AML	17 22 05.2		KNT	Kendrikon	5.68	10	eP					Sn	
GVD	comp=E,4292µm,2.1s			AML	AML	17 22 32.0		GAD	Gadara	5.73	95	eP					Sn	
VND	Vandou	2.23	34	P	Pn	17 21 11.2 +1.8		WDD	Wied Dalam	5.75	275	eP					Sn	
VND	Vandou	2.23	34	P	Pn	17 21 11.2 +1.8		VAY	Vialandovo	5.79	7	↑Pn					Sn	
DID	Didima	2.33	34	P	Pn	17 21 07.1 +0.3		VAY				Sn					Sn	
DID	Didima	2.33	34	P	Pn	17 21 07.2 +0.9		TURN	Turunc	5.80	75	eP					Sn	
DID	comp=E,4652µm,1.1s			AML	AML	17 22 05.0		DAILY	Dalyan (Mula)	5.83	76	↑P					Sn	
DID	comp=N,4127µm,0.9s			AML	AML	17 22 05.0		TIR	Tirane	5.93	347	↑P					Sn	
DRO	Drossia	2.38	2	P	Pb	17 21 13.4 -2.0		TIR	Tirane	5.93	347	↑P					Sn	
DRO	Drossia	2.38	2	P	Pb	17 21 12.4 +2.4		TIR	Tirane	5.93	347	↑P					Sn	
DRO	comp=N,5357µm,0.7s			AML	AML	17 22 20.8		TIR	Tirane	5.93	347	↑P					Sn	
DRO	comp=N,5486µm,0.9s			AML	AML	17 22 21.3		TAR1	Taranto	6.01	327	↑Pn					Sn	
RLS	Riolos of Patr	2.49	357	P	Pb	17 21 15.2 -2.0		VAE	Valguarnera	6.11	290	↑Pn					Sn	
RLS	Riolos of Patr	2.49	357	P	Pb	17 21 14.1 +2.7		VAE	comp=E,7.7µm,0.3s,baz=2.0,slow=20,SNR=15			Sn					Sn	
RLS	Riolos of Patr	2.49	357	P	Pb	17 21 16.6		VAE	comp=E,15µm,0.3s,baz=85,slow=21,SNR=4.0			LR					Sn	
RLS	comp=E,2131µm,0.8s			AML	AML	17 22 26.2		STIP	Stip	6.13	4	↑Pn					Sn	
RLS	comp=N,3589µm,1.3s			AML	AML	17 22 26.2		STIP				Sn					Sn	
RLS	Kalavryta, Ach	2.51	10	P	Pn	17 21 15.4 -2.2		FETY	Fethiye	6.14	78	eP					Sn	
RLS	Kalavryta, Ach	2.51	10	P	Pn	17 21 13.3 +1.5		GELI	Tayfur-Gelibol	6.16	37	eP					Sn	
KLV	comp=E,3575µm,1.6s			AML	AML	17 22 20.7		MMB	Musumiste	6.24	15	eP					Sn	
KLV	comp=N,3320µm,1.0s			AML	AML	17 22 20.7		MAN	Manisa	6.27	60	↑Pn					Sn	
MHLO	Agia Marina, M	2.52	63	P	Pn	17 21 13.2 +1.3		ENEZ	Enez	6.28	33	eP					Sn	
MHLO	Agia Marina, M	2.52	63	P	Pn	17 21 13.5 +1.6		LPK	Lapseki	6.29	39	eP					Sn	
MHLA	Plaka, Milos I	2.56	62	P	Pn	17 21 14.5 +2.1		MATC	Matruh	6.30	130	P					Sn	
MHLA	comp=E,11571µm,1.2s			AML	AML	17 22 02.9		KULA	Kula-Manisa	6.36	60	eP					Sn	
MHLA	comp=N,10006µm,1.4s			AML	AML	17 22 45.7		ALN	Alexandroupoli	6.36	32	eP					Sn	
KFL	Anninata	2.62	346	P	Pn	17 21 15.5 +2.2		ALN	Alexandroupoli	6.36	32	eP					Sn	
KFL	comp=E,4694µm,0.7s			AML	AML	17 21 48.7		RDO	Rodhopi	6.37	28	eP					Sn	
KFL	comp=N,2636µm,0.4s			AML	AML	17 21 49.1		MATE	Matera	6.38	324	↑P					Sn	
SIVA	Sivas	2.67	101	P	Pn	17 21 14.9 +0.9		MATE				Sn					Sn	
SIVA	comp=N,4982µm,0.7s			AML	AML	17 22 26.8		ERIK	Erikli-Kesan	6.39	36	eP					Sn	
SIVA	comp=E,7122µm,0.7s			AML	AML	17 22 26.8		ERIK				Sn					Sn	
LTK	Loutraki	2.68	24	P	Pn	17 21 17.1 +3.0		KKB	Krupnik	6.39	10	P					Sn	
LTK	Loutraki	2.68	24	P	Pn	17 21 15.9 +1.8		SKO	Skojpe	6.40	359	↑Pn					Sn	
LTK	comp=E,3680µm,1.2s			AML	AML	17 22 19.6		BALB	Balikesir	6.42	49	eP					Sn	
LTK	comp=N,3520µm,1.3s			AML	AML	17 22 34.3		AKAS	Kas	6.52	82	eP					Sn	
IDI	Anoia	2.69	95	P	Pn	17 21 15.0 +0.7		SG1	Sgolgoze (BA)	6.54	325	↑Pn						

Table with columns: EIL, Elat, 12.68 114 Pn, 17.23 27.5 -3.8, etc. Lists various astronomical observations with station names and coordinates.

Table with columns: ESDC, Sonseca Array, 20.64 289 P P, 17.25 11.4 +1.3, etc. Lists astronomical observations from various stations like Sonseca Array, PAB, PABT, etc.

Table with columns: PYUN, Piuthan, 51.95 80 eP P, 17.29 40.2 +0.7, etc. Lists astronomical observations from stations like Piuthan, DANN, KOLN, etc. Includes a large block of text at the bottom: IDC 25 17:46:18.71.1.6:84S:154:55E, h0km, mb4.0/12, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KSRS, NJ2, WHN, KLR, etc.

NIED 25 17:55:00.42:20N:144:20E, h56km, Mw3.8 Best double couple: M5.37000... NP2:phi87.00000...
IDC 25 17:55:18.2:0.9, 42:22N:144:42E, h0km, mb3.6/11, mb1 3.8/15, mb1mx3.7/52, mbtmp3.7/15, ML3.1/3, MS2.3/2, Ms1 2.3/2, ms1mx2.1/51, Error ellipse: s-maj=2.0km, s-min=16.8km az=108.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JTHR, MYR, JOB, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GLVR, JRA, JMP, etc.

MAJBS Matsuo tunnel 7.34 222 Pn Pn 17 57 09.4 -0.4
MAJJO Matsushiro 7.34 221 Pn Pn 17 57 09.3 -0.4
MAJMA Matsushiro Arr 7.34 221 Pn Pn 17 57 09.4 -0.3

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SEY, YAK, YAK, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA, FINES, FINES, etc.

MOS 25 18:03:07.9:0.8, 5:68S:147:27E, h126km, mb4.6/10, Error ellipse: s-maj=13.0km s-min=6.9km az=98.0
IDC 25 18:03:09.6:0.5, 5:75S:147:38E, h130km, mb4.3/20, mb1 4.5/26, mb1mx4.4/40, mbtmp4.8/26, MS3.6/4, Ms1 3.6/4, ms1mx3.0/31, Error ellipse: s-maj=13.4km s-min=9.6km az=97.0

New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PMG, PMG, PMG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PDAR Pinedale Array, ARCES ARCES Array, NOA NORFAR Array, KOLS Kolonické sedl, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like GUC 25 18:49:37.4, 0.6, 19:77:5.7, 1:15W, h39km, 4M, 3L, 6; GUC 25 18:49:37.1, 2.3, 19:77:5.0, 0:04, 7:17:0W, 0:10, h27km, 14km, n22, 1:40:32/33, 9C, 1D, Off coast of northern Chile.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like of eastern Honshu, CHOU Choshi, CHOU Choshi, JHO Itakohinouch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like IDC 25 18:22:10.5, 1.7, 13:51'S; 72:09'W, h0km, mb3, 7/3; IDC 25 18:22:15.1, 1.1, 13:38S; 03:72:2W, 0:2, h35km, n8, 19:20/7, mb3, 6/3, Central Peru.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NIED 25 18:56:00, 23:10N, 125:90E, h8km, Mw4.0; Best double couple; M-1.27000, 1015 NP1; s=294.00000; s=87.00000; s=1.66.00000; NP2; s=31.00000; s=24.00000; s=1.73.00000.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NEIC 25 19:18:47, 1.1, 9, 11:7S; 0:1, 162:3E; 0:2, h10km, 2km, mb4, 2/3, Error ellipse; s-maj=33.6km s-min=11.3km az=58.0.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MKAR Makanchi Array, AKASG Malin Array Be, and various other radio stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CONA Conrad Observa, CONA L'Aquila, and various other radio stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL Collm, FIA1 FINES Array B, and various other radio stations.

25d 21h

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like NB2, NOA, KONO, etc.

2014 APR

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like PBEJ, EVO, PCVE, etc.

1814

Table with columns for station ID, name, coordinates, and various parameters. Includes stations like MA2, KAPI, SFJD, etc.

BUJ 25.21:18.26 0.0, 43.40N:127.10W, h4km, mB5.2/16, mb4.8/21, Ms4.7/6, Ms7.4/5.2
IDC 25.21:18.27 3.0, 6.43:41N:127.08W, h0km, mb4.1/23, mb1.4/3.31, mb1mx4.2/5.5, mbtmp4.1/31, ML4.0/7, MS4.0/27, Ms1.4/0.27, ms1mx3.9/37, Error ellipse: s-maj=16.5km s-min=7.7km az=37.0
NEIC 25.21:18.30 2.1, 8.43:41N:0.06:127.1W:0.1, h10km, 1km, mb4.7/164, Error ellipse: s-maj=14.5km s-min=10.0km az=244.0
GCMT 25.21:18.30 2.0, 2.43:32N:0.01:127.32W:0.02, h21km, 1km, MW5.0/118, Moment Tensor Solution: s33:040; s118:c168; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=0.51+14; Mw=2.57+11; Ms=3.08+10; Me=0.87+21; Mw=2.55+10; Ms=0.33+17; Best double couple: M=3.92400x10^16 Np1=24.00000; s7.60000; lambda=3.00000; NP2=115.00000; s87.00000; lambda=166.00000; Principal axes: T 4.1450, Plg8.0000, Azm248.0000; N -0.4450, Plg75.0000, Azm127.0000; P -3.7040, Plg12.0000, Azm340.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function ANF 25.21:18.31 2.0, 6.43:43N:126.87W, h10km, ML4.3/23 Error ellipse: s-maj=7.8km s-min=4.5km az=54.0

ISC 25 21:18:29.9,0.5,43.38N,0.05,-127.08W,0.06,h14km, n387,r1926/357,mb4.6/87,MS4.0/24,Off coast of Oregon

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Myrtle Point, Swisshome, Willamette Mer, etc.

Table with columns: Code, Station Name, Time, Res, Pn. Includes stations like Goldstone, Sheep Range, Pasadena Art C, etc.

Table with columns: Code, Station Name, Time, Res, Pn. Includes stations like Tana Glacier, Verde Repeater, Yellowknife Ar, etc.

25d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like 235A FCC, BMAR Burnt Mountain, WHTX Lake Whitney, etc.

2014 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NB2 NORSTAR Subarra, NOA NORSTAR Arr B, FINES FINESS Array B, etc.

1816

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PAF Port-au-Franc, Casey Cape Leeuwin, H01W3 Cape Leeuwin, etc.

IDC 25 21:24:05.91.5.7:07S.154:91E. h0km, mb3.7/7, mb1.4/0.8, mb1mx3.8/2.4, mbtm3.8/8, ML1.8/1, Error ellipse: s-maj=50.4km s-min=22.0km az=133.0

IDC 25 21:24:11.8.1.4.7.15:03.3.154:9E:0.2. h41km, n9, o57/11, mb3.7/7, Bougainville-Solomon Islands region

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

IDC 25 21:34:19.0.2.8.6:39S.153:61E. h0km, mb3.1/2, mb1.3/4.2, mb1mx3.2/1.2, mbtm3.1/2, Error ellipse: s-maj=143.4km s-min=33.1km az=128.0, New Britain region

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

IDC 25 21:39:42.0.2.7.7:23S.154:66E. h0km, mb3.3/3, mb1.3/7.4, mb1mx3.5/2.7, mbtm3.6/4, ML4.6/1, MS3.6/1, MS1.3/8.8, ms1mx2.6/1.4, Error ellipse: s-maj=65.2km s-min=33.7km az=103.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat (AS076), KRVT Keravat, CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 25 22:11:40.1.0.6.46:46S.96:09E. h0km, mb4.1/1.0, mb1.4/2.10, mb1mx4.1/2.10, mbtm4.1/1.0, MS3.8/8, MS1.3/8.8, ms1mx3.4/2.0, Error ellipse: s-maj=22.0km s-min=17.4km az=129.0, NEIC 25 22:11:41.1.1.9.46:55.0.1:96:1E:0.1, h10km, 1km, mb4.6/2.9, Error ellipse: s-maj=18.6km s-min=16.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PAF Port-au-Franc, Casey Cape Leeuwin, H01W3 Cape Leeuwin, etc.

0.9nm,0.8s,baz=78,slow=9.3,SNR=4.6
ASAR Alice Springs 29.18 242 P
1.1nm,0.8s,baz=70,slow=9.2,SNR=1.0
MKAR Makachi Array 91.29 317 P

IDC 25 23:07:13.8±2.5, 67.75N:162.03W, h0km, mb3.3/5,
mb1 3.8/6, mb1mx3.4/49, mbtmp3.5/6, ML4.2/1, Error
ellipse: s-maj=49.5km s-min=31.8km az=41.0
AEIC 25 23:07:14.2±1.1, 67.76N:0.08±162.5W:0.2, h2km, h7km,
ML3.4/22, Error ellipse: s-maj=14.6km s-min=8.7km
az=131.0

NEIC 25 23:07:15.5±2.5, 67.74N:0.09±162.5W:0.2, h37km, 10km,
Error ellipse: s-maj=15.1km s-min=9.2km az=138.0
ISC 25 23:07:13.9±0.7, 67.74N:0.06±162.5W:0.06, h10km, n49,
c114/54, mb3.3/4, Northern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Red Dog Mine, Nome, Toolik Lake, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Porcupine Dome, Reindeer, Harding Lake, etc.

HEL 25 23:31:11.5, 67.83N:20.11E, h0km, ML1.5, Explosion
UPP 25 23:31:11.7, 67.82N:20.20E, h0km, ML2.0,
Explosion, Sweden

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

HEP 25 23:31:11.5, 67.83N:20.11E, h0km, ML1.5, Explosion
UPP 25 23:31:11.7, 67.82N:20.20E, h0km, ML2.0,
Explosion, Sweden

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

UPP 25 23:31:44.9±0.4, 67.89N:20.57E, h0km, ML1.8,
Explosion, Sweden

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

JMA 25 23:41:45.0±24.3N:123.94E, h0km, Southwestern
Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Ishigaki jima, Kuro-shima, Iriomote-Funau, etc.

DDA 25 23:41:49.5, 38.42N:39.23E, h7km, 1km, MW3.5
ISK 25 23:41:49.1, 38.44N:39.21E, h7km, ML3.5/42

ISC 25 23:41:49.9±0.9, 38.43N:0.02±39.23E:0.02, h6km, 7km,
n68, c094/80, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Sivrice-ELAZID, Elazig, Tunceli-Merkez, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Arapali-MALATY, KEMaliye, KEM, etc.

ISC 25 23:42:00.9±24.93N:122.13E, h7km, 1km, ML2.4, D,
Tajik region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Santiao Chiao, Shuangxi, Toucheng, etc.

TAP 25 23:42:00.9±24.93N:122.13E, h7km, 1km, ML2.4, D,
Tajik region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Santiao Chiao, Shuangxi, Toucheng, etc.

JMA 25 23:44:16.9±35.43N:136.34E, h9km, M2.7, 2C-3D,
Western Honshu

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

INET 25 23:51:45.6, 11.46N:85.92W, h177km, ML4.1
UCR 25 23:51:47.0±0.9, 11.47N:85.88W, h162km, 4km, MD3.8,
Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Masn Masaya, Buenos Aires, Borinquen Arri, etc.

IDC 26 00:10:38.6±0.8, 7.19S:155.04E, h0km, mb4.2/12,
mb1 4.4/13, mb1mx4.2/37, mbtmp4.2/13, ML4.1/1, MS3.5/13,
Ms1 3.6/13, ms1mx3.2/8, Error ellipse: s-maj=24.6km
s-min=19.2km az=114.0

NEIC 26 00:10:43.7±1.7, 7.35S:0.07±155.1E:0.1, h35km, 2km,
mb4.4/16, Error ellipse: s-maj=20.6km s-min=6.6km
az=62.0

ISC 26 00:10:43.0±0.5, 7.19S:0.07±155.06E:0.08, h31km, n53,
c1821/48, mb4.3/20, MS3.6/10, Bougainville-Solomon
Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Rabaul, Keravat, Las Juntas, etc.

ISC 26 00:10:43.0±0.5, 7.19S:0.07±155.06E:0.08, h31km, n53,
c1821/48, mb4.3/20, MS3.6/10, Bougainville-Solomon
Islands region

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

ISC 26 00:10:43.0±0.5, 7.19S:0.07±155.06E:0.08, h31km, n53,
c1821/48, mb4.3/20, MS3.6/10, Bougainville-Solomon
Islands region

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

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TUL1, BURAR, KSP, NIE, UZH, NRDL, BIR, BIZ, TXAR, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TREC, TREC, KKC, NKC, NKC, AMRR, JCT, UBBA, SMOL, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BFO, T50A, WATA, WTTA, MYKA, UBR, RETA, MOTA, SQTA, ABTA, VTS, DAVA, FETA, BOJS, SWET, DAVOX, FUORI, TUE, STIP, VAY, PDG, ZHR, OAS, ALC, WHFO, WHFO, ABTO, RAYN, RAYN, RAYN, TBI, SOCY, ESCD, ESCD, TORD, H03N2, H03N1, H03N3, PLCA, etc.

1825

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Date, Time, and other parameters. Includes stations like TVO Taravao, PAE Paea, PPT2 Papeete, etc.

2014 APR

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Date, Time, and other parameters. Includes stations like KNRA, PSAA0, PSAB1, PSAD1, etc.

26d 3h

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Date, Time, and other parameters. Includes stations like CD2, CD2, CD2, TORO, etc.

1825 02:36:08.3z.7.3.36:85N:70:85E, h58km, 41km, mb2.9/2, mb1 3.3/6, mb1mx3.0/5.1, mbtmp3.4/6, ML3.4/4, Error ellipse: s-maj=95.9km s-min=37.8km az=160.0, NNC 26 02:36:12.6z.5.0.37:32N:70:49E, h0km, mb4.1, mpv3.5, Error ellipse: s-maj=52.7km s-min=27.8km az=152.0, 1825 02:36:09.5z.1.9.36:85N:70:85E, h0km, n11, 1825 02:36:15.5z.2.0.36:85N:70:85E, h0km, n11

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, Date, Time, and other parameters. Includes stations like KK31, KK31, AAK, AAK, etc.

Table with columns: call sign, frequency, power, and other technical details. Includes stations like KLMR, PRGR, PBUR, ILULI, TULEG, etc.

Table with columns: call sign, frequency, power, and other technical details. Includes stations like GR1, GRF, PBCC, OKC, MORC, etc.

Table with columns: call sign, frequency, power, and other technical details. Includes stations like KBZ, C36M, ESDC, SCHO, etc.

26d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RUSC La Rusia, SPBC San Pablo de B, CBOC Ciudad Bolivar, etc.

HLW 26 04:04:27.5, 36:29N, 31:93E, h1km, 19km, M4.6
IDC 26 04:04:31.1, 1.36:12N, 32:18E, h91km, 13km, mb3.7/16,
mb1 3.8/24, mb1mx3.6/53, mbtmp4.1/24, Error ellipse:
s-maj=12.8km s-min=8.6km az=75.0
NIC 26 04:04:31.2, 0.4, 36:16N, 32:26E, h88km, 2km, M4.3/9
ISK 26 04:04:31.1, 36:08N, 32:10E, h93km, 1km, M4.0/56
NEIC 26 04:04:31.0, 2.0, 36:09N, 0.05, 32:11E, 0.05, h85km, 8km,
Error ellipse: s-maj=8.0km s-min=4.0km az=217.0
DDA 26 04:04:32.2, 35:98N, 32:04E, h78km, MW3.8
THE 26 04:04:34.6, 36:09N, 31:99E, h58km, 4km, ML3.8/2, Error
ellipse: s-maj=4.9km s-min=1.7km az=149.0
GII 26 04:04:35.1, 0.4, 35:84N, 32:19E, h60km, mb4.0/2,
MD3.7/10, Mm3.7/19

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GAZI Gazipasa, ALAN Alanya-ANTALYA, BOZOY Bozoyi-Mersin, etc.

2014 APR

Main table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATHAL, SZAC Souni, SZAC, AKUM, KRMN, etc.

1830

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DALY, TAVA, TURUN, YUREGIR, etc.

26d 4h

Table with columns for station name, coordinates, and other parameters. Includes stations like MGAB, MOMA, CSPI, RSM, SENI, NRCA, SACS, ASQU, PP3, ARRO, LNNS, MCIV, RUFU, LATE, SMA1, OFFI, OSSC, FROS, GUMA.

2014 APR

Table with columns for station name, coordinates, and other parameters. Includes stations like TERO, BRIS, FIAM, TRIF, CRMI, MTRC, POPM, PII, RDP, ERBM, EQUI, DUGI, NVLJ, ZIRJ, MORI, RIVY, SKDS, TRI, MELA, CGRR, UDBI, PGF, MAGA, KJUV, STAL, MYKA, ABTA, OBKA, RISI, SBF, SOKA, KBA, FETA, DAVOX, WTTA, SQT, WATA, MOTA, FRF, RETA, DAVA, MBDF, LMR, ORI, ARSA, MOA, LPG, LPL.

1832

Table with columns for station name, coordinates, and other parameters. Includes stations like LPL, ORIF, SMRF, CONA, GERES, CABF, KHC, HINP, CDF, LASF, HAU, HAU, SMF, PAGF, LOR, AVF, AVF, SSF, MTLF, BGF, CAF, HYF, MFF, TORD, YKA, DUNU, MASU, KUA, ERTU, PAJU, LANU, HARU, HEF, HEF, TOF, KIF, KIF, RNF, RNF, SGF, SGF, BURU, EBU, ARO, ARO, OUL, OUL, OUL, OBF4, OBF4, OBF4, HFS, HFS, HFS, HFS.

IDC 26 04:16:53.6; 1.0, 6.7; 14N:20:97E, h0km, mb1 2.8/4, mb1mx2.7/5.3, mbtmp2.8/4, ML2.2/4, Error ellipse: s-maj=15.9km s-min=8.9km az=115.0, HEL 26 04:16:53.3; 0.0, 6.7; 19N:20:64E, h1km, ML1.7, ML1.8(U), Confirmed Induced event ISC 26 04:16:52.5; 0.8, 6.7; 18N:02:20.74E; 0.03, h0km, n27, r13/47, Sweden

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like DUNU, MASU, KUA, ERTU, PAJU, LANU, HARU, HEF, HEF, TOF, KIF, KIF, RNF, RNF, SGF, SGF, BURU, EBU, ARO, ARO, OUL, OUL, OUL, OBF4, OBF4, OBF4, HFS, HFS, HFS, HFS.

IDC 26 04:19:46.0; 0.6, 6.9; 8S: 154:88E, h0km, mb4.5/17, mb1 4.7/19, mb1mx4.5/38, mbtmp4.5/19, ML2.2/1, MS3.9/15, Ms1 4.0/15, ms1mx3.8/37, Error ellipse: s-maj=17.3km s-min=15.0km az=102.0, BUJ 26 04:19:48.5; 0.0, 6.9; 3S: 154:96E, h24km, mb5.1/34,

Table with columns for station call letters, name, frequency, and various signal quality indicators (e.g., Smax, M, P, I, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

Table with columns for station call letters, name, frequency, and various signal quality indicators (e.g., Smax, M, P, I, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).

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H03N2	Juan Fernandez	83.39	123	T	T	07 46 57.8
H03N3	Juan Fernandez	83.39	123	T	T	07 46 52.8
H03N1	Juan Fernandez	83.41	123	T	T	07 47 06.0
EPT	El Paso	83.55	53	IAMS_20	IAMS_20	06 43 34.8
DUG	Dugway, Tooele	83.56	43	P	P	06 14 45.7 +1.2
DUG	Dugway, Tooele	83.56	43	IAMB	IAMB	06 14 47.6
MFID	Camas Ranch	83.56	39	IAMB	IAMB	06 14 47.5
MFID	comp=Z,812nm,1.5s			IAMS_20	IAMS_20	06 43 37.1
BMO	Blue Mountains	83.58	37	IAMB	IAMB	06 14 47.4
BMO	comp=Z,1.1um,1.6s			IAMS_20	IAMS_20	06 44 03.3
C06D	Leavenworth	83.58	33	P	P	06 14 45.3 +1.1
E08A	Dider Farm, El	83.63	35	IAMB	IAMB	06 14 47.7
B06A	Marblemont	83.67	32	IAMB	IAMB	06 14 47.4
CRAG	Craig	83.70	22	IAMB	IAMB	06 14 48.1
TLIG	Tipa	83.73	69	IAMB	IAMB	06 14 49.1
TLIG	comp=Z,8.2um,22.0s			IAMS_20	IAMS_20	06 42 10.2
QIZ	Qiongzong	83.83	293	P	P	06 14 46.8 +0.7
QIZ	comp=Z,640nm,4.1s			LR	LR	06 14 59.8 +1.8
QIZ	comp=Z,1.1um,30.9s			LR	LR	06 17 58.0 -1.9
QIZ	comp=Z,1.1um,24.0s			LR	LR	06 25 06.5 -0.4
RC01	Rabbit Creek A	83.98	12	IAMB	IAMB	06 14 48.2
SDSI	Sungai Dareh	83.99	271	P	P	06 14 46.9 -0.1
HIN	Hinchinbrook I	84.02	14	IAMB	IAMB	06 14 48.4
DL2	Dalian	84.08	315	P	P	06 14 47.8 +0.9
DL2	comp=Z,220nm,1.3s			S	S	06 25 06.5 -2.1
DL2	comp=Z,2.2um,3.9s			LR	LR	06 25 14.0 +1.7
DL2	comp=Z,1.1um,17.9s			LR	LR	
DL2	comp=Z,1.1um,19.6s			LR	LR	
E09A	Wood Farm, Sta	84.13	35	IAMB	IAMB	06 14 49.9
SIT	Sitka	84.21	20	IAMB	IAMB	06 14 50.2
GAMB	Gambell	84.26	1	IAMB	IAMB	06 14 50.4
EYAK	Cordova Ski Ar	84.32	14	IAMB	IAMB	06 14 50.0
GLI	Glacier Island	84.32	13	IAMS_20	IAMS_20	06 44 40.5
FID	Port Fidalgo	84.34	13	IAMB	IAMB	06 14 49.7
MNTX	Cornudas Mount	84.35	53	P	P	06 14 50.0 +1.5
MNTX	comp=Z,731nm,1.4s			IAMB	IAMB	06 14 51.9
SUCK	Suckling Hills	84.36	15	IAMS_20	IAMS_20	06 43 30.3
KLR	Kul'dur	84.36	328	P	P	06 14 49.1 +1.1
KLR	comp=Z,54nm,1.1s,baz=120,slow=4.4,SNR=104			PKKPbc	PKKPbc	06 33 00.4 -2.0
KLR	comp=Z,3.1nm,0.8s,baz=23,slow=2.6,SNR=7.4			PKKPbc	PKKPbc	06 14 49.0 +0.9
KLR	comp=Z,187nm,1.5s			MLR	MLR	
Y22D	IRIS PASCALI	84.36	51	P	P	06 14 51.2 +2.5
COCO	West Island	84.40	259	IAMS_20	IAMS_20	06 50 36.9
CN2	Changchun	84.43	321	eP	eP	06 14 49.0 +0.4
CN2	comp=Z,370nm,1.6s			SKS	SKS	06 18 06.8 +2.4
CN2	comp=Z,3.3um,3.0s			SKS	SKS	06 25 11.0 -0.9
CN2	comp=Z,1.1um,19.0s			LR	LR	
CN2	comp=Z,2.2um,19.0s			LR	LR	
SNY	Shenyang	84.43	319	P	P	06 14 49.5 +0.9
SNY	comp=Z,160nm,1.9s			S	S	06 25 09.3 -2.7
SNY	comp=Z,2.2um,4.2s			LR	LR	
SNY	comp=Z,2.2um,21.6s			LR	LR	
SNY	comp=Z,540nm,19.6s			LR	LR	
HMT	Hamilton	84.47	15	IAMB	IAMB	06 14 51.1
SKT	Skwentna	84.47	11	IAMB	IAMB	06 14 49.6
PAYG	Puerto Ayora	84.49	89	P	P	06 14 51.6 +2.0
KNK	Knik Glacier	84.53	12	IAMB	IAMB	06 14 51.0
KNK	comp=Z,389nm,1.0s			IAMS_20	IAMS_20	06 44 51.9
TXAR	Lajitas Array	84.56	56	P	P	06 14 50.9 +1.2
TXAR	comp=Z,1.46nm,1.1s,baz=216,slow=6.2,SNR=422			PKKPbc	PKKPbc	06 32 49.0 -4.5
TXAR	comp=Z,0.8nm,0.9s,baz=72,slow=4.1,SNR=318			PKPPKP	P'P'df	06 41 10.2 +5.0
TXAR	comp=Z,1.4nm,1.0s,baz=108,slow=4.1,SNR=4.1			PKPPKP	P'P'df	06 44 42.3
TXAR	comp=Z,2.4um,21.6s,baz=0.0,slow=30			LR	LR	06 14 50.4 +0.6
B08A	Colville Reser	84.66	33	IAMB	IAMB	06 14 52.2
WRAK	Wrangell Island	84.72	22	IAMB	IAMB	06 14 53.1
GHO	Glorly Hole Cre	84.76	12	IAMB	IAMB	06 14 52.2
MVCO	Mesa Verde	84.82	47	P	P	06 14 52.5 +1.5
MVCO	comp=Z,239nm,1.6s			IAMB	IAMB	06 14 54.4
LLBL	Lillooet	84.86	31	IAMB	IAMB	06 14 53.7
PV05	Paradox Valley	84.86	46	IAMS_20	IAMS_20	06 44 43.7
MA2	Magadan	84.88	343	eP	eP	06 14 50.1 -0.4
MA2	comp=Z,497nm,1.7s			PKKPbc	PKKPbc	06 14 50.3 -0.2
MA2	comp=Z,814nm,1.6s			IAMB	IAMB	06 14 52.2
MA2	Magadan	84.88	343	IAMS_20	IAMS_20	06 48 20.3
PDSI	Padang	84.90	271	P	P	06 14 49.2 -2.5
SML	Sawmill	84.91	12	IAMB	IAMB	06 14 53.0
SML	comp=Z,762nm,1.6s			IAMS_20	IAMS_20	06 45 05.0

PV19	Morning Glory	85.06	46	IAMB	IAMB	06 14 55.4
PV14	Lion Creek, Pa	85.06	46	IAMB	IAMB	06 14 55.5
PV20	West Nyswonger	85.08	46	IAMB	IAMB	06 14 55.5
PV13	Radium Mtn., P	85.09	46	IAMB	IAMB	06 14 55.6
CRQM	Carpete	85.11	15	IAMB	IAMB	06 14 54.5
PV23	Cirque Ridge	85.11	46	IAMB	IAMB	06 14 55.9
ANMO	Albuquerque	85.12	50	d/P	P	06 14 53.0 +0.4
ANMO	comp=Z,785nm,1.5s			MLR	MLR	
ANMO	Albuquerque	85.12	50	P	P	06 14 54.3 +1.7
ANMO	Albuquerque	85.12	50	P	P	06 14 54.1 +1.5
ANMO	Albuquerque	85.12	50	IAMS_20	IAMS_20	06 44 05.5
HWUT	Hardware Ranch	85.13	42	IAMS_20	IAMS_20	06 51 31.6
WHN	Wuhan	85.13	305	up	P	06 14 53.0 +0.6
WHN	comp=Z,1.1um,1.8s			pP	pP	06 15 05.3 +1.0
WHN	comp=Z,4.1um,3.4s			pP	pP	06 25 13.0 -1.2
WHN	comp=Z,7.2um,20.8s			pP	pP	06 25 16.3 -3.2
WHN	comp=Z,5.2um,21.1s			LR	LR	
WHN	comp=Z,2.5um,21.1s			LR	LR	
SCM	Sheep Creek Mo	85.14	13	IAMB	IAMB	06 14 54.2
SCM	comp=Z,594nm,1.0s			IAMS_20	IAMS_20	06 44 48.0
PV02	Paradox Valley	85.17	46	IAMB	IAMB	06 14 56.0
PV02	comp=Z,885nm,1.6s			IAMS_20	IAMS_20	06 45 03.5
PPLA	Purkeyville	85.22	10	IAMS_20	IAMS_20	06 45 16.1
PV01	Paradox Valley	85.25	46	IAMB	IAMB	06 14 56.3
PV07	Paradox Valley	85.35	46	IAMB	IAMB	06 14 56.9
PV15	Paradox Valley	85.41	46	IAMB	IAMB	06 14 57.1
VRDI	Verde Repeater	85.45	15	IAMS_20	IAMS_20	06 44 40.3
JIS	Juneau Island	85.49	20	IAMB	IAMB	06 14 56.7
GLB	Gilahina Butte	85.55	14	IAMS_20	IAMS_20	06 44 44.1
BESE	Bessie Mountai	85.59	20	IAMS_20	IAMS_20	06 44 15.2
MCARA	McCarthy VSAT	85.69	15	IAMB	IAMB	06 14 57.3
MCARA	comp=Z,628nm,1.3s			IAMS_20	IAMS_20	06 44 47.6
CTGM	Chitina Glacie	85.74	16	IAMB	IAMB	06 14 57.7
NEW	Newport	85.76	34	P	P	06 14 55.9 +0.7
NEW	Newport	85.76	34	IAMB	IAMB	06 14 57.9
TIA	Tai'an	85.77	311	P	P	06 14 56.3 +0.8
TIA	comp=Z,160nm,1.2s			sP	sP	06 15 11.2 -0.7
TIA	comp=Z,2.2um,3.6s			S	S	06 25 18.5 +0.4
TIA	comp=Z,1.1um,17.7s			LR	LR	
TIA	comp=Z,2.2um,18.6s			LR	LR	
SISI	Saibi	86.04	270	P	P	06 14 50.5 -6.8
KTH	Kantishna Hill	86.04	10	IAMB	IAMB	06 14 57.7
AHID	Auburn Hatcher	86.05	41	IAMB	IAMB	06 15 00.0
TRF	Thorfare Mount	86.06	11	IAMB	IAMB	06 14 57.6
HARP	HAARP	86.10	13	IAMS_20	IAMS_20	06 46 39.5
SKAG	Skagway	86.15	19	IAMS_20	IAMS_20	06 44 54.7
S22A	4UR Ranch, Cr	86.24	47	P	P	06 14 59.7 +1.6
DHY	Denali Highway	86.25	12	IAMB	IAMB	06 14 59.7
IPM	Ipo	86.28	276	P	P	06 15 00.0 +1.5
MNSI	Mandailing Nan	86.32	272	P	P	06 14 56.7 -2.0
O20A	White River Ci	86.49	45	P	P	06 15 00.3 +1.1
O20A	White River Ci	86.49	45	IAMS_20	IAMS_20	06 45 15.3
BPAW	Bear Paw Mtn.	86.54	10	IAMS_20	IAMS_20	06 46 08.1
PAX	Paxson	86.54	13	IAMB	IAMB	06 15 00.9
MSO	Missoula	86.64	37	P	P	06 15 00.2 +0.5
MSO	Missoula	86.64	37	IAMB	IAMB	06 15 01.1
PLCA	Paso Flores	86.82	132	P	P	06 15 01.9 +1.1
PLCA	comp=Z,169nm,1.2s,baz=236,slow=5.0,SNR=104			PKKPbc	PKKPbc	06 32 53.8 -1.3
PLCA	comp=Z,7.4nm,1.1s,baz=68,slow=3.3,SNR=7.7			PKPPKP	P'P'df	06 41 08.6 +3.6
PLCA	comp=Z,2.3nm,1.1s,baz=130,slow=0.4,SNR=3.7			LR	LR	06 45 11.9
PLCA	comp=Z,2.1um,21.9s,baz=241,slow=30			P	P	06 15 02.0 +1.1
PLCA	Paso Flores	86.82	132	P	P	06 15 01.9 +1.1
PLCA	Paso Flores	86.82	132	P	P	06 15 04.0
PLCA	comp=Z,537nm,1.4s			eP	eP	06 15 02.0 +1.1
PLCA	comp=Z,262nm,1.0s			IAMB	IAMB	06 15 02.6
KULM	Kulim	86.91	277	P	P	06 15 03.0 +1.4
BW06	Boulder Array	87.01	42	P	P	06 15 02.3 +0.6
BW06	Boulder Array	87.01	42	IAMS_20	IAMS_20	06 53 00.4
PDAR	Pinedale Array	87.01	42	P	P	06 15 01.9 +0.2
PDAR	comp=Z,59nm,1.0s,baz=207,slow=3.0,SNR=199			PKKP	PKKP	06 32 55.6 -0.3
PDAR	comp=Z,2.2nm,0.8s,baz=94,slow=4.5,SNR=7.1			PKPPKP	PKPPKP	06 41 02.9
PDAR	comp=Z,0.7nm,0.8s,baz=90,slow=4.4,SNR=5.8			LR	LR	06 46 19.7
PDAR	comp=Z,2.2um,21.4s,baz=248,slow=30			P	P	06 15 01.4 -0.4
DLBC	Dease Lake	87.07	22	IAMB	IAMB	06 15 04.8
SDCO	Great Sand Dun	87.16	48	P	P	06 15 03.5 +0.9
SYO	Syowa Base	87.16	192	up	P	06 15 00.8 -1.0
SYO	Syowa Base	87.16	192	up	P	06 15 02.2 +0.4
SYO	Syowa Base	87.16	192	up	P	06 15 13.0 -0.7
H17A	Grant Village	87.25	16	eSH	SKSac	06 25 24.6 -1.2
WHY	Whitehorse	87.25	18	IAMB	IAMB	06 15 05.7
WHY	comp=Z,810nm,1.6s			IAMS_20	IAMS_20	06 45 32.1
NEA	Nenana	87.31	11	IAMB	IAMB	06 15 05.6
SEY	Seychan	87.35	346	P	P	06 15 03.0 +0.4
SEY	comp=Z,281nm,1.1s,baz=149,slow=5.4,SNR=336			eP	eP	06 15 02.8 +0.3
MSTX	Muleshoe	87.35	52	P	P	06 15 04.6 +1.1
MSTX	comp=Z,243			IAMS_20	IAMS_20	06 45 45.5

RIDG	Independent Ri	87.36	13	IAMB	IAMB	06 15 05.2
WRH	Wood River Hill	87.39	11	IAMS_20	IAMS_20	06 46 31.5
BCAR	Beaver Creek A	87.44	14	P	P	06 15 03.3 +0.2
833A	Chaparral WMA,	87.48	59	P	P	06 15 04.8 +0.7
HDA	Harding Lake	87.54	12	P	P	06 15 03.8 +0.3
HDA	Harding Lake	87.54	12	IAMB	IAMB	06 15 07.1
CCB	Clear Creek W	87.60	11	IAMS_20	IAMS_20	06 46 26.0
T25A	Trinidad	87.63	49	P	P	06 15 05.6 +0.8
PSI	Prapat	87.64	274	LR	LR	06 55 49.7
SNA4	Sanae	87.66	177	P	P	06 15 05.0 +0.7
SNA4	Sanae	87.66	177	P	P	06 15 04.8 +0.5
SNA4	comp=Z,7.1nm,0.9s,baz=199,slow=4.7,SNR=5.6			PKKPbc	PKKPbc	06 32 51.4 -2.6
SNA4	comp=Z,1.6nm,0.8s,baz=193,slow=5.1,SNR=6.2			PKPPKP	P'P'df	06 40 58.5 -4.3
SNA4	comp=Z,5.0nm,1.2s,baz=160,slow=2.0,SNR=4.3			IAMB	IAMB	06 15 03.6 -0.7
SNA4	comp=Z,293nm,1.4s			IAMS_20	IAMS_20	06 48 13.8
VNA3	Neumayer Olymp	87.67	175	P	P	06 15 05.0 +0.7

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OXF	Oxford	97.72	56	Iamb	Iamb	06 15 53.4
GNAR	Gosnell	97.74	55	Iamb	Iamb	06 15 53.8
BOD	Bodaibo	97.88	329	eP	P	06 15 51.2 -0.2
BOD					pmax	
SONM	Songino Array	98.01	318	P	Pdiff	06 15 52.8 +0.4
SONM					PP	06 19 50.7 -1.2
SONM					PKKPbc	06 32 25.7 -1.6
SONM					P	06 40 37.6 -1.4
SONM					LR	06 57 59.2
SONM					P	06 15 51.4 -1.0
K3BA	Parkerburg	98.05	48	Iamb	Iamb	06 15 56.1
K3BA					IAMs_20	06 53 17.4
AGMN	Agassiz Nation	98.07	41	P	P	06 15 52.5 0.0
AGMN					IAMs_20	06 15 54.2
AGMN					IAMs_20	06 53 37.1
W45A	Hickory Valley	98.11	56	IAMs_20	IAMs_20	06 56 32.6
FVM	French Village	98.12	53	Iamb	Iamb	06 15 55.0
FVM					IAMs_20	06 57 52.6
S30A	Rioblanco	98.27	91	eP	Pdiff	06 15 55.8 +0.9
S30A	Sachs Harbour	98.34	14	Pdiff	Pdiff	06 15 53.9 +0.7
GLAT	Glass	98.40	55	Iamb	Iamb	06 15 56.5
SLM	Saint Louis	98.48	52	Iamb	Iamb	06 15 56.7
SLM					IAMs_20	06 56 35.1
BRAL	Brewton	98.49	60	Pdiff	Pdiff	06 15 55.4 +0.6
PCON	Cinco Dias	98.53	91	eP	Pdiff	06 16 01.3 +5.1
HICK	Hickman	98.54	54	Iamb	Iamb	06 15 56.9
N41A	Harden Midland	98.73	50	Iamb	Iamb	06 15 57.6
N41A					IAMs_20	06 52 57.5
ULM	Lac du Bonnet	98.79	40	P	P	06 15 55.3 -0.4
ULM					LR	06 54 18.2
ULM					Iamb	06 15 57.5
S44A	Carbondale	98.90	53	IAMs_20	IAMs_20	06 53 34.2
PLAL	Pickwick Lake	98.91	56	IAMs_20	IAMs_20	06 51 59.8
SPMN	Marine on St.	98.93	45	Pdiff	Pdiff	06 15 57.1 +0.7
SPMN					Iamb	06 15 59.0
SPMN					IAMs_20	06 53 14.5
SIUC	Southern Ilin	98.93	53	IAMs_20	IAMs_20	06 53 34.7
LPAZ	La Paz	99.06	111	P	Pdiff	06 15 59.4 +0.9
LPAZ					PP	06 19 59.9 -0.9
LPAZ					LR	06 51 13.7
LPAZ					P	06 15 59.9 +1.4
LRAL	Lakeview Retre	99.13	58	Pdiff	Pdiff	06 15 56.9 -0.7
LRAL					IAMs_20	06 58 26.8
YOTO	Yotoco, Valle	99.16	89	eP	Pdiff	06 15 58.6 +0.2
P43A	Skaggs, Pawnee	99.34	51	IAMs_20	IAMs_20	06 57 54.8
Q44A	Meyer Farm, Va	99.47	52	IAMs_20	IAMs_20	06 57 41.3
WVT	Waverly	99.47	55	P	Pdiff	06 15 58.5 -0.5
WVT					pmax	
WVT					Pdiff	06 15 58.8 -0.2
WVT					P	06 15 58.5 -0.5
WVT					IAMs_20	06 53 07.7
GTA	Gaotai	99.56	308	lP	Pdiff	06 16 00.3 +0.7
GTA					PP	06 16 10.5 -1.1
GTA					PP	06 16 15.0 -1.2
GTA					PP	06 20 07.5 +3.5
GTA					SKS	06 26 34.5 -0.7
GTA					ScS	06 27 28.8 -1.0
GTA					sS	06 27 48.5 -1.6
GTA					SS	06 34 22.5 +0.9
GTA					pmax	
GTA					pmax	
GTA					LR	06 16 00.2 -0.2
GTA					LR	06 57 34.9
GTA					LR	06 16 17.0 0.0
GTA					LR	06 16 18.1 +1.0
TIXI	Tiksi	99.80	344	P	Pdiff	06 15 59.4 -0.3
TIXI					PP	06 20 00.1 -4.6
TIXI					P	06 15 59.1 -0.5
TIXI					MLR	06 15 58.9 -0.7
TIXI					Iamb	06 20 02.9
TIXI					IAMs_20	06 58 41.1
HDIL	Hopedale	99.80	50	Pdiff	Pdiff	06 16 00.2 -0.2
HDIL					IAMs_20	06 57 34.9
JFWS	Jewell Farm	99.89	48	Pdiff	Pdiff	06 16 01.0 +0.2
JFWS					IAMs_20	06 53 04.1
L42A	Oliver, Polo	100.00	49	IAMs_20	IAMs_20	06 57 13.1
Z50A	Ashland	100.06	58	Pdiff	Pdiff	06 16 01.4 -0.4
OLIL	Olney	100.09	52	IAMs_20	IAMs_20	06 57 53.9
CBOC	Ciudad Boliver	100.11	88	eP	Pdiff	06 16 08.6 +6.0
V48A	Smith Brothers	100.12	56	IAMs_20	IAMs_20	06 53 01.9
ORTC	Ortega, Tolima	100.16	90	eP	Pdiff	06 16 03.2 +0.5
USIN	University of	100.18	53	IAMs_20	IAMs_20	06 59 06.1
E38A	The Farms, Brul	100.22	44	IAMs_20	IAMs_20	06 53 52.0
O44A	Mansfield	100.27	51	IAMs_20	IAMs_20	06 58 42.4
RREF	El Recreo	100.41	89	eP	Pdiff	06 16 06.2 +1.7
GUY2C	Guayana, Caldas	100.50	88	eP	Pdiff	06 16 05.1 +0.4
ITAN	ITANAGAR	100.57	295	eP	Pdiff	06 16 03.1 -1.1
SWET	Sewanee	100.65	56	IAMs_20	IAMs_20	06 54 22.0
EYMN	Ely	100.69	43	Pdiff	Pdiff	06 16 04.4 +0.2
EYMN					IAMs_20	06 54 14.5
FPAL	Fort Payne	100.70	57	IAMs_20	IAMs_20	06 54 05.2
ZAK	Zakamsk	100.82	320	eP	Pdiff	06 16 04.1 -0.7
ZAK					pmax	06 26 40.2
ZAK					pmax	
ZAK					pmax	

IRK	Irkutsk	100.86	322	eP	Pdiff	06 16 03.8 -1.0
IRK					e	06 26 39.9
IRK					pmax	
P46A	Rosedale	101.03	52	IAMs_20	IAMs_20	06 58 49.5
TLY	Talaya	101.03	321	eP	Pdiff	06 16 05.8 +0.1
TLY					e	06 20 19.4
TLY					e	06 26 41.5
TLY					eSS	06 27 43.9
TLY					pmax	06 34 54.2 +13
TLY					MLR	06 59 11.9
H42A	Dräger Farm	101.12	47	IAMs_20	IAMs_20	06 54 26.6
W50A	Signal Mountai	101.13	57	IAMs_20	IAMs_20	06 58 12.7
WCI	Wyandotte Cave	101.29	53	IAMs_20	IAMs_20	06 54 14.5
L44A	Lake County Fo	101.29	49	Pdiff	Pdiff	06 16 08.4 +1.4
X51A	Lalhoun	101.30	57	IAMs_20	IAMs_20	06 59 33.1
SFIN	Lafayette	101.34	51	Pdiff	Pdiff	06 16 08.3 +1.1
SFIN					IAMs_20	07 00 17.7
ROSC	El Rosal	101.34	89	P	Pdiff	06 16 09.8 +1.4
ROSC					PP	06 20 19.9 +1.7
ROSC					PP	06 16 13.3 +2.7
TIGA	Titon	101.39	61	Pdiff	Pdiff	06 16 08.4 +0.8
BLO	Bloomington	101.40	52	IAMs_20	IAMs_20	06 59 36.4
SHL	Shilong	101.67	293	ex	Pdiff	06 16 07.0 -2.3
SHL					eP	06 16 10.0 +0.7
SHL					Pdiff	06 16 11.4 +2.1
Y52A	Lilburn	101.72	58	Pdiff	Pdiff	06 16 09.5 +0.4
Y52A					IAMs_20	07 00 37.3
PTBC	PUERTO BERRIO	101.79	87	eP	Pdiff	06 16 10.4 +0.5
CHIC	Chingaza	101.82	89	eP	Pdiff	06 16 13.3 +2.7
CPCT	Cooper Cave	101.82	57	IAMs_20	IAMs_20	06 54 04.9
Q48A	North Vernon	101.92	53	Pdiff	Pdiff	06 16 10.3 +0.5
061Z	Ochopoll	101.99	67	IAMs_20	IAMs_20	06 59 17.9
V51A	Loudon	102.06	56	IAMs_20	IAMs_20	06 58 42.2
GOGA	Godfrey	102.07	59	Pdiff	Pdiff	06 16 11.1 +0.5
154A	Montrose	102.12	60	IAMs_20	IAMs_20	07 00 02.1
W52A	Murphy	102.19	57	IAMs_20	IAMs_20	06 54 39.6
F42A	Maple Grove Fa	102.21	46	IAMs_20	IAMs_20	07 00 09.4
P48A	Milroy	102.30	52	Pdiff	Pdiff	06 16 10.9 -0.6
P48A					IAMs_20	06 59 29.2
L46A	Eue Claire	102.39	50	Pdiff	Pdiff	06 16 09.8 -2.1
L46A					IAMs_20	06 59 42.6
TKL	Tuckaleechee C	102.47	57	IAMs_20	IAMs_20	06 55 50.0
N47A	Urbana	102.50	51	Pdiff	Pdiff	06 16 09.6 -2.8
N47A					IAMs_20	07 01 20.6
Q49A	Aurora	102.56	53	Pdiff	Pdiff	06 16 11.2 -1.5
MOY	Moody	102.59	321	eP	Pdiff	06 16 14.0 +1.3
V52A	Sevierville	102.66	56	IAMs_20	IAMs_20	06 54 31.0
MTDJ	Mount Denham	102.69	75	IAMs_20	IAMs_20	06 52 11.5
M47A	Cromwell	102.69	50	Pdiff	Pdiff	06 16 10.7 -2.5
O48A	Farmland	102.72	52	Pdiff	Pdiff	06 16 13.5 +0.1
J45A	Montague	102.73	48	IAMs_20	IAMs_20	06 55 25.5
P49A	Miami Univ. Ec	102.84	52	Pdiff	Pdiff	06 16 14.3 +0.3
K46A	Dor	102.95	49	Pdiff	Pdiff	06 16 14.5 +0.1
N48A	Decatur	102.98	51	Pdiff	Pdiff	06 16 14.4 -0.1
I45A	Fountain	103.01	48	IAMs_20	IAMs_20	06 55 11.7
Q50A	Georgetown	103.20	53	Pdiff	Pdiff	06 16 16.1 +0.5
V53A	Saluda	103.22	57	IAMs_20	IAMs_20	06 56 35.0
X54A	Belton	103.26	58	Pdiff	Pdiff	06 16 16.6 +0.7
HODGE	Hodges	103.26	58	IAMs_20	IAMs_20	06 56 57.1
H45A	Seuliah	103.30	47	Pdiff	Pdiff	06 16 17.5 +1.6
O49A	Covington	103.31	52	Pdiff	Pdiff	06 16 16.4 +0.4
O49A					IAMs_20	07 00 00.9
CPUP	Villa Florida	103.31	125	Pdiff	Pdiff	06 16 18.9 +2.5
M48A	Edgerton	103.38	51	Pdiff	Pdiff	06 16 16.9 +0.6
M48A					IAMs_20	07 01 46.7
K47A	Vermontville	103.50	49	Pdiff	Pdiff	06 16 16.7 -0.2
I46A	Reed City	103.53	48	Pdiff	Pdiff	06 16 17.0 0.0
P50A	Jamestown	103.55	53	Pdiff	Pdiff	06 16 18.1 +1.0
W54A</						

26d 6h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like J54A Appleton, S5PA Standing Stone, MEDO Medina, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like F59A Saint Guillaume, D58A Chemin du Lac, LATQ La Tuque, etc.

1840

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like CHKK Chushkaly, AAA Alma-Ata, AAA Alma-Ata, etc.

26d 6h

Table with columns for event name, location, date, time, and various performance metrics (e.g., 143.68, 90eP, PKPab, 06 21 47.7 +0.4).

2014 APR

Table with columns for event name, location, date, time, and various performance metrics (e.g., 147.59 329 ePP, PP, 06 25 26.0 -0.4).

1842

Table with columns for event name, location, date, time, and various performance metrics (e.g., 149.17 349 ePKPdf, PKPdf, 06 22 00.5 +0.5).

Table with columns for station name, frequency, power, and other technical details. Includes stations like WERN, AMRR, NKCC, ISR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like STU, LEF, JMB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMTH, FEY, CETH, etc.

26d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSBE So Bento, SIVA Sivas, TRIP Tripoli, etc.

KRSC 26 06:08:02.61.0.48,34N;156.36E,h31km,20km,ML3.8, East of Kuril Islands

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

2014 APR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRMR Karymshinskiy, UGLV Uglovaya, UGHR Avacha, etc.

NEIC 26 06:12:00.3e1.5.67.82N;0.06:162.7W;0.2,h36km,8km, Error ellipse: s-maj=9.6km s-min=8.2km az=76.0

AEIC 26 06:11:59.1.5.67.77N;0.09:162.6W;0.2,h25km,8km, ML4.1/21, Error ellipse: s-maj=14.7km s-min=8.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RDG Red Dog Mine, ANM Nome, IMAR Indian Mountain, etc.

JMA 26 06:12:09.3.0.2,37.22N;144.60E,h39km, M4.3, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKH Ishinomakikobu, JIO Ouri, JKM Kesennumamotoy, etc.

IDC 26 06:12:48.9.3.5.30.58S;177.76W,h0km,mb4.1/2, mb1.4/4.2, mb1mx3.8/4.4, mbtmp4.1/2, Error ellipse: s-maj=80.8km s-min=32.3km az=121.0

NEIC 26 06:12:48.2.8.30.04S;0.07:177.8W;0.2,h75km,11km, mb4.6/9, Error ellipse: s-maj=28.3km s-min=8.8km az=81.0

IDC 26 06:12:58.1.1.3.29.97S;0.09:177.6W;0.2,h100km,n19, mb1.1/2.0, mb4.6/5.1C, Kermaide Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, OAU Omahuta, URZ Urewera, etc.

1844

az=176.0, ISC 26 06:53:16.9.0.8,8.34S;0.07:109.88E;0.04,h88km,8km, n39,r151/42,mb4.0/G,Java

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UGM Wanaagama, UGM Wanaagama, WOJ Wonogiri, etc.

NEIC 26 06:55:41.0.2.8.15S;0.2:178.7W;0.2,h10km,1km, mb4.5/5, Error ellipse: s-maj=43.9km s-min=10.7km az=130.0

IDC 26 06:55:42.6.3.3.13.78S;179.54W,h0km,mb3.6/5, mb1.4/0.5, mb1mx3.7/3.5, mbtmp3.6/5, MS4.4/1, Ms1.4/4.1, ms1mx3.4/3.6, Error ellipse: s-maj=202.8km s-min=28.3km az=146.0

ISC 26 06:55:40.1.0.8.15S;0.2:178.7W;0.2,h10km,n19, r155/19,2C,Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, VWA Vanda, OSPA South Pole Qui, etc.

SJA 26 07:01:19.1.0.6.34;12S;72.65W,h47km,7km,ML4.7, MW5.0

IDC 26 07:01:19.5.0.8.34;08S;72.14W,h0km,mb4.0/8, mb1.4/2.12, mb1mx4.1/2.6, mbtmp4.1/2, ML4.0/4, MS4.3/3, Ms1.4.3/3, ms1mx3.9/2.5, Error ellipse: s-maj=29.3km s-min=17.2km az=95.0

GUC 26 07:01:20.7.0.6.34;17S;72.20W,h33km,4km,ML4.5, NEIC 26 07:01:21.5.2.0.4.34;11S;0.06:72.1W;0.1,h14km,2km, mb4.8/39,ML4.5(GUC), Error ellipse: s-maj=13.2km s-min=8.1km az=98.0

VAO 26 07:01:25.4.1.1.34;17S;72.20W,h45km,13km,mb4.5, ISC 26 07:01:20.1.4.34;13S;0.03:72.29W;0.05,h7km,8km, n144,r15/15/146,mb4.7/25,4C-7D,Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MT01 Popeta, GO05 Huala, GO05 Huala, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRVK, PBKT, BOD, KNMB, etc.

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

ADC 26 07:56:42.6 0.6 0.41N-99.49E, h0km, mb4.5/31, m1 4.6/32, m1mx4.4/62, mbtmp4.5/32, ML4.9/1, MS3.9/3, M51 3.9/3, ms1mx3.4/45, Error ellipse: s-maj=20.2km s-min=13.3km az=45.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PDSI, SBSI, MNSI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PDSI, BKNI, SNSI, etc.

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

Table of astronomical observations for 2014 APR, including stations like MJAR, HIA, GEYT, and various array names such as ALIBECK ARRAY and Ussuriysk Arra. Columns include station name, coordinates, and observation details.

Table of astronomical observations for 2014 APR, including stations like PLOK, TESR, MLR, and various array names such as Ploestina, Tescani, and Muntele Rosu. Columns include station name, coordinates, and observation details.

Table of astronomical observations for 2014 APR, including stations like ASAR, JOW, FBOT, and various array names such as Alice Springs, Kunigami, and Forrest. Columns include station name, coordinates, and observation details.

26d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

2014 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

1850

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

BUI 26 10:00:40.2,0.0, 8.00S: 128.99E, h168km, mb4.8/21, mb4.7/33

IDC 26 10:00:46.7,2.0, 7.43S: 128.35E, h159km, 18km, mb4.2/21, mb1.4/2.25, mb1mx4.1/39, mbtmp4.7/25, Error ellipse: s-maj=12.6km s-min=8.6km az=53.0

NEIC 26 10:00:46.4,1.5, 7.47S: 0.07, 128.38E: 0.07, h158km, 7km, mb4.6/38, Error ellipse: s-maj=10.0km s-min=9.9km az=193.0

DJA 26 10:00:47.0,2.0, 8.2S: 129.12E, h163km, 3km, M4.7/30, 1mb4.7/30, mb5.2/17, MLV5.0/15, Mw(mb)4.6/17, Mw(p)0.1

ICM 26 10:00:55.0, 7.47S: 128.87E, h301km, mb4.8

ISL 26 10:00:45.0, 3.761S: 0.04, 128.33E: 0.05, h151km, n168, 1968/173, mb4.5/42, 1C, Banda SEA

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

INET 26 09:33:04.8, 12.36N-86.46W, h2km, ML3.6, Nicaragua

IDC 26 09:50:45.2, 1.2, 7.00S: 154.70E, h0km, mb4.0/10, mb1.4/2.11, mb1mx4.0/35, mbtmp4.0/11, ML4.2/1, MS3.1/4, Ms 1.1/4, ms1mx2.7/35, Error ellipse: s-maj=31.1km s-min=22.7km az=119.0

NEIC 26 09:50:51.4, 0.6, 6.97S: 0.07, 154.6E: 0.1, h41km, 9km, mb4.4/9, Error ellipse: s-maj=20.5km s-min=4.4km az=115.0

ISC 26 09:50:50.9, 0.8, 7.00S: 0.10, 154.7E: 0.1, h39km, n34, 4972/2, mb4.2/14, MS3.1/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

SNET 26 09:26:38.5, 2.2, 12.29N-87.89W, h15km, 16km, ML3.6

UCR 26 09:26:38.3, 2.2, 12.22N-87.78W, h15km, ML3.6, mb4.3(NEIC)

INET 26 09:26:39.4, 1.2, 16.18N-87.75W, h26km, ML3.8

IDC 26 09:26:40.4, 1.8, 12.20N-87.66W, h52km, 21km, mb3.6/8, mb1.3/8/11, mb1mx3.5/42, mbtmp3.7/11, ML2.9/3, Error ellipse: s-maj=43.6km s-min=11.1km az=40.0

NEIC 26 09:26:40.5, 1.3, 12.21N: 0.06, 87.71W: 0.06, h38km, 14km, mb4.3/23, Error ellipse: s-maj=9.1km s-min=7.4km az=46.0

ISC 26 09:26:40.8, 1.4, 12.26N: 0.08, 87.69W: 0.05, h47km, 12km, n63, 1945/83, mb4.2/16, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like SDDR Presa de Saban, W41B Gary Mavity, X34A Smith Ranch, etc.

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like T54A Tazewell, R32A Long Quarter, V59A Middlesex, etc.

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like M44A Midewin, CBN Corbin Frederi, CBN Corbin Frederi, etc.

1855

N59A	baz=193,SNR=5.7	30.25	25	P	P	13 39 25.1	+0.1
L55A	Hinsdale baz=207,SNR=7.6	30.33	21	P	P	13 39 24.9	-0.8
M58A	Price's Panora baz=211,SNR=13	30.35	24	P	P	13 39 25.4	+0.5
I47A	Gladwin baz=195	30.42	11	P	P	13 39 26.4	0.0
N60A	Cedar Hill Farm baz=214	30.49	26	P	P	13 39 26.9	-0.2
BRNJ	Basking Ridge comp=Z,40nm,0.9s	30.57	27	Iamb	Iamb	13 39 28.2	
L56A	Greenwood baz=209,SNR=7.5	30.59	22	P	P	13 39 27.2	-0.9
L56A	Greenwood comp=Z,41nm,0.9s	30.59	22	Iamb	Iamb	13 39 27.9	
K54A	Basilliko Farm, baz=206,SNR=11	30.62	20	P	P	13 39 27.4	-0.8
J52A	Paris baz=203,SNR=10	30.64	17	P	P	13 39 27.3	-1.1
L57A	Andrews Acres baz=215,SNR=8.6	30.74	23	P	P	13 39 28.7	-0.6
KSPA	Keystone Colle comp=Z,38nm,1.2s	30.79	25	Iamb	Iamb	13 39 29.8	
SPMN	Marine on St. baz=173	30.88	359	P	P	13 39 30.9	+0.5
M59A	Waymart baz=213,SNR=5.9	30.91	25	P	P	13 39 30.6	-0.2
K55A	Perry baz=208,SNR=9.0	30.93	21	P	P	13 39 30.2	-0.8
I51A	Listowel baz=202,SNR=9.1	31.01	16	P	P	13 39 30.4	-1.2
M60A	Port Jervis baz=215	31.07	26	P	P	13 39 31.4	-0.8
PAL	Palisades baz=216	31.13	28	P	P	13 39 31.9	-0.7
L58A	Harry Jones Me baz=212,SNR=12	31.16	24	P	P	13 39 32.5	-0.5
K56A	Middlesex baz=209,SNR=20	31.17	22	P	P	13 39 32.2	-0.9
GLMI	Graying baz=194	31.18	11	P	P	13 39 31.9	-1.2
G45A	Suttons Bay baz=192,SNR=7.8	31.21	9	P	P	13 39 32.6	-0.8
J54A	Appleton baz=206,SNR=5.1	31.23	20	P	P	13 39 32.4	-1.2
J54A	Appleton comp=Z,43nm,0.9s	31.23	20	Iamb	Iamb	13 39 33.2	
BINY	Binghamton baz=212,SNR=14	31.24	24	P	P	13 39 33.1	-0.6
MPMC	Manual Prospec baz=128	31.28	318	P	P	13 39 36.2	+1.9
RSSD	Black Hills comp=Z,10,0nm,0.6s	31.40	344	P	Pmax	13 39 34.6	-0.7
RSSD	Black Hills baz=158	31.40	344	P	P	13 39 36.0	+0.7
RSSD	Black Hills baz=143	31.40	344	P	P	13 39 34.6	-0.7
I53A	Kortright Cn E baz=204	31.43	18	P	P	13 39 34.4	-0.9
M61A	Granite Spring baz=216	31.44	27	P	P	13 39 34.3	-1.0
DUG	Dugway, Tocoee baz=140,SNR=8.7	31.45	329	P	P	13 39 38.2	+2.5
I52A	Shelburne baz=203	31.49	17	P	P	13 39 34.9	-1.0
K57A	Scipio Center baz=210,SNR=9.8	31.49	23	P	P	13 39 35.0	-0.9
J55A	Hilton baz=208	31.50	21	P	P	13 39 34.5	-1.4
J55A	Hilton comp=Z,22nm,0.8s	31.50	21	Iamb	Iamb	13 39 35.5	
R11A	Troy Canyon, C baz=133	31.60	324	P	P	13 39 40.0	+2.9
L59A	Walton baz=213,SNR=6.1	31.61	25	P	P	13 39 36.7	-0.3
L59A	Walton comp=Z,41nm,1.0s	31.61	25	Iamb	Iamb	13 39 37.9	
L60A	Shokan baz=215	31.79	26	P	P	13 39 37.9	-0.7
J56A	Wolcott baz=209,SNR=21	31.84	22	P	P	13 39 38.2	-0.7
K58A	Earlville baz=212,SNR=14	31.85	24	P	P	13 39 38.3	-0.8
F45A	CMU Biological baz=192	31.86	9	P	P	13 39 38.3	-0.7
HWUT	Hardware Ranch comp=Z,25nm,1.2s	31.95	332	Iamb	Iamb	13 39 44.3	
BW06	Boulder Array baz=147,SNR=3.3	32.05	336	P	P	13 39 42.4	+1.3
PDAR	Pinedale Array comp=Z,6.9nm,1.0s,baz=139,slow=9.8,SNR=24	32.05	336	P	P	13 39 41.6	+0.5
PDAR	Pinedale Array comp=Z,1.1nm,0.7s,baz=136,slow=4.2,SNR=4.4	32.05	336	P	P	13 39 41.6	+1.2
PDAR	Pinedale Array comp=Z,1.1nm,0.7s,baz=136,slow=4.2,SNR=4.4	32.05	336	P	P	13 39 42.6	+1.6
PDAR	Pinedale Array comp=Z,1.1nm,0.7s,baz=136,slow=4.2,SNR=4.4	32.05	336	P	P	13 39 42.7	+3.6
H52A	Wyevale baz=203,SNR=6.6	32.09	17	P	P	13 39 40.0	-1.1
K59A	Cooperstown baz=213	32.18	25	P	P	13 39 41.7	-1.0
YES	Vestal, Richgr baz=125	32.20	317	P	P	13 39 45.1	+2.9
L61A	Hillsdale 1, H baz=216	32.24	27	P	P	13 39 41.8	-0.7
J57A	Williamstown baz=210,SNR=7.9	32.27	23	P	P	13 39 41.9	-0.8
J57A	Williamstown comp=Z,50nm,1.2s	32.27	23	Iamb	Iamb	13 39 42.4	
M63A	Gales Ferry baz=219	32.30	29	P	P	13 39 42.4	-0.6
E43A	Lone Tree Farm comp=Z,17nm,0.8s	32.34	7	Iamb	Iamb	13 39 43.5	
I55A	Frankford baz=207,SNR=20	32.38	20	P	P	13 39 42.5	-1.2
H53A	Bobcaygeon baz=205,SNR=30	32.42	19	P	P	13 39 42.8	-1.1
J58A	Remsen baz=212,SNR=5.1	32.50	23	P	P	13 39 43.7	-1.0
J58A	Remsen comp=Z,20nm,0.9s	32.50	23	Iamb	Iamb	13 39 44.6	
F48A	Evansville baz=198	32.53	13	P	P	13 39 43.3	-1.6
F49A	Sandfield baz=199	32.60	13	P	P	13 39 43.8	-1.7
K61A	Williamstown baz=216	32.75	26	P	P	13 39 46.5	-0.5
H55A	Tweed baz=208,SNR=11	32.85	20	P	P	13 39 46.6	-1.1
J59A	Plesco baz=213,SNR=7.6	32.89	24	P	P	13 39 46.9	-1.3
J59A	Plesco comp=Z,30nm,1.0s	32.89	24	Iamb	Iamb	13 39 49.6	
I58A	Old Forge baz=212,SNR=17	32.90	24	P	P	13 39 47.2	-1.1
G53A	Haliburton baz=205,SNR=17	32.90	18	P	P	13 39 46.9	-1.3
E47A	Iron Bridge baz=196	33.00	12	P	P	13 39 48.0	-1.0
J60A	Lant Hill Farm baz=215	33.15	26	P	P	13 39 50.5	+0.1
H56A	Elgin baz=209,SNR=11	33.20	21	P	P	13 39 49.6	-1.1
E48A	Lockeeyar baz=198	33.25	13	P	P	13 39 50.0	-1.2
NVAR	Mina Array Bea comp=Z,12nm,0.7s,baz=137,slow=8.7,SNR=40	33.26	321	P	P	13 39 53.7	+2.0
NVAR	Mina Array Bea comp=Z,12nm,0.7s,baz=137,slow=8.7,SNR=40	33.26	321	P	P	13 39 54.1	+2.4
NVAR	Mina Array Bea comp=Z,12nm,0.7s,baz=137,slow=8.7,SNR=40	33.26	321	P	P	13 39 54.3	+2.6
F51A	Arnstein baz=202,SNR=5.6	33.27	16	P	P	13 39 50.0	-1.5
D46A	Sault St. Mari baz=193,SNR=12	33.28	10	P	P	13 39 49.8	-1.6
L64A	Middleborough baz=220,SNR=8.2	33.29	30	P	P	13 39 51.0	-0.6
F52A	Sundridge baz=203,SNR=9.7	33.31	17	P	P	13 39 50.2	-1.6
G54A	Lake St. Peter baz=206,SNR=19	33.31	18	P	P	13 39 50.5	-1.3
PLVO	Plevna comp=Z,37nm,0.9s	33.31	20	Iamb	Iamb	13 39 51.3	
HRV	Adam Dzewonksk baz=218	33.39	28	P	P	13 39 51.2	-1.2
I59A	Olmsteadville baz=214	33.42	25	P	P	13 39 51.2	-1.5
NCB	Newcomb comp=Z,24nm,0.8s	33.43	24	Iamb	Iamb	13 39 53.2	

2014 APR

KVN	Kaiserville comp=Z,19nm,1.0s	33.54	322	Iamb	Iamb	13 40 01.9	
D47A	Chapleau baz=196	33.61	11	P	P	13 39 53.0	-1.3
G55A	Calogie baz=206,SNR=11	33.62	20	P	P	13 39 53.2	-1.2
I60A	Shoreham baz=215,SNR=8.8	33.70	25	P	P	13 39 54.4	-0.8
H17A	Grant Village baz=197,SNR=16	33.82	336	P	P	13 39 59.0	+2.5
H17A	Grant Village comp=Z,25nm,1.2s	33.82	336	Iamb	Iamb	13 40 02.5	
H58A	Gabriels baz=212,SNR=5.8	33.82	24	P	P	13 39 55.0	-1.2
LONY	Lake Ozonia baz=212,SNR=11	33.84	23	P	P	13 39 55.2	-1.1
LKWY	Lake comp=Z,19nm,1.1s	33.90	337	Iamb	Iamb	13 40 01.0	
E51A	Harris Merrick baz=202,SNR=17	33.95	16	P	P	13 39 55.9	-1.4
E52A	Mattawa baz=204	33.95	17	P	P	13 39 55.6	-1.6
RLMT	Red Lodge baz=150,SNR=10	33.95	338	P	P	13 39 58.5	+0.9
RLMT	Red Lodge comp=Z,26nm,1.4s	33.95	338	Iamb	Iamb	13 39 59.9	
D48A	Paudash Townsh baz=198	33.99	13	P	P	13 39 55.8	-1.8
MDND	Maddock baz=167,SNR=6.2	34.03	351	P	P	13 39 57.6	-0.5
AGMN	Agassiz Nation baz=143,SNR=5.1	34.07	356	P	P	13 39 58.2	-0.1
AGMN	Agassiz Nation comp=Z,12nm,0.8s	34.07	356	Iamb	Iamb	13 39 59.2	
G57A	Newington baz=213,SNR=6.9	34.10	22	P	P	13 39 57.5	-1.1
ORIO	Orleans, Innes baz=210,SNR=16	34.21	21	P	P	13 39 58.6	-0.9
ORIO	Orleans, Innes comp=Z,21nm,0.9s	34.21	21	Iamb	Iamb	13 39 59.7	
J63A	Stratford baz=218	34.21	28	P	P	13 39 58.9	-0.7
F55A	Otter Lake baz=208,SNR=8.1	34.26	20	P	P	13 39 59.0	-1.0
E53A	Dumoine, Ponti baz=206,SNR=9.2	34.32	18	P	P	13 39 59.1	-1.4
FRNY	Flat Rock comp=Z,14nm,0.9s	34.40	24	Iamb	Iamb	13 40 01.8	
D50A	G1974 Best Tow baz=202,SNR=5.5	34.44	15	P	P	13 39 59.8	-1.7
PNTR	Pine Nut comp=Z,14nm,0.8s	34.46	321	Iamb	Iamb	13 40 08.4	
D51A	Lot 18 Range I baz=212,SNR=9.3	34.49	16	P	P	13 40 00.3	-1.7
E54A	La Chapl, Po baz=206,SNR=25	34.52	19	P	P	13 40 01.0	-1.3
H60A	Morristown baz=215	34.53	25	P	P	13 40 01.1	-1.3
F57A	Harrington baz=211	34.81	22	P	P	13 40 04.3	-0.5
E55A	Montcerf-Lytto baz=208	34.90	20	P	P	13 40 04.2	-1.3
D53A	Lac Vachie, Po baz=213,SNR=22	34.95	18	P	P	13 40 04.9	-1.0
I63A	Otisfield baz=219	35.04	28	P	P	13 40 05.9	-0.9
G60A	Masonville baz=219	35.12	25	P	P	13 40 06.5	-0.9
E56A	St. Veronique baz=210,SNR=24	35.32	21	P	P	13 40 08.2	-1.0
D54A	Lac Fusel, L baz=207,SNR=20	35.33	19	P	P	13 40 07.8	-1.4
PTGA	Pitinga baz=215,SNR=9.9	35.35	112	P	P	13 40 09.4	-0.4
PTGA	Pitinga comp=Z,27nm,2.0s	35.35	112	eP	P	13 40 09.4	-0.4
MFID	Camas Ranch comp=Z,12nm,0.8s	35.35	330	Iamb	Iamb	13 40 15.3	
DGMT	Dagmar baz=180,SNR=6.5	35.50	346	P	P	13 40 11.1	+0.5
E57A	Chemin Saint G baz=211,SNR=8.7	35.52	22	P	P	13 40 10.2	-0.7
D55A	Sainte-Anne-du baz=209,SNR=27	35.59	20	P	P	13 40 10.2	-1.2
E58A	La Victoria baz=213	35.81	23	P	P	13 40 12.2	-1.1
D56A	ZEC Mazanza, M baz=190,SNR=14	35.85	21	P	P	13 40 12.5	-1.2
ORV	Oroville comp=Z,5.0nm,0.9s	35.92	320	P	P	13 40 13.6	-0.8
ORV	Oroville comp=Z,5.0nm,0.9s	35.92	320	P	P	13 40 13.6	-0.8
VLDO	Val d'Or comp=Z,14nm,0.						

Table with columns for station code, name, frequency, and signal strength. Includes stations like OKH, JAR, JMWK, KMINR, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like USRK, MAJO, MAJO, MAJO, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like BOD, TIK, TIXI, etc.

26d 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ILAR Eielson Array, XAN X'ian, and KURK Kurchatov.

2014 APR

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK Kurchatov, RES Resolute Bay, and YKA Yellowknife Ar.

1858

Table with columns for station name, frequency, power, and other technical details. Includes stations like KULLO Kullorsuaq, SANO Sanana, and DMN Daman.

26d 13h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TIRR, HARR, VRAC, etc.

2014 APR

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BR131, BRTR, BRTR, etc.

1860

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like E64A, BFO, BFO, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HNR Honiara, PMG Port Moresby, MTSU Mount Surprise, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LEM Lembang, TJSN Taejon, KRSR KRSR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like YAK, YAK, ZAK ZAK, etc.

Table with columns: Station Name, Frequency, Power, SNR, and other technical details for stations like H11N1, H11N2, H11N3, etc.

IDC 26 16:27:59.8, 1.7, 7.2AS, 155.14E, h0km, mb3.7/6, mb1 3.9/8, mb1mx3.7/32, mbtmp3.7/8, ML 1.7/1, Error ellipse: s-maj=43.4km s-min=24.9km az=128.0

ISC 26 16:28:07.0, 1.3, 6.9S, 0.1, 155.0E, 0.1, h41km, n8, 0.195/10, mb3.6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, SNR, and other technical details for stations like KRVT, PMG, WRA, ASAR, CMAR, SONM, MKAR, YKA.

NIED 26 16:35:00, 28.60N, 129.90E, h50km, Mw4.4 Best double couple: Mo=4.11000e-15, NP1=39.00000, delta1.00000, delta2.00000, delta3.00000, delta4.00000, delta5.00000, delta6.00000, delta7.00000, delta8.00000, delta9.00000, delta10.00000, delta11.00000, delta12.00000, delta13.00000, delta14.00000, delta15.00000, delta16.00000, delta17.00000, delta18.00000, delta19.00000, delta20.00000, delta21.00000, delta22.00000, delta23.00000, delta24.00000, delta25.00000, delta26.00000, delta27.00000, delta28.00000, delta29.00000, delta30.00000, delta31.00000, delta32.00000, delta33.00000, delta34.00000, delta35.00000, delta36.00000, delta37.00000, delta38.00000, delta39.00000, delta40.00000, delta41.00000, delta42.00000, delta43.00000, delta44.00000, delta45.00000, delta46.00000, delta47.00000, delta48.00000, delta49.00000, delta50.00000, delta51.00000, delta52.00000, delta53.00000, delta54.00000, delta55.00000, delta56.00000, delta57.00000, delta58.00000, delta59.00000, delta60.00000, delta61.00000, delta62.00000, delta63.00000, delta64.00000, delta65.00000, delta66.00000, delta67.00000, delta68.00000, delta69.00000, delta70.00000, delta71.00000, delta72.00000, delta73.00000, delta74.00000, delta75.00000, delta76.00000, delta77.00000, delta78.00000, delta79.00000, delta80.00000, delta81.00000, delta82.00000, delta83.00000, delta84.00000, delta85.00000, delta86.00000, delta87.00000, delta88.00000, delta89.00000, delta90.00000, delta91.00000, delta92.00000, delta93.00000, delta94.00000, delta95.00000, delta96.00000, delta97.00000, delta98.00000, delta99.00000, delta100.00000

MOS 26 16:35:24.7, 1.1, 28.5S, 129.83E, h62km, mb4.4/6, Error ellipse: s-maj=10.1km s-min=7.3km az=109.2

JMA 26 16:35:25.5, 0.1, 28.63N, 129.80E, h45km, mb2km, M4.3

JMA Felt 1 J1

IDC 26 16:35:25.7, 1.3, 28.60N, 129.81E, h52km, 12km, mb3.8/19, mb1 3.9/24, mb1mx3.8/50, mbtmp3.8/24, ML 3.4/5, MS3.2/7, Ms1 3.3/7, ms1mx2.9/55, Error ellipse: s-maj=17.8km s-min=7.8km az=116.0

NEIC 26 16:35:26.2, 1.6, 28.59N, 129.79E, 0.1, h56km, 7km, mb4.5/24, Error ellipse: s-maj=15.9km s-min=3.1km az=109.0

ISC 26 16:35:26.0, 0.7, 28.54N, 129.87E, 0.0, h61km, 5km, n143, 0.194/162, mb4.3/42, 4C-5D, Ryukyu Islands

Table with columns: Code, Station Name, Frequency, Power, SNR, and other technical details for stations like JZK, JAM, JATJ, JTK, JJK, JKE, JYAK, JYK, JYJ, JYH, JYI, JYJ, JYK, JYL, JYM, JYN, JYO, JYU, JYV, JYW, JYX, JYY, JYZ, JZA, JZB, JZC, JZD, JZE, JZF, JZG, JZH, JZI, JZJ, JZK, JZL, JZM, JZN, JZO, JZP, JZQ, JZR, JZS, JZT, JZU, JZV, JZW, JZX, JZY, JZZ.

JOW Kunigami 2.21 220 P Pn 16 36 20.0 -0.2

JOW Kunigami 2.21 220 P Pn 16 36 26.9 +0.1

JOW Kunigami 2.21 220 P Pn 16 36 59.9 -0.6

JOW Kunigami 2.21 220 P Pn 16 36 26.1 -0.6

JOW Kunigami 2.21 220 P Pn 16 36 00.1 -0.4

JOW Kunigami 2.21 220 P Pn 16 36 00.6 -0.4

JOW Kunigami 2.21 220 P Pn 16 36 26.3 -1.5

JOW Kunigami 2.21 220 P Pn 16 36 01.0 -0.8

JOW Kunigami 2.21 220 P Pn 16 36 27.6 -1.6

JOW Kunigami 2.21 220 P Pn 16 36 05.2 -1.4

JOW Kunigami 2.21 220 P Pn 16 36 35.5 -0.5

JOW Kunigami 2.21 220 P Pn 16 36 07.9 -1.6

JOW Kunigami 2.21 220 P Pn 16 36 39.3 -3.6

JOW Kunigami 2.21 220 P Pn 16 36 09.7 -1.0

JOW Kunigami 2.21 220 P Pn 16 36 41.2 -3.9

JOW Kunigami 2.21 220 P Pn 16 36 11.4 -0.3

JOW Kunigami 2.21 220 P Pn 16 36 45.6 -1.2

JOW Kunigami 2.21 220 P Pn 16 36 17.6 -0.7

JOW Kunigami 2.21 220 P Pn 16 36 56.6 -2.1

JOW Kunigami 2.21 220 P Pn 16 36 34.0 +0.3

JOW Kunigami 2.21 220 P Pn 16 36 02.0 -0.2

JOW Kunigami 2.21 220 P Pn 16 36 26.9 +0.1

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JOW Kunigami 2.21 220 P Pn 16 36 01.0 -0.8

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JOW Kunigami 2.21 220 P Pn 16 36 34.0 +0.3

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JOW Kunigami 2.21 220 P Pn 16 36 11.4 -0.3

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JOW Kunigami 2.21 220 P Pn 16 36 56.6 -2.1

JOW Kunigami 2.21 220 P Pn 16 36 34.0 +0.3

JOW Kunigami 2.21 220 P Pn 16 36 02.0 -0.2

JOW Kunigami 2.21 220 P Pn 16 36 26.9 +0.1

JOW Kunigami 2.21 220 P Pn 16 36 59.9 -0.6

JOW Kunigami 2.21 220 P Pn 16 36 26.1 -0.6

JOW Kunigami 2.21 220 P Pn 16 36 00.1 -0.4

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JOW Kunigami 2.21 220 P Pn 16 36 35.5 -0.5

JOW Kunigami 2.21 220 P Pn 16 36 07.9 -1.6

JOW Kunigami 2.21 220 P Pn 16 36 39.3 -3.6

JOW Kunigami 2.21 220 P Pn 16 36 09.7 -1.0

JOW Kunigami 2.21 220 P Pn 16 36 41.2 -3.9

JOW Kunigami 2.21 220 P Pn 16 36 11.4 -0.3

JOW Kunigami 2.21 220 P Pn 16 36 45.6 -1.2

JOW Kunigami 2.21 220 P Pn 16 36 17.6 -0.7

JOW Kunigami 2.21 220 P Pn 16 36 56.6 -2.1

JOW Kunigami 2.21 220 P Pn 16 36 34.0 +0.3

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JOW Kunigami 2.21 220 P Pn 16 36 59.9 -0.6

JOW Kunigami 2.21 220 P Pn 16 36 26.1 -0.6

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JOW Kunigami 2.21 220 P Pn 16 36 26.3 -1.5

JOW Kunigami 2.21 220 P Pn 16 36 01.0 -0.8

JOW Kunigami 2.21 220 P Pn 16 36 27.6 -1.6

JOW Kunigami 2.21 220 P Pn 16 36 05.2 -1.4

JOW Kunigami 2.21 220 P Pn 16 36 35.5 -0.5

JOW Kunigami

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MTN, SOEI, SOEI, BATI, EDFI, FITZ, FITZ, WRA, WRA, AS31, ASAR, ASAR, ASAR, CTAO, CTAO, FORT, FORT, XMSI, XMSI, YULB, YULB, TPUB, TPUB, JOW, JOW, MKAR, MKAR.

BYKL 26 16:56:23.0±0.2, 54:92N x 110:59E, h20km±5km, 2C-3D, Lake Baykal region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YLYR, YLYR, YLYR, YLYR, KMO, KMO, KMO, NIZ, NIZ, NIZ, NIZ, SYVR, SYVR, SYVR, SYVR, YOA, YOA, YOA, YOA, UKT, UKT, UKT, UKT, SVKR, SVKR, SVKR, SVKR, OGRR, OGRR, OGRR, OGRR, ZRHB, ZRHB, TRTB, TRTB, NLYR, NLYR, NLYR, NLYR, TRG, TRG, TRG, TRG, CIT, CIT, CIT, CIT, BOD, BOD, BOD, BOD, UDDB, UDDB, UDDB, UDDB, FFNB, FFNB, STDB, STDB, HRMR, HRMR, HRMR, HRMR, BGT, BGT, BGT, BGT, LSTR, LSTR, LSTR, LSTR, CRSS, CRSS, CRSS, CRSS, IVK, IVK, IVK, IVK, TLY, TLY, TLY, TLY, KPC, KPC, KPC, KPC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TUP, TUP, ARSHAN, ARSHAN, ARS, ARS, ARS, ARS, MOY, MOY, MOY, MOY, ORL, ORL, ORL, ORL, TDJUR, TDJUR, TDJUR, TDJUR, ARDAR, ARDAR.

BYKL 26 16:56:27.0±0.3, 54:91N x 110:63E, h22km±7km, Lake Baykal region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YLYR, YLYR, YLYR, YLYR, KMO, KMO, KMO, NIZ, NIZ, NIZ, NIZ, SYVR, SYVR, SYVR, SYVR, YOA, YOA, YOA, YOA, UKT, UKT, UKT, UKT, SVKR, SVKR, SVKR, SVKR, OGRR, OGRR, OGRR, OGRR, ZRHB, ZRHB, TRTB, TRTB, NLYR, NLYR, NLYR, NLYR, TRG, TRG, TRG, TRG, CIT, CIT, CIT, CIT, BOD, BOD, BOD, BOD, UDDB, UDDB, UDDB, UDDB, FFNB, FFNB, STDB, STDB, HRMR, HRMR, HRMR, HRMR, BGT, BGT, BGT, BGT, LSTR, LSTR, LSTR, LSTR, CRSS, CRSS, CRSS, CRSS, IVK, IVK, IVK, IVK, TLY, TLY, TLY, TLY, KPC, KPC, KPC, KPC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DLBC, DLBC, KDAK, KDAK, KDAK, ILAR, ILAR, YBH, YBH, YKA, YKA, YKA, NVAR, NVAR, PDAR, PDAR, NOA, NOA.

IDC 26 17:12:48.5±2.4, 6:62S, 154:94E, h0km, mb3.5/4, mb1.3/7.6, mb1mx3.5/4.2, mbmtmp3.6/6, ML1.4/1, MS3.0/2, Ms1.3/0.2, ms1mx2.6/2.4, Error ellipse: s-maj=53.7km s-min=31.4km az=105.0

ISC 26 17:12:57.3±1.5, 6:55S±0.1, 154:7E±0.1, h56km, n17, 0566/18, mb3.5/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT, KRVT, KRVT, HNR, HNR, PMG, PMG, PMG, WRA, WRA, ASAR, ASAR, CMAR, CMAR, ODAN, ODAN, JIRN, JIRN, GUN, GUN, PKI, PKI, PKIN, PKIN, DMN, DMN, GKN, GKN, KOLN, KOLN, DANN, DANN, MKAR, MKAR, TORD, TORD.

NEIC 26 17:25:34.7±2.9, 9:95S±0.08, 120:81E±0.08, h72km±12km, mb4.0/10, Error ellipse: s-maj=12.2km s-min=11.1km az=71.0

DJA 26 17:25:35.8±0.3, 10°S±4' × 121°1'E±1', h42km±14km, M3.7/12, mb4.0/9, MLV3.6/12

IDC 26 17:25:36.2±3.4, 9:89S, 120:91E, h75km±31km, mb3.5/3, mb1.3/6.7, mb1mx3.3/3.3, mbmtmp3.8/7, MS2.5/2, Ms1.2/5/2, ms1mx2.3/3.0, Error ellipse: s-maj=110.0km s-min=20.2km az=61.0

ISC 26 17:25:34.9±0.6, 9:97S±0.05, 120:94E±0.05, h72km, n40, 0241/46, mb3.8/5, Sumba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BASI, BASI, EDFI, EDFI, WBSI, WBSI, MMRI, MMRI, MMRI, MMRI, SOEI, SOEI, SOEI, SOEI, PLAI, PLAI, BKSI, BKSI, BBSI, BBSI, KAPI, KAPI, KAPI, KAPI, JAGI, JAGI, JAGI, JAGI, FITZ, FITZ, FITZ, FITZ, SANI, SANI, SANI, SANI, KNRA, KNRA, MTN, MTN, MTN, MTN, GIRL, GIRL, WRA, WRA, WRA, WRA, WRA, WRAB, WRAB, WRAB, WRAB, WB2, WB2, WB2, WB2, WR0, WR0, KKM, KKM, AS31, AS31, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, MORW, MORW, MORW, MORW, BKNi, BKNi, NWA0, NWA0, NWA0, NWA0, BBOO, BBOO, SONM, SONM, MK31, MK31, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, ZALV, ZALV, ZALV, ZALV.

MAN 26 17:36:18.8, 4.646N, 123.30E, h30km, mb4.2, ML3.0, MS2.6, 2C-2D, Mindanao

IDC 26 17:37:06.5, 0.8, 7.87N, 127.19E, h0km, mb3.9/10, mb1.4, 0/12, mb1mx3.7/52, mbtmp3.9/12, ML3.6/2, Error ellipse: s-maj=30.0km s-min=15.0km az=81.0

MAN 26 17:37:07.9, 7.62N, 127.49E, h35km, mb4.8, ML3.7, MS3.7

NEIC 26 17:37:12.4, 2.0, 7.80N, 10.09, 127.12E, 0.10, h45km, 6km, mb4.2/21, Error ellipse: s-maj=14.0km s-min=12.1km az=73.0

ISC 26 17:37:10.8, 1.7, 7.82N, 0.04, 127.17E, 0.07, h29km, 12km, n57, 158/71, mb4.2/20, 1C-3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Dipolog City, Pagadian, Sibulan, Tagbilaran, Candoni, Negro, Cotabato-PC H, Maasin, Guinayanang, etc.

mb4.5/14, mb4.9/4, MLV5.1/3, Mw(mB)4.2/4, Mwp5.3/1

ISC 26 17:43:18.0, 0.4, 6.63S, 0.05, 154.70E, 0.06, h48km, n110, 151/110, mb4.7/46, MS3.6/12, 2C, Bougainville-Solomon Islands region

MAN 26 17:43:35.5, 7.67N, 127.14E, h12km, mb4.8, ML3.7, MS3.7, 1C-3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Rabaul, Keravat, Honiara, Port Moresby, etc.

MAN 26 17:43:35.5, 7.67N, 127.14E, h12km, mb4.8, ML3.7, MS3.7, 1C-3D, Philippine Islands region

IDC 26 17:48:53.4, 1.1, 35.23N, 70.42E, h77km, mb4.2/8, Error ellipse: s-maj=8.1km s-min=5.1km az=83.0

IDC 26 17:48:53.2, 2.6, 35.20N, 70.43E, h61km, 24km, mb3.6/20, mb1.3/8/25, ms1mx3.6/52, mbtmp4.0/25, ML4.1/6, MS3.2/13, MS1.3/1/3, ms1mx3.0/44, Error ellipse: s-maj=14.5km s-min=11.7km az=8.0

BUI 26 17:48:53.6, 0.0, 35.26N, 70.38E, h79km, mb4.7/23, mb4.4/28, MS3.8/8, MS7.3/5.6

NEIC 26 17:48:54.5, 1.2, 35.21N, 0.06, 70.41E, 0.06, h71km, 6km, mb4.6/46, Error ellipse: s-maj=8.4km s-min=6.6km az=203.0

NVC 26 17:48:55.2, 2.5, 35.63N, 70.18E, h0km, mb4.8, mpv4.7, Error ellipse: s-maj=27.4km s-min=10.8km az=157.0

ISC 26 17:48:54.0, 3.3, 35.21N, 0.04, 70.43E, 0.04, h71km, n197, 157/204, mb4.4/51, 7C-11D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Petkovsk, Chiang Mai, Magadan, Songino Array, etc.

IDC 26 17:43:14.8, 4.5, 6.69S, 154.79E, h22km, 27km, mb4.0/16, mb1.4/2/19, mb1mx4.0/42, mbtmp4.2/19, ML3.6/3, MS3.6/14, MS1.3/6/14, ms1mx3.3/33, Error ellipse: s-maj=21.9km s-min=15.9km az=106.0

NEIC 26 17:43:16.7, 2.7, 6.58S, 0.07, 154.68E, 0.07, h40km, 6km, mb4.9/55, Error ellipse: s-maj=10.6km s-min=9.4km az=187.0

DJA 26 17:43:23.1, 0.7, 7.54, 15.5E, h39km, 7km, M4.8/14,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PXZ Pawanuhi, PNHZ Pukenui, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR 9.9nm, 0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DDA 26 19:28:17.4, 37.69N, 42.76E, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FOZ Fox Glacier, LBZ Lake Benmore, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 26 19:07:54.6, 1.1, 43.80N, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BLIS Blitis-Merkez, GURO Guroymak-BITLI, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BBOO Buckleboob, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RSSD Black Hills, K22A Casper, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IEPN 26 19:51:02.0, 81.54N, 68.31E, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, YPR Pitchstone Pla, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KRSC 26 19:55:33.1, 2.3, 48.03N, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FFC Filin Flon, D41A Chassat, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JMA 26 19:57:44.2, 0.2, 37.21N, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NNC 26 19:05:50.6, 2.1, 11.37S, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NNC 26 19:26:07.4, 4.1, 36.76N, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JMA 26 20:08:00, 41.80N, 142.20E, etc.

NEIC 26 22:46:12.4±1.8, 45.87°N, 0.05±106.68°W, 0.06, h0km, 2km, ML3.1/57, Error ellipse: s-maj=9.1km s-min=7.6km az=12.0

ISC 26 22:46:11.8±0.8, 45.85°N, 0.05±106.54°W, 0.05, h0km, n94, c125/96, Montana

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists stations like LASA Array, Red Lodge, Greycliff, Black Hills, Yellowstone No, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists stations like Cerro Verde, San Blas, Universidad Ev, etc.

IDC 26 22:56:02.6±1.7, 44.5°N, 154.63°E, h0km, mb3.7/4, mb1 3.7/4, mb1mx3.6/23, mb1mp3.7/4, Error ellipse: s-maj=176.1km s-min=38.1km az=108.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists stations like Alice Springs, Songo Array, Makanchi Array, etc.

LDG 26 23:18:10.4±0.2, 44.42°N, 151.07°E, h16km, ML2.5/15, Error ellipse: s-maj=4.4km s-min=1.7km az=148.0

RHSSO 26 23:18:11.5±0.5, 44.51°N, 151.01°E, h8km, 3km, ML2.7/10, PRU 26 23:18:13.1±0.4, 44.66°N, 151.19°E, h0km

VIE 26 23:18:14.6±0.8, 44.73°N, 14.98°E, h6km, 3km, mb2.1/7, mb2.4/12, Error ellipse: s-maj=4.3km s-min=2.9km az=123.0 82 km SSE of Rijeka

ISC 26 23:18:10.3±0.9, 44.47°N, 150.02°E, h12km, 6km, n58, c251/104, 1C-2D, Adriatic Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists stations like Novalja, Dugi Otok, Rijeka, Zagreb, Makarska, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists stations like MOTA, RETA, PGF, KRUC, etc.

IDC 26 23:21:01.6±3.8, 28.49°N, 140.80°E, h0km, mb3.8/3, mb1 3.7/5, mb1mx3.3/45, mb1mp3.6/5, ML3.7/1, Error ellipse: s-maj=79.8km s-min=33.2km az=110.0

ISC 26 23:21:03.5±2.6, 28.44°N, 102.05°E, h19km, n6, c053/6, mb3.7/4, Sichuan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists stations like Chiang Mai, Songo Array, Makanchi Array, etc.

KRNET 26 23:38:47.4±0.1, 40.59°N, 78.89°E, mb2.0, NNC 26 23:38:47.3±0.3, 40.42°N, 78.56°E, h0km, mb2.0, mpv2.5, Error ellipse: s-maj=18.2km s-min=14.7km az=178.0

ISC 26 23:38:50.3±2.3, 42.32°N, 0.1°E, h16km, 12km, n9, c2505/14, 4C-6D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists stations like Shalkode, Przhval, Uzb, etc.

KRNET 27 00:13:34.9±0.1, 41.71°N, 72.78°E, h19km, mb3.3, SOME 27 00:13:35.7, 41.83°N, 72.77°E, h10km

ISU 27 00:13:36.0, 41.60°N, 72.40°E, h5km, NNC 27 00:13:36.0±1.2, 41.80°N, 72.82°E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=10.8km s-min=4.1km az=178.0

ISC 27 00:13:36.0±1.2, 41.84°N, 0.03°E, h3km, 10km, n78, c1865/20, 33C-15D, Kyrgyzstan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists stations like Almayashu, Merke, Erkin-Say, etc.

SNET 26 22:51:56.4±1.1, 13.21°N, 89.64°W, h18km, 7km, ML3.0, 1D, El Salvador

1-180.00000. NP2=117.00000. S90.00000.
1-1.00000. Principal axes: T 6.9340, P1g1.00000.
Azm162.00000; N -0.7980, P1g89.00000; Azm283.00000;
P -6.1350, P1g1.00000; Azm72.00000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function
ISC 27.00:59.51.2.0.4.56.115.0.10.143.47W.0.09, h10km, n98,
r137/64, mb4.8/17, MS4.5/22.1C, Pacific-Antarctic
Ridge

Table with columns: Code, Station Name, Delta A, AZ, Op, Phase ID, ISC, Time, Res, h, s, ISC. Lists various seismic stations and their associated data points.

Table with columns: RAGM, Station Name, Time, Res, h, s, ISC. Lists seismic events with station names like RAGM Rugged Mountain, NJ2 Nanjing, ILAR Elieison Array, etc.

VAO 27.01:09:47.0t.1.1, 15:57S:72:87W, h58km, 8km, mb4.8
NEIC 27.01:09:50.0.2.4, 15:61S:07:72.74W, 0.09, h95km, 5km,
mb4.1/19, Error ellipse: s-maj=12.9km s-min=-9.2km
az=58.0

ICD 27.01:09:51.9.0.7, 15:57S:72:78W, h107km, 6km, mb4.1/11,
mb1 4.2/14, mb1mx4.0/31, mbtmp4.4/14, MS3.4/3,
Ms1 3.5/3, ms1mx3.0/20, Error ellipse: s-maj=17.9km
az=58.0

ISC 27.01:09:50.7.0.4, 15:71S:05:72:83W, 0.07, h102km,
n114, r165/117, mb4.4/17, 1C, 4D, Southern Peru

Table with columns: Code, Station Name, Delta A, AZ, Op, Phase ID, ISC, Time, Res, h, s, ISC. Lists seismic stations and their associated data points.

Table with columns: ZARC, Station Name, Time, Res, h, s, ISC. Lists seismic events with station names like ZARC Zaragoza, CAUC, FRBT Fartura, etc.

MAN 27.01:16:16.2, 12:67N:122:13E, h20km, mb4.4, ML3.3,
MS3.1, Luzon

ICD 27.01:41:38.1:17.0, 20:50N:144:39E, h0km, Error ellipse:
s-maj=232.3km s-min=21.2km az=101.0, Mariana
Islands

Table with columns: Code, Station Name, Delta A, AZ, Op, Phase ID, ISC, Time, Res, h, s, ISC. Lists seismic stations and their associated data points.

TIF 27.01:42:54.1, 42:99N:45:02E, h4km, 1km
DRD 27.01:42:54.5:0.0, 42:91N:45:07E, h12km
ICD 27.01:42:55.0:0.5, 42:97N:45:17E, h3km, mb4.3/25,
mb1 4.4/31, mb1mx4.3/49, mbtmp4.3/31, ML3.6/6, MS3.5/21,
Ms1 3.5/21, ms1mx3.4/46, Error ellipse: s-maj=12.5km
s-min=7.1km az=174.0

NORS 27.01:42:54.9:0.0, 42:82N:45:80E, h6km, MPVA5.1
BUI 27.01:42:54.1:0.0, 43:55N:45:24E, h21km, mb4.9/25,
mb4.7/33, Ms4.2/11, Ms7 4.0/9

MOS 27.01:42:56.3:1.1, 43:02N:45:88E, h13km, mb4.7/26,
MS3.6/13, Error ellipse: s-maj=3.8km s-min=3.0km
az=41.4

NEIC 27.01:42:57.2:1.6, 43:02N:0:03:45:88E, 0.07, h10km, 1km,
mb4.6/82, Error ellipse: s-maj=9.5km s-min=4.3km
az=66.0

NNC 27.01:42:59.5:2.4, 43:13N:46:36E, h2km, 43km, mb4.7,
Error ellipse: s-maj=37.9km s-min=18.1km az=78.0

ISC 27.01:42:57.0.6, 42:99N:02:45:83E, 0.11, h15km, 4km,
n479, r178/532, mb4.5/91, MS3.8/20, 69C-31D, Eastern
Caucasus

Table with columns: Code, Station Name, Delta A, AZ, Op, Phase ID, ISC, Time, Res, h, s, ISC. Lists seismic stations and their associated data points.

27d 1h

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

2014 APR

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

1878

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, AS31 Alice Springs, FITZ Fitzroy Crossi, etc.

IDC 27 03:30:56.8:113.0,20'50N:144'44E,h0km, Error ellipse: s-maj=222.7km s-min=22.4km az=100.0, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

MAN 27 03:37:34.5, 15'21N:120'39E, h133km, mb4.7, ML3.6, MS3.5

IDC 27 03:37:35.6:1.1, 15'12N:120'56E, h161km, 11km, mb3.6/9, mb1 3.7/9, mb1mx3/3/39, mbtmp4.0/9, Error ellipse: s-maj=44.3km s-min=14.3km az=69.0

IDC 27 03:37:34.0:0.8, 15'22N:120'05E, h147km, 7km, n18, c0576/25, mb3.8/9, 2C, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCPH Palayan, TGY Tagaytay City, BALP Baier, etc.

IDC 27 03:44:02.8:140.0,20'47N:144'49E,h0km, Error ellipse: s-maj=276.8km s-min=23.9km az=102.0, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

IDC 27 04:01:56.1:123.0,20'49N:144'43E,h0km, Error ellipse: s-maj=243.5km s-min=22.3km az=101.0, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

IDC 27 04:15:16.0:0.7, 10'S:5'11'9E, h10km, 4km, M4.3/12, mb4.8/3, mb4.6/4, MLV4.1/12, Mw(mb)4.1/3

IDC 27 04:15:5.0:6.10,04S:0'05E:119.04E, h33km, n50, c2500/54, mb4.3/11, Sumba region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WBSI Waikabubak, Su, BASI Baing, Sumba, PLAI Plampang, etc.

IDC 27 04:18:54.3:129.0,20'48N:144'50E,h0km, Error ellipse: s-maj=256.1km s-min=24.3km az=101.0, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

ROM 27 04:21:16.6:0.3, 45'56N:0'01E:141'21E:0'03, h10km, ML2.7/5, Error ellipse: s-maj=2.3km s-min=1.6km az=255.0

LJU 27 04:21:16.2, 45'56N:14'27E, h19km, ML2.2

RHSSO 27 04:21:17.4:0.7, 45'55N:14'30E, h7km, 2km, ML2.4/6

PRU 27 04:21:20.0:0.4, 45'77N:14'34E, h19km

ISC 27 04:21:17.0:0.8, 45'57N:14'21E:142'14E:0'01, h15km, 5km, n83, c0579/146, 7C-BD, Northwestern Balkan Peninsula

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

IDC 27 04:18:54.3:129.0,20'48N:144'50E,h0km, Error ellipse: s-maj=256.1km s-min=24.3km az=101.0, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

ROM 27 04:21:16.6:0.3, 45'56N:0'01E:141'21E:0'03, h10km, ML2.7/5, Error ellipse: s-maj=2.3km s-min=1.6km az=255.0

LJU 27 04:21:16.2, 45'56N:14'27E, h19km, ML2.2

RHSSO 27 04:21:17.4:0.7, 45'55N:14'30E, h7km, 2km, ML2.4/6

PRU 27 04:21:20.0:0.4, 45'77N:14'34E, h19km

ISC 27 04:21:17.0:0.8, 45'57N:14'21E:142'14E:0'01, h15km, 5km, n83, c0579/146, 7C-BD, Northwestern Balkan Peninsula

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GBRS Gornja Briga, GBRS Gornja Briga, CRNS Crni Vrh, etc.

IDC 27 04:18:54.3:129.0,20'48N:144'50E,h0km, Error ellipse: s-maj=256.1km s-min=24.3km az=101.0, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

ROM 27 04:21:16.6:0.3, 45'56N:0'01E:141'21E:0'03, h10km, ML2.7/5, Error ellipse: s-maj=2.3km s-min=1.6km az=255.0

LJU 27 04:21:16.2, 45'56N:14'27E, h19km, ML2.2

RHSSO 27 04:21:17.4:0.7, 45'55N:14'30E, h7km, 2km, ML2.4/6

PRU 27 04:21:20.0:0.4, 45'77N:14'34E, h19km

ISC 27 04:21:17.0:0.8, 45'57N:14'21E:142'14E:0'01, h15km, 5km, n83, c0579/146, 7C-BD, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVLJ Novolja, NVLJ Novolja, PTJ Pantjarka, etc.

IDC 27 04:18:54.3:129.0,20'48N:144'50E,h0km, Error ellipse: s-maj=256.1km s-min=24.3km az=101.0, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

ROM 27 04:21:16.6:0.3, 45'56N:0'01E:141'21E:0'03, h10km, ML2.7/5, Error ellipse: s-maj=2.3km s-min=1.6km az=255.0

LJU 27 04:21:16.2, 45'56N:14'27E, h19km, ML2.2

RHSSO 27 04:21:17.4:0.7, 45'55N:14'30E, h7km, 2km, ML2.4/6

PRU 27 04:21:20.0:0.4, 45'77N:14'34E, h19km

ISC 27 04:21:17.0:0.8, 45'57N:14'21E:142'14E:0'01, h15km, 5km, n83, c0579/146, 7C-BD, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVLJ Novolja, NVLJ Novolja, PTJ Pantjarka, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like WTTA Wattenberg, WATA Walderalm, CONA Conrad Observa, etc.

ISK 27 04:26:16.9, 36.11N, 30.91E, h21km, ML2.8/3
DDA 27 04:26:17.7, 36.21N, 30.85E, h36km, 3km, ML2.5
NIC 27 04:26:18.4, 0.0, 36.11N, 30.93E, h53km, 9km, ML2.7/3

Main table for station data in Turkey, including stations like AKUM Antalya-Kumluc, KEMT Kemer-ANTALYA, AKAS Akamas, etc.

Table for station data in Greece, including stations like CHV1 Chavriata, KIP1 Kipouria, LXRA Lixouri, etc.

IDC 27 04:33:02.3, 1.5, 5.58S, 150.09E, h0km, mb3.5/2,
mb1 4.0/4, mb1mx3.6/30, mbtp3.9/4, ML2.0/1, MS3.0/1,
Ms1 3.0/1, ms1mx2.4/31, Error ellipse: s-maj=80.3km
s-min=21.6km az=135.0, New Britain region

Table for station data in Indonesia, including stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga, etc.

NEIC 27 04:39:30.0, 4.1, 28.00S, 0.07, 66.42W, 0.09, h175km, 7km,
Error ellipse: s-maj=12.8km s-min=8.8km az=116.0
SJA 27 04:39:30.0, 0.5, 27.93S, 66.52W, h199km, 4km, ML4.1,

IDC 27 04:39:31.4, 1.8, 27.88S, 66.46W, h160km, 16km, mb3.9/5,
mb1 3.8/10, mb1mx3.6/27, mbtp4.2/10, Error ellipse:
s-maj=19.6km s-min=14.5km az=73.0
VAO 27 04:39:36.2, 1.4, 27.66S, 66.63W, h232km, 10km, mb4.3
ISC 27 04:39:31.0, 0.5, 27.91S, 0.05, 66.52W, 0.06, h167km, n82,
c146/95, mb4.2/5, 5C-10, Catamarca Province

Main table for station data in Indonesia, including stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga, etc.

Main table for station data in Mexico, including stations like PEL Peldehue, PEL Peldehue, ROC1 El Roble, etc.

IDC 27 04:49:03.9, 122.0, 20.49N, 144.47E, h0km, Error ellipse:
s-maj=241.0km s-min=23.3km az=101.0, Mariana Islands

Table for station data in the Mariana Islands, including stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

IDC 27 04:52:29.7, 123.0, 20.49N, 144.55E, h0km, Error ellipse:
s-maj=243.2km s-min=25.6km az=100.0, Mariana Islands

Table for station data in the Mariana Islands, including stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

ASRS 27 05:00:13.0, 52.77N, 87.97E, M2.9, Industrial explosion
(after: The Earthquakes of Russia in 2012. Obninsk, GS
RAS, 204p + CD-ROM, 2014)

IDC 27 05:00:15.9, 0.7, 52.94N, 87.94E, h0km, mb3.7/11,
mb1 3.8/16, mb1mx3.6/88, mbtp3.7/16, ML3.4/5, MS3.0/7,
Ms1 3.0/7, ms1mx2.6/51, Error ellipse: s-maj=11.7km
s-min=9.1km az=139.0
NMC 27 05:00:18.4, 1.6, 52.70N, 87.72E, h0km, mb4.5, mpv4.3,
Error ellipse: s-maj=13.7km s-min=5.8km az=81.0,
Suspected Mining explosion.

ISC 27 05:00:15.7, 0.8, 52.83N, 0.07, 87.89E, 0.06, h0km, n35,
c1922/42, mb3.8/11, 13C-13D, Southwestern Siberia

Table for station data in Southwestern Siberia, including stations like ZAA0 Zalesovo Array, ZAA0 Zalesovo, etc.

Table with columns: KUU, Kurly, 1.99 333 eP, Pb, 06 44 54.4 +0.6, etc. Includes stations like Kurly, Karayagbulak, Arharly, etc.

IDC 27 06:56:27.0:1.2, 6:55S:155:26E, h0km, mb4.0/8, mb1 4.2/11, mb1mx4.0/27, mbtmp4.0/11, ML3.2/3, MS3.2/8, Ms1 3.2/8, ms1mx2.9/45, Error ellipse: s-maj=37.7km s-min=20.4km az=75.0

IDC 27 06:56:31.7:1.2, 6:55S:0:155:26E:0:06, h35km,2km, mb4.1/13, Error ellipse: s-maj=20.3km s-min=10.1km az=174.0

IDC 27 06:56:27.3:0.5, 6:50S:0:06:155:34E:0:05, h10km, n43, c2509/42, mb4.1/12, MS3.1/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Includes stations like Rabaul, Karavat, Krvt, etc.

Table with columns: FITZ, Fitzroy Crossi, 31.17 246 P P, 07 02 45.4 -1.3, etc. Includes stations like Fitzroy Crossi, BBOO, SNZO, etc.

DJA 27 07:13:49.8:0.3, 9°S:4°10'E, h10km, M4.3/12, mb4.6/1, MLv4.2/12, Jawa

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Includes stations like YOGI, UGM, WONO, etc.

IDC 27 07:22:52.1:113.0, 20°50N:144°43E, h0km, Error ellipse: s-maj=223.0km s-min=22.2km az=100.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Includes stations like H11S3, H11S1, H11S2, etc.

IDC 27 07:29:52.7:1.2, 15°35N:96°51E, h0km, mb3.6/7, mb1 3.7/8, mb1mx3.4/53, mbtmp3.6/8, ML4.2/1, MS3.2/10, Ms1 3.2/10, ms1mx2.9/47, Error ellipse: s-maj=26.8km s-min=21.2km az=73.0

NEIC 27 07:29:56.0:1.2, 15°3N:0°1:96°5E:0:1, h24km,7km, mb4.1/6, Error ellipse: s-maj=19.3km s-min=15.0km az=46.0

IDC 27 07:29:53.0:0.9, 15°22N:0°08:96°37E:0:07, h10km, n53, c155/57, mb3.8/9, MS3.3/7, Near south coast of Myanmar

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Includes stations like MHMT, CM01, CM02, etc.

IDC 27 07:31:57.4:1.6, 33°31N:95°34E, h0km, mb3.3/4, mb1 3.5/6, mb1mx3.3/52, mbtmp3.3/6, ML2.7/1, MS2.8/2, Ms1 2.8/2, ms1mx2.3/31, Error ellipse: s-maj=72.5km s-min=24.7km az=65.0

IDC 27 07:32:01.8:1.1, 33°3N:0°1:95°1E:0:2, h35km, n9, c1915/7, mb3.4/4, Qinghai

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Includes stations like MKAR, KURB, POO, etc.

IDC 27 07:46:34.0:3.1, 5:03S:133°77E, h0km, mb3.8/1, mb1 3.7/3, mb1mx3.4/24, mbtmp3.5/3, ML3.4/2, MS2.9/3, Ms1 3.0/3, ms1mx2.4/44, Error ellipse: s-maj=130.4km s-min=28.9km az=82.0, Aru Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Includes stations like JAY, KRA, WRA, etc.

Table with columns: LEM, Lembang, 24.58 152 LR LR, 07 02 45.4 -1.3, etc. Includes stations like Lembang, MKAR, MKAR, etc.

DDA 27 07:30:35.6:38°51N:43°03E, h8km,2km, ML2.0, ISK 27 07:30:36.9:38°45N:42°93E, h6km, ML2.5/6, ISK 27 07:30:36.8:1.0, 38°45N:0°05:42°99E:0:04, h10km, gkm, n12, c1920/18, Turkey

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

IDC 27 07:30:48.3:3.5, 5:96S:147°75E, h0km, mb3.7/2, mb1 3.8/4, mb1mx3.4/42, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=76.0km s-min=42.2km az=97.0, Eastern New Guinea region

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

IDC 27 07:31:57.4:1.6, 33°31N:95°34E, h0km, mb3.3/4, mb1 3.5/6, mb1mx3.3/52, mbtmp3.3/6, ML2.7/1, MS2.8/2, Ms1 2.8/2, ms1mx2.3/31, Error ellipse: s-maj=72.5km s-min=24.7km az=65.0

IDC 27 07:32:01.8:1.1, 33°3N:0°1:95°1E:0:2, h35km, n9, c1915/7, mb3.4/4, Qinghai

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Includes stations like MKAR, KURB, POO, etc.

IDC 27 07:39:15.0:99.0, 20°53N:144°28E, h0km, Error ellipse: s-maj=195.3km s-min=19.1km az=100.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Includes stations like H11S3, H11S1, H11S2, etc.

IDC 27 07:46:34.0:3.1, 5:03S:133°77E, h0km, mb3.8/1, mb1 3.7/3, mb1mx3.4/24, mbtmp3.5/3, ML3.4/2, MS2.9/3, Ms1 3.0/3, ms1mx2.4/44, Error ellipse: s-maj=130.4km s-min=28.9km az=82.0, Aru Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, etc. Includes stations like JAY, KRA, WRA, etc.

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like ARXS Arharly, ARXS Arharly, ARXS Arharly, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, and various codes. Includes stations like KRVT Keravat, KRVT Keravat, KRVT Keravat, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, and various codes. Includes stations like MSVF Nonsavu, MSVF Nonsavu, MSVF Nonsavu, etc.

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like BBOO Buckleboo, BBOO Buckleboo, BBOO Buckleboo, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, and various codes. Includes stations like PFVI Vila Bisbo, PFVI Vila Bisbo, PFVI Vila Bisbo, etc.

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like PCVE Barranco-do-Ve, PCVE Barranco-do-Ve, PCVE Barranco-do-Ve, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, and various codes. Includes stations like H11S3 WAKE ISLAND, H11S3 WAKE ISLAND, H11S3 WAKE ISLAND, etc.

27d 8h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, VTS, Vitosha, Pn, Sn. Contains station data for various locations like CEME, BUM, BSM, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, VTS, Vitosha, Pn, Sn. Contains station data for various locations like WTTA, WATA, WAT, etc.

1890

Station data for stations like WTTA, WATA, WAT, SQT, SQA, etc. with columns: Code, Station Name, Az, Phase ID, Time, Res, VTS, Vitosha, Pn, Sn.

Station data for stations like WTTA, WATA, WAT, SQT, SQA, etc. with columns: Code, Station Name, Az, Phase ID, Time, Res, VTS, Vitosha, Pn, Sn.

1891

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TTSI Tana Toraja, KKM Kuta Kinabalu, SBUM Sibiu, etc.

IDC 27 08:44:17.1, 1.4, 7.43S, 154.73E, h0km, mb4.0/1, mb1 4.2/13, mb1mx4.0/46, mbtmp4.0/13, ML1.5/1, Error ellipse: s-maj=41.1km s-min=20.0km az=125.0

IDC 27 08:44:21.9, 1.0, 7.28S, 0.10, 154.7E, 0.1, h27km, n14, a127/16, mb4.0/11, Bougainville-Solomon Islands region

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Arr, TORO Torodi Ar. Bea.

IDC 27 08:56:07.2, 1.5, 7.09S, 155.07E, h0km, mb3.7/8, mb1 4.0/9, mb1mx3.8/34, mbtmp3.7/9, ML3.3/1, Error ellipse: s-maj=45.7km s-min=24.2km az=126.0

IDC 27 08:56:13.9, 1.1, 7.05S, 0.1, 154.9E, 0.2, h41km, n10, a104/11, mb3.7/8, Bougainville-Solomon Islands region

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

OSPL 27 08:58:01.9, 2.0, 19.82N, 78.06W, h0km, 125km, MD4.7, ML3.2

SSNC 27 08:58:02.6, 2.7, 19.44N, 78.11W, h27km, 31km, MD3.6, ML3.3, MW3.9

JSN 27 08:58:04.3, 0.8, 19.47N, 77.94W, h43km, 159km, MD4.1

IDC 27 08:57:59.6, 1.0, 19.50N, 0.05, 78.08W, 0.05, h10km, n19, a124/28, 5C-3D, Cuba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBJ Montego Bay, LMGC Las Mercedes, LMGC Stoney Hill, etc.

IDC 27 08:59:12.2, 1.4, 7.30S, 154.82E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.6/34, mbtmp3.6/6, ML3.9/1, Error ellipse: s-maj=40.5km s-min=26.5km az=120.0

IDC 27 08:59:16.9, 1.2, 7.35S, 0.2, 154.8E, 0.2, h31km, n7, a190/8, mb3.5/5, Bougainville-Solomon Islands region

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

IDC 27 09:16:29.6, 3.3, 4.92S, 133.65E, h0km, mb3.4/1, mb1 3.5/4, mb1mx3.4/27, mbtmp3.4/4, ML3.0/3, Error ellipse: s-maj=136.3km s-min=31.9km az=82.0, Irian Jaya region

UCR 27 09:16:37.9, 1.0, 9.61N, 85.24W, h16km, 12km, MD3.8, 1D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUAI GUAI, JTS Las Juntas de Palo Verde, CASO Castillo, etc.

27d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COLC Universidad de, NY14 NY14, HORNC Hornillas, etc.

JMA 27 09:50:05.0, 2.4, 65'N, 122.40E, h27km, 3km, M2.6

TAP 27 09:50:05.1, 2.4, 69'N, 122.40E, h18km, 1km, ML3.3, 8

IDC 27 09:50:05.1, 2.0, 24.70N, 0.03, 122.41E, 0.02, h18km, 3km, n61, a047/113, 1D, Taiwan region

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

1899

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SPSI Sidrap Palu, WBSI Waikabubak, and many others.

2014 APR

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like GYA GYA, GYA GYA, and many others.

27d 13h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like TLY Talaya, TAPN Tapejung, and many others.

27d 14h

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

NEIC 27 14:14:46.3:1.7, 6.96S:154.77E, h0km, mb3.6/14, mb1 3.8/6, mb1mx3.5/37, mbtmp3.6/6, ML1.4/1, Error ellipse: s-maj=38.2km s-min=28.6km az=116.0

ISC 27 14:14:52.0:1.4, 6.95S:154.8E, h1km, n7, c1993/9, mb3.6/4, Bougainville-Solomon Islands region

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

DMN 27 14:22:12.1:0.9, 30.62N:83.39E, h0km, mb3.6/14, mb1 3.7/15, mb1mx3.6/50, mbtmp3.6/15, ML2.6/1, MS3.3/3, Ms1 3.3/3, ms1mx2.8/38, Error ellipse: s-maj=25.8km s-min=17.9km az=56.0

DMN 27 14:22:14.7:0.7, 31.12N:83.31E, h10km, ML1/2, Error ellipse: s-maj=15.4km s-min=6.4km az=145.0

BUI 27 14:22:17.4:0.0, 30.82N:83.50E, h7km, mb4.2/1, mb4.1/7, MS3.8/2, Ms7.3/7.2

NDI 27 14:22:20.9:1.8, 30.39N:83.39E, h18km, ML3/6, ISC 27 14:22:15.0:0.6, 30.87N:0.06:83.27E:0.09, h11km, n42, c1968/38, mb3.7/13, MS3.2/3, Xizang

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

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Table with columns: JIRN, Jiri, 4.09 141 ePn Pn, 14 23 18.7 +0.8, etc. Includes stations like DDI, DDI, DDI, etc.

ISC 27 14:32:37.4:1.7, 6.72S:154.81E, h0km, mb3.5/5, mb1 3.7/7, mb1mx3.5/30, mbtmp3.6/7, ML1.5/1, MS2.8/1, Ms1 2.8/1, ms1mx2.4/22, Error ellipse: s-maj=43.7km s-min=26.2km az=119.0

ISC 27 14:32:46.5:1.5, 6.75S:0.1:154.5E:0.2, h56km, n9, c047/10, mb3.5/5, Bougainville-Solomon Islands region

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

NEIC 27 14:44:14.8:1.9, 42.13N:0.04:123.75W:0.08, h21km, 8km, Error ellipse: s-maj=9.2km s-min=4.1km az=116.0

PNSN 27 14:44:16.3:4.2, 09N:123.71W, h35km, MD2.9, Fault plane solution: NPT=160.00000; 840.00000; -1.70.00000; Hypocentre not verified by ISC

SEA 27 14:44:16.2:1.0, 42.09N:0.05:123.75W:0.1, h36km, 10km, ML2.6/4, Error ellipse: s-maj=14.0km s-min=4.8km az=119.0

ANF 27 14:44:16.1:0.4, 42.08N:123.73W, h30km, 2km, ML2.6/10, Error ellipse: s-maj=5.0km s-min=1.6km az=75.0

ISC 27 14:44:16.1:1.5, 42.09N:0.03:123.72W:0.06, h29km, 16km, n28, c057/33, Oregon

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

1902

Table with columns: KCPM, Cahto Peak, 2.40 177 Pn Pn, 14 44 53.0 +0.0, etc. Includes stations like H04D, H04D, H04D, etc.

NEIC 27 14:45:57.9:1.6, 20.16S:0.04:70.96W:0.08, h14km, 6km, mb4.0/2, Mw3.8/29, Error ellipse: s-maj=10.8km s-min=6.1km az=100.0

ISC 27 14:45:57.0:1.7, 20.01S:70.70W, h0km, mb3.9/3, mb1 4.1/5, mb1mx3.8/30, mbtmp4.0/5, ML3.8/2, MS2.7/2, Ms1 2.7/2, ms1mx2.6/22, Error ellipse: s-maj=44.6km s-min=17.6km az=66.0

GUC 27 14:45:58.9:0.6, 20.14S:70.93W, h41km, 1km, ML3.9, NEIC 27 14:45:58.2:20.14S:70.97W, h10km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr:6.65; Mw:0.03; Mw:6.61; Mo:1.24; Mo:2.16; Mo:1.77; Fault plane solution: Mt:3000.000104 NPT=160.00000; 837.09000; 199.74000; NP2=157.44000; 853.53000; 182.71000; Principal axes: T:7.0148, P:90.0000; Azm:37.0000; N:0.5445, P:66.0000; Azm:162.0000; P:-7.5593, P:68.0000; Azm:253.0000;

ISC 27 14:45:55.6:1.7, 20.05S:0.03:71.03W:0.06, h10km, 9km, n56, c1917/64, mb3.9/3, 9C-5D, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TA02, TA02, TA02, etc.

ISC 27 14:56:48.3:4.5, 18.03S:172.19W, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.5/36, mbtmp3.6/3, ML2.8/1, Error ellipse: s-maj=124.9km s-min=30.4km az=118.0, Tonga Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
				Op	ISC	h m s	ISC
AFI	Afiamalau	4.11	6	Ph	Pn	14 57 51.9	-0.6
0.6nm, 0.3s, baz=237, slow=22, SNR=1.3							
AFI				Sn	Sn	14 58 43.0	+1.5
1.2nm, 0.3s, baz=221, slow=21, SNR=1.7							
WRA	Warramunga Arr	50.42	259	P	P	15 05 47.7	-0.3
0.5nm, 0.6s, baz=98, slow=6.4, SNR=9.1							
ASAR	Allice Springs	50.45	254	P	P	15 05 48.1	-0.1
0.6nm, 0.8s, baz=91, slow=8.1, SNR=15							
BRTR	Keskin Array B	148.91	319	PKPbc	PKPbc	15 16 38.4	-0.1
0.2nm, 0.5s, baz=66, slow=3.6, SNR=2.1							

BJI 27 15:13:52.5-0.0, 55.00N; 111.42E, h10km, mB4.8/46, mb4.6/50, Ms4.9/60, Ms7.4/759
MOS 27 15:13:53.3-1.0, 54.85N; 111.27E, h9km, mb5.0/71, Ms4.7/20, Error ellipse: s-maj=5.0km s-min=-3.7km az=82.6
MOS Felt (IV) at Ulyunkhan.
IDC 27 15:13:53.4-0.4, 54.88N; 111.35E, h0km, mb4.5/30, mb1.4/6/36, mb1mx4.5/44, mbmp4.5/36, ML4.0/5, MS4.3/36, Ms1.4/3/36, ms1mx4.2/50, Error ellipse: s-maj=10.5km s-min=9.0km az=165.0
NEIC 27 15:13:54.9-1.2, 54.88N; 0.06; 111.25E; 0.10, h10km, mb5.1/355, Error ellipse: s-maj=11.0km s-min=9.5km az=344.0
SOME 27 15:13:54.6-0.0, 55.09N; 111.03E, h0km, mb5.1/5, Ms4.3/9
GCMT 27 15:13:55.9-0.3, 54.96N; 0.02; 111.29E; 0.04, h30km
MW4.9/83, Moment Tensor Solution. -s55c70; -s83c125; Duration: 0. Moment tensor. Scale 10¹⁶N; Mrr-3.21e-16; Mth-0.57e-10; Mtt-2.64e-11; Ml-0.22e-15; Mll-3.02e-06; Mlr-0.28e-13; Best double couple: M33, 25800x10¹⁶ NP1: φ=204.00000°, δ=2.00000°, λ=-92.00000°. NP2: φ=27.00000°, δ=48.00000°, λ=-88.00000°. Principal axes: T 3.2850, Plg3.0000, Azm116.0000; N -0.0560, Plg1.0000, Azm206.0000; P -3.2310, Plg87.0000, Azm319.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
BYKL 27 15:13:59.3-0.2, 54.87N; 111.24E, h19km, 2km, Mw4.9/13(IEC), STATIONS AAK ERM INCN KEV KMI LVZ PET SFJD SSE TATO TIXI WMQ XAN FELT I=V MSK at Ulyunkhan, Kuchiger, IV at Malskiy, Arzgun, Mogoyto, Sakhuli, Kumora, Verkhnyaya Zaimka, Novyy Uoyan, III-IV at Alla, Argada, Kurumkan, Varvarinsky, Nizhneangarsk, Severobaykalsk, Uakit.
BGR 27 15:14:02.4-0.0, 55.52N; 111.94E, h42km, 3km, mb4.6
ISC 27 15:13:56.4-0.5, 54.90N; 0.02; 111.24E; 0.02, h19km, 1km, n940, e1948/1059, mb5.0/272, MS4.5/63, 31C-65D, Lake Baykal region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
				Op	ISC	h m s	ISC
YLVR	Ulyunkhan	0.05	238	i/Pg	Pg	15 14 00.1	+0.3
YLVR				i/Sg	Sg	15 14 02.9	+0.8
YLVR	Ulyunkhan	0.05	238	i/Pg	Pg	15 14 03.9	+0.5
YLVR				e/S	Sg	15 14 02.9	+0.7
KMO	Kumora	0.99	359	i/Pg	Pb	15 14 14.8	+0.1
KMO				Pmax	Pb	15 14 15.3	
KMO				e/Sg	Sb	15 14 28.5	+1.0
KMO				Smax	Sb	15 14 29.4	
KMO	51μm, 1.1s						
KMO	Kumora	0.99	359	i/Pg	Pb	15 14 14.8	+0.1
KMO				e	Pb	15 14 27.6	
KMO				Pmax	Pb	15 14 27.6	
KMO	comp=Z, 17μm, 0.4s			Pmax	Pb	15 14 19.9	+0.3
KMO	comp=N, 116μm, 1.1s						
YOA	Uoyan	1.26	12	i/Pg	Pb	15 14 19.9	+0.3
YOA				Pmax	Pb	15 14 21.6	
YOA	comp=N, 23μm, 0.5s			e/Sg	Sg	15 14 37.8	+0.5
YOA				e/Sb	Sb	15 14 40.8	+0.5
YOA				e	Sb	15 14 41.7	
YOA	comp=N, 6μm, 0.5s						
YOA	Uoyan	1.26	12	i/Pg	Pb	15 14 20.0	+0.3
YOA				i	Pb	15 14 38.1	
YOA	comp=Z, 20μm, 0.3s						
YOA	comp=N, 307μm, 0.5s						
NIZ	Nizh Angarsk	1.30	313	i/Pg	Pb	15 14 20.4	+0.1
NIZ				Pmax	Pb	15 14 21.0	
NIZ	comp=N, 8μm, 0.4s			e	Sg	15 14 24.4	
NIZ				e/Sg	Sg	15 14 38.3	-0.3
NIZ				Smax	Sg	15 14 40.7	
NIZ	comp=N, 32μm, 0.8s						
NIZ	Nizh Angarsk	1.30	313	i/Pg	Pb	15 14 20.4	+0.1
NIZ				Pmax	Pb	15 14 38.2	
NIZ	comp=Z, 7μm, 0.6s						
NIZ	comp=N, 32μm, 0.9s						
SYVR	Suvo	1.44	211	ePn	Pb	15 14 22.2	-0.5
SYVR				ePg	Pg	15 14 22.9	-1.3
SYVR				Pmax	Pg	15 14 23.3	
SYVR	comp=N, 737nm, 0.2s						
SYVR				e/Sg	Sg	15 14 40.3	0.0
SYVR				Smax	Sg	15 14 44.1	
SYVR	comp=N, 27μm, 0.5s						
SYVR	Suvo	1.44	211	ePG	Pb	15 14 22.6	-0.1
SYVR				e	Pb	15 14 42.4	
SYVR	comp=Z, 1μm, 0.1s						
SYVR	comp=N, 28μm, 0.4s						
UKT	Uakit	1.49	66	i/Pg	Pb	15 14 23.2	-0.3
UKT				i/Pg	Pb	15 14 23.2	-0.3
UKT	comp=N, 2μm, 0.7s						
UKT	comp=N, 4μm, 0.7s						
UKT	comp=N, 6μm, 0.3s						
UKT				e	Sb	15 14 28.5	
UKT				i/Sg	Sb	15 14 43.2	+1.1
UKT				e	Sb	15 14 45.0	
UKT				e	Sb	15 14 45.4	
UKT	comp=N, 78μm, 1.0s						
UKT	Uakit	1.49	66	i/Pg	Pb	15 14 23.2	-0.3
UKT				Pmax	Pb	15 14 43.0	
UKT	comp=Z, 6μm, 0.4s						
UKT	comp=N, 63μm, 0.8s						
SVKR	Severomysk	1.80	46	i/Pn	Pb	15 14 28.5	-0.2
SVKR				ePg	Pg	15 14 29.6	-1.3
SVKR				Pmax	Pg	15 14 29.8	
SVKR	comp=N, 6μm, 0.4s			eSn	Sb	15 14 51.5	+0.6
SVKR				eSg	Sg	15 14 53.7	+0.6
SVKR				Smax	Sg	15 14 55.9	
SVKR	comp=N, 128μm, 0.4s						
SVKR	Severomysk	1.80	46	i/PN	Pb	15 14 28.5	-0.2
SVKR				e	Pb	15 14 53.6	
SVKR	comp=Z, 6μm, 0.6s						
SVKR	comp=N, 119μm, 0.5s						
MXMB	Maximikha	2.20	223	i/Pn	Pb	15 14 32.8	+0.8
MXMB				ePg	Pb	15 14 35.7	+0.1
MXMB				e	Pb	15 14 39.3	
MXMB				e	Pb	15 14 45.8	
MXMB				eSn	Sb	15 15 00.5	-2.0
MXMB				i/Sg	Sg	15 15 05.4	-1.8
MXMB				ePn	Pb	15 14 37.9	+2.4
OGRR	Ongureny	2.48	241	i/Pn	Pg	15 14 41.0	-2.9
OGRR				e	Pg	15 14 44.6	
OGRR				e	Pg	15 14 45.3	
OGRR	comp=N, 2μm, 1.1s						
OGRR				eSn	Sn	15 15 07.4	+1.8
OGRR				eSg	Sg	15 15 14.0	-2.1
OGRR				Smax	Sg	15 15 22.5	
OGRR	comp=N, 9μm, 1.7s						
OGRR	Ongureny	2.48	241	ePN	Pb	15 14 37.9	-2.4
OGRR				e	Pb	15 14 41.6	
OGRR				e	Pb	15 15 13.7	

OGRR	comp=Z, 2μm, 1.0s	pmax	pmax				
OGRR	comp=N, 9μm, 1.8s	smax	smax				
NLYR	Nelyaty	2.99	56	i/Pn	Pb	15 14 43.8	+1.0
NLYR				ePg	Pb	15 14 49.4	+0.4
NLYR				e	Pb	15 14 56.4	
NLYR				e	Pb	15 15 00.9	
NLYR	comp=N, 1μm, 0.5s						
NLYR				eSg	Sb	15 15 09.8	
NLYR				eSg	Sb	15 15 28.7	+3.6
NLYR				Smax	Sb	15 15 41.9	
NLYR	comp=N, 15μm, 1.2s						
NLYR	Nelyaty	2.99	56	i/PN	Pn	15 14 43.8	+1.0
NLYR				e	Pn	15 14 48.8	
NLYR				e	Pn	15 15 28.0	
NLYR	comp=Z, 1μm, 1.5s						
NLYR	comp=N, 15μm, 1.5s						
CIT	Chita	3.20	153	ePn	Pb	15 14 45.9	+0.1
CIT				ePg	Pb	15 14 53.1	+0.4
CIT				e	Pb	15 14 54.5	
CIT	comp=N, 4μm, 0.6s			e	Pb	15 14 54.8	
CIT				eSg	Sb	15 15 34.1	+2.8
CIT				Smax	Sb	15 15 38.1	
CIT	comp=N, 33μm, 1.4s						
CIT	Chita	3.20	153	ePN	Pb	15 14 54.4	+1.7
CIT				e	Pb	15 15 34.1	
CIT				e	Pb	15 15 54.7	
CIT	comp=Z, 3μm, 1.3s						
CIT	comp=N, 27μm, 2.1s						
BOD	Bodaibo	3.30	27	i/Pn	Pb	15 14 47.7	+0.6
BOD				ePg	Pb	15 14 54.7	+0.4
BOD				e	Pb	15 15 02.6	
BOD				e	Pb	15 15 05.1	
BOD	comp=N, 2μm, 0.7s						
BOD				eSn	Sn	15 15 18.6	
BOD				eSn	Sn	15 15 27.9	+2.1
BOD				eSg	Sb	15 15 37.3	+3.2
BOD				Smax	Sb	15 15 52.8	
BOD	comp=N, 13μm, 1.4s						
BOD	Bodaibo	3.30	27	i/PN	Pn	15 14 47.7	+0.6
BOD				e	Pn	15 14 55.7	
BOD				e	Pn	15 15 37.6	
BOD	comp=Z, 2μm, 0.8s						
BOD	comp=N, 3μm, 1.2s						
ZRHB	Zarechye	3.38	228	i/Pn	Pb	15 14 48.7	+0.5
ZRHB				ePg	Pb	15 14 57.6	+1.9
ZRHB				Pmax	Pb	15 15 09.5	
ZRHB	comp=N, 2μm, 0.6s						
ZRHB				eSg	Sg	15 15 42.1	-2.8
ZRHB				Smax	Sg	15 15 57.6	
ZRHB	comp=N, 24μm, 1.1s						
TRTB	Turuntaevo	3.43	220	i/Pn	Pb	15 14 49.6	+0.7
TRTB				ePg	Pb	15 14 57.5	+0.9
TRTB				eSn	Sn	15 15 27.7	-1.4
TRTB				eSg	Sg	15 15 42.3	-4.3
TRTB				e	Pb	15 14 51.8	+0.5
TRG	Tyrgan	3.60	235	i/Pn	Pb	15 14 59.4	-0.1
TRG				ePg			

1905

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

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like VRH, OBN, NOR, etc.

27d 15h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NC303, INK, NB201, etc.

1907

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like BGU, KVN, WAKR, CMB, etc.

2014 APR

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like ISA, ISABELLA, CCUT, ZSCU, etc.

27d 15h

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, etc. Includes stations like X16A, SFIN, P40A, M57A, etc.

27d 15h

X40A	baz=346,SNR=6.0	Basin Creek Fa	88.59	20	P	P	15 26 47.8	-0.1
X40A	comp=Z,21nm,1.4s	Oxford	88.68	8	P	P	15 26 48.7	+0.5
U58A	baz=354	Sevierville	88.72	12	P	P	15 26 48.1	-0.4
U59A	baz=355	Littleton	88.78	7	P	P	15 26 49.7	+1.0
ABTX	baz=343,SNR=6.5	Ablene, Hawle	88.87	26	P	P	15 26 50.1	+0.8
ABTX	baz=343,SNR=6.5	Ablene, Hawle	88.87	26	P	P	15 26 49.5	+0.2
TKL	baz=343,SNR=6.5	Tuckaleechee C	88.88	12	P	P	15 26 49.3	0.0
TKL	comp=Z,40nm,1.6s	Tuckaleechee C	88.88	12	P	P	15 26 49.3	0.0
V54A	baz=352	Nebo	88.97	11	P	P	15 26 50.0	+0.3
V55A	baz=352	Taylorville	88.98	10	P	P	15 26 50.1	+0.4
CPCT	baz=353	Cooper Cave	88.99	13	P	P	15 26 49.6	-0.2
CPCT	comp=Z,17nm,1.3s	Coltrane Farms	89.08	9	P	P	15 26 49.5	-0.6
V57A	baz=354	Mocksville	89.09	10	P	P	15 26 50.6	+0.4
V56A	baz=353	White Oak Lake	89.31	20	P	P	15 26 51.4	+0.2
W48A	baz=352	Hartselle	89.62	15	P	P	15 26 52.7	+0.7
W48A	comp=Z,17nm,1.2s	Cherokee Point	89.63	11	P	P	15 26 53.0	+0.2
BG3	baz=352	Lake Jocassee	89.64	12	P	P	15 26 53.0	+0.2
KM5C	baz=353	Kings Mountain	89.67	10	P	P	15 26 53.1	+0.2
KM5C	baz=353	Kings Mountain	89.67	10	P	P	15 26 52.9	0.0
KM5C	comp=Z,14nm,1.0s	Fort Paine	89.75	14	P	P	15 26 53.1	-0.3
W56A	baz=353	Indian Trail	89.75	10	P	P	15 26 53.3	0.0
W57A	baz=353	Gilead	89.79	9	P	P	15 26 53.8	+0.3
W57A	baz=354,SNR=5.0	Gilead	89.79	9	P	P	15 26 53.3	-0.2
W57A	comp=Z,16nm,1.1s	Mont Dzumac	89.96	130	eLR	LR	15 55 29.0	
DZM	comp=Z,164nm,25.2s	Raeford	89.99	9	P	P	15 26 54.8	+0.4
W58A	baz=354	Beltton	90.14	11	P	P	15 26 55.2	+0.1
X54A	baz=352	Torodi Ar. Sit	90.21	293	P	P	15 26 54.9	-0.8
TORD	baz=352	Torodi Ar. Bea	90.21	293	P	P	15 26 55.5	-0.3
TORD	comp=Z,3.8nm,0.6s,slow=32,slow=4.6,SNR=22	Torodi Ar. Bea	90.21	293	P	P	15 26 55.5	-0.3
TORD	comp=Z,220nm,18.0s,slow=35,slow=40	Torodi Ar. Bea	90.21	293	P	P	15 26 54.8	-0.9
TORD	baz=353	White Oak	90.34	10	P	P	15 26 56.3	+0.3
X56A	baz=353	Hodges	90.47	11	P	P	15 26 56.3	-0.4
HODGE	comp=Z,15nm,1.3s	Libburn	90.62	13	P	P	15 26 58.1	+0.7
Y52A	baz=351,SNR=7.1	Libburn	90.62	13	P	P	15 26 57.3	-0.1
Y55A	baz=352	Saluda	90.80	11	P	P	15 26 58.6	+0.3
JCT	baz=352	Junction City	90.87	26	P	P	15 26 58.9	+0.2
JCT	comp=Z,34nm,1.7s	Junction City	90.87	26	P	P	15 26 59.5	+0.8
JCT	baz=343	Junction City	90.87	26	P	P	15 26 58.9	+0.2
TXAR	baz=353	Lajitas Array	90.90	30	P	P	15 26 59.7	+0.8
TXAR	comp=Z,2.2nm,0.9s,slow=1.6,SNR=13	Lajitas Array	90.90	30	P	P	15 26 59.7	+0.8
TXAR	comp=Z,109nm,18.3s,slow=0.0,slow=37	Lajitas Array	90.90	30	P	P	15 26 58.5	-0.4
Z50A	baz=350,SNR=5.1	Ashland	90.97	14	P	P	15 26 59.1	+0.1
Z50A	baz=350,SNR=5.1	Ashland	90.97	14	P	P	15 26 58.7	-0.4
Z50A	comp=Z,12nm,1.0s	Lakeview Retre	91.02	15	P	P	15 26 59.2	-0.1
LRAL	baz=350,SNR=5.7	Lakeview Retre	91.02	15	P	P	15 26 58.3	-0.9
LRAL	comp=Z,18nm,1.4s	Lakeview Retre	91.02	15	P	P	15 26 58.3	-0.9
GOGA	comp=Z,10.0nm,0.9s	Godfrey	91.14	12	P	P	15 27 00.3	+0.5
GOGA	comp=Z,10.0nm,0.9s	Godfrey	91.14	12	P	P	15 27 00.6	-0.4
GOGA	baz=352,SNR=5.6	Godfrey	91.14	12	P	P	15 27 00.6	-0.4
GOGA	comp=Z,1.0nm,0.9s	Godfrey	91.14	12	P	P	15 27 00.6	-0.4
TAOE	comp=Z,133nm,22.4s	Nuku Hiva Isla	107.88	80	eLR	LR	16 04 00.3	
PPT2	comp=Z,140nm,22.8s	Papeete2	109.46	93	eLR	LR	16 04 48.0	
TBI	comp=Z,177nm,30.2s	Tubuai	114.05	97	eLR	LR	16 06 49.8	
SYO	comp=Z,1.1nm,0.9s,slow=5.2,SNR=3.6	Syowa Base	134.11	208	iX	Pdif	15 30 21.0	+1.0
VNDA	comp=Z,0.6nm,0.6s,slow=5.7,SNR=3.6	Vanda	135.81	166	PKP	PKPpdf	15 33 14.2	+0.2
LPAZ	comp=Z,1.8nm,0.8s,slow=6.0,SNR=7.6	La Paz	141.46	359	PKP	PKPpdf	15 33 26.8	-0.1
LPAZ	comp=Z,1.1nm,0.7s,slow=4.0,slow=6.0,SNR=3.9	La Paz	141.46	359	PKP	PKPpdf	15 36 27.7	-1.3
MMNC	baz=348,slow=5.2,SNR=3.6	Minye Minye	144.28	1	PKP	PKPbc	15 33 30.2	+0.6
CSFA	baz=348,slow=5.2,SNR=3.6	Southern Pole Qui	144.66	180	PKP	PKPbc	15 33 28.1	-1.0
G001	baz=348,slow=5.2,SNR=3.6	Chusmiza	144.82	1	PKP	PKPbc	15 33 31.5	-0.1
PB11	baz=348,slow=5.2,SNR=3.6	IPOC Station P	144.91	1	PKP	PKPbc	15 33 30.5	-0.9
PB08	baz=348,slow=5.2,SNR=3.6	IPOC Station P	145.29	1	PKP	PKPbc	15 33 32.6	-0.4
LVC	baz=348,slow=5.2,SNR=3.6	Limon Verde	147.75	0	PKP	PKPpdf	15 33 38.1	+0.8
LVC	baz=348,slow=5.2,SNR=3.6	Limon Verde	147.75	0	PKP	PKPpdf	15 33 38.1	+0.8
SNA4	baz=348,slow=5.2,SNR=3.6	Sanae	148.10	213	PKP	PKPbc	15 33 38.7	-0.5
SNA4	baz=348,slow=5.2,SNR=3.6	Sanae	148.10	213	PKP	PKPbc	15 33 38.4	-0.8
SNA4	baz=348,slow=5.2,SNR=3.6	Sanae	148.10	213	PKP	PKPbc	15 33 38.4	-0.8
VNA2	baz=348,slow=5.2,SNR=3.6	Neumayer-Watz	149.54	215	PKP	PKPbc	15 33 42.8	+0.1
VNA1	baz=348,slow=5.2,SNR=3.6	Neumayer-Stat	149.82	215	PKP	PKPbc	15 33 43.8	-0.6
CPUP	comp=Z,1.1nm,0.7s,slow=4.0,slow=6.0,SNR=3.9	Villa Florida	150.25	339	PKP	PKPpdf	15 33 40.4	-0.4
CPUP	comp=Z,1.1nm,0.7s,slow=4.0,slow=6.0,SNR=3.9	Villa Florida	150.25	339	PKP	PKPpdf	15 33 45.0	-0.9
CPUP	comp=Z,1.1nm,0.9s,slow=3.3,slow=2.2,SNR=13	Villa Florida	150.25	339	PKP	PKPpdf	15 33 39.9	-0.8
CPUP	comp=Z,1.1nm,0.9s,slow=3.3,slow=2.2,SNR=13	Villa Florida	150.25	339	PKP	PKPpdf	15 33 44.7	-1.2
VNA3	baz=348,slow=5.2,SNR=3.6	Neumayer Olymp	150.28	214	PKP	PKPbc	15 33 44.3	-0.3
G002	baz=348,slow=5.2,SNR=3.6	Mina Guanaco	150.29	2	PKP	PKPbc	15 33 46.2	-0.2
G002	baz=348,slow=5.2,SNR=3.6	Mina Guanaco	150.29	2	PKP	PKPbc	15 33 52.5	0.0

IDC 27 15:18:22.2-4.1,6.47S:15345E,h0km,mb3.1/2,
mb1 3.4/2,mb1m3.2/27,mbtm3.1/2,Error ellipse:
s-ma=190.1km s-min=55.0km az=125.0,New Britain
region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRA	Warramunga Arr	22.89	232	P	15 23 27.6	0.0
ASAR	Alice Springs	25.41	226	P	15 23 51.2	-0.4
TORD	Torodi Ar. Bea	151.40	286	PKPbc	15 38 19.3	+0.2

JMA 27 15:19:54.7-0.1,24.71N:122.34E,h100km,2km,M2.6
TAP 27 15:19:54.9,24.73N:122.37E,h98km,ML3.2,C
ISC 27 15:19:55.6,1.3,24.71N:0.04:122.37E:0.02,h95km,7km,
n94,ε057/180,17C-30,Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
E0S1	EOS1	0.27	234	iP	15 20 09.8	+0.4
E0S1	baz=231			S	15 20 20.8	+1.2
TWC	Suao	0.48	259	iP	15 20 10.4	-0.2
TWC	baz=255			S	15 20 21.8	-0.1
NTC	Toucheng	0.51	287	eP	15 20 10.7	-0.2

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NTC	baz=284	Shuangxi	0.56	298	iP	Pn	15 20 22.2	-0.1
TIPB	baz=296	ilan	0.57	276	iP	Pn	15 20 11.3	-0.1
TIPB	baz=296	ilan	0.57	276	iP	Pn	15 20 22.6	-0.4
ILA	baz=273	ilan	0.57	276	iP	Pn	15 20 11.4	0.0
ILA	baz=273	ilan	0.57	276	iP	Pn	15 20 23.8	+0.7
JYNG	Yonagunijimaku	0.58	116	P	Sn	15 20 11.6	+0.1	
JYNG	Yonagunijimaku	0.58	116	P	Sn	15 20 23.8	+0.5	
JYNG	Yonagunijimaku	0.58	116	P	Sn	15 20 12.1	+0.1	
ENA	baz=242	Yonaguni jima	0.63	244	iP	Pn	15 20 23.7	-0.4
YOJ	baz=113	Yonaguni jima	0.63	112	P	Pn	15 20 11.8	-0.2
YOJ	baz=113	Yonaguni jima	0.63	112	P	Pn	15 20 24.4	+0.3
YOJ	baz=113	Yonaguni jima	0.63	112	P	Pn	15 20 11.9	0.0
TWE	Neicheng	0.64	272	iP	Sn	15 20 12.0	+0.1	
TWE	baz=269	Wu-fen Shan	0.65	304	iP	Pn	15 20 24.3	+0.2
NWF	baz=302	Wu-fen Shan	0.65	304	iP	Pn	15 20 12.0	-0.1
NWF	baz=302	Wu-fen Shan	0.65	304	iP	Pn	15 20 24.1	-0.1
WFSB	baz=302	Wu-fen Shan	0.65	304	iP	Pn	15 20 12.1	+0.1
WFSB	baz=302	Wu-fen Shan	0.65	304	iP	Pn	15 20 24.4	+0.1
SLBB	Yuanshan	0.67	274	iP	Pn	15 20 12.2	-0.1	
ENTT	Nioudou	0.73	265	iP	Pn	15 20 13.2	+0.3	
ENTT	baz=253	Nioudou	0.73	265	iP	Pn	15 20 26.6	+0.8
TWA	Mucha	0.76	291	iP	Pn	15 20 12.8	-0.3	
TWA	baz=289	Mucha	0.76	291	iP	Pn	15 20 25.4	-0.9
NDT	Datong Townshi	0.79	263	iP	Pn	15 20 13.8	+0.4	
NDT	baz=261	Datong Townshi	0.79	263	iP	Pn	15 20 26.1	0.0
NWLT	Wulai	0.79	275	P	Pn	15 20 13.4	0.0	
NWLT	baz=273	Wulai	0.79	275	P	Pn	15 20 26.9	+0.1
NWLT	baz=273	Wulai	0.79	275	P	Pn	15 20 13.3	-0.3
NHHD	Xindian Distri	0.81	289	iP	Pn	15 20 13.3	-0.3	
NHHD	baz=287	Xindian Distri	0.81	289	iP	Pn	15 20 26.2	-0.8
TATO	Taipei	0.84	289	P	Pn	15 20 12.3	-0.6	
TATO	baz=287	Taipei	0.84	289	P	Pn	15 20 26.2	-1.5
YM11	YM11	0.85	303	iP	Pn	15 20 13.8	-0.3	
YM11	baz=301	YM11	0.85	303	iP	Pn	15 20 27.5	-0.6
YM05	YM05	0.86	302	eP	Sn	15 20 13.9	-0.3	
YM05	baz=300	YM05	0.86	302				

27d 16h

Table with columns for station code, name, frequency, and other details. Includes stations like KDU Kakadu, MTN Mantong Dam, SANI Sanana, etc.

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Table with columns for station code, name, frequency, and other details. Includes stations like SMRI Semarang, SBUM Sibub, KSM Kuching, etc.

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Table with columns for station code, name, frequency, and other details. Includes stations like NJ2 Nanjing, HJH Hachijo jima, CM31 Chiang Mai, etc.

27d 16h

VWDT	baz=310	eS	Sn	16 41 08.5	-0.6
YUS	Yu-Shan baz=310	1.89 298	P	Pg	16 40 47.8 -0.4
YUS	baz=306	eS	Sn	16 41 09.2	-0.8
NACB	Ninganchiao baz=306	1.90 325	P	Pb	16 40 46.6 -0.5
NACB	baz=334	S	Sn	16 41 07.5	-1.9
IRIF	Iriomote-Funau baz=334	1.93 27	P	Pb	16 40 47.6 0.0
IRIF	baz=256	eS	Sn	16 41 10.0	-0.2
TKWBT	Hengchun baz=256	1.94 250	eP	Pg	16 40 48.4 -0.5
TKWBT	baz=256	eS	Sn	16 41 10.2	-0.2
STYT	Tauyuan baz=256	1.94 287	P	Pg	16 40 48.4 -0.6
STYT	baz=287	S	Sn	16 41 10.4	-0.2
TKW1	Hengchun baz=256	1.94 250	P	Pb	16 40 47.6 -0.2
TKW1	baz=256	S	Sn	16 41 09.6	-0.9
JKRS	Kuro-shima baz=256	1.98 35	P	Pb	16 40 48.2 -0.2
JKRS	baz=256	eS	Sn	16 41 11.0	-0.4
MASBT	Mashibuluo baz=274	1.98 270	eP	Pg	16 40 48.8 +0.4
HEN	Hengchun baz=256	1.98 253	P	Pg	16 40 49.6 -0.1
HEN	baz=256	S	Sn	16 41 11.2	-0.2
ETLH	Xiulin Townshi baz=331	1.98 324	P	Pb	16 40 48.2 -0.4
ETLH	baz=331	S	Sn	16 41 12.0	+0.3
OWD	Renai baz=315	1.99 313	eP	Pb	16 40 48.4 -0.3
OWD	baz=315	S	Sn	16 41 11.0	-0.9
SCZT	Fangliu baz=255	2.01 264	iP	Pg	16 40 49.4 -0.9
SCZT	baz=255	S	Sn	16 41 12.0	-0.1
EOS1	EOS1 baz=339	2.02 343	eP	Pb	16 40 49.2 +0.1
EOS1	baz=339	S	Sn	16 41 12.8	+0.4
ALS	Alishan baz=305	2.02 297	eP	Pg	16 40 50.0 -0.6
ENA	Nanau baz=328	2.04 333	P	Pb	16 40 49.2 -0.3
ENA	baz=328	S	Sn	16 41 13.4	+0.4
SSLB	Suanglung baz=307	2.04 305	eP	Pb	16 40 49.4 -0.1
SSLB	baz=307	eS	Sn	16 41 11.8	-1.3
CHGB	Renai baz=324	2.06 315	P	Pb	16 40 50.0 0.0
CHGB	baz=324	eS	Sn	16 41 13.4	-0.4
WHF	Heluan Shan baz=320	2.06 318	eP	Pb	16 40 49.2 -0.9
WHF	baz=320	eS	Sn	16 41 13.2	-0.9
WHY	Xinyi Township baz=302	2.07 302	eP	Pb	16 40 50.6 +0.6
SGST	Jiashian baz=281	2.08 283	P	Pb	16 40 50.6 +0.6
SGST	baz=281	S	Sb	16 41 15.7	-0.6
WTP	Ta-pu baz=294	2.09 288	P	Pg	16 40 51.7 -0.2
WTP	baz=294	S	Sb	16 41 15.8	-0.9
TPUB	Ta-pu baz=290	2.09 290	P	Pg	16 40 51.5 -0.5
TPUB	baz=290	eS	Sn	16 41 15.8	-0.9
SMLT	Sun Moon Lake baz=313	2.14 307	eP	Pg	16 40 52.1 -0.8
CHN4	Tsaushan baz=291	2.14 291	P	Pg	16 40 52.3 -0.6
CHN4	baz=291	eS	Sb	16 41 18.5	+0.3
CHN1	Nanshi baz=290	2.15 286	P	Pg	16 40 52.7 -0.3
CHN1	baz=290	S	Sb	16 41 18.7	+0.3
JIJ	Ishigaki jima baz=279	2.15 36	P	Pn	16 40 49.9 +1.4
JIJ	baz=279	eS	Sn	16 41 14.1	-1.6
TWC	Suao baz=347	2.16 337	P	Pb	16 40 51.1 -0.5
TWC	baz=347	eS	Sn	16 41 15.2	-0.7
CHN5	Tsauling baz=306	2.17 297	eP	Pg	16 40 53.3 -0.1
CHN5	baz=306	S	Sb	16 41 19.1	+0.2
TYC	Yuchr baz=313	2.18 307	eP	Pb	16 40 51.7 -0.3
TYC	baz=313	eS	Sn	16 41 16.7	+0.2
SNST	Tainan City baz=296	2.19 287	P	Pg	16 40 53.3 -0.4
SNST	baz=296	S	Sb	16 41 20.1	+0.7
TWT	Tachien baz=326	2.20 318	eP	Pb	16 40 51.9 -0.4
TWT	baz=326	eS	Sn	16 41 17.5	+0.4
TKW	Hsiuying baz=297	2.21 288	P	Pg	16 40 53.7 -0.4
TKW	baz=297	S	Sb	16 41 20.1	0.0
TDCB	Techi baz=326	2.21 318	P	Pb	16 40 52.5 +0.1
TDCB	baz=326	eS	Sn	16 41 16.7	-0.6
DPDB	Guoxing baz=316	2.21 310	eP	Pb	16 40 51.9 -0.6
DPDB	baz=316	eS	Sn	16 41 16.7	-0.6
NNSB	Datong baz=333	2.21 325	P	Pb	16 40 51.9 -0.7
NNSB	baz=333	S	Sn	16 41 16.9	-0.6
NNSH	Datong baz=332	2.21 325	eP	Pb	16 40 51.9 -0.7
NNSH	baz=332	eS	Sn	16 41 17.3	-0.2
NNS	Nan Shan baz=333	2.23 325	P	Pb	16 40 52.1 -0.7
NNS	baz=333	S	Sn	16 41 17.3	-0.5
WJS	Zhushan baz=309	2.23 303	eP	Pg	16 40 54.3 -0.4
WJS	baz=309	eS	Sb	16 41 20.9	+0.1
NDT	Datong Townshi baz=332	2.30 330	P	Pb	16 40 53.3 -0.6
NDT	baz=332	eS	Sn	16 41 19.3	0.0
WNT	Mingjian baz=306	2.30 304	eP	Pg	16 40 55.1 -0.8
WNT	baz=306	eS	Sb	16 41 22.8	+0.1
WKG	Gukeng baz=308	2.30 298	eP	Pg	16 40 55.7 -0.2
WKG	baz=308	eS	Sb	16 41 22.6	-0.2
ENTT	Nioudou baz=329	2.30 332	P	Pb	16 40 53.1 -0.9
ENTT	baz=329	S	Sn	16 41 19.3	-0.2
WDLH	Douliu baz=308	2.32 298	eP	Pg	16 40 55.9 -0.4
WDLH	baz=308	eS	Sb	16 41 22.8	-0.6
TWE	Neicheng baz=331	2.33 334	P	Pb	16 40 53.7 -0.8
TWE	baz=331	eS	Sn	16 41 20.1	0.0
WHP	Taichung City baz=317	2.36 315	eP	Pb	16 40 55.1 +0.1
WHP	baz=317	eS	Sn	16 41 22.1	+1.2

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SLBB	Yuanshan baz=317	2.38 334	eP	Pb	16 40 54.5 -0.7
YHNB	Yeheng baz=329	2.42 328	P	Pb	16 40 55.2 -0.8
YHNB	baz=330	eS	Sn	16 41 22.1	-0.2
JISG	Ishigakijimahi baz=330	2.42 35	P	Pn	16 40 53.6 +1.4
JISG	baz=330	eS	Sn	16 41 20.9	-1.4
JISG	Sanguang baz=330	2.43 328	eP	Pb	16 40 55.3 -0.9
NSK	baz=330	eS	Sn	16 41 22.6	-0.2
WLGB	Puzi baz=291	2.44 291	eS	Sb	16 41 24.8 -1.9
NWLT	Wulai baz=334	2.45 332	eP	Pb	16 40 55.5 -1.0
NWLT	baz=334	eS	Sn	16 41 22.4	-0.8
TCU	Taichung baz=311	2.46 309	eP	Pb	16 40 56.6 0.0
TCU	baz=311	eS	Sb	16 41 27.0	-0.3
CHNB	Yiju baz=288	2.47 288	eS	Sb	16 41 27.6 0.0
TIPB	Shuangxi baz=349	2.51 340	eP	Pb	16 40 56.1 -1.3
TIPB	baz=349	eS	Sn	16 41 24.2	-0.3
WCHH	Zhanghua baz=315	2.51 306	eP	Pb	16 40 57.4 -0.1
NSY	Sanyi baz=317	2.58 315	P	Pb	16 40 59.2 +0.5
NSTT	Nanjuang baz=330	2.59 321	P	Pb	16 40 58.8 0.0
NSTT	baz=330	eS	Sn	16 41 26.6	+0.2
LIOB	Emei baz=330	2.59 322	P	Pb	16 40 59.4 +0.5
LIOB	baz=330	eS	Sn	16 41 27.4	+0.9
TWA	Mucha baz=346	2.60 335	eP	Pb	16 40 58.4 -0.7
TWA	baz=346	eS	Sn	16 41 28.6	+1.9
NWF	Wu-fen Shan baz=351	2.61 340	eP	Pb	16 40 58.8 -0.5
WFSB	Wu-fen Shan baz=351	2.61 340	eP	Pb	16 40 58.8 -0.5
TATO	Taipei baz=335	2.63 334	eP	Pb	16 40 59.0 -0.6
JTJ	Tarama	2.69 41	P	Pn	16 40 57.3 +1.4
JTJ	baz=335	eS	Pb	16 41 28.1 -0.8	
YM01	YM01 baz=347	2.75 337	eP	Pb	16 41 00.4 -1.3
YM01	baz=347	eS	Sn	16 41 31.5	+0.9
YM10	YM10 baz=338	2.77 337	eP	Pb	16 41 00.2 -1.7
YM05	YM05 baz=338	2.77 337	eP	Pb	16 41 00.6 -1.4
YM04	YM04 baz=338	2.77 336	eP	Pb	16 41 00.6 -1.4
JIRB	Irazujima	3.12 44	eS	Sn	16 41 37.7 -1.8
JKM	Ikemajima	3.23 44	eS	Sn	16 41 41.6 -0.7

JMA 27 16:56:53.3±0.1, 24:57N±122:47E, h104km±2km, M2.1
 TAP 27 16:56:53.1, 24:66N±122:49E, h105km, ML3.2, C
 ISC 27 16:56:54.2±1.4, 24:63N±122:50E±0.0±2, h95km±8km,
 n85, c089/157, 2C, Taiwan region

Code	Station Name	Δ ¹	AZ ²	Phase ID	ISC Op	Time h m s	Res ISC
EOS1	EOS1 baz=247	0.35	256	P	Pn	16 57 08.8	+0.3
EOS1	baz=247	S	Sn			16 57 20.8	+1.7
JYNG	Yonagunijimaku baz=247	0.44	114	P	Pn	16 57 09.3	+0.3
JYNG	baz=247	S	Sn			16 57 21.2	+1.1
YOJ	Yonaguni jima baz=118	0.49	110	P	Pn	16 57 09.6	+0.2
YOJ	baz=118	S	Sn			16 57 21.8	+1.0
YOJ	Yonaguni jima baz=118	0.49	110	P	Pn	16 57 09.6	+0.2
YOJ	baz=118	S	Sn			16 57 21.8	+1.0
TWC	Suao baz=265	0.60	268	iP	Pb	16 57 09.8	-0.4
TWC	baz=265	iS	Sn			16 57 21.7	-0.6
ILA	Ilan baz=279	0.70	281	S	Sn	16 57 23.9	0.0
TIPB	Shuangxi baz=293	0.70	299	iP	Pn	16 57 11.1	-0.2
TIPB	baz=293	S	Sn			16 57 23.6	-0.4
ENA	Nanau baz=251	0.72	254	iP	Pn	16 57 11.3	-0.1
ENA	baz=251	S	Sn			16 57 24.6	+0.3
TWE	Neicheng baz=274	0.77	277	iP	Pn	16 57 11.7	-0.1
TWE	baz=274	S	Sn			16 57 24.6	-0.4
NWF	Wu-fen Shan baz=302	0.79	304	iP	Pn	16 57 12.0	-0.1
NWF	baz=302	S	Sn			16 57 25.7	+0.2
WFSB	Wu-fen Shan baz=297	0.79	304	P	Pn	16 57 11.9	-0.1
WFSB	baz=297	eS	Sn			16 57 25.7	+0.3
SLBB	Yuanshan baz=282	0.80	279	iP	Pn	16 57 12.2	0.0
SLBB	baz=282	S	Sn			16 57 25.6	-0.1
ENTT	Nioudou baz=272	0.85	271	iP	Pn	16 57 13.0	+0.3
ENTT	baz=272	iS	Sn			16 57 27.7	+1.1
NDT	Datong Townshi baz=266	0.90	268	iP	Pn	16 57 13.7	+0.5
NDT	baz=266	S	Sn			16 57 27.8	+0.2
TWA	Mucha baz=284	0.91	293	P	Pn	16 57 12.8	-0.4
TWA	baz=284	S	Sn			16 57 26.0	-1.6
NWLT	Wulai baz=283	0.92	279	eP	Pn	16 57 13.1	-0.4
NWLT	baz=283	eS	Sn			16 57 27.4	-0.6
NACB	Ninganchiao baz=240	0.95	241	P	Pn	16 57 13.1	-0.6
NACB	baz=240	S	Sn			16 57 27.6	-0.7
TATO	Taipei baz=282	0.98	290	eP	Pn	16 57 14.0	-0.1
TATO	baz=282	eS	Sn			16 57 28.0	-1.0
YM01	YM01 baz=292	0.99	301	P	Pn	16 57 13.8	-0.4
YM01	baz=292	S	Sn			16 57 28.5	-0.8
TWD	Chiawan baz=232	0.99	237	P	Pn	16 57 13.8	-0.4
TWD	baz=232	S	Sn			16 57 28.5	-0.7
YM11	YM11 baz=293	1.00	302	eP	Pn	16 57 14.7	+0.4
YM11	baz=293	eS	Sn			16 57 28.3	-1.2
YM05	YM05 baz=293	1.00	302	eP	Pn	16 57 13.5	-0.9
YM05	baz=293	eS	Sn			16 57 28.3	-1.3
YM10	YM10 baz=292	1.00	301	P	Pn	16 57 13.8	-0.6
YM10	baz=292	S	Sn			16 57 28.7	-0.8
YM04	YM04 baz=292	1.02	301	P	Pn	16 57 13.1	-1.5
YM04	baz=292	S	Sn			16 57 29.0	-0.9
ETLH	Xiulin Townshi baz=240	1.02	246	eP	Pn	16 57 14.2	-0.4
ETLH	baz=240	eS	Sn			16 57 29.4	-0.6

YHNB	Yeheng baz=265	1.03 272	P	Pn	16 57 14.6	0.0	
YHNB	baz=265	S	Sn			16 57 30.4	+0.3
NNSH	Datong baz=252	1.04 259	P	Pn	16 57 14.8	-0.1	
NNSH	baz=252	eS	Sn			16 57 30.2	-0.2
NNSB	Datong baz=252	1.04 259	P	Pn	16 57 14.6	-0.3	
NNSB	baz=252	eS	Sn			16 57 30.2	-0.2
NNS	Nan Shan baz=252	1.05 260	P	Pn	16 57 14.8	-0.2	
NNS	baz=252	eS	Sn			16 57 30.2	-0.3
IRIF	Iriomote-Funau baz=252	1.16 105	P	Pn	16 57 16.0 0.0		
IRIF	baz=252	S	Sn			16 57 33.0 +0.5	

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TWGBT Beinan, TTN Taifung, TTK Hsiinying, etc.

MAN 27 16:58:58.8, 5.73N, 126.13E, h114km, mb4.7, ML3.6, MS3.5, 3C, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MATI Mati, GSPH General Santos, etc.

IDC 27 17:25:17.1s, 3.0, 24.56S x 179.94E, h479km, 37km, mb3.5/11, mb1.3, 7.1/13, mb1mx3.5/2, mbtmp4.4/13, Error ellipse: s-maj=21.9km s-min=18.4km az=181.0

ISC 27 17:25:19.7, 0.6, 24.60S, 109.180E, 0.1, h517km, n43, 0.16/42, mb4.0/15, South of Fiji Islands

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

MAN 27 18:09:20.4, 13.34N, 120.56E, h14km, mb3.8, ML2.6, MS2.1, 1C, Mindoro

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

NEIC 27 18:10:39.1s, 1.9, 7.07S, 0.07, 154.88E, 0.08, h10km, 1km, mb4.9/0, Error ellipse: s-maj=13.6km s-min=11.8km az=64.0

IDC 27 18:10:43.6, 4.1, 7.23S, 155.06E, h44km, 33km, mb4.1/11, mb1.4, 3/13, mb1mx1.4/1.3, mbtmp4.3/13, ML2.3/1, MS3.3/8, Ms1.2, 3/8, ms1mx3.0/27, Error ellipse: s-maj=31.4km s-min=17.1km az=106.0

BUI 27 18:10:43.0, 4.0, 7.63S, 154.97E, h72km, mb4.9/28, mb4.8/35, Ms4.7/3, Ms7.4/34

DJA 27 18:10:49.9, 0.6, 8.5, 15.5E, h50km, 9km, M4.5/8, mb4.2/8, mb3.9/1, MLV4.7/3, MW(MB)2.9/1

ISC 27 18:15:59.2, 0.7, 14.5, 0.08, 155.1E, 0.1, h62km, 15km, mb4.1, 1841/84, mb4.7/34, 2C, Bougainville-Solomon Islands region

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

MEX 27 17:35:27.4, 1.6, 14.14N, 93.28W, h20km, 90km, MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like THG THG, PCIG PCIG, ACAR Comitan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LAG La Plagne, LPL La Plagne, MBDF Montbardon, etc.

LDG 27 17:39:39.5, 0.1, 45.27N, 6.62E, h2km, Md1.4/5, M11.9/1, Error ellipse: s-maj=3.5km s-min=2.4km az=111.0, France

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LAG La Plagne, LPL La Plagne, MBDF Montbardon, etc.

SOME 27 17:46:58.4, 43.35N, 85.08E, h5km, NNC 27 17:47:04.2, 4.0, 42.95N, 85.57E, h1km, 17km, mb3.0, mpv2.6, Error ellipse: s-maj=28.6km s-min=17.8km az=124.0

ISC 27 17:47:05.7, 3.6, 43.03N, 0.1, 85.7E, 0.2, h10km, n8, 0.197/16, 7C-20, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DJR Jarkent, MK31 Makanchi Array, ZSN Zaisan, etc.

MAN 27 18:09:20.4, 13.34N, 120.56E, h14km, mb3.8, ML2.6, MS2.1, 1C, Mindoro

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

NEIC 27 18:10:39.1s, 1.9, 7.07S, 0.07, 154.88E, 0.08, h10km, 1km, mb4.9/0, Error ellipse: s-maj=13.6km s-min=11.8km az=64.0

IDC 27 18:10:43.6, 4.1, 7.23S, 155.06E, h44km, 33km, mb4.1/11, mb1.4, 3/13, mb1mx1.4/1.3, mbtmp4.3/13, ML2.3/1, MS3.3/8, Ms1.2, 3/8, ms1mx3.0/27, Error ellipse: s-maj=31.4km s-min=17.1km az=106.0

BUI 27 18:10:43.0, 4.0, 7.63S, 154.97E, h72km, mb4.9/28, mb4.8/35, Ms4.7/3, Ms7.4/34

DJA 27 18:10:49.9, 0.6, 8.5, 15.5E, h50km, 9km, M4.5/8, mb4.2/8, mb3.9/1, MLV4.7/3, MW(MB)2.9/1

ISC 27 18:15:59.2, 0.7, 14.5, 0.08, 155.1E, 0.1, h62km, 15km, mb4.1, 1841/84, mb4.7/34, 2C, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LEM Lembang, NJ2 Nanjing, WHN Wuhan, etc.

LDG 27 17:39:39.5, 0.1, 45.27N, 6.62E, h2km, Md1.4/5, M11.9/1, Error ellipse: s-maj=3.5km s-min=2.4km az=111.0, France

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LAG La Plagne, LPL La Plagne, MBDF Montbardon, etc.

SOME 27 17:46:58.4, 43.35N, 85.08E, h5km, NNC 27 17:47:04.2, 4.0, 42.95N, 85.57E, h1km, 17km, mb3.0, mpv2.6, Error ellipse: s-maj=28.6km s-min=17.8km az=124.0

ISC 27 17:47:05.7, 3.6, 43.03N, 0.1, 85.7E, 0.2, h10km, n8, 0.197/16, 7C-20, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TAPN Tapejung, ODAN Odare, JARR Ramite, etc.

27d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUAI, JTS, JWS, PLVR, ARES, CEDE, CEDE, FORC, NY14, BUEV, GB1A, LCR2, CVTR.

MAN 27 18:32:14.4, 5.92N, 125.95E, h139km, mb4.9, ML3.8, MS3.8

IDC 27 18:32:15.5, 5.6, 5.99N, 125.96E, h130km, mb3.1/4, mb1.3-4.5, mb1mx3.0/3.5, mbtmp3.0/5, Error ellipse: s-maj=105.4km s-min=22.2km az=72.0

ISC 27 18:32:15.5, 0.8, 5.79N, 125.90E, 0.08, h128km, 7km, n21, c144/29, mb3.5/4.4D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DDMP, GSPH, GSPH, GSPH, MATI, MATI, DMPH, DMPH, DMPH, KCP, KCP, KCP, SKMP, CTBH, CTBH, BUKP, BUKP, CGP, CGP, CGP, BUTP, SUJI, FITZ, WRA, ASAR, MKAR, MKAR, MKAR, TORO.

IDC 27 18:45:40.1, 2.3, 24.96S, 179.75E, h496km, 22km, mb3.5/1.1, mb1.3-7.12, mb1mx3.5/3.4, mbtmp4.4/1.2, Error ellipse: s-maj=22.3km s-min=18.3km az=64.0

NEIC 27 18:45:41.4, 1.7, 25.0S, 0.1, 179.7E, 0.2, h512km, 10km, mb4.1/1.0, Error ellipse: s-maj=29.1km s-min=12.5km az=57.0

ISC 27 18:45:40.5, 0.7, 25.0S, 0.1, 179.8E, 0.1, h501km, n30, c097/30, mb4.0/1.5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO, DZM, URZ, CTA, AS31, ASAR, WRO, WRO, WB2, WB2, WRAB, WRAB, WB0, WRA, WRA, FITZ, FITZ, SUJI, VDA, QSPA, MJAR, MJAR, MAW, KSRs, PETK, SNA, VNA3, VNA2, CMAR, TXAR, ARCES, FINESS, NOA, NOA, AKASG.

IDC 27 19:13:32.3, 131.0, 20.48N, 144.50E, h0km, Error ellipse: s-maj=259.2km s-min=24.4km az=101.0, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, H03N2, H03N3, H03N1.

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IDC 27 19:20:57.1, 2.5, 5.93S, 130.24E, h0km, mb3.3/1, mb1.3-3.3, mb1mx3.2/2.9, mbtmp3.1/3, ML2.9/2, Error ellipse: s-maj=153.3km s-min=32.6km az=70.0, Banda Sea

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

IDC 27 19:24:15.4, 131.0, 20.48N, 144.47E, h0km, Error ellipse: s-maj=259.3km s-min=23.4km az=101.0, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, H03N2, H03N3, H03N1.

JMA 27 19:32:06.8, 24.66N, 122.40E, h28km, 3km, M2.1 TAP 27 19:32:06.3, 24.69N, 122.40E, h19km, ML2.7, C ISC 27 19:32:04.9, 1.1, 24.71N, 122.44E, 0.02, h10km, 9km, n71, c068/130, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EOS1, EOS1, JYNG, TWC, TWC, YOJ, YOJ, YOJ, TIPB, TIPB, ILA, ILA, ENA, ENA, NWF, NWF, WFSB, WFSB, TWE, TWE, SLBB, SLBB, ENTT, ENTT, TWA, TWA, TATD, NDT, NDLT, NDLT, NDLT, NHDH, NHDH, NHDH, TAP1, YM01, YM01, TATO, TATO, YM11, YM11, YM10, YM10, YM05, YM05, YM05, YM04, YM04, YM04, NACB, NACB, YM03, TWY, YHNB, YHNB, NSK, NSK, TSK, TSK, TWD, NNSB, NNSB, NNSB, NNSH.

1914

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NNSH, ETLL, NNS, NNS, NNS, TWS1, WHF, WHF, IRIF, IRIF, TDCB, TDCB, ESL, ESL, LIOB, LIOB, NNST, NNST, CHGB, CHGB, OWD, OWD, WHP, WHP, JKRS, JKRS, JWSD, JWSD, HGSD, DPDB, DPDB, TWQ1, TWQ1, EHY, EHY, JJU, JJU, SML, SML, SMLT, SMLT, SSSLB, SSSLB, TYC, TYC, YULB, YULB, TWFI, TWFI, WHYT, WJS, WJS, WJS, WNT, YUS, FULB, FULB, ALS, CHN5, CHN5, ELDTW, ELDTW, WDLH, CHN4, CHN4, TPUB, STYT, STYT, WTP, WTP, TWGT, CHN1, CHN1, CHN1.

ISK 27 19:42:54.7, 39.84N, 41.79E, h5km, ML3.8/2.4 DDA 27 19:42:55.8, 39.87N, 41.81E, h22km, 1km, MW3.8 IDC 27 19:42:55.8, 0.9, 39.81N, 41.81E, h0km, mb3.7/1.3, mb1.3-6.20, mb1mx3.6/5.5, mbtmp3.6/2.0, ML2.9/8, MS3.1/17, Ms1.3/1.7, ms1mx2.9/5.0, Error ellipse: s-maj=16.7km s-min=11.2km az=156.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOPR, HOMI, HOMI, HOMI, AKDA, ATAS, ATAS, ATAS, EATA, EATA, EATA.

1915

Table of astronomical observations for 1915, listing stations like EKAR, EMRE, ECAT, and various object names such as Karacaban, Erzurum, Cat-ERZURUM, etc.

2014 APR

Main table of astronomical observations for 2014 APR, listing stations like KTUT, BTMN, AKH, and various object names such as Trabzon, Bogdanovka, Batman, etc.

27d 20h

Table of astronomical observations for 27d 20h, listing stations like KSRS, JHJ, MJAR, and various object names such as Hachiojima, Matsuiro, etc.

BRTR	Keskin Array B	78.40 318	P	P	21 54 17.0	-0.8
BRTR	Keskin Array B	78.40 318	P	P	21 54 16.5	-1.2
VTS	Vitoshia	80.27 326	JP	P	21 54 25.1	-2.8

NIED 2722:08:00, 39°50'N, 141°50'E, h86km, Mw3.7 Best double couple: M₃ 83000±10⁴, N₁ 870000±8.70.00000⁺, 1-154.00000⁻, N₂ 203347.00000⁻, 866.00000⁻, 1-23.00000⁻

IDC 2722:08:36.1±2.5, 39°55'N, 141°60'E, h86km±20km, mb3.4/5, mb1 3.5/9, mb1mx3 3/56, mbtmp 3/9/9, Error ellipse: s-maj=45.2km s-min=23.6km az=102.0

JMA 2722:08:36.9, 39°53'N, 141°42'E, h76km±1km, M3.7 Broadband fault plane solution: P waves. N₁: 0.344.00000⁻, 857.00000⁻, 1-27.00000⁻. N₂: 0.90.00000⁻, 868.00000⁻, 1-144.00000⁻. Principal axes: T P₁ 97.00000⁻, Azm 215.00000⁻; N P₁ 488.00000⁻, Azm 117.00000⁻; P P₁ 471.00000⁻, Azm 311.00000⁻

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
						h m s ISC
JOM	Ohasama	0.16	253	JP	Op	22 08 47 +0.3
JOM	Ohasama	0.16	253	JP	Op	22 08 56.0 +0.1
JOM	Ohasama	0.16	253	JP	Op	22 08 49.8 +1.0
MIWJ	Miyakonagasawa	0.60	78	JP	Op	22 08 57.3 +0.6
MIWJ	Miyakonagasawa	0.60	78	JP	Op	22 08 51.1 +0.5
JMK	Jichinoseki	0.26	200	JP	Op	22 09 01.7 +0.4
JMK	Jichinoseki	0.26	200	JP	Op	22 08 51.6 +0.4
JRG	Rokugo	0.67	260	JP	Op	22 09 03.0 +0.5
JRG	Rokugo	0.67	260	JP	Op	22 08 53.5 +0.2
JRG	Rokugo	0.67	260	JP	Op	22 09 06.0 +0.1
JANG	Nango	0.85	2	JP	Op	22 08 56.4 +0.4
JANG	Nango	0.85	2	JP	Op	22 09 08.0 +0.3
JAH	Hinai	0.94	316	JP	Op	22 08 56.2 +0.5
JAH	Hinai	0.94	316	JP	Op	22 09 09.9 +0.5
JYK	Kaneyama	1.06	236	JP	Op	22 08 56.5 +0.7
JYK	Kaneyama	1.06	236	JP	Op	22 09 11.0 +0.4
JIO	Ouri	1.07	186	JP	Op	22 08 59.4 +0.7
JIO	Ouri	1.07	186	JP	Op	22 09 16.1 +0.3
JTM	Tennabayashi	1.30	346	JP	Op	22 09 01.1 +1.1
JTM	Tennabayashi	1.30	346	JP	Op	22 09 16.9 +0.7
JOU	Okura	1.32	209	JP	Op	22 09 15.9 +0.5
JOU	Okura	1.32	209	JP	Op	22 10 21.5 +2.3
MAT	Matsushiro	3.94	222	JP	Op	22 09 36.6 +2.5
MAT	Matsushiro	3.94	222	JP	Op	22 09 36.6 +2.5
MJAR	Matsushiro Arr	3.94	222	JP	Op	1.6nm, 0.3s, baz=32, slow=14, SNR=135
ASAJ	Asahikawa	4.67	10	JP	Op	1.7nm, 0.3s, baz=214, slow=19, SNR=11
ASAJ	Asahikawa	4.67	10	JP	Op	2.8nm, 0.3s, baz=242, slow=21, SNR=2.0
JHJ	Hachioji jima 2	6.53	193	JP	Op	1.3nm, 0.3s, baz=144, slow=12, SNR=7.3
JHJ	Hachioji jima 2	6.53	193	JP	Op	baz=54, slow=17, SNR=1.7
USRK	Ussuriysk Ar	8.49	306	JP	Op	baz=122, slow=14, SNR=19
ZALV	Zalesovo Beam	40.32	310	JP	Op	1.8nm, 0.6s, baz=97, slow=8.3, SNR=6.5
MKAR	Makanchi Array	42.89	300	JP	Op	0.9nm, 0.7s, baz=84, slow=10.0, SNR=11
FINES	FINES Array B	66.65	332	JP	Op	0.8nm, 0.6s, baz=42, slow=9.0, SNR=7.6
NB2	NORSAR Subarra	71.92	337	JP	Op	comp=Z, 0.2nm, 0.5s, baz=30, slow=6.2
NOA	NORSAR Array B	71.92	337	JP	Op	comp=Z, 0.1nm, 0.4s, baz=10, slow=4.5, SNR=2.4
AKASG	Malin Array B	72.37	322	JP	Op	comp=Z, 0.2nm, 0.3s, baz=46, slow=6.3, SNR=4.1

IDC 2722:09:12.1±0.6, 0°12'S, 122°63'E, h0km, mb4.3/15, mb1 4.5/19, mb1mx3 4/17, mbtmp4 4/19, ML4.5/4, MS3.5/14, MS1 3.5/14, ms1mx3 2/42, Error ellipse: s-maj=21.4km s-min=12.5km az=68.0

KJM 2722:09:13.0, 0°08'S, 122°92'E, h10km, mb4.9, mb1 2722:09:15.7±0.4, 0°S, 122°10'E, h10km, mb4.8/37, mb5.1/37, mb5.3/21, MLV5.2/24, Mw(mb)4.7/21, Mwp4.9/1

NEIC 2722:09:18.1±0.9, 0°29'S, 0°04', 122°60'E, 0.03, h49km±7km, mb4.7/39, Error ellipse: s-maj=7.5km s-min=1.8km az=213.0

BUI 2722:09:18.0±0.0, 0°37'S, 121°99'E, h36km, mb4.9/30, mb4.6/37, MS4.5/8, MS3.4/34

ISC 2722:09:14.1±0.3, 0°16'S, 0°03', 122°56'E, 0.04, h10km, n160, c+175/160, mb4.6/45, MS3.5/13, 1C-1D, Minahassa Peninsula, Sulawesi

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
						h m s ISC
LWUI	Luwuk	0.88	166	JP	Pg	22 09 32.8 +1.7
LWUI	Luwuk	0.88	166	JP	Pg	22 09 31.8 +0.7
LWUI	Luwuk	0.88	166	JP	Pg	22 09 44.3 +1.7
MRSI	Marisa	0.90	316	JP	Pg	22 09 31.5 +0.1
MRSI	Marisa	0.90	316	JP	Pg	22 09 42.3 -0.9
APSI	Ampana	1.17	231	JP	Pb	22 09 37.6 +1.3
KMSI	Cibinong	1.60	62	JP	Pb	22 09 43.6 +1.1
MPSI	Magapa	2.71	281	JP	Pb	22 09 57.0 -0.7
TTSI	Tana Toraja	3.95	224	JP	Pb	22 10 16.7 +1.9
SPSI	Sidrap Palau	4.68	217	JP	Pb	22 10 26.6 +1.8
BNSI	Bone	4.86	210	JP	Pb	22 10 28.8 +1.5
TNTI	Ternate	4.90	79	JP	Pb	22 10 28.9 +1.1
TNTI	Ternate	4.90	79	JP	Pb	22 10 28.7 +0.9
TNTI	Ternate	4.90	79	JP	Pb	22 11 24.4 -0.1
LBMI	Labuha	4.96	95	JP	Op	22 10 31.2 +2.5
BBSI	Bau Bau	5.27	180	JP	Pb	22 10 35.1 +2.1
SMKI	Samarinda	5.36	267	JP	Pb	22 10 37.1 +2.9
NLAI	Namlea	5.46	124	JP	Pb	22 10 38.5 +0.9
KAPI	Kappang	5.56	210	JP	Pb	22 10 38.4 +1.4
KAPI	Kappang	5.56	210	JP	Pb	43nm, 0.3s, baz=26, slow=8.9, SNR=156
KAPI	Kappang	5.56	210	JP	Pb	48nm, 0.3s, baz=194, slow=22, SNR=19
KAPI	Kappang	5.56	210	JP	Pb	comp=Z, 699nm, 18.8s, baz=300, slow=38
KAPI	Kappang	5.56	210	JP	Pb	22 10 37.9 +0.9
BKSI	Bulukumba	5.65	205	JP	Pb	22 10 39.5 -1.5
BKSI	Bulukumba	5.65	205	JP	Pb	22 10 39.7 +1.4
BKB	Balikpapan	5.77	259	JP	Pb	1.6nm, 0.3s, baz=144nm, 0.7s
BKB	Balikpapan	5.77	259	JP	Pb	1.6nm, 0.3s, baz=144nm, 0.7s
AAI	Ambon	6.62	122	JP	Pb	0.8nm, 0.3s, baz=221nm, 0.7s
SKMP	Bagumbayan, Su	6.94	17	JP	Op	22 10 56.2 +0.3
DDMP	Don Marcelino	6.99	27	JP	Op	22 10 58.7 +2.1
MSAI	Masohi	7.10	116	JP	Op	22 11 00.7 +2.6
KBKI	Kotabaru	7.10	244	JP	Op	0.3nm, 0.3s, baz=37nm, 0.5s
CTBH	Cotabato-PC H	7.54	131	JP	Op	0.5nm, 0.2s, baz=126nm, 0.7s
KCP	Kidapawan	7.57	191	JP	Op	1.4nm, 0.6s, baz=111nm, 1.1s
KCP	Kidapawan	7.57	191	JP	Op	22 11 05.7 +2.8
SPMM	Sapulu	7.79	309	JP	Op	22 12 31.4 +0.8
DAV	Davao City (W)	7.80	23	JP	Op	22 11 10.0 +2.4
TSZ	Pagadian	8.02	6	JP	Op	22 11 10.4 +2.7
BUKR	Buaya	8.38	17	JP	Op	22 11 10.5 -0.2
MMRI	Maumere	8.41	182	JP	Op	22 11 16.8 +1.0
MMRI	Maumere	8.41	182	JP	Op	1.5nm, 0.5s, baz=416nm, 0.6s
MMRI	Maumere	8.41	182	JP	Op	22 11 17.5 +1.5
BNDI	Bandarlari	8.51	121	JP	Op	22 11 16.3 +0.2
BNDI	Bandarlari	8.51	121	JP	Op	22 11 22.0 +4.6
EDFI	Ende, Flores	8.56	186	JP	Op	1.4nm, 0.6s, baz=165nm, 1.1s
EDFI	Ende, Flores	8.56	186	JP	Op	22 11 18.9 +0.7
SIJI	Sorong	8.73	95	JP	Op	0.6nm, 0.2s, baz=175nm, 0.6s
SIJI	Sorong	8.73	95	JP	Op	3.4nm, 0.3s, baz=287, slow=7.9, SNR=12
SIJI	Sorong	8.73	95	JP	Op	22 11 20.8 +0.3
SIJI	Sorong	8.73	95	JP	Op	baz=278, slow=23, SNR=0.6
KKM	Kota Kinabalu	8.85	314	JP	Op	22 10 21.6 +2.4
SOEI	Soe	9.66	170	JP	Op	22 11 36.0 +2.6
SOEI	Soe	9.66	170	JP	Op	1um, 159nm, 0.8s
SOEI	Soe	9.66	170	JP	Op	22 11 33.2 -0.2
WBSI	Waikabuban, Su	9.91	198	JP	Op	22 11 50.4 +1.4
BATI	Baumata	10.02	174	JP	Op	22 11 43.9 +5.7
FAKI	Fak Fak	10.06	106	JP	Op	22 11 39.5 +0.7
FAKI	Fak Fak	10.06	106	JP	Op	228nm, 0.7s
FAKI	Fak Fak	10.06	106	JP	Op	22 11 39.4 +0.7
FAKI	Fak Fak	10.06	106	JP	Op	22 13 29.1 -2.6
SBUM	Sibu	10.66	284	JP	Op	22 11 48.6 +1.6

SBUM	Sibu	10.66	284	JP	Op	22 11 51.0 +4.0
GRJI	Gresik	12.08	236	JP	Op	22 12 12.9 +6.5
KSM	Kuching	12.36	278	JP	Op	22 12 12.2 +1.9
KSM	Kuching	12.36	278	JP	Op	22 12 14.0 +3.7
PCJI	Pacitan	13.86	235	JP	Op	22 12 39.3 +0.2
MTN	Monton Dam	15.18	146	JP	Op	22 13 05.6 +2.1
SMPI	Sarmi	16.24 <td>96</td> <td>JP</td> <td>Op</td> <td>22 13 05.6 +2.1</td>	96	JP	Op	22 13 05.6 +2.1
LEM	Lembang	16.30	246	JP	Op	22 13 05.6 +2.1
CISI	Cisempet, Garu	16.43	243	JP	Op	22 13 05.3 +0.3
KNRA	Kunurra	16.57	159	JP	Op	22 13 05.4 -1.3
CBJI	Citeko	16.86	248	JP	Op	22 13 21.3 +8.9
CNJI	Cibinong	16.94	245	JP	Op	22 13 14.9 +1.5
DBJI	Drama	17.00	248	JP	Op	22 13 19.2 +5.2
GENI	Genyem	17.76	98	JP	Op	22 13 35.6 +1.3
FITZ	Fitzroy Crossi	18.06	171	JP	Op	22 13 24.4 -0.9
FITZ	Fitzroy Crossi	18.06	171	JP	Op	1.0nm, 0.3s, baz=6.3, slow=6.9, SNR=19
FITZ	Fitzroy Crossi	18.06	171	JP	Op	comp=Z, 90nm, 21.2s, baz=336, slow=11
FITZ	Fitzroy Crossi	18.06	171	JP	Op	22 13 24.1 -1.2
TPRI	Tanjung Pinang	18.07	273	JP	Op	22 13 27.6 +1.8
JAY	Jayapura	18.28	97	JP	Op	22 13 33.6 +5.3
MDSI	Madura Dua	18.86	257	JP	Op	22 13 37.0 +1.9
LWLI	Liwa	19.09	255	JP	Op	22 13 45.5 +7.4
KSI	Kapahiang	20.25	260	JP	Op	22 13 52.9 +1.1
SDSI	Sungai Dareh	21.15	268	JP	Op	22 14 01.7 +2.2
KRJI	Kerinci	21.18	265	JP	Op	22 14 05.0 +5.0
PSAO	Pilbara Seismi	21.43	187	JP	Op	22 14 01.3 -1.2
BKNI	Bangkaing	21.53	271	JP	Op	22 14 04.1
IPM	Ipo	22.01	282	JP	Op	22 14 09.8 +0.1
PDSI	Padang	22.11	268	JP	Op	22 14 12.4 +2.5
KULM	Kulim	22.55	284	JP	Op	22 14 14.5 0.0
WBO	Warramunga Arr	22.66	150	JP	Op	22 14 14.5 -1.1
WRAB	Tennant Creek	22.78	150	JP	Op	22 14 15.7 -1.2
WRA	Warramunga Arr	22.78	150	JP	Op	22 14 16.0 -1.0
WRA	Warramunga Arr	22.78	150	JP	Op	comp=Z, 4.1nm, 0.6s, baz=331, slow=10.0, SNR=298
WRA	Warramunga Arr	22.78	150	JP	Op	22 25 34.1
WRA	Warramunga Arr	22.78	150	JP	Op	comp=Z, 120nm, 18.1s, baz=260, slow=43
WRA	Warramunga Arr	22.78	150	JP	Op	22 14 15.7 -1.5
WRA	Warramunga Arr	22.78	150	JP	Op	22 14 15.7 -1.3
QIZ	Qizhong	22.81	328	JP	Op	22 14 18.3 -1.0
WR0	Warramunga Arr	22.89	150	JP	Op	22 18 26.5 -0.2
WR0	Warramunga Arr	22.89	150	JP	Op	22 14 15.8 -2.3
MNSI	Mandailing Nat	23.00	272	JP	Op	22 14 20.1 +0.7
TPUB	Ta-pu	23.41	356	JP	Op	22 14 24.4 +0.9
RPSI	Rantau Prapat	23.80	277	JP	Op	22 14 26.3 -1.1
RPSI	Rantau Prapat	23.80	277	JP	Op	22 14 31.8
PSI	Prapat	23.81	277	JP	Op	comp=Z, 3.3nm, 0.7s, baz=122, slow=2.5, SNR=9.1
PBSI	Puluu Batu	24.28	270	JP	Op	22 14 32.2 +0.3
COEN	Coen	24.57	125	JP	Op	22 14 33.8 -0.7
COEN	Coen	24.57	125	JP	Op	22 14 46.5
GSI	Gunungstigi	25.03	273	JP	Op	22 14 38.9 +0.3
GSI	Gunungstigi	25.03	273	JP	Op	22 14 38.2 -0.4
KCSI	Kotacane, Aceh	25.05	279	JP	Op	22 14 38.5 -0.3
AS31	Alice Springs	25.81	156			

27d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Songino Array, TAPN Talejung, ODAN Odare, etc.

TAP 27 22:13:44.0, 24 73N:122 38E, h14km, ML2.7, C
JMA 27 22:13:44.4, 24 62N:122 37E, h8km, M2.2
ISC 27 22:13:44.1, 1.0, 24 70N:0.03:122 38E:0.02, h13km, 9km, n43, 0.61/81, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EOS1 EOS1, TWC Suao, NTC Toucheng, etc.

2014 APR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NSK Sanguang, NSK Sanguang, TWD Chiawan, etc.

ISC 27 22:42:50.4:2.0, 0.66S:125 29E, h0km, mb3.0/3,
mb1 3.2/3, mb1mx3.1/47, mbtmsp3.0/3, Error ellipse:
s-maj=204.6km s-min=28.5km az=64.0, Southern
Molucca Sea

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

ISC 27 22:47:12.2:2.2, 0.39N:126 34E, h0km, mb3.2/3,
s-maj=186.1km s-min=28.5km az=65.0, Northern
Molucca Sea

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

ISC 27 22:48:42.0:1.8, 6.56S:154 44E, h0km, mb3.5/6,
mb1 3.7/7, mb1mx3.6/43, mbtmsp3.5/7, ML3.9/1, Error
ellipse: s-maj=49.3km s-min=29.3km az=113.0

ISC 27 22:48:49.5:1.6, 6.55S:154 2E:0.2, h48km, n8, 0.144/8,
mb3.4/6, Bougainville-Solomon Islands region

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

KEA 27 23:04:26.1:0.0, 40.59N:122 76E, h0km, ML2.0/1,
Northeastern China

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

KEA 27 23:06:20.1:0.0, 40.59N:122 76E, h0km, ML2.5/2,
Northeastern China

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SUJ Sinuiju, PYS Pyongsong, etc.

ISC 27 23:13:57.4:1.8, 19.23S:168 93E, h0km, mb3.9/4,
mb1 4.0/5, mb1mx3.8/29, mbtmsp3.8/5, ML3.4/1, Error
ellipse: s-maj=73.4km s-min=27.0km az=139.0

ISC 27 23:14:02.6:1.6, 19.3S:0.3:169 0E:0.4, h35km, n10,
0.65/11, mb3.9/4, Vanuatu Islands

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

1918

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Songino Array, ILAR Eielson Array, etc.

ISC 27 23:18:34.6:2.2, 7.73S:126 71E, h0km, mb3.1/1,
mb1 3.9/3, mb1mx3.5/35, mbtmsp3.7/3, ML3.8/2, Error
ellipse: s-maj=270.6km s-min=33.0km az=62.0, Banda
Sea

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

ISC 27 23:26:15.6:1.7, 1.71S:119 61E, h0km, mb3.4/4,
mb1 3.6/4, mb1mx3.4/30, mbtmsp3.4/4, Error ellipse:
s-maj=173.0km s-min=22.7km az=61.0

ISC 27 23:26:21.0:1.3, 2.5S:12 0E, h22km, 12km, M4.5/7,
mb6.7/1, mb6.3/1, MLV3.7/7, MW(MB)6.6/1

ISC 27 23:27:16.1:1.7, 1.60S:0.05:119 83E:0.10, h13km, 13km,
n11, 0.92/16, mb3.4/4, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TTSI Tana Toraja, MPSP Mapaga, etc.

ISC 27 23:33:00.6:5.5, 7.04S:12 31W, h0km, mb3.6/5, mb1 3.7/6,
mb1mx3.5/29, mbtmsp3.7/6, ML3.1/1, MS3.4/2, Ms1 3.4/12,
ms1mx3.2/28, Error ellipse: s-maj=197.8km s-min=94.7km
az=137.0

ISC 27 23:33:04.0:3.4, 7.05S:0.7:12 30W:0.9, h19km, n18, 0.93/26,
mb3.5/5, MS3.5/11, Ascension Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N1 ASCENSION HYDR, H10N2 ASCENSION HYDR, etc.

ISC 27 23:39:27.5:1.8, 43.37N:140 01E, h0km, mb3.4/2,
mb1 3.7/3, mb1mx3.2/35, mbtmsp3.5/3, ML2.8/1, Error
ellipse: s-maj=65.3km s-min=35.6km az=101.0

JMA 27 23:39:36.9:0.1, 42.49N:141 44E, h133km, 1km, M2.8
ISC 27 23:39:36.9:1.8, 42.49N:0.05:141 49E:0.05,
h132km, 11km, n22, 0.61/29, Hokkaido region

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

28d 0h

2014 APR

1920

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like N51A Ashland, M55A Ridgway, M54A Old Creek Stat, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like E54A Lac Daplat, E51A G1948 Merrick, D57A Xchem Vers le, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STG3 Santiaguito 3, FUG Fuego 3, IXG Ixpac, etc.

IDC 28 00:11:30.1±1.9, 7.15S:123.67E, h0km, mb3.3/1, mb1 3.6/4, mb1mx3.4/4, mbtmp3.4/4, ML3.6/3, Error ellipse: s-maj=125.6km s-min=27.7km az=64.0, Banda Sea

IDC 28 00:24:40.0, 0.7, 6.69N:72.95W, h162km, 9km, mb3.2/4, mb1 3.6/7, mb1mx3.2/4, mbtmp3.9/7, MS3.6/1, M1 3.5/1, ms1mx2.7/23, Error ellipse: s-maj=27.6km s-min=7.7km az=133.0, RSN 28 00:24:41.5±1.0, 6.80N:73.12W, h147km, 5km, ML3.5, Mw3.8

ISC 28 00:24:40.0±0.8, 6.85N:0.03:73.10W:0.04, h157km, 6km, n45, c158/79, mb3.5/4, 5C-4D, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PAMC Pamplona, COLO, BRRC Barranca, RUSC La Rusia, TAME Tame, etc.

1921

Table with columns: POPC, SOTA, PCRV, TXAR, ULM, SCHO, YKA, TORD, ASAR, WRA. Includes station names, coordinates, and various parameters like SNR and magnitude.

BGR 28 00:43:49.1±0.0, 18°56'N, 121°27'E, h37km, m0.6, Ms5.1
NEIC 28 00:43:50.6±1.6, 19°71'N, 120°07'E, 0.04, h6km, mb5.6

MAN 28 00:43:51.9, 19°73'N, 120°06'E, h47km, Ms5.4
MAN Intensity II - Laoag City.
NEIC 28 00:43:51.7, 19°74'N, 120°05'E, h6km, Moment Tensor Solution.

KLM 28 00:43:52.0, 19°57'N, 120°18'E, h10km, mb5.6
GCMT 28 00:43:52.0, 19°74'N, 120°01'E, 119°99'E, 0.01, h17km, Mw5.4

MOS 28 00:43:52.5±0.9, 19°72'N, 120°14'E, h27km, mb5.9/96, Ms5.1/63
BUJ 28 00:43:52.0±0.0, 19°96'N, 119°98'E, h10km, mb5.4/74, Ms5.3/73

NEIC 28 00:43:53.19, 19°79'N, 120°08'E, h18km, Moment Tensor Solution.
Mw5.0/85; Ms5.0/69; Mw=0.7; Mw0=0.37; Fault plane solution: M=1.630000, 1017, NP1=38.00000, 836.00000

IDC 28 00:43:54.7±1.9, 19°64'N, 120°18'E, h31km±13km, mb5.2/38, mb1.5/341, mb1mx5.3/44, mbmp5.4/41, ML4.7/3, Ms4.7/36, Ms1.4/736, ms1mx4.5/61 Error ellipse: s-maj=11.8km s-min=8.2km az=81.0

ISC 28 00:43:52.9±0.6, 19.688N, 0°02'120°09'E, 0.03, h19km, 2km, 1h19km, P, n1462, s1932/1593, mb5.6/357, Ms5.0/161, 51C-145D, Philippine Islands region

Main table for 1921 with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations and their recorded data.

2014 APR

Main table for 2014 APR with columns: Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations and their recorded data.

28d 0h

Main table for 28d 0h with columns: Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations and their recorded data.

Table with columns for station call signs (e.g., DRO, SUE, DOB), frequencies, and various signal quality metrics (e.g., SNR, S/N, S/NR).

Table with columns for station call signs (e.g., NEUB, NKC, NKC), frequencies, and various signal quality metrics (e.g., SNR, S/N, S/NR).

Table with columns for station call signs (e.g., BFO, BFO, BFO), frequencies, and various signal quality metrics (e.g., SNR, S/N, S/NR).

VNDA	comp=Z,202nm,21.2s,baz=337,slow=35	LR	LR	01 42 54.8					
NVAR	Mina Array Bea 100.41 43 P	Pdf		00 57 39.2 -0.1					
NVAR	comp=Z,2.7nm,1.0s,baz=269,slow=5.5,SNR=7.9	PP		01 01 49.0 +3.8					
ESDC	Sonsec Array 101.20 319 P	PP		01 01 50.0 -1.0					
SBC	Santa Barbara 101.72 47 P	Pdf		00 57 44.0 -0.9					
11A1	Troy Canyon, C 102.17 42 P	Pdf		00 57 47.2 0.0					
PDAR	Pinedale Array 102.87 35 PP	PP		01 02 05.2 +1.7					
PDAR	comp=Z,4.2nm,1.2s,baz=304,slow=3.4,SNR=8.0	PKKPbc	PKKPbc	01 13 46.8 -2.1					
ULM	Lac du Bonnet 103.47 23 PP	PP		01 02 08.1 +0.7					
SFS	San Fernando 104.57 318 IAMS_20	PP		01 54 11.1					
SYO	Syowa Base 104.85 2021 epPdf	pPdf		00 58 01.0 -1.7					
SYO	Syowa Base 104.85 2021 esPdf	pPdf		00 58 02.4 +4.5					
MORF	Marinete 105.55 320 epAMS	AMS		01 02 23.2 +7.8					
MORF	comp=Z,4.90nm,14.7s			01 02 15.8 -0.2					
GLA	Glamis 105.85 46 P	PKIKP		01 02 15.8 -0.2					
PV14	Lion Creek, Pa 106.13 38 IAMS_20	IAMS_20		01 46 46.5					
PV05	Paradox Valley 106.28 38 IAMS_20	IAMS_20		01 32 00.4					
ECSD	EROS Data Cent 108.48 27 P	PKIKP		01 02 20.2 -0.4					
ECSD	EROS Data Cent 108.48 27 IAMS_20	IAMS_20		01 39 02.4					
D47A	Chapleau 110.36 17 P	PKIKP		01 02 23.3 -0.7					
D48A	Paudash Townsh 110.59 16 P	PKIKP		01 02 23.7 -0.7					
E47A	Iron Bridge 110.86 17 P	PKIKP		01 02 24.3 -0.7					
CBKS	Cedar Bluff 110.88 32 P	PKIKP		01 02 24.6 -0.7					
D194	G1974 Best Tow 111.08 14 P	PKIKP		01 02 24.3 -1.1					
E48A	Lockeys 111.14 16 P	PKIKP		01 02 24.3 -1.2					
TORD	Torodi Ar. Bea 111.15 293 PKIKP	PKIKP		01 02 25.2 -1.1					
TORD	comp=Z,7.1nm,0.9s,baz=24,slow=2.2,SNR=27	PP		01 02 59.6 -5.6					
TORD	comp=Z,6.0nm,1.2s,baz=69,slow=2.4,SNR=5.5	PKKPbc	PKKPbc	01 13 22.9 +0.8					
D51A	Lot 18 Range I 111.26 14 P	PKIKP		01 02 24.5 -1.2					
D53A	Lac Vacive, Po 111.64 13 P	PKIKP		01 02 25.2 -1.2					
JFWS	Jewell Farm 111.73 24 P	PKIKP		01 02 25.7 -1.0					
E51A	G1948 Merrick 111.76 14 P	PKIKP		01 02 25.8 -0.9					
F49A	Sandfield 111.83 17 P	PKIKP		01 02 26.2 -0.6					
G47A	Hillman 111.87 18 P	PKIKP		01 02 26.6 -0.3					
F51A	Arnstein 112.22 15 P	PKIKP		01 02 26.8 -0.7					
D56A	ZEC Mazanza, M 112.24 11 P	PKIKP		01 02 26.8 -0.8					
E53A	Dumoine, Ponti 112.31 13 P	PKIKP		01 02 26.3 -1.4					
D57A	Chemin Vers le 112.42 10 P	PKIKP		01 02 27.0 -1.0					
F52A	Sundridge 112.49 15 P	PKIKP		01 02 27.3 -0.8					
D58A	Chemin du LacG 112.51 10 P	PKIKP		01 02 26.8 -1.3					
E56A	St. Veronique 112.68 11 P	PKIKP		01 02 27.6 -0.9					
AMTX	Amarillo 112.78 36 P	PKIKP		01 02 28.0 -1.0					
D62A	Allapat, All 113.04 7 P	PKIKP		01 02 28.3 -0.7					
G54A	Lake Saint Pet 113.15 14 P	PKIKP		01 02 28.2 -1.2					
E58A	La Victoria 113.15 10 P	PKIKP		01 02 28.7 -0.6					
G53A	Haliburton 113.29 14 P	PKIKP		01 02 29.2 -0.5					
E60A	Ste Agathe de 113.44 9 P	PKIKP		01 02 28.8 -1.1					
H52A	Wyevale 113.44 15 P	PKIKP		01 02 29.1 -0.8					
E61A	Lac Etchemin 113.51 8 P	PKIKP		01 02 29.1 -0.9					
J48A	Bridge Port 113.60 19 P	PKIKP		01 02 29.5 -0.8					
J49A	Marlette 113.73 18 P	PKIKP		01 02 29.6 -0.9					
F60A	Warwick 113.75 9 P	PKIKP		01 02 29.3 -1.2					
I52A	Shelburne 113.90 16 P	PKIKP		01 02 30.5 -0.4					
K51A	Listowel 113.92 17 P	PKIKP		01 02 30.3 -0.6					
I48A	Perry 113.94 19 P	PKIKP		01 02 30.0 -0.9					
G57A	Newington 114.08 12 P	PKIKP		01 02 30.0 -1.1					
DELO	DeIoro Mine 114.09 14 IAMS_20	IAMS_20		02 01 35.6					
H55A	Tweed 114.16 13 P	PKIKP		01 02 30.6 -0.7					
H56A	Elgin 114.31 13 P	PKIKP		01 02 31.4 -0.2					
I55A	Frankford 114.36 14 P	PKIKP		01 02 31.2 -0.5					
WMOK	Wichita Mounta 114.47 35 P	PKIKP		01 02 31.4 -0.9					
L48A	N Adams 114.62 20 P	PKIKP		01 02 31.1 -1.2					
H59A	Cadyville 114.76 11 P	PKIKP		01 02 31.9 -0.6					
G64A	Maxfield 114.88 7 P	PKIKP		01 02 32.2 -0.5					
G63A	Kingsbury 114.91 8 P	PKIKP		01 02 32.1 -0.6					
M48A	Edgerton 114.94 20 P	PKIKP		01 02 32.0 -0.9					
H60A	Morristown 115.01 10 P	PKIKP		01 02 32.3 -0.6					
L50A	Kingsville 115.03 19 P	PKIKP		01 02 32.2 -0.8					
G65A	Princeton 115.06 6 P	PKIKP		01 02 32.3 -0.7					
I57A	Carthage 115.07 13 P	PKIKP		01 02 32.1 -1.0					
TUL1	Leonard 115.10 32 P	PKIKP		01 02 32.1 -1.3					
J55A	Hilton 115.23 14 P	PKIKP		01 02 32.8 -0.6					
I58A	Old Forge 115.44 12 P	PKIKP		01 02 33.4 -0.5					
CCM	Cathedral Cave 115.46 27 P	PKIKP		01 02 33.2 -0.8					
H65A	Eastbrook 115.48 7 P	PKIKP		01 02 33.2 -0.6					
J57A	Williamstown 115.50 13 P	PKIKP		01 02 33.2 -0.7					
TXAR	Lajitas Array 115.54 42 PKP	PKIKP		01 02 34.2 -0.3					
TXAR	comp=Z,2.2nm,0.7s,baz=250,slow=0.8,SNR=23	PP		01 03 31.8 -3.9					
TXAR	comp=Z,3.2nm,1.1s,baz=289,slow=3.8,SNR=5.6	PKKPbc	PKKPbc	01 13 11.2 +3.3					
TXAR	Lajitas Array 115.54 42 PKP	PKIKP		01 02 33.8 -0.7					
I59A	Olsteadville 115.55 11 P	PKIKP		01 02 33.6 -0.4					
I60A	Shoreham 115.61 11 P	PKIKP		01 02 33.8 -0.3					
N49A	Columbus Grove 115.62 20 P	PKIKP		01 02 33.6 -0.7					
K54A	Basillio Farm, 115.64 15 P	PKIKP		01 02 33.5 -0.8					
K55A	Perry 115.68 15 P	PKIKP		01 02 33.4 -0.9					
J58A	Remsen 115.70 12 P	PKIKP		01 02 33.6 -0.8					

J59A	Piesco 115.75 12 P	PKIKP		01 02 33.7 -0.8					
L54A	Sinclairville 115.84 16 P	PKIKP		01 02 33.7 -0.9					
K56A	Midsex 115.89 14 P	PKIKP		01 02 34.0 -0.7					
I62A	Tamworth 115.89 9 P	PKIKP		01 02 34.0 -0.6					
K57A	Scipio Center 116.04 14 P	PKIKP		01 02 34.3 -0.7					
I64A	Boothbay 116.08 8 P	PKIKP		01 02 34.4 -0.6					
N50A	Nevada 116.09 19 P	PKIKP		01 02 34.5 -0.7					
L55A	Hinsdale 116.11 15 P	PKIKP		01 02 34.6 -0.6					
U40A	Yellville 116.15 29 P	PKIKP		01 02 34.4 -1.0					
K58A	Earlville 116.19 13 P	PKIKP		01 02 34.3 -1.0					
N51A	Ashland 116.19 19 P	PKIKP		01 02 34.3 -1.0					
M53A	WJ Miller and 116.21 17 P	PKIKP		01 02 34.6 -0.8					
J61A	Chester 116.22 10 P	PKIKP		01 02 34.4 -0.9					
O49A	Covington 116.23 21 P	PKIKP		01 02 34.8 -0.7					
L56A	Greenwood 116.36 15 P	PKIKP		01 02 35.1 -0.6					
M54A	Oil Creek Stat 116.42 16 P	PKIKP		01 02 35.0 -0.8					
N52A	McGinn's Farm, 116.50 18 P	PKIKP		01 02 35.4 -0.6					
O50A	Cable 116.51 20 P	PKPdf		01 02 35.4 -0.6					
P48A	Milroy 116.51 22 P	PKPdf		01 02 35.2 -0.8					
ACSO	Alum Creek Sta 116.63 20 P	PKPdf		01 02 35.5 -0.7					
W39A	Madeline 116.66 31 P	PKPdf		01 02 35.8 -0.6					
L57A	Andrews Acres 116.66 14 P	PKPdf		01 02 35.4 -0.8					
BINY	Binghamton 116.66 13 P	PKPdf		01 02 35.6 -0.6					
K60A	Five Rivers En 116.69 12 P	PKPdf		01 02 35.7 -0.5					
M55A	Ridgway 116.70 16 P	PKPdf		01 02 35.7 -0.6					
K61A	Williamstown 116.75 11 P	PKPdf		01 02 35.8 -0.6					
N53A	Lisbon 116.75 18 P	PKPdf		01 02 35.7 -0.7					
M56A	Emporium 116.83 15 P	PKPdf		01 02 35.9 -0.7					
O51A	Pataskala 116.83 19 P	PKPdf		01 02 36.0 -0.6					
N54A	Moraine State 116.85 17 P	PKPdf		01 02 35.9 -0.7					
L59A	Walton 116.87 13 P	PKPdf		01 02 36.3 -0.4					
Q48A	North Vernon 116.88 22 P	PKPdf		01 02 36.1 -0.6					
K62A	Royalston 116.93 10 P	PKPdf		01 02 36.3 -0.5					
P50A	Jamestown 116.93 21 P	PKPdf		01 02 35.6 -1.2					
K63A	Dunstable 117.02 10 P	PKPdf		01 02 35.9 -1.0					
L61B	Northampton 117.06 11 P	PKPdf		01 02 36.3 -0.7					
JCT	Junction City 117.08 38 P	PKIKP		01 02 37.4 0.0					
O52A	Adamsville 117.09 19 P	PKPdf		01 02 36.0 -1.1					
Q49A	Aurora 117.10 22 P	PKPdf		01 02 36.4 -0.7					
L61A	Hillsdale 1, H 117.16 11 P	PKPdf		01 02 36.9 -0.2					
O53A	New Philadelphia 117.16 18 P	PKPdf		01 02 37.1 -0.2					
HRV	Adam Dzewonski 117.20 10 P	PKPdf		01 02 36.5 -0.7					

28d 1h1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, etc.

ROM 28 00:53.56±0.0, 43.3332N, 0°00'12.541E, 0.003, h8km, ML2.0/23, 6C-2D, Error ellipse: s-maj=0.2km s-min=0.2km az=202.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATFO Monte Focce - G, MURB Monte Urbano, MURB Monte Urbano, etc.

2014 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNTG Arcevia, ARVD Arcevia, ARVD Arcevia, etc.

1928

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

IDC 28 01:37:42.5±2.1, 39°68'N, 41°66'E, h0km, mb3.3/5, mb1.3/3.8, mb1mx3.1/5.2, mb1mp3.2/8, ML2.3/2, MS3.0/1, Ms1 2.9/1, ms1mx2.5/3.6, Error ellipse: s-maj=36.5km s-min=17.5km az=166.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KOPR Koprakoy-ERZUR, HOMI Horasan, AKDA Akdag, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Litokhoron, Artemida-Makis, Karystos, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Gura Zlata, Paolisi, Lotru, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Honiara, Port Moresby, Warramunga Arr, etc.

28d 4h

Table with columns: Call Sign, Name, Comp, Freq, Mod, Power, Az, El, Status, and other parameters. Includes stations like TRO Tromso, PNTR Pine Nut, PRGR Permogore, etc.

2014 APR

Table with columns: Call Sign, Name, Comp, Freq, Mod, Power, Az, El, Status, and other parameters. Includes stations like Y12C Blythe, GLA Glamis, SUSD Milion, etc.

1934

Table with columns: Call Sign, Name, Comp, Freq, Mod, Power, Az, El, Status, and other parameters. Includes stations like KAC Achnashehall, E53A Dumoine, KPL Milion, etc.

1935

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like W41B Gary Mavity, K54A Basiliko Farm, P49A Miami Univ. Ec, etc.

2014 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like WVT Waverly, TANN Tannenbergstha, BUG Bochum-Univer, etc.

28d 4h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like P59A Jarrettsville, CPCT Cooper Cave, Q58A Fox Den Farm, etc.

28d 4h

Table with columns: Station, Time, Res, and various parameters. Includes stations like W58A Raeford, X57A Johnson Farm, PALK Pallekele, etc.

BUJ 28 04:49:28.8-0.3, 5.59S, 137.09E, h61km, mB5, 0.28, mb4.8/36, Ms4.7/9, Ms7.4/5.7
NEIC 28 04:49:33.0-2.6, 3.32S, 0.07x-136.84E, 0.06, h73km, 6km, mb4.9/52, Error ellipse: s-maj=10.8km s-min=9.0km az=187.0
IDC 28 04:49:32.8-1.8, 3.21S, 136.96E, h67km, 17km, mb4.1/21, mb1.4/2.24, mb1mx4.1/43, mbmp4.5/24, MS3.8/14, Ms1.3/8/14, ms1mx3.5/33, Error ellipse: s-maj=10.5km s-min=10.5km az=65.0
DJA 28 04:49:32.6-0.2, 3.19S, 137.7E, h83km, 5km, M4.8/27, mb2.0/27, mB5.0/20, MW5.0/10, MW6B4.6/20, MWp4.8/1
GCMT 28 04:49:30.0-0.3, 2.28S, 0.02x-136.89E, 0.02, h58km, 3km, MW5.0/79, Moment Tensor Scale: s31, c38, s79, c101; Duration: 0 Moment tensor: Scale 1016Nm; Mrr-0.04s-21; Mss-1.16s-17; Mss-1.12s-20; Mss-0.51s-14; Mss-0.51s-13; Mss-2.17s-15; Best double couple: M=4.326000e16; NP1=351.000000, s89.000000, l31.000000; Principal axes: T 4.4120, P1g22.0000, Azm220.0000; N -0.1730, P1g59.0000, Azm352.0000; P -4.2390, P1g21.0000, Azm121.0000; nst1a refers to body waves, cutoff=40s. nst1a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BAKI Biak, SMPH Sarmi, RKPI Ransiki, etc.

2014 APR

Main table with columns: Station, Time, Res, and various parameters. Includes stations like DAV Davao City (W), APSI Ampana, MRSI Marisa, etc.

1936

Table with columns: Station, Time, Res, and various parameters. Includes stations like GYA comp=Z,170nm,4.0s, GYA comp=Z,200nm,3.9s, etc.

28d 4h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ACSO Alum Creek Sta, M61A Granite Spring, etc.

2014 APR

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like G62A West of Eustis, H52A Weyale, etc.

1938

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like RAR Rarotonga, PAB San Pablo, etc.

NEIC 28 04:59:40.7z 1.2, 0.09S:0.07:127.21E:0.05, h105km, 8km, mb4, 3/17, Error ellipse: s-maj=10.5km s-min=6.4km az=148.0

DJA 28 04:59:41.9z 0.3, 0.3S:2.12E:7.8, h76km, 5km, M4, 5/15, mb5, 1/7, mb4, 5/6, MLV4, 5/15, MW(MB)4, 5/7

IDC 28 04:59:42.5z 2.4, 0.10S:127.35E:1.24km, 25km, mb4, 1/15, mb1, 4/218, mb1mx3, 9/47, mbmp4, 5/18, Error ellipse: s-maj=21.8km s-min=13.1km az=83.0

ISC 28 04:59:40.3z 0.5, 0.09S:0.04:127.22E:0.05, h100km, m69, @138/77, mb4, 4/18, Malhamera

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LBMI Labuha, TNTI Ternate, etc.

NEIC 28 05:38:47.6,2.7,9.22S:0.05x110.38E:0.06,h35km,1km,
m4.2/28,Error ellipse: s-maj=10.1km s-min=8.2km
az=95.0

DJA 28 05:38:49.2,0.7,9.53S:11.0E:h,24km,7km,M4.6/17,
m8.4/9.4,m4.6/5,MLV4.7/17,MW(mB)4.2/4
IDC 28 05:38:51.2,2.0,9.00S:110.51E,h64km,19km,mb3.9/12,
mb1.4/0.15,mb1mx3.8/4.2,mbtmp4.9/15,MS3.6/8,
Ms1.3.6/8,ms1mx3.2/3.9,Error ellipse: s-maj=21.9km
s-min=11.3km az=45.0

ISC 28 05:38:46.8-1.5,9.18S:0.05x110.47E:0.04,h28km,10km,
n84,c172/89,mb4.3/21,MS3.7/5,South of Java

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pacitan, Waganama, Wonogiri, Semarang, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GEYT, ABKAR, VANDA, QSPA, BOSHA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like mb4.5/47, NEIC 28 06:21:57.9,1.4,21.55N:107.143, etc.

28d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Seborga, La Foret Royal, Lago del Serru, La Plagne, Rocca Rossa, La Moure, La Chapelle, Pioggiola, Cardoso, Mantova, Signal de Mont, Calviac, Saint Saugle, Lormes, JCT Junction City, NATX Nacogdoches, 060A Indianatown, 451A Vernon, 553A Crawfordville, 237A Lake Whitney, HOE1 SCCRORO T-PHASI, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Ar. Si, TXAR Lajitas Array, WHTX Lake Whitney, WHTX Lake Whitney, 250A Grady, 250A Blakely, CB0C Ciudad Bolivar, TIGA Tifton, ABTX Abilene, Hawle, ABTX Abilene, Hawle, Z47A Carrollton, LRLAL Lakeview Retre, LRLAL Lakeview Retre, Y45A Yeager Farm, C, Y45A Waverly Hall, Z50A Ashland, Z50A Ashland, GUY2C Guyana, Caldas, Z55A Hazelehurst, X40A Basin Creek Fa, X40A Basin Creek Fa, MIAR Mount Ida, MIAR Mount Ida, RREF El Recreo, UALF University of Oxford, U49A Mountaintai, 154A Montrose, X34A Smith Ranch, MNTX Cornudas Mount, MNTX Cornudas Mount, MNTX Cornudas Mount, W41B Hartselle, V, X48A Hartselle, ORTC Orteg, Tolima, W39A Magazine, W39A Magazine, WHAR Woolly Hollow, WHAR Woolly Hollow, GOGA Godfrey, GOGA Godfrey

2014 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISC 28 08:55:26.5, 1.5, 14:57N, 104:03:11W, 0.04, h16km, gkm, n334, r1933/325, mb4.4/57, MS3.9/21, 1C-ID, Near coast. Includes stations like THIG, PCIG, PCIG, STG3, ERG, ERG, CCIG, CCIG, TGBT, TGBT, TGBT, Fuego 3, Pacaya, El Apazote, APG, APG, IXG, NBG, CMIG, CMIG, CMIG, HUIG, HUIG, MRL, THIG, THIG, SNET, VHO, VHO, SCIG, SCIG, TGUH, TGUH, TLIG, CRIN, MYIG, MYIG, MATN, MATN, TEIG, TEIG, TEIG, TEIG, ACON, PLVR, EPN, JTS, JTS, JTS, ARE1, CEDE, MOIG, LCR2, ICCO, ZAIG, 833A, 061Z, 435B, JCT, NATX, 060A, 451A, 553A, 237A, HOE1, TXAR, TXAR, TXAR, WHTX, WHTX, 250A, 250A, ABTX, Z47A, LRLAL, LRLAL, Y45A, Y45A, Z50A, Z50A, GUY2C, Z55A, X40A, X40A, MIAR, MIAR, RREF, UALF, U49A, 154A, X34A, MNTX, MNTX, W41B, X48A, ORTC, W39A, W39A, WHAR, WHAR, GOGA, GOGA

1946

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GOGA Godfrey, SPBC San Pablo de B, WMOK Wichita Mouna, WMOK Wichita Mouna, PLAL Plawick Lake, ROSC El Rosal, Y52A Lilburn, Y52A Lilburn, PRAC Prado, FMO Franklin, FPAL Fort Payne, OKCSW OKLAHOMA CITY, MSTX Muleshoe, MSTX Muleshoe, X51A Calhoun, X51A Calhoun, PAMC Pamplona, Colorado, SDDR Presa de Saban, TUL1 Leonard, TUL1 Leonard, LCAR Lake Charles, RUSC La Rusia, Z56A Williston, Z56A Williston, SWET Sewanee, HBAR Hobbs, AMTX Amarillo, AMTX Amarillo, U40A Yellville, U40A Yellville, U38A Gravette, U38A Gravette, Y55A Saluda, HODGE Hodges, HODGE Grand Truck, X54A Belton, 121A Cookees Peak, D, 121A Cookees Peak, D, T42A Van Buren, T35A Sooner Cattle, T35A Sooner Cattle, PAULI Pauline, PAULI Pauline, TKL Tuckaleechee C, X56A White Oak, W54A Cherokee Point, SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, V53A Saluda, V53A Saluda, KMSC Kings Mountain, V54A Nettie, W56A Indian Trail, CCM Cathedral Cave, CCM Cathedral Cave, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, R40A Madeline Statio, W57A Gilead, W57A Gilead, V55A Taylorsville, V55A Taylorsville, X59A McDuffie Farm, W58A Raeford, TUC Tucson, TUC Tucson, V56A Mocksville, R32A Long Quarter, W31A Wyandotte Cave, U55A TA2, Sparta, V57A Coltrane Farms, V57A King, V58A Windy Hill, Pi, T25A Trinidad, KSU1 Kansas State U, T54A Tazewell, P40A Paris, P40A Paris, P38A Dawn, P38A Dawn, V59A Middlesex, T55A Pulaski, S53A Williamson, U57A Blanch, X18A Snowflake, S54A Dingsess, Beckl, T57A Hurt, SDCO Great Sand Dun

PGC 28 08:40:51.8, 2.5, 50:38N, 139:05W, h10km, ML, Sn3.9/6, Mw4.5/6, 563km 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. Includes stations like VIB Van Inlet, DIB Dawson Inlet, BNB Barry Inlet, NDB Naden, MOBC Moresby Island, HG3B Hotspring, RUBL Prince Rupert, PENNSA Peninsula, MESA MESA, YUK7 Dusty Glacier, GRNC Granite Creek, HYT Haines Junctio, WHT Whitehorse, CTGM Chitina Glacier, KIAG Kiagna River, BALM Baldy, YUK4 Talbot Arm, PTPK Patty Peak, YUK2 White River, YUK1 Sand Pete Hill, DAWY Dawson

NEIC 28 08:55:25.9, 2.8, 14:55N, 107:03:11W, 0.05, h10km, 1km, mb4.5/133, Md4.5(MEX), Error ellipse: s-maj=13.5km s-min=7.0km az=204.0 UCR 28 08:55:27.4, 0.6, 14:55N, 93:10W, h10km, mb4.5(NEIC) MEX 28 08:55:27.0, 1.5, 14:38N, 93:25W, h5km, 35km, Md4.4 GCMT 28 08:55:27.9, 0.4, 14:42N, 03:93:23W, 0.04, h27km, 1km, MW4.8/66, Moment Tensor Solution. s30,c37; s66,c83; Duration: 0 Moment tensor: Scale 10^19Nm; Mrz,123; 15; Mw-1.66; 09; Mw-0.46; 09; Mw-1.16; 13; Mw-0.62; 07; Mw-0.45; 16; Best double couple: M2, 37800*10^16 Np1=3294,00000; s29,00000; 1.92,00000; NP2; 112,00000; s61,00000; 1.89,00000; Principal axes: T 2.4810, Plg74.0000; Azm20.0000; N -0.1970, Plg1.0000; Azm113.0000; P -2.2760, Plg16.0000; Azm203.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function IDC 28 08:55:31.9, 1.7, 14:97N, 92:78W, h45km, 16km, mb3.9/14, mb1.4/217, mb1mx4.0/35, mbtmp4.2/17, ML4.2/3, MS3.9/21, Ms1.3/9/21, ms1mx3.7/30 Error ellipse: s-maj=34.9km s-min=11.0km az=45.0 GCG 28 08:55:39.7, 1.5, 14:59N, 92:32W, h22km, MD4.6

Table of station data for 1947, including columns for station name, frequency, power, and other technical details.

Table of station data for 2014 APR, including columns for station name, frequency, power, and other technical details.

Table of station data for 28d 9h, including columns for station name, frequency, power, and other technical details.

SARI SarD11z-Kayseri 1.40 333 PN Pb 09 15 24.8 +0.1
MALT Malatya 1.49 39 PN Pb 09 15 26.2 0.0

IDC 28 09:18:40.1+2.8, 11:03N:125:56E, h0km, mb3.5/5,
mb1 3.6/5, mb1mx3.4/58, mbmt3.5/5, MS2.9/3, Ms1 2.9/3,
ms1mx2.4/46, Error ellipse: s-maj=270.6km s-min=21.9km
az=65.0,
MS3.6
MAN 28 09:18:43.8, 11:25N:126:00E, h39km, mb4.7, ML3.6,
MS3.6

ISC 28 09:18:39.9, 11:115N:0:04:125:94E:0:07, h2km, 11km,
n19, c221/24, mb3.6/5, MS2.5/3, 1C-1D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OCLP Ormoc, MSPL Maasin, CNP Catarman, etc.

IDC 28 09:40:15.2+1.2, 7:53S:130:36E, h0km, mb4.0/1,
mb1 3.8/4, mb1mx3.5/49, mbmt3.7/4, ML3.4/3, Error
ellipse: s-maj=84.5km s-min=27.6km az=78.0, Tanimbar
Islands region

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

MEX 28 09:56:33.0, 0.7, 14:23N:93:18W, h16km, 122km, MD3.8
GCG 28 09:56:36.7, 0.4, 14:34N:92:75W, h0km, 43km, MD4.0
ISC 28 09:56:31.7, 2.9, 14:53N:0:10:93:1W:0:1, h4km, 14km, n7,
c192/12, Near coast of Chiapas

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

IDC 28 10:01:30.0, 3.6, 6:14S:154:09E, h0km, mb3.3/2,
mb1 3.6/2, mb1mx3.3/37, mbmt3.3/2, MS3.4/1, Ms1 3.4/1,
ms1mx2.5/19, Error ellipse: s-maj=168.4km
s-min=51.1km az=126.0, Bougainville-Solomon Islands
region

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

DJA 28 10:05:05.2, 0.6, 8:53S:121:24E, h14km, 4km, M3.6/8,
MLV3.6/8
IDC 28 10:05:10.6, 2.1, 8:58S:121:24E, h46km, 25km, mb3.6/1,
mb1 3.7/6, mb1mx3.4/46, mbmt3.6/6, ML3.5/5, MS3.4/1,
Ms1 3.4/1, ms1mx2.4/32, Error ellipse: s-maj=55.6km
s-min=9.9km az=55.0,
MS3.6

ISC 28 10:05:01.6, 1.6, 8:03S:0:04:121:76E:0:05, h3km, 13km,
n16, c165/22, Flores region

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

NAM 28 10:25:08.6, 2.3, 26:49S:29:71E, h10km
PRE 28 10:25:37.2, 1.1, 26:39S:27:68E, h2km, ML1.7, South

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WDLM Western Deep L, ERPM east rand prod, etc.

SOME 28 10:42:36.7, 4:118N:82:18E, h5km
NINC 28 10:42:38.9, 1.5, 4:176N:81:99E, h0km, mb3.5, mpv3.2,
Error ellipse: s-maj=10.6km s-min=5.6km az=159.0,
ISC 28 10:42:35.0, 2.8, 4:21N:0:1:82:70E:0:10, h13km, n12,
c1907/19, 2C-2D, Northern Xinjiang

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

IDC 28 10:44:04.0, 5.3, 17:66S:178:25W, h529km, 63km,
mb3.3/12, mb1 3.5/12, mb1mx3.3/45, mbmt3.4/12, Error
ellipse: s-maj=31.5km s-min=20.0km az=170.0,
NEIC 28 10:44:07.5, 2.1, 17:85S:0:2:178:4W:0:2, h573km, 9km,
mb4.3/15, Error ellipse: s-maj=28.6km s-min=20.0km
az=141.0,
ISC 28 10:44:05.8, 0.7, 17:77S:0:2:178:3W:0:1, h550km, n33,
c1521/32, mb4.1/18, Fiji Islands region

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

IDC 28 10:45:51.0, 9.5, 21:00N:144:74E, h170km, 88km,
mb3.2/10, mb1 3.4/10, mb1mx3.2/50, mbmt3.7/10, Error
ellipse: s-maj=32.6km s-min=20.1km az=84.0,
ISC 28 10:45:48.8, 0.9, 21:01N:0:2:144:7E:0:2, h150km, n10,
c065/10, mb3.5/10, Mariana Islands

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

NIED 28 11:07:00.3, 8:80N:142:50E, h38km, Mw3.9 Best double
couple: M7.90000x1014 NP1.8x228.00000, 881.00000,
lambda-117.00000. NP2.8x121.00000, 828.00000,
lambda-19.00000,
IDC 28 11:07:24.4, 1.0, 38:71N:142:43E, h0km, mb3.6/7,
mb1 3.8/11, mb1mx3.6/45, mbmt3.7/11, ML3.3/4, MS2.9/6,
M3.0/6, ms1mx2.6/54, Error ellipse: s-maj=25.9km
s-min=16.7km az=92.0,
JMA 28 11:07:28.3, 0.1, 38:80N:142:41E, h36km, 2km, M3.9
JMA Feit J1,
NEIC 28 11:07:29.6, 1.8, 38:73N:0:03:142:6E:0:1, h35km, 2km,
mb4.3/10, Error ellipse: s-maj=16.4km s-min=3.8km
az=103.0,
ISC 28 11:07:29.7, 0.9, 38:76N:0:05:142:37E:0:10, h38km, 3km,
n55, c1917/62, mb4.1/13, MS3.0/3, 3C-1D, Near east coast
of eastern Honshu

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

USRK Ussuriysk Arr 9.50 308 Pn Pn 11 09 45.3 +1.5
USRK Ussuriysk Arr 9.50 308 Pn Pn 11 09 45.3 +1.5
USRK Ussuriysk Arr 9.50 308 Pn Pn 11 09 45.3 +1.5
USRK Ussuriysk Arr 9.50 308 Pn Pn 11 09 45.3 +1.5
USRK Ussuriysk Arr 9.50 308 Pn Pn 11 09 45.3 +1.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like USRK Ussuriysk Arr, KRSR Korea Array, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SZH, GZR, KHC, Kasperse Hory, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, and other details. Includes stations like H08S1, H08S2, H08S3, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, and other details. Includes stations like CMAR, ASAR, WRA, YKA, etc.

Main table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TA01, PATCX, PUNTA Patache, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, and other details. Includes stations like IDC 28 12:23, IDC 28 12:24, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, and other details. Includes stations like PSGC, PSXC, TA02, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PB11, PB12, PB13, etc.

1953

TBLG	Delisi	74.27	350	P	P	12 55 29.7	+0.3
ARSB	Arslanbob	74.46	12	P	P	12 55 30.8	+0.1
ARSB	Arslanbob	74.46	12	P	P	12 55 30.8	+0.1
BCA	Borcka	74.48	348	↑	P	12 55 27.4	-3.3
BRTR	Keskin Array B	74.62	341	P	P	12 55 31.4	-0.3
BRTR	comp-Z, 6.5nm, 0.8s, baz=167, slow=8, 1.SNR=25			LR	LR	13 27 02.4	
BRTR	comp-Z, 1.14nm, 18.7s, baz=139, slow=35						
BRTR	Keskin Array B	74.62	341	ceP	P	12 55 31.7	0.0
BRTR	comp-Z, 7.0nm, 0.8s						
BRTR	Keskin Array B	74.62	341	P	P	12 55 31.6	-0.1
BR131	Keskin Array S	74.62	341	P	P	12 55 31.9	+0.2
BR131	SNR=8.2						
BR131	Keskin Array S	74.62	341	P	P	12 55 31.4	-0.3
BR131	comp-Z, 2.3nm, 1.1s						
BR131	Keskin Array S	74.62	341	P	P	12 55 31.4	-0.3
IUG	Iuzhnay	74.78	10	eP	P	12 55 32.5	0.0
IUG	Iuzhnay	74.78	10	eP	P	12 55 32.4	0.0
APE	Apeiranthos	74.79	334	↑	P	12 55 33.3	+0.7
APE	Apeiranthos	74.79	334	↑	P	12 55 33.3	+0.7
CHM	Chimkent	74.88	10	eP	P	12 55 31.5	-1.5
CHM	Chimkent	74.88	10	eP	P	12 55 31.4	-1.5
GVA	Gulyang	74.97	45	↑	PP	12 55 33.8	-0.2
GVA	Gulyang	74.97	45	↑	PP	12 58 26.3	+4.1
GVA	comp-Z, 10.0nm, 0.9s					13 05 11.8	+0.9
GVA	comp-Z, 150nm, 3.9s						
GVA	comp-Z, 260nm, 18.3s			LR	LR		
GVA	comp-Z, 410nm, 18.5s			LR	LR		
ANTO	Ankara	74.99	341	P	P	12 55 33.7	0.0
ANTO	comp-Z, 460nm, 19.5s						
ANTO	Ankara	74.99	341	P	P	12 55 33.7	0.0
ANTO	comp-Z, 47nm, 1.3s					12 55 45.1	
ANTO	Ankara	74.99	341	P	Iamb	12 55 33.7	0.0
ANTO	comp-Z, 47nm, 1.3s					12 55 45.1	
MAINT	Manisa	75.01	337	P	P	12 55 34.4	+0.4
MAK	Makhachkala	75.14	353	eS	SKIKP	12 55 36.2	+6.2
MAK	Makhachkala	75.14	353	eS	SKIKP	13 05 04.1	+7.1
MAK	comp-Z, 291nm, 1.0s						
NRN	Naryn	75.17	15	P	MLR	12 55 34.6	-0.4
NRN	comp-Z, 534nm, 13.0s						
NRN	Naryn	75.17	15	P	P	12 55 34.6	-0.4
NRN	comp-Z, 16nm, 1.0s						
NRN	Naryn	75.17	15	P	P	12 55 34.6	-0.4
AML	Almayashu	75.37	13	P	P	12 55 37.2	+0.9
AML	SNR=25						
ZEI	Tsey	75.43	350	eP	P	12 55 36.5	+0.2
ZEI	comp-Z, 38nm, 0.9s						
GROC	Groznyy	75.58	352	eP	P	12 55 35.5	-1.4
GROC	Groznyy	75.58	352	eP	P	12 55 47.6	
GROC	Groznyy	75.58	352	eS	S	13 05 19.8	+3.2
GROC	Groznyy	75.58	352	eP	P	12 55 47.6	
UCH	Uchitor	75.62	13	P	P	12 55 38.6	+0.8
UCH	SNR=15						
KZA	Kyzart	75.63	14	P	P	12 55 38.3	+0.5
DZA	Taraz	75.70	11	eP	P	12 55 36.7	-1.0
DZA	Taraz	75.70	11	eP	P	12 55 36.6	-1.1
KK31	Karatay Array	75.78	10	P	P	12 55 38.3	+0.2
KK31	comp-Z, 33nm, 1.1s						
KK31	Karatay Array	75.78	10	P	P	12 55 38.2	+0.2
KK31	comp-Z, 33nm, 1.1s					12 55 50.5	
KKAR	Karatay Array	75.78	10	P	P	12 55 38.4	+0.3
KKAR	comp-Z, 33nm, 1.1s						
KKAR	Karatay Array	75.78	10	P	P	12 55 38.4	+0.3
KKAR	comp-Z, 33nm, 1.1s					12 55 50.5	
KKAR	Karatay Array	75.78	10	P	P	12 55 38.0	-0.2
ILGA	Ilgaz	75.84	342	Iamb	Iamb	12 55 49.2	+0.4
ILGA	comp-Z, 51nm, 1.4s					12 55 54.2	
EKS2	Erkin-Say	75.90	13	P	P	12 55 39.7	+0.8
EKS2	SNR=23						
FAKI	Fak Fak	75.92	85	P	P	12 55 43.9	+4.3
FAKI	comp-Z, 17nm, 1.5s						
FAKI	Fak Fak	75.92	85	P	P	12 55 39.3	-0.3
FAKI	comp-Z, 28nm, 1.3s					12 56 00.7	
ULHL	Ulahov	76.00	15	P	P	12 55 40.0	+0.4
AAK	Ala-Archa	76.02	13	P	P	12 55 40.2	+0.5
AAK	comp-Z, 20nm, 1.1s, baz=191, slow=6.5, SNR=42						
AAK	Ala-Archa	76.02	13	P	P	12 55 40.9	+1.2
AAK	SNR=20						
AAK	Ala-Archa	76.02	13	P	P	12 55 40.9	+1.2
AAK	SNR=20						
AAK	Ala-Archa	76.02	13	dP	P	12 55 40.0	+0.4
AAK	comp-Z, 25nm, 1.2s						
AAK	Ala-Archa	76.02	13	P	P	12 55 40.1	+0.5
AAK	comp-Z, 275nm, 16.0s					12 56 19.4	
KDJ	Kajisay	76.09	15	P	P	12 55 40.1	0.0
KDJ	comp-Z, 54nm, 1.3s						
KDJ	Kajisay	76.09	15	P	P	12 55 40.0	0.0
KDJ	comp-Z, 56nm, 1.2s					12 55 48.0	
KBK	Karagaybulak	76.12	14	P	P	12 55 41.4	+1.1
KBK	SNR=11						
BOOM	Boomskeye usch	76.17	14	P	P	12 55 40.6	+0.1
BOOM	comp-Z, 26nm, 1.0s						
BOOM	Boomskeye usch	76.17	14	P	P	12 55 40.6	+0.1
BOOM	comp-Z, 26nm, 1.0s					12 55 54.2	
SIJI	Sorong	76.19	82	P	P	12 55 41.0	-0.1
SIJI	comp-Z, 19nm, 1.1s, baz=331, slow=4.2, SNR=11						
CHMS	Chumysh	76.41	13	P	P	12 55 42.5	+0.8
KBZ	Khabaz	76.50	350	P	P	12 55 43.0	+0.9
KBZ	comp-Z, 7.3nm, 1.0s, baz=129, slow=6.0, SNR=14					13 28 31.2	
KBZ	comp-Z, 522nm, 19.3s, baz=170, slow=35						
KBZ	Khabaz	76.50	350	dP	P	12 55 42.9	+0.9
KBZ	comp-Z, 33nm, 1.1s						
TKM2	Tokmak 2	76.51	14	P	P	12 55 42.6	+0.1
USP	Ospenovka	76.62	13	P	P	12 55 43.2	+0.2
CD2	Chengdu	76.66	40	P	P	12 55 44.0	+0.6
CD2	comp-Z, 40nm, 0.6s					13 05 32.5	+3.3
CD2	comp-Z, 550nm, 17.7s			LR	LR		
CD2	comp-Z, 400nm, 17.7s			LR	LR		
PRZ	Przheval'sk	76.71	16	P	P	12 55 44.3	+0.7
PRZ	comp-Z, 68nm, 0.9s						
PRZ	Przheval'sk	76.71	16	P	P	12 55 44.3	+0.7
KIV	Kislovodsk	76.75	349	iP	P	12 55 44.8	+1.1
KIV	SNR=11						
KIV	Kislovodsk	76.75	349	eS	S	12 55 45.3	+1.6
KIV	comp-Z, 87nm, 1.0s					13 05 33.8	+4.1
KIV	comp-Z, 207nm, 4.2s						
KIV	Kislovodsk	76.75	349	P	Iamb	12 55 43.7	+0.1
KIV	comp-Z, 40nm, 1.0s					12 56 05.8	
SGDS	Sogindy	76.83	13	eP	P	12 55 43.6	-0.5
SOC	Sochi	76.90	347	eP	P	12 55 42.7	-1.7

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SOC	Kezra	76.90	15	eP	P	12 58 38.3	
SOC	Tian-Shan	76.90	15	eP	PPP	13 00 22.7	
SOC	Tian-Shan	76.90	15	eP	S	13 05 29.7	-1.4
SOC	Tian-Shan	76.90	15	eP	MLR		
TNS	Tian-Shan	76.90	15	eP	P	12 55 43.6	-1.3
TNS	Tian-Shan	76.90	15	eP	P	12 55 43.6	-1.3
MDOK	Medeo	77.05	15	eP	P	12 55 45.5	0.0
MDOK	Medeo	77.05	15	eP	P	12 55 45.4	0.0
AAA	Alma-Ata	77.06	15	eP	P	12 55 44.8	-0.7
AAA	Alma-Ata	77.06	15	eP	P	12 55 46.6	+1.2
AAA	Alma-Ata	77.06	15	eS	S	13 05 31.7	-1.4
AAA	comp-Z, 200nm, 4.0s						
AAA	Alma-Ata	77.06	15	eS	S	13 05 31.7	-1.4
SATY	Saty	77.25	16	eP	P	12 55 46.6	0.0
SATY	comp-Z, 300nm, 5.1s						
SATY	Saty	77.25	16	eP	P	12 55 46.6	0.0
SATY	comp-Z, 20nm, 1.5s						
UZB	Uzymbulak	77.48	16	eP	P	12 55 47.6	-0.3
UZB	comp-Z, 34nm, 1.5s						
UZB	Uzymbulak	77.48	16	eP	P	12 55 47.6	-0.3
UZB	comp-Z, 34nm, 1.5s						
KUU	Kurty	77.59	14	eP	P	12 55 47.9	-0.4
KUU	comp-Z, 38nm, 1.3s						
KUU	Kurty	77.59	14	eP	P	12 55 47.9	-0.4
KUU	comp-Z, 38nm, 1.3s						
SHLS	Shalkode	77.60	17	eP	P	12 55 48.8	+0.2
SHLS	comp-Z, 64nm, 1.9s						
SHLS	Shalkode	77.60	17	eP	P	12 55 48.7	+0.2
SHLS	comp-Z, 64nm, 1.9s						
KPKS	Kokpek	77.70	16	eP	P	12 55 48.4	-0.7
KPKS	comp-Z, 55nm, 1.7s						
KPKS	Kokpek	77.70	16	eP	P	12 55 48.3	-0.7
KPKS	comp-Z, 55nm, 1.7s						
AGG	Agios Georgios	77.71	333	P	P	12 55 49.3	+0.2
AGG	comp-Z, 37nm, 1.0s						
AGG	Agios Georgios	77.71	333	P	P	12 55 49.3	+0.2
AGG	comp-Z, 37nm, 1.0s					12 56 16.4	
PDGG	Podgomorye	77.77	17	P	P	12 55 48.5	-0.9
ALN	Alexandroupoli	78.01	336	P	P	12 55 50.6	-0.1
ALN	comp-Z, 11nm, 1.1s						
ALN	Alexandroupoli	78.01	336	P	P	12 55 50.6	-0.1
ALN	comp-Z, 11nm, 1.1s						
BTL	Baital	78.25	12	eP	P	12 55 51.6	-0.3
BTL	comp-Z, 28nm, 1.9s						
BTL	Baital	78.25	12	eS	S	13 05 47.4	+1.6
BTL	Baital	78.25	12	eS	S	12 55 51.6	-0.3
BTL	Baital	78.25	12	eS	S	13 05 47.3	+1.6
LIT	Litokhoron	78.58	334	P	P	12 55 54.4	+0.5
LIT	comp-Z, 29nm, 1.9s						
LIT	Litokhoron	78.58	334	P	P	12 55 54.4	+0.5
LIT	comp-Z, 26nm, 0.9s					12 56 05.3	
LIT	Litokhoron	78.58	334	P	Iamb	12 56 05.3	
EFI	East Falkland	79.13	215	eP	P	12 55 58.8	+1.9
EFI	comp-Z, 20nm, 0.9s						
SIM	Simferopol	79.41	344	P	P	12 55 59.0	+0.7
SIM	comp-Z, 44nm, 1.0s						
ENH	Enshi	79.45	44	P	P	12 55 58.7	-0.2
ENH	comp-Z, 56nm, 1.1s					12 55 07.2	
FNA	Florina	79.60	333	P	P	12 56 00.3	+0.8
FNA	comp-Z, 32nm, 1.3s						
FNA	Florina	79.60	333	P	P	12 56 00.3	+0.8
FNA	comp-Z, 32nm, 1.3s					12 56 26.9	
TIRR	Tirgusor	80.47	340	↑	P	12 56 03.1	-0.9
TIRR	comp-Z, 133nm, 1.4s						
TIRR	Tirgusor	80.47	340	↑	P	12 56 04.3	+0.2
TIRR	comp-Z, 133nm, 1.4s						
WMQ	Urumqi	80.52	22	P	P	12 56 04.3	+0.2
WMQ	comp-Z, 83nm, 1.6s						

28d 12h

Table with columns for station call letters, name, frequency, and other details. Includes stations like OJC, MOA, KRUC, OBN, etc.

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Table with columns for station call letters, name, frequency, and other details. Includes stations like CLL, PVAQ, PBDV, etc.

1954

Table with columns for station call letters, name, frequency, and other details. Includes stations like X56A, K52A, T55A, etc.

1957

Table with columns: Station Name, Frequency, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ULHL, NRN, KRBS, MTBS, etc.

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Table with columns: Station Name, Frequency, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SHLS, PDGK, TDK, DJR, KAPS, FITZ, WBO, WRAB, WRA, WRR, etc.

28d 16h

Table with columns: Station Name, Frequency, Band, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like CM31, CMAR, CMAR, USKR, USKR, USKR, etc.

28d 16h

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1958

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s ISC. Includes stations like TLIG Tiapa, CMIG Matias Romero, JTS Las Juntas de, etc.

Table with columns: V53A, Saluda, 47.30 27 P, Iamb, P, 16 09 40.3 +0.2. Includes stations like PLCA Paso Flores, BEKR Beckworth, P40A Paris, etc.

Table with columns: MLY Manley, 77.97 342 P, Iamb, P, 16 13 04.3 -0.1. Includes stations like BMAR Burnt Mountain, COLD Coldfoot, IMAR Indian Mountain, etc.

NEIC 28 16:07:36.6:2.9, 12:35S:0:06:114:01E:0:08, h10km, 1km, mb4.5/6, Error ellipse: s-maj=13.0km s-min=9.8km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s ISC. Includes stations like DNP Denpasar, JAGI Jajag, RWB Warramunga, etc.

28d 17h

2014 APR

1960

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station identifiers (ASAJ, Asahikawa, Uglegorsk, etc.) and their corresponding coordinates and status.

28d 19h

Table with columns: WET, Wetzeltz, 24.22 170 eP, P, 19 59 45.3 +2.2, etc. Lists various stations and their associated data.

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Table with columns: BILL, BILLINO, 38.45 12 P, P, 20 01 46.7 -1.0, etc. Lists various stations and their associated data.

1966

Table with columns: SPA0, SPITS, 5.61 21 Pn, Pn, 19 59 33.5 -2.0, etc. Lists various stations and their associated data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like GEYT Alibeck, GYA0B ALIBECK ARRAY, SONMI Sogingo Array, etc.

GEN 28 20:00:15.8, 44.622N, 10.42E, h22km, 4km, M11.3
ROM 28 20:00:14.9, 0.4, 44.641N, 0.010, 10.35E, 0.03, h33km, 2km,
ML1.8/2.1C, Error ellipse: s-maj=1.8km s-min=1.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like PRMA PARMIA, ERBM Eremo, GRAM Graiana, etc.

IDC 28 20:13:13.5, 5.3, 5.23S, -153.90E, h0km, mb3.1/3,
mb1 3.3/3, mb1mx3.2/3, mbtmp3.2/3, Error ellipse:
s-maj=158.2km s-min=41.6km az=110.0, New Ireland region

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

IDC 28 20:30:39.7, 1.7, 7.16S, -154.98E, h0km, mb3.8/7,
mb1 4.0/8, mb1mx3.7/5.3, mbtmp3.8/8, ML3.6/1, MS3.8/2,
Ms1 3.8/2, ms1mx2.7/4.4, Error ellipse: s-maj=49.3km
s-min=26.6km az=115.0

ISC 28 20:30:46.9, 1.2, 7.05S, -154.7E, 0.2, h41km, n10,
o#594/10, mb3.9/7, Bougainville-Solomon Islands region

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

IDC 28 20:36:46.3, 1.1, 33.16S, 178.00W, h0km, mb4.5/3,
mb1 4.7/6, mb1mx4.0/5.0, mbtmp4.7/6, ML4.7/3, MS3.8/3,
Ms1 3.8/3, ms1mx3.0/3.6, Error ellipse: s-maj=35.7km
s-min=23.4km az=124.0

NEIC 28 20:36:47.5, 0.8, 33.03S, 0.06, 178.0W, 0.1, h8km, 4km,
mb4.6/1.0, Error ellipse: s-maj=16.3km s-min=8.6km
az=86.0

WEL 28 20:36:48.2, 0.6, 33.3S, 17.8W, h33km, M4.9/16,
m85.3/8, ML5.3/16, MLV5.0/16, Mw(MB)4.7/8

ISC 28 20:36:50.3, 0.8, 33.12S, 0.06, 177.9W, 0.1, h34km, n101,
o#243/114, mb4.5/8, South of Kermadec Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like POWZ Post Office Ro, POFZ Birch Farm, etc.

IDC 28 20:38:54.0, 0.8, 33.12S, 0.06, 177.9W, 0.1, h34km, n101,
o#243/114, mb4.5/8, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like WHZ Wether Hill Ro, DCZ Deep Cove, etc.

IDC 28 20:40:57.2, 0.0, 44.57S, 154.57E, h0km, mb3.8/8,
mb1 4.0/8, mb1mx3.7/5.3, mbtmp3.8/8, ML3.6/1, MS3.8/2,
Ms1 3.8/2, ms1mx2.7/4.4, Error ellipse: s-maj=49.3km
s-min=26.6km az=115.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like WBR2 Warrungarra Arr, WRAB Tennant Creek, etc.

IDC 28 20:44:57.2, 0.0, 44.57S, 154.57E, h0km, mb3.8/8,
mb1 4.0/8, mb1mx3.7/5.3, mbtmp3.8/8, ML3.6/1, MS3.8/2,
Ms1 3.8/2, ms1mx2.7/4.4, Error ellipse: s-maj=49.3km
s-min=26.6km az=115.0

ISC 28 20:44:57.2, 0.0, 44.57S, 154.57E, h0km, mb3.8/8,
mb1 4.0/8, mb1mx3.7/5.3, mbtmp3.8/8, ML3.6/1, MS3.8/2,
Ms1 3.8/2, ms1mx2.7/4.4, Error ellipse: s-maj=49.3km
s-min=26.6km az=115.0

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

IDC 28 20:46:13.1, 0.2, 45.57S, 154.57E, h0km, mb3.8/8,
mb1 4.0/8, mb1mx3.7/5.3, mbtmp3.8/8, ML3.6/1, MS3.8/2,
Ms1 3.8/2, ms1mx2.7/4.4, Error ellipse: s-maj=49.3km
s-min=26.6km az=115.0

ISC 28 20:46:13.1, 0.2, 45.57S, 154.57E, h0km, mb3.8/8,
mb1 4.0/8, mb1mx3.7/5.3, mbtmp3.8/8, ML3.6/1, MS3.8/2,
Ms1 3.8/2, ms1mx2.7/4.4, Error ellipse: s-maj=49.3km
s-min=26.6km az=115.0

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

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

IDC 28 20:52:15.8, 0.4, 44.622N, 10.42E, h22km, 4km, M11.3
ROM 28 20:00:14.9, 0.4, 44.641N, 0.010, 10.35E, 0.03, h33km, 2km,
ML1.8/2.1C, Error ellipse: s-maj=1.8km s-min=1.1km

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

IDC 28 20:52:15.8, 0.4, 44.622N, 10.42E, h22km, 4km, M11.3
ROM 28 20:00:14.9, 0.4, 44.641N, 0.010, 10.35E, 0.03, h33km, 2km,
ML1.8/2.1C, Error ellipse: s-maj=1.8km s-min=1.1km

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

IDC 28 20:52:15.8, 0.4, 44.622N, 10.42E, h22km, 4km, M11.3
ROM 28 20:00:14.9, 0.4, 44.641N, 0.010, 10.35E, 0.03, h33km, 2km,
ML1.8/2.1C, Error ellipse: s-maj=1.8km s-min=1.1km

ISC 28 20:52:15.8, 0.4, 44.622N, 10.42E, h22km, 4km, M11.3
ROM 28 20:00:14.9, 0.4, 44.641N, 0.010, 10.35E, 0.03, h33km, 2km,
ML1.8/2.1C, Error ellipse: s-maj=1.8km s-min=1.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like GANJ Ganja, ODFL Odiflotskaro, etc.

IDC 28 20:52:15.8, 0.4, 44.622N, 10.42E, h22km, 4km, M11.3
ROM 28 20:00:14.9, 0.4, 44.641N, 0.010, 10.35E, 0.03, h33km, 2km,
ML1.8/2.1C, Error ellipse: s-maj=1.8km s-min=1.1km

ISC 28 20:52:15.8, 0.4, 44.622N, 10.42E, h22km, 4km, M11.3
ROM 28 20:00:14.9, 0.4, 44.641N, 0.010, 10.35E, 0.03, h33km, 2km,
ML1.8/2.1C, Error ellipse: s-maj=1.8km s-min=1.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like GDB GEDABAY, ORD Ordubad, etc.

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EMOS	48nm,0.3s,SNR=7.9	Lg	Lg	07 04 48.8			
EMOS	4um,0.7s,SNR=7.9	S	Sn	07 04 40.0 -0.9			
EMOS	Mosqueruela	2.73 187	Pb	07 04 09.4 +1.5			
EMOS	Mosqueruela	2.73 187	Pb	07 04 13.3 +0.4			
LASF	Ste Croix	2.98 69	ePn	07 04 10.0 -1.1			
LASF	254nm,0.3s	eSn	Sg	07 04 43.7 -3.1			
LASF	2um,0.5s	eSg	Sg	07 04 57.9 -2.0			
TRBF	Trabuc cave	3.06 69	Pn	07 04 11.9 -0.2			
CHIF	Chize	3.07 355	Pn	07 04 12.3 +0.1			
LBL	Lubilhac	3.18 46	Pn	07 04 13.5 +0.5			
PYM	Petit Puy Mans	3.44 38	Pn	07 04 18.1 +0.7			
MFF	Saint Martin d	3.52 358	ePn	07 04 18.6 0.0			
MFF	Saint Martin d	3.52 358	ePn	07 04 30.7 -0.9			
MFF	55nm,0.1s	eSg	Sg	07 04 56.6 -3.5			
MFF	55nm,0.1s	eSg	Sg	07 05 16.1 -1.2			
ECHE	546nm,0.3s	Pn	Pn	07 04 20.1 +1.0			
ECHE	Chera	3.56 192	Pg	07 04 29.8 -2.4			
ECHE	Chera	3.56 192	Pg	07 04 20.1 +1.0			
ECHE	Chera	3.56 192	Pg	07 04 29.8 -2.4			
TCF	Toulx Ste Croi	3.58 25	ePn	07 04 18.9 -0.4			
TCF	Toulx Ste Croi	3.58 25	ePn	07 04 22.7 -1.9			
TCF	137nm,0.3s	eSg	Sg	07 04 58.4 -3.1			
TCF	137nm,0.3s	eSg	Sg	07 05 16.6 -2.4			
AGO	Saint Agoulin	3.73 36	Pn	07 04 21.8 +0.5			
EARI	Arriondas	3.81 275	Pn	07 04 24.0 +1.5			
EARI	22nm,0.3s,SNR=7.9	Sn	Sn	07 05 06.6 -0.6			
EARI	58nm,0.5s,SNR=7.9	Lg	Lg	07 05 25.3			
EARI	41nm,0.3s,SNR=7.9	Lg	Lg	07 05 25.3			
EARI	Arriondas	3.81 275	Pn	07 04 24.5 +2.0			
EARI	22nm,0.3s,SNR=7.9	Sn	Sn	07 05 06.6 -0.6			
VIVF	Saint-Julien-I	3.82 61	ePn	07 04 22.7 -0.1			
VIVF	Saint-Julien-I	3.82 61	ePn	07 04 35.6 -1.6			
VIVF	122nm,0.4s	eSg	Sg	07 05 24.0 -2.7			
VIVF	551nm,0.3s	eSg	Sg	07 05 24.0 -2.7			
ETOS	Mallorca	3.93 146	Pn	07 04 24.9 +0.7			
ETOS	4.8nm,0.3s,SNR=7.9	Lg	Lg	07 05 07.7 -2.5			
ETOS	40nm,0.5s,SNR=7.9	Sn	Sn	07 05 07.7 -2.5			
ETOS	79nm,0.4s,SNR=7.9	Lg	Lg	07 05 25.8			
ETOS	Mallorca	3.93 146	Pn	07 04 24.5 +0.5			
ETOS	79nm,0.4s,SNR=7.9	Lg	Lg	07 05 25.8			
ETOS	Mallorca	3.93 146	Pn	07 04 24.5 +0.5			
GUD	Guadarrama	3.94 233	Pn	07 05 07.7 -2.5			
GUD	9.5nm,0.2s,SNR=7.9	Sn	Sn	07 04 25.9 +1.5			
GUD	188nm,0.4s,SNR=7.9	Lg	Lg	07 05 09.6 -0.8			
GUD	137nm,0.3s,SNR=7.9	Lg	Lg	07 05 26.6			
GUD	Guadarrama	3.94 233	Pn	07 04 25.9 +1.5			
GUD	137nm,0.3s,SNR=7.9	Lg	Lg	07 05 26.6			
SSB	Saint Sauveur	3.94 55	Pn	07 05 09.6 -0.8			
BGF	Bois d'Agland	4.03 29	ePn	07 04 24.9 +0.5			
BGF	Bois d'Agland	4.03 29	ePn	07 04 25.2 +0.3			
BGF	357nm,0.4s	eSg	Sg	07 05 08.1 -4.5			
BGF	357nm,0.4s	eSg	Sg	07 05 30.1 -3.3			
SMRF	Simiane la Rot	4.16 76	ePn	07 04 27.4 +0.1			
SMRF	Simiane la Rot	4.16 76	ePn	07 04 41.3 -2.4			
SMRF	79nm,0.4s	eSg	Sg	07 05 12.6 -3.2			
SMRF	624nm,0.5s	eSg	Sg	07 05 34.8 -2.8			
EIBI	Ibiza	4.17 165	Pn	07 04 27.6 +0.1			
EIBI	1.6nm,0.2s,SNR=7.9	Sn	Sn	07 05 11.9 -4.3			
EIBI	54nm,0.5s,SNR=7.9	Lg	Lg	07 05 29.5			
EIBI	100nm,0.4s,SNR=7.9	Lg	Lg	07 05 29.5			
EIBI	Ibiza	4.17 165	Pn	07 04 27.6 +0.1			
EIBI	100nm,0.4s,SNR=7.9	Lg	Lg	07 05 29.5			
ARTF	la Bastide-des	4.19 77	Pn	07 05 13.4 -2.7			
ARTF	Artigues	4.27 81	Pn	07 04 27.9 +0.1			
MLFY	Mely	4.30 76	Pn	07 04 29.8 +0.5			
EBEN2	Beniarda presa	4.40 182	Pn	07 04 31.0 +0.4			
EBEN2	32nm,0.2s,SNR=7.9	Sn	Sn	07 05 18.9 -2.8			
EBEN2	535nm,1.0s,SNR=7.9	Lg	Lg	07 05 40.3			
EBEN2	194nm,0.4s,SNR=7.9	Pn	Pn	07 04 31.0 +0.4			
EBEN2	Beniarda presa	4.40 182	Pn	07 05 19.1 -1.9			
AVF	Avril sur Loir	4.41 32	ePn	07 04 29.9 -0.9			
AVF	Avril sur Loir	4.41 32	ePn	07 04 46.2 -2.4			
AVF	445nm,0.4s	eSg	Sg	07 05 43.0 -2.7			
AFON	Font Roja	4.43 185	Pn	07 04 31.8 +0.7			
AFON	27nm,0.3s,SNR=7.9	Sn	Sn	07 05 18.5 -4.0			
AFON	153nm,1.2s,SNR=7.9	Lg	Lg	07 05 39.7			
AFON	482nm,0.6s,SNR=7.9	Lg	Lg	07 05 39.7			
AFON	Font Roja	4.43 185	Pn	07 04 31.8 +0.7			
AFON	27nm,0.3s,SNR=7.9	Sn	Sn	07 05 18.5 -4.0			
BLAF	les Blancs	4.49 77	Pn	07 04 32.4 +0.6			
SMIF	Signal de Mont	4.50 36	ePn	07 04 31.9 0.0			
SMIF	Signal de Mont	4.50 36	ePn	07 04 48.1 -2.1			
SMIF	46nm,0.3s	eSg	Sg	07 05 19.0 -5.1			
SMF	243nm,0.3s	eSg	Sg	07 05 45.5 -2.9			
ESBB	Sonsecq Array	4.51 222	Pn	07 04 32.6 +0.4			
ESBB	14nm,0.2s,baz=44,slow=14,SNR=7.9	Sn	Sn	07 05 21.4 -3.2			
ESDC	Sonsecq Array	4.52 222	Pn	07 04 32.7 +0.5			
ESDC	14nm,0.2s,baz=44,slow=14,SNR=7.9	Sn	Sn	07 05 21.3 -3.4			
ESDC	baz=44,slow=24,SNR=7.9	Lg	Lg	07 05 45.8			
ESDC	baz=45,slow=30,SNR=7.9	Lg	Lg	07 05 45.8			
ESDC	Sonsecq Array	4.52 222	Pn	07 04 32.7 +0.5			
ESDC	13nm,0.3s,baz=45,slow=14,SNR=69	Sn	Sn	07 05 21.5 -3.2			
ESDC	38nm,0.3s,baz=43,slow=24,SNR=2.7	Lg	Lg	07 05 43.7			
ESDC	18nm,0.3s,baz=29,slow=29,SNR=5.9	Lg	Lg	07 06 02.1			
ESDC	comp=7.84nm,21.3s,baz=20,slow=36	LR	LR	07 06 02.1			
ETOB	Tobarrá	4.58 195	Pn	07 04 33.9 +0.7			
ETOB	12nm,0.2s,SNR=7.9	Sn	Sn	07 05 22.7 -3.6			
ETOB	45nm,0.7s,SNR=7.9	Lg	Lg	07 05 47.0			
ETOB	295nm,0.7s,SNR=7.9	Lg	Lg	07 05 47.0			
ETOB	Tobarrá	4.58 195	Pn	07 04 33.9 +0.7			
ETOB	12nm,0.2s,SNR=7.9	Sn	Sn	07 05 22.7 -3.6			
ETOB	45nm,0.7s,SNR=7.9	Lg	Lg	07 05 47.0			
ETOB	295nm,0.7s,SNR=7.9	Lg	Lg	07 05 47.0			
HYF	Humbligny	4.59 23	ePn	07 05 22.7 -3.6			
HYF	Humbligny	4.59 23	ePn	07 04 32.0 -1.2			
HYF	Humbligny	4.59 23	ePn	07 04 35.7 +2.5			
HYF	Humbligny	4.59 23	ePn	07 04 49.9 -2.1			
ORIF	Oris-en-Rattie	4.63 65	ePn	07 05 48.6 -2.8			
ORIF	329nm,22.5s	ePn	Pn	07 04 33.9 +0.1			
ORIF	Oris-en-Rattie	4.63 65	ePn	07 04 49.7 -3.0			
ORIF	50nm,0.5s	eSg	Sg	07 05 23.8 -3.7			
ORIF	346nm,0.8s	eSg	Sg	07 05 49.5 -3.2			
GRN	Grenoble	4.67 60	Pn	07 04 35.6 +1.1			
SSF	Saint Saulge	4.70 31	ePn	07 04 33.9 -0.8			
SSF	Saint Saulge	4.70 31	ePn	07 04 50.5 +4.2			
SSF	130nm,0.5s	eSg	Sg	07 05 23.8 -3.7			
SSF	343nm,0.3s	eSg	Sg	07 05 52.1 -2.7			
OGDI	Digne	4.70 75	Pn	07 04 33.9 -0.9			
LMR	La Moure	4.77 85	ePn	07 04 35.3 -0.4			
LMR	La Moure	4.77 85	ePn	07 04 53.0 -2.5			

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LMR	40nm,0.3s	eSn	Sn	07 05 26.4 -4.5			
LMR	73nm,0.2s	eSg	Sg	07 05 53.0 -4.3			
PAB	San Pablo	4.81 224	Pn	07 04 37.3 +1.0			
PAB	19nm,0.2s,SNR=7.9	Pn	Pn	07 05 28.4 -3.5			
PAB	4.9nm,0.5s,SNR=7.9	Lg	Lg	07 05 53.2			
PAB	598nm,0.9s,SNR=7.9	Lg	Lg	07 04 37.0 +0.8			
PAB	San Pablo	4.81 224	Pn	07 05 31.1 -0.7			
OGSM	Saint Maurice	4.81 56	Pn	07 04 38.5 +2.2			
FRF	La Foret Royal	4.88 82	ePn	07 04 37.5 +0.3			
FRF	La Foret Royal	4.88 82	ePn	07 04 54.9 +2.6			
FRF	463nm,0.3s	eSg	Sg	07 05 29.3 -4.3			
FRF	263nm,0.5s	eSg	Sg	07 05 56.8 -3.9			
GDM	Grand Maison	4.89 62	Pn	07 04 40.3 +2.8			
LOR	Lormes	5.00 32	ePn	07 04 37.9 -1.0			
LOR	baz=217	eR	R	07 04 57.7 -2.2			
LOR	257nm,20.2s	ePn	Pn	07 04 57.7 -2.2			
LOR	Lormes	5.00 32	ePn	07 05 32.0 -4.6			
LOR	baz=216	ePn	Pn	07 06 02.0 -2.6			
LOR	50nm,0.3s	eSg	Sg	07 04 42.0 +1.7			
ECAL	Calabor	5.10 259	Pn	07 05 37.4 -1.7			
ECAL	369nm,0.4s	ePn	Pn	07 04 42.0 +1.7			
ECAL	40nm,0.3s,SNR=7.9	Sn	Sn	07 05 37.4 -1.7			
ECAL	92nm,0.8s,SNR=7.9	Pn	Pn	07 04 42.0 +1.7			
ECAL	Calabor	5.10 259	Pn	07 05 37.4 -1.7			
PBRG	Braganca	5.14 258	ePn	07 04 42.7 +1.9			
PBRG	53nm,0.4s	eSg	Sg	07 05 38.0 -2.0			
PBRG	53nm,0.4s	eSg	Sg	07 05 43.3			
PBRG	Montbardon	5.17 69	ePn	07 06 06.7 -2.4			
MBDF	Montbardon	5.17 69	ePn	07 04 40.7 -0.6			
MBDF	48nm,0.5s	eSg	Sg	07 04 59.2 -3.9			
MBDF	48nm,0.5s	eSg	Sg	07 05 36.8 -4.1			
MBDF	48nm,0.5s	eSg	Sg	07 06 05.9 -4.1			
CLF	Chambon-Foret	5.20 17	Pn	07 04 42.9 +1.4			
BNI	Baronecchia	5.21 65	Pn	07 04 44.3 +2.5			
EPON	Pontenova	5.22 275	Pn	07 04 44.0 +2.1			
EPON	1.4nm,0.2s,SNR=7.9	Sn	Sn	07 04 44.0 +2.1			
EPON	180nm,1.1s,SNR=7.9	Sn	Sn	07 05 40.9 -1.2			
EPON	Pontenova	5.22 275	Pn	07 04 44.0 +2.1			
EMUR	La Murta	5.31 191	Pn	07 05 41.1 -0.9			
EMUR	9.8nm,0.2s,SNR=7.9	Sn	Sn	07 04 44.1 +0.9			
EMUR	104nm,0.8s,SNR=7.9	Sn	Sn	07 05 40.4 -3.9			
EMUR	La Murta	5.31 191	Pn	07 04 44.1 +0.9			
EMUR	SNUR=7.9	Pn	Pn	07 05 40.4 -3.9			
SESP	Santiago Espad	5.32 202	Pn	07 04 43.2 -0.1			
SESP	1.2nm,0.2s,SNR=7.9	Sn	Sn	07 05 40.0 -4.5			
SESP	37nm,1.0s,SNR=7.9	Lg	Lg	07 06 09.2			
SESP	108nm,0.4s,SNR=7.9	Lg	Lg	07 06 09.2			
SESP	Santiago Espad	5.32 202	P	07 05 44.5 +1.2			
SESP	Santiago Espad	5.32 202	P	07 04 47.5 +3.0			
SESP	Santiago Espad	5.32 202	P	07 04 43.2 -0.1			
SESP	Santiago Espad	5.32 202	P	07 05 40.0 -4.5			
QUIF	Quistinic	5.32 336	ePn	07 04 43.4 +0.2			
QUIF	Quistinic						

1977

Table of astronomical observations for 1977, listing stations like PESTR, EMAL, ECH, PTOM, PBAR, EMIN, etc., with associated coordinates and data.

2014 APR

Table of astronomical observations for 2014 APR, listing stations like AKLM, MCH1, MCH1, WATA, WTTA, etc., with associated coordinates and data.

29d 7h

Table of astronomical observations for 29d 7h, listing stations like ARCES, TOAO, TORO, TORO, TORO, etc., with associated coordinates and data.

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1978

ATE	511nm,0.1s,SNR=7.9	Lg	Lg	07 07 32.6
ATE	Arette	0.53 272	P S	07 07 24.9 +0.3
ATE	589nm,0.2s	P S		07 07 32.2 +0.5
ATE	Arette	0.53 272	Pg Sg	07 07 25.1 +0.5
ATE	URDF	0.58 310	Pg Sg	07 07 27.7 +0.9
URDF	Val d'Aran	0.69 121	Pg Sg	07 07 36.8 +3.4
CARA			P S	07 07 27.5 -0.1
CARA	2µm,0.2s		P S	07 07 37.4 +0.8
MLS	Moulis	0.79 98	P S	07 07 29.6 0.0
MLS	189nm,0.2s		P S	07 07 40.8 +0.9
MLS	Moulis	0.79 98	Pg Sg	07 07 29.8 +0.3
SJPF	Ste Jean	0.92 273	ePg Sg	07 07 32.4 +0.5
SJPF			eSg	07 07 44.9 +1.0
SJPF	116nm,0.2s		Pg Sg	07 07 32.4 +0.5
SJPF	Ste Jean	0.92 273	Pg Sg	07 07 44.9 +1.0
CTRE	Tremp	0.93 143	P S	07 07 32.3 +0.2
CTRE			P S	07 07 44.5 +0.3
EORO	338nm,0.3s		Pg Sg	07 07 33.6 +0.2
EORO	Oro-Betelu	0.99 260	µPg Sg	07 07 33.6 +0.2
EORO	44nm,0.3s,SNR=18		Lg	07 07 47.2
EORO	209nm,0.2s,SNR=6.5		Lg	07 07 47.2
EORO	Oro-Betelu	0.99 260	µPg Sg	07 07 33.6 +0.2
CEST	Esterrri de Car	1.02 117	P S	07 07 47.9 +0.7
CEST	320nm,0.2s		Pg Sg	07 07 35.1 +0.2
CSOR	Sort	1.07 130	µPg Sg	07 07 35.1 +0.2
CSOR	99nm,0.3s,SNR=18		Lg	07 07 49.5
CSOR	402nm,0.1s,SNR=5.0		Lg	07 07 49.5
CSOR	Sort	1.07 130	S Sg	07 07 48.8 0.0
EALK	601nm,0.2s		Pg Sg	07 07 36.6 +0.6
EALK	Alkurruntz	1.13 278	Pg Sg	07 07 36.6 +0.6
EALK	46nm,0.3s,SNR=8.6		Lg	07 07 51.9
EALK	252nm,0.2s,SNR=6.8		Pg Sg	07 07 36.6 +0.6
EALK	Alkurruntz	1.13 278	Pg Sg	07 07 36.6 +0.6
EALK	Alkurruntz	1.13 278	Pg Sg	07 07 36.6 +0.6
EARA	Aranguren	1.22 256	Pg Sg	07 07 38.3 +0.8
EARA	142nm,0.1s,SNR=5.0		Lg	07 07 54.0
EARA	Aranguren	1.22 256	Pg Sg	07 07 38.3 +0.8
CORG	Organya	1.27 131	S Sg	07 07 55.3 +0.2
ARBVS	La Rabassa	1.28 118	S Sg	07 07 55.4 -0.2
ARBVS	668nm,0.3s		Pg Sg	07 07 38.7 -0.5
CAVN	Les Avelanes	1.30 155	P Sg	07 07 55.9 -0.2
CAVN	3µm,0.2s		Pn	07 07 40.3 +1.1
ESAC	San Caprasio	1.40 195	Pg Sg	07 07 40.3 +1.1
ESAC	798nm,0.3s,SNR=44		Lg	07 07 57.7
ESAC	3µm,0.3s,SNR=27		Pn	07 07 40.3 +1.1
ESAC	San Caprasio	1.40 195	Pg Sg	07 07 40.3 +1.1
ESAC	260nm,0.3s		Lg	07 07 57.8
FNEB	Nbias	1.54 95	S Sg	07 08 03.9 +3.0
CLLI	Llivia	1.55 112	Pg Sg	07 07 44.5 +3.0
CLLI	48nm,0.4s,SNR=12		Lg	07 08 05.4
CLLI	244nm,0.2s,SNR=5.0		Lg	07 08 05.4
CLLI	Llivia	1.55 112	S Sg	07 08 03.5 +2.0
MONQ	Montcuq	1.55 33	Pg Sg	07 07 45.7 +3.1
MONQ	278nm,0.3s		Pb	07 07 45.7 +3.1
EMIR	Miracle	1.60 136	Pg Sg	07 07 45.0 +3.0
EMIR	93nm,0.3s,SNR=12		Lg	07 08 06.5
EMIR	424nm,0.2s		Lg	07 08 06.5
MTLF	Montoliu	1.63 80	ePg Sg	07 07 46.4 +2.5
MTLF	324nm,0.2s		Sb	07 08 07.7 +3.4
CORI	Orieta	1.85 125	S Sg	07 08 10.7 +2.0
CORI	1µm,0.4s		Sn	07 08 10.7 +2.0
EPOB	Poblet	1.89 155	Pg Sg	07 07 49.8 +3.8
EPOB	74nm,0.6s,SNR=14		Sn	07 08 11.1 +1.5
EPOB	238nm,0.5s,SNR=19		Lg	07 08 13.9
EPOB	508nm,0.3s		Lg	07 08 13.9
EPOB	Poblet	1.89 155	S Sg	07 08 10.7 +1.2
LRVF	chteau la Riv	1.89 353	Pn Pg	07 07 48.1 +2.1
LRVF	454nm,0.4s		Pb	07 07 51.9 +3.5
LRVF	07 08 18.2 +3.1		Pg Sg	07 08 18.2 +3.1
FILF	Fillois	1.93 104	S Sg	07 08 10.8 +0.1
FILF	165nm,0.3s		Pn	07 07 48.8 +2.1
LFF	La Frestale	1.94 15	ePn Pn	07 07 42.3 +3.6
LFF	La Frestale	1.94 15	ePn Pn	07 08 10.7 -0.1
LFF	89nm,0.2s		eSg Sb	07 08 17.6 +4.3
CGAR	Garral	1.96 155	S Sg	07 08 20.4 +3.4
CGAR	176nm,0.5s		Sn	07 08 20.4 +3.4
CBEU	Beuda	2.12 112	S Sg	07 08 17.3 +2.0
CBEU	484nm,0.3s		Sn	07 07 51.1 +1.9
ERTA	Horta de San J	2.12 174	Pn Pn	07 07 53.7 +1.4
ERTA	34nm,0.3s,SNR=4.0		Pn	07 08 16.4 +1.0
ERTA	28nm,0.3s,SNR=19		Sn	07 08 16.4 +1.0
ERTA	262nm,0.4s,SNR=7.6		Lg	07 08 21.0
ERTA	203nm,0.2s		Lg	07 08 21.0
ERTA	Horta de San J	2.12 174	S Sg	07 08 16.8 +1.5
SJAF	Saint Jean de	2.18 105	Pb Pn	07 07 54.4 +4.4
SJAF	SNR=7.9		Pg Pb	07 07 56.5 +3.1
SJAF	17nm,0.2s,SNR=7.9		Sn	07 08 20.2 +3.4
SJAF	14nm,0.4s,SNR=7.9		Sn	07 08 20.2 +3.4
SJAF	58nm,0.2s,SNR=7.9		Lg	07 08 25.7
SJAF	Saint Jean de	2.18 105	Pg Sg	07 07 53.7 +3.7
EJON	La Jonquera	2.20 105	Pb Pn	07 07 54.7 +4.4
EJON	SNR=14		Sn	07 08 20.7 +3.4
EJON	16nm,0.2s,SNR=7.9		Lg	07 08 26.5
EJON	127nm,0.2s,SNR=14		Lg	07 07 53.5 +3.0
CFON	Fontmartina	2.21 125	Pn Pn	07 07 56.5 +2.5
CFON	75nm,0.3s,SNR=11		Pg Pb	07 08 19.4 +1.7
CFON	46nm,0.3s,SNR=6.0		Lg	07 08 24.9
CFON	201nm,0.3s,SNR=7.9		Sn	07 08 19.1 +1.4
CFON	2µm,0.3s,SNR=5.0		Lg	07 08 24.9
CFON	Fontmartina	2.21 125	S Sg	07 08 19.1 +1.4
CMAS	Mas de Barbera	2.35 175	S Sg	07 08 22.0 +1.0
CAF	Calviac	2.37 38	ePn Pn	07 07 54.6 +2.0
CAF	Calviac	2.37 38	ePg Sg	07 08 00.4 +3.8
CAF	44nm,0.2s		eSg Sb	07 08 31.2 +5.5
CAF	142nm,0.2s		Pg Sg	07 08 25.3 +2.3
CAPAL	Palau Saverder	2.44 107	S Sg	07 08 25.4 +2.3
CCAS	Cassa de la Se	2.44 118	S Sg	07 07 56.1 +2.0
RJF	Les Rejaudoux	2.48 25	ePn Pn	07 08 02.5 +4.0
RJF	Les Rejaudoux	2.48 25	ePg Sg	07 08 25.2 +1.1
RJF	54nm,0.2s		eSg Sg	07 08 34.8 +1.0
ELAN	Lanestosa	2.54 275	Pn Pn	07 08 58.5 +3.6
ELAN	0.8nm,0.2s,SNR=7.9		Pg Pb	07 08 02.5 +3.0
ELAN	10nm,0.6s,SNR=5.5		Sn	07 08 27.6 +2.0
ELAN	29nm,0.6s,SNR=7.9		Sn	07 07 59.6 +1.9
EMOS	Mosqueruela	2.73 188	Pn Pn	07 08 04.4 +1.6
EMOS	20nm,0.5s,SNR=11		Pg Pb	07 08 04.4 +1.6
EMOS	177nm,0.8s,SNR=14		Pg Pb	07 08 04.4 +1.6

EMOS	38nm,0.3s,SNR=8.3	Sn	Sn	07 08 30.8 +0.3
EMOS	92nm,0.3s,SNR=7.4	Lg	Lg	07 08 38.7
EMOS	Mosqueruela	2.73 188	S Sg	07 08 31.8 +1.3
EMOS	163nm,0.5s		Sn	07 08 31.8 +1.3
ETOR	Torete	2.73 215	Pn Pn	07 07 59.8 +2.2
ETOR	78nm,0.3s,SNR=5.7		Pg Pb	07 08 06.5 +3.7
ETOR	118nm,0.4s,SNR=7.8		Sn	07 08 31.1 +0.6
ETOR	208nm,0.4s,SNR=5.0		Lg	07 08 40.9
ETOR	312nm,0.3s		Lg	07 08 40.9
LASF	Ste Croix	2.96 69	ePn Pn	07 08 02.6 +1.9
LASF	Ste Croix	2.96 69	ePg Sg	07 08 11.4 +0.5
LASF	23nm,0.2s		eSg Sg	07 08 36.0 -0.1
LASF	112nm,0.3s		Pn Pn	07 08 49.1 -0.2
CHIF	Chize	3.08 354	Pn Pn	07 08 03.3 +1.0
MFF	Saint Martin d	3.54 358	ePn Pn	07 08 10.2 +1.6
MFF	Saint Martin d	3.54 358	ePg Sg	07 08 21.3 +4.9
MFF	31nm,0.3s		Sn	07 09 50.3 +0.1
MFF			eSg Sg	07 09 07.4 -0.2
TCF	Touix Ste Croi	3.58 25	ePn Pn	07 08 11.1 +1.9
TCF	Touix Ste Croi	3.58 25	ePg Sg	07 08 23.0 +0.4
TCF	21nm,0.2s		eSg Sg	07 08 51.6 +0.4
VCF	86nm,0.3s		eSg Sg	07 09 09.2 +0.2
VIVF	Saint-Julien-l	3.80 60	ePn Pn	07 08 13.9 +1.6
VIVF	Saint-Julien-l	3.80 60	ePg Sg	07 08 26.8 -0.1
VIVF	16nm,0.3s		eSg Sg	07 08 56.2 -0.6
VIVF	49nm,0.2s		eSg Sg	07 09 15.7 -0.5
EARI	Arriondas	3.83 275	Pn Pn	07 08 15.4 +2.6
EARI	0.6nm,0.2s,SNR=7.9		Sn	07 08 58.4 +0.8
ETOS	Malorca	3.91 147	Pn Pn	07 08 16.0 +2.3
ETOS	34nm,2.1s,SNR=7.9		Sn	07 08 59.3 -0.1
ETOS	2.3nm,0.2s,SNR=7.9		Sn	07 08 59.3 -0.1
GUD	Guadarrama	3.95 234	Pn Pn	07 08 16.8 +2.4
GUD	1.6nm,0.2s,SNR=5.0		Lg	07 09 00.6 -0.1
GUD	24nm,0.4s,SNR=5.8		Sn	07 09 16.6
GUD	19nm,0.4s		Pn Pn	07 08 17.3 +2.0
BGF	Bois d'Anglad	4.03 29	ePn Pn	07 08 31.3 +0.1
BGF	Bois d'Anglad	4.03 29	ePg Sg	07 09 02.3 +0.1
BGF	70nm,0.3s		eSg Sg	07 09 23.2 -0.1
BGF	381nm,0.4s		Pn Pn	07 08 22.1 +5.2
SMRF	Simiane la Rot	4.14 75	ePg Sg	07 08 32.9 -0.5
SMRF	Simiane la Rot	4.14 75	eSg Sg	07 09 03.8 -1.3
SMRF	12nm,0.4s		eSg Sg	07 09 25.8 -1.1
EIBI	7.4nm,0.2s		Pn Pn	07 08 19.3 +2.1
EIBI	Ibiza	4.16 166	Pn Pn	07 09 03.8 -1.7
EIBI	0.4nm,0.2s,SNR=7.9		Sn	07 08 21.9 +1.6
EIBI	9.3nm,0.3s,SNR=5.7		Sn	07 09 09.8 -1.5
EBENZ	Beniarda presa	4.39 182	Pn Pn	07 08 22.4 +1.8
EBENZ	3.0nm,0.2s,SNR=7.9		Sn	07 08 38.1 -0.4
EBENZ	10nm,0.7s,SNR=7.9		Pn Pn	07 09 11.4 -0.3
AVF	Avril sur Loir	4.41 31	ePn Pn	07 08 22.4 +1.8
AVF	Avril sur Loir	4.41 31	ePg Sg	07 09 11.4 -0.3
AVF	6.7nm,0.2s		eSg Sg	07 09 35.0 -0.6
AVF	35nm,0.3s		Pn Pn	07 08 22.7 +1.9
AFON	Font Roja	4.42 186	Pn Pn	07 09 22.0 -3.2
AFON	6.9nm,0.4s,SNR=5.6		Sn	07 08 23.5 +1.8
AFON	2.7nm,0.3s,SNR=5.0		Pn Pn	07 08 39.7 -0.4
SMF	Signal de Mont	4.49 36	ePn Pn	07 09 13.4 -0.3
SMF	Signal de Mont	4.49 36	ePg Sg	07 09 37.6 -0.6
SMF	12nm,0.3s		eSg Sg	07 09 37.6 -0.6
SMF	37nm,0.3s		Pn Pn	07 08 24.1 +1.8
ESDC	Seneca Array	4.53 223	Pn Pn	07 09 13.5 -1.2
ESDC	1.7nm,0.3s,baz=43,slow=14,SNR=4.5		Sn	07 08 24.8 +1.8
ESDC	13nm,0.4s,baz=43,slow=14,SNR=8.6		Pn Pn	07 09 14.9 -1.1
ETOB	Tobara	4.58 196	Pn Pn	07 09 39.6
ETOB	23nm,1.1s,SNR=5.6		Lg	07 08 24

1979

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Fort de Pagny, Montargil, So Bento, etc.

IASPEI 29 07:08:20.0±0.9, 43°01'N±0.03°, 02°W±0.02', h8km±7km, Error ellipse: s-maj=4.8km s-min=2.7km az=17.3, G75 selection from ISC bulletin G75 identified by Bondar and McLaughlin (2009) selection criteria Bondar and McLaughlin, A new ground truth data set for seismic studies, Seism. Res. Let., b>80, 465-472, 2009

MRB 29 07:08:20.2±0.3, 43°01'N±0.02'W, h4km±6km, ML2.6/17, Error ellipse: s-maj=1.4km s-min=1.1km az=231.0, STR 29 07:08:20.5±0.5, 43°04'N±0.03E, h2km, Md2.2, MI3.1/5, smi:scs/0.6/LOCSAT earthModelID smi:scs/0.6/pyrenees_taup-2.11 preliminary

MDD 29 07:08:20.8±0.4, 43°02'N±0.00'W, h0km, mblg2.9/19, Error ellipse: s-maj=5.0km s-min=2.5km az=10.0, PRXIMO LDG 29 07:08:21.1±0.2, 43°04'N±0.03E, h2km, Md2.2, MI3.1/5, Error ellipse: s-maj=3.1km s-min=2.8km az=14.0, ISC 29 07:08:19.9±0.8, 43°03'N±0.02±0.00E±0.02', h8km±6km, n60, ±103/77, France

Main table for 1979 earthquakes, listing station names, coordinates, and residuals for various events.

2014 APR

Table for 2014 APR earthquakes, listing station names, coordinates, and residuals.

ZUR 29 07:10:39.9, 46°66'N, 7°59'E, h8km±1km, MLH0.9/6, 2C-1D, Error ellipse: s-maj=1.9km s-min=1.0km az=93.0, Switzerland

WIMIS Wimmis 0.03 72 ↑Pg Op ISC h m s ISC WIMIS 0.3nm, SNR=30

LKBD Leukerbad 0.27 174 Pg Sg 07 10 43.0 ±0.3 LKBD Lauchernalp 0.27 152 Pg Sg 07 10 45.8 ±0.4

LAUCH LAUCH 0.40 75 Sg Sg 07 10 45.8 ±0.4 HASLI Hasliberg/Brie 0.40 75 Sg Sg 07 10 53.8 ±0.9

HASLI HASLI 0.42 121 ↓Pg Sg 07 10 53.8 ±0.9 FIESA Fiescheralp 0.42 121 ↓Pg Sg 07 10 54.4 ±0.7

TORNY Torny/Romont 0.45 285 Pg Sg 07 10 48.9 ±0.3 EMBD Embd, Matterta 0.47 159 Sg Sg 07 10 55.6 ±0.4 GRIMS Grimsel Gerste 0.51 99 Pg Pg 07 10 50.0 ±0.2

GRIMS GRIMS 0.51 99 Pg Pg 07 10 50.0 ±0.2 SIMPL Simplonpass 0.51 144 Pg Sg 07 10 50.1 ±0.3

GRYON Gryon 0.52 219 Sg Sg 07 10 57.0 ±0.1 GRYON GRYON 0.52 219 Sg Sg 07 10 57.0 ±0.1

NEIC 29 07:12:13.6±0.8, 29°85.0'±1.78'W, h4km±14km, mb4.2/8, Error ellipse: s-maj=25.0km s-min=16.4km az=124.0

ICD 29 07:12:14.6±0.8, 29°54'S±178°17'W, h8km±15km, mb3.8/4, mbtmp4.2/4, Error ellipse: s-maj=41.1km s-min=28.0km

ISC 29 07:12:12.6±0.7, 29°85.0'±1.78'W, h35km±n24, ±195/26, mb4.2/9, Kermadec Islands

RAO Raoul Island 0.75 40 Op ISC h m s ISC RAO Raoul Island 0.75 40 P P 07 12 27.2 ±0.4

RAO Raoul Island 0.75 40 P P 07 12 28.0 ±0.3 RAO Raoul Island 0.75 40 P P 07 12 28.0 ±0.3

OUA Omahuta 8.56 229 Pn Pn 07 14 17.0 ±2.7 BFZ Birch Farm 11.65 200 Pn Pn 07 14 58.4 ±2.3

TUWZ Tuamarina 13.11 206 Pn Pn 07 15 19.9 ±3.7 ARMA Armidale 25.84 261 P Iamb Iamb 07 17 40.8 ±0.1

CTA Charters Tower 33.31 279 P P 07 18 49.9 ±1.7 CTA Charters Tower 33.31 279 P P 07 18 49.9 ±1.7

CTAO Charters Tower 33.31 279 P P 07 18 49.9 ±1.7 STKA Stephens Creek 34.21 256 P Iamb Iamb 07 18 54.2 ±0.1

STKA Stephens Creek 34.21 256 P P 07 18 55.0 ±0.0 AS31 Alice Springs 42.73 267 P P 07 20 05.5 ±1.2

ASAR Alice Springs 42.73 267 P P 07 20 05.3 ±1.3 ASAR Alice Springs 42.73 267 P P 07 20 05.0 ±1.6

WR0 Warramunga Arr 43.49 272 P Iamb Iamb 07 20 12.1 ±0.7 WR0 Warramunga Arr 43.49 272 P Iamb Iamb 07 20 14.7 ±0.1

WB2 Warramunga Arr 43.66 272 P Iamb Iamb 07 20 13.3 ±0.8 WB2 Warramunga Arr 43.66 272 P Iamb Iamb 07 20 14.4 ±0.1

WRA Warramunga Arr 43.67 272 P P 07 20 13.9 ±0.3 WRA Warramunga Arr 43.67 272 P P 07 20 13.1 ±1.2

QSPA South Pole Qui 60.27 180 P P 07 22 15.5 ±1.9 QSPA South Pole Qui 60.27 180 P P 07 22 15.7 ±1.7

SNAA Sanae 78.73 179 P Iamb Iamb 07 24 09.7 ±1.4 SNAA Sanae 78.73 179 P Iamb Iamb 07 24 22.4 ±0.1

FINES FINESS Array B 144.47 340 PKPab PKPab 07 31 39.2 ±3.6 FINES FINESS Array B 144.47 340 PKP PKPab 07 31 39.5 ±3.4

AKASE Malin Array Ba 150.60 323 PKPb PKPdf 07 31 55.3 ±0.3

LDG 29 07:12:36.0±0.1, 43°00'N±0.02E, h2km, Md1.7/3, MI1.9/3, Error ellipse: s-maj=4.8km s-min=2.2km az=178.0

MDD 29 07:12:36.3±0.5, 43°01'N±0.00'W, h0km, mblg1.1/4, Error ellipse: s-maj=6.0km s-min=2.8km az=8.0, PRXIMO, Pyrenees

Table for 2014 APR earthquakes, listing station names, coordinates, and residuals.

29d 7h

Table for 29d 7h earthquakes, listing station names, coordinates, and residuals.

ICD 29 07:22:27.7±1.1, 23°80'S±66°58'W, h201km±14km, mb3.6/2, mbtmp3.9/8, MS3.2/2, Error ellipse: s-maj=18.2km s-min=13.7km az=135.0

NEIC 29 07:22:27.4±1.8, 23°91'S±0°07'66°61'W±0.04, h203km±8km, mb4.0/10, MS3.4/(SJAJ), Error ellipse: s-maj=10.7km s-min=5.0km az=190.0

GUC 29 07:22:29.0±0.4, 23°78'S±67°06'W, h247km±6km, ML4.6 ISC 29 07:22:29.8±0.8, 23°86'S±0°05'66°66'W±0.07, h205km±8km, n62, ±195/81, mb4.0/6, 5C-4D, Jujuy Province

LVC Limon Verde 2.41 301 Pn Pn 07 23 12.6 ±1.2 LVC Limon Verde 2.41 301 Pn Pn 07 23 12.7 ±1.2

LVC Limon Verde 2.41 301 Pn Pn 07 23 12.8 ±1.3 LVC Limon Verde 2.41 301 Pn Pn 07 23 12.8 ±1.3

PB15 IPOC Station P 2.66 284 Pn S 07 23 14.9 ±0.9 PB15 IPOC Station P 2.66 284 Pn S 07 23 14.9 ±0.9

PB06 IPOC Station P 2.91 293 Pn S 07 23 17.8 ±1.0 PB06 IPOC Station P 2.91 293 Pn S 07 23 17.8 ±1.0

PB06 IPOC Station P 2.91 293 Pn S 07 23 17.8 ±1.0 PB06 IPOC Station P 2.91 293 Pn S 07 23 17.8 ±1.0

GO02 Mina Guanaco 2.97 243 Pn S 07 23 18.1 ±0.5 GO02 Mina Guanaco 2.97 243 Pn S 07 23 18.1 ±0.5

GO02 Mina Guanaco 2.97 243 Pn S 07 23 18.1 ±0.5 GO02 Mina Guanaco 2.97 243 Pn S 07 23 18.1 ±0.5

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GO02 Mina Guanaco 2.97 243 Pn S 07 23 18.1 ±0.5 GO02 Mina Guanaco 2.97 243 Pn S 07 23 18.1 ±0.5

GO02 Mina Guanaco 2.97 243 Pn S 07 23 18.1 ±0.5 GO02 Mina Guanaco 2.97 243 Pn S 07 23 18.1 ±0.5

ICD 29 07:23:37.8±4.2, 30°185'S±138°49'E, h0km, mbtmp2.8/3,

ML2.7/3, Error ellipse: s-maj=92.0km s-min=16.3km az=37.0
AUST 29 07:23:38.0,0.4,31.305x138.08E,h56km,17km, Error ellipse: s-maj=4.9km s-min=3.6km az=29.0
ISC 29 07:23:35.6,0.9,31.355x138.08E,0.04,h10km,n10, a142/20,South Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include LCRK Leigh Creek, HTT Hallett, BBOO Buckleboo, STKA Stephens Creek, etc.

NNC 29 07:35:26.3,0.4,50.91N,73.64E,h0km,mb3.9,mpv3.6, 7C-3D, Error ellipse: s-maj=4.3km s-min=3.1km az=57.0, Suspected Mining explosion., Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include OTUK Ortayun, BRVK Borovoye, KURBB Kurchatov Arra, KAPS Kapalarasan, etc.

ISC 29 07:35:37.5,0.9,20.85S,67.64W,h161km,20km,mb3.3/1, mbtmp3.5/5, Error ellipse: s-maj=33.1km s-min=11.4km az=100.0
GUC 29 07:35:39.5,0.7,20.83S,68.00W,h185km,6km,ML3.3
ISC 29 07:35:37.5,0.1,20.82S,67.89W,0.10, h180km,14km,n24,a1916/38,10C,Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PB08 IPOC Station P, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PB09 IPOC Station P, GO01 Chusima, PB02 IPOC Station P, etc.

IDC 29 08:28:33.9,1.3,36.13N,27.52E,h0km,mb3.5/3, mbtmp3.6/6,ML3.6/3, Error ellipse: s-maj=32.8km s-min=19.6km az=161.0

DDA 29 08:28:43.7,36.03N,27.76E,h56km,4km,ML3.1 ATH 29 08:28:43.7,36.06N,27.52E,h69km,3km,ML3.3/9, Error ellipse: s-maj=3.8km s-min=1.3km az=100.0
NIC 29 08:28:44.1,0.0,35.80N,27.80E,h70km,1km,ML3.4/2 ISK 29 08:28:44.2,36.05N,27.73E,h24km,ML3.3/11 THE 29 08:28:45.3,36.04N,27.55E,h72km,3km,ML3.3/12, Error ellipse: s-maj=3.3km s-min=0.7km az=111.0
HLW 29 08:28:47.1,35.35N,27.82E,h10km,12km,MD3.8

ISC 29 08:28:42.3,0.9,35.99N,27.70E,0.03,h82km,6km, n89,r155/133,mb3.3/3, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ARG Arkhangelos, ARG Arkhangelos, ARG Karpathos, etc.

ISC 29 08:28:35.1,2.3,53.49N,87.85E,h0km,mb3.4,mpv3.1, Error ellipse: s-maj=19.4km s-min=10.7km az=63.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include KSL Kastellorizo, STIA Sitia Lasithi, KAS Kas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ANAF Amorgos Island, ANAF Amorgos Island, ANAF Amorgos Island, etc.

NNC 29 08:41:52.2,6.5,53.55N,87.69E,h0km,mbtmp3.4/3, ML3.1/3,6C-2D, Error ellipse: s-maj=23.4km s-min=14.4km az=71.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include I46RU Zalesovo INFRA, ZAAO Zalesovo Array, ZAAO Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Keskin Array B, Yellowknife Ar, Malin Array B, etc.

10C Z-1.1nm,0.8s,baz=295,slow=2.7,SNR=4.9
mmtmp3.4/5,ML3.0/2,MS3.5/3,Error ellipse:
s-maj=52.7km s-min=20.5km az=67.0,Western Nei Mongol

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Songo Array, Makanchi Array, Zalesov Beam, etc.

BUI 29:10:08:47.1+0.0,51.75N:178.84E,h51km,mb4.9/40,
mb5.0/54,Ms4.6/11,Ms7.4/3/8
AEIC 29:10:08:48:2.5,51.4N:0.1:178.80E:0.06,h24km,4km,
ML4.5/26,mb4.8/216(NEIC),Error ellipse: s-maj=14.7km
s-min=5.9km az=181.0

MOS 29:10:08:49:2.1+0.1,60N:178.84E,h51km,mb4.9/49,
MS4.0/5,Error ellipse: s-maj=8.0km s-min=6.8km
az=115.6

IDC 29:10:08:49:51.7,51.56N:178.95E,h52km,13km,mb4.2/31,
mmtmp4.5/35,ML4.7/3,MS3.6/20,Error ellipse:
s-maj=16.2km s-min=9.3km az=158.0

NEIC 29:10:08:50:0.1,6.5143N:0.05:178.81E:0.07,h58km,4km,
Error ellipse: s-maj=8.2km s-min=5.2km az=137.0

ISC 29:10:08:50:6.0,7.5152N:0.07:178.83E:0.03,h62km,5km,
n562,σ110/539,mb4.8/161,18C,Rat Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Gareloi Lava P, Tanaga Southea, Kanaga Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Gambell, Chernabura Isl, Chignik, Severo-Kuril's, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Homer, China Pole, Dog Mine, Bradley Lake, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Paulatuk, Ussuriysk Ar, Matsushiro, etc.

Table of station data for 1985, including call signs (e.g., M51A, O50A), names (e.g., Elyria, Cable), coordinates, and various parameters like SNR and error rates.

Table of station data for 2014 APR, including call signs (e.g., CMAR, Y55A), names (e.g., Chiang Mai Arr, Saluda), coordinates, and various parameters like SNR and error rates.

Table of station data for 29d 10h, including call signs (e.g., H03N2, H03N1), names (e.g., Juan Fernandez), coordinates, and various parameters like SNR and error rates.

Table titled 'NAM 29 10:21:03.21.3, 25.865:29.38E, h0km=16km, MD03.5, South Africa' listing station names, coordinates, and parameters.

Station data for IDC 29 10:37:21.8, 60.0, 16.76S: 178.26W, h0km, mb4.7/3, mbtmp4.7/3, Error ellipse: s-maj=1106.0km, s-min=147.6km az=78.0

Station data for NEIC 29 10:38:15.6, 1.8, 17.7S: 0.2:178.42W, h0km, h565km, 12km, mb4.4/2B, Error ellipse: s-maj=30.8km s-min=5.8km az=161.0

Station data for ISC 29 10:38:14.9, 1.0, 17.7S: 0.2:178.4W: 0.1, h550km, n38, e094/35, mb4.5/18, Fiji Islands region

Large table of station data for the 29d 10h period, including call signs (e.g., MSVF, ARMA), names (e.g., Nonsavu, Armidale), coordinates, and various parameters like SNR and error rates.

1989

Table of station data for 1989, including columns for station name, coordinates, and various parameters like SNR and error rates.

2014 APR

Main table of station data for 2014 APR, including columns for Code, Station Name, coordinates, and various parameters like SNR and error rates.

29d 2.8h

Table of station data for 29d 2.8h, including columns for station name, coordinates, and various parameters like SNR and error rates.

131KZ AKTYUBINSK INF 17.79 101 i 17 10 00.0

IDC 29 15:30:25.4-4.0, 20.44N; 145.40E, h93km, 35km, mb3.5/11, mblmp3.9/12, Error ellipse: s-maj=33.4km s-min=14.6km az=98.0

NEIC 29 15:30:27.9-2.5, 20.55N; 0.07:145.2E-0.2, h109km, 8km, mb4.6/14, Error ellipse: s-maj=24.0km s-min=3.5km az=68.0

ISC 29 15:30:27.0-0.7, 20.51N; 0.07:145.3E-0.2, h100km, n40, e110/42, mb4.0/17, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like GUAM, CHICHIJIMA, MAJOSHIMA, etc.

NIC 29 15:46:25.2-0.0, 35.73N; 32.49E, h16km, 1km, ML2 7/5

DDA 29 15:46:29.2, 35.77N; 32.43E, h10km, 4km, ML2.0

ISC 29 15:46:25.4-1.3, 35.67N; 0.02:32.34E-0.04, h13km, 9km, n24, e135/41, 1C-3D, Cyprus region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ALEFKA, GAZIPASA, AKAMAS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MATHIATIS, ASGATA, ISIKILI, etc.

IDC 29 15:54:45.0-536.0, 57.81N; 29.45E, h0km, Error ellipse: s-maj=199.9km s-min=91.7km az=102.0, Baltic States-Belarus-Northwestern Russia

IDC 29 16:03:52.7-2.4, 11.29N; 92.41E, h0km, mb3.3/3, mblmp3.1/4, ML3.3/1, Error ellipse: s-maj=73.3km s-min=28.9km az=66.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CHIANG MAI ARR, DIEGO GARCIA H, etc.

PRE 29 16:06:34.9-0.4, 26.24S; 27.40E, h2km, ML2.0, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like EAST RAND PROP, SILVERTON, etc.

IDC 29 16:11:15.7-0.2, 15.45S; 167.73E, h115km, 10km, mb4.4/29, mblmp4.8/32, MS3.6/10, Error ellipse: s-maj=12.4km s-min=8.7km az=78.0

MOS 29 16:11:16.3-1.3, 15.45S; 167.52E, h153km, mb4.8/15, Error ellipse: s-maj=10.0km s-min=8.1km az=40.9

NEIC 29 16:11:17.1-1.6, 15.51S; 0.08:167.61E-0.09, h156km, 5km, mb5.0/76, Error ellipse: s-maj=13.1km s-min=12.0km az=74.0

ISC 29 16:11:15.7-0.7, 15.51S; 0.05:167.59E-0.05, h144km, 6km, n472, e191/486, mb4.9/85, 16C-41D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MONT DZUMAC, HONIARA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PORT MORESBY, COEN, etc.

IDC 29 16:21:15.7-0.7, 15.51S; 0.05:167.59E-0.05, h144km, 6km, n472, e191/486, mb4.9/85, 16C-41D, Vanuatu Islands

IDC 29 16:21:15.7-0.7, 15.51S; 0.05:167.59E-0.05, h144km, 6km, n472, e191/486, mb4.9/85, 16C-41D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like QUARTZ RANGE, CANBERRA, etc.

29d 16h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, BBOO Buckleboo, and many others.

2014 APR

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like XAN Xi'an, KMI Kunming, and many others.

1994

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SNAA Sanae, VNA3 Neumayer Olymp, and many others.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FINES, KMBO, NNS, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like DOU, BFO, DAVA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like AAK, AAK, AAK, etc.

Table with columns: KLR, KLF, BKZ, SONM, MXZ, MK31, MKAR, MAZ2, MA2, ZAAO, ZALV, KURK, SEY, VVDA, SOCY, ATKA, TIXI, ABKAR, SDPT, CNBA, OHAK, KDAD, IMAR, PPLA, ILAR, TORD. Includes station names, coordinates, and status.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like SHL, BRDH, CMAR, ASF, WRA, ASAR, HFS, KRVT, PMG, WRA, ASAR, MKAR, TORD.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like SHL, BRDH, CMAR, ASF, WRA, ASAR, HFS, KRVT, PMG, WRA, ASAR, MKAR, TORD.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like SHL, BRDH, CMAR, ASF, WRA, ASAR, HFS, KRVT, PMG, WRA, ASAR, MKAR, TORD.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like SHL, BRDH, CMAR, ASF, WRA, ASAR, HFS, KRVT, PMG, WRA, ASAR, MKAR, TORD.

Table with columns: SRBI, CISI, LEM, FITZ, WRA, ASAR, CMAR, H0S2, H0S3, H0S1, MKAR, ZALV. Includes station names and coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like GRIC, BRU2, MALC, LCR2, YOTC, CVTR, GCVF, GCUF, CRUC, SOTA, CAPC, PCON, JTS, ARE1, GUY2C, ORTC, NORC, PRAC, I26E, I37NO, I43RU, I31KZ.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like I26E, I37NO, I43RU, I31KZ.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like I26E, I37NO, I43RU, I31KZ.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like I26E, I37NO, I43RU, I31KZ.

Table with columns: GKN, PKIN, PKI, KURBB, GUN, AB31, AB31, JIRN, RAMM, BVAR, TAPN, AKTO, ZALV, HFS, SPITS, WRA, ASAR. Includes station names and coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like WRA, ASAR, CMAR, MKAR, ILAR, TORD.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like WRA, ASAR, CMAR, MKAR, ILAR, TORD.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like WRA, ASAR, CMAR, MKAR, ILAR, TORD.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like WRA, ASAR, CMAR, MKAR, ILAR, TORD.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like WRA, ASAR, CMAR, MKAR, ILAR, TORD.

29 20h

Table with columns: TURN, Turunc, 1.59 45 i P, Pn, 19 04 02.9 -2.6, 19 04 15.6 -1.0, 19 04 25.0, comp=N,190nm,0.3s, IAML, 19 04 25.0, YER Yerkesik, 1.63 32 PN, Pp, 19 04 07.6 -0.2, 19 04 10.3 +0.4, 19 04 10.9 +1.0, 19 04 31.4 +1.4, 19 04 09.4 -0.2, 19 04 09.4 -0.2, 19 04 11.2 +0.7, 19 04 13.8 -0.4, 19 04 17.1 -0.3, 19 04 39.1 -1.7, 19 04 52.0, comp=N,51nm,0.8s, 2.25 14 PN, Pp, 19 04 17.1 -1.4, 19 04 20.4 -0.7, 19 04 52.5 +1.9, 19 05 37.0, comp=E,75nm,2.4s, 3.19 34 i P, Pn, 19 04 30.4 +2.7, 19 04 57.4 -8.0

SOME 29 19:24:23.9,41.70N,78.20E,h15km
KRNET 29 19:24:25.0,0.1,41.81N,78.20E,h17km,mb2.2
NCC 29 19:24:25.0,9.41,78N,78.27E,h0km,mb3.0,mpv3.0,
Error ellipse: s-maj=6.3km s-min=2.8km az=170.0
ISC 29 19:24:25.2,1.5,41.79N,0.005,78.16E,0.03,h4km,11km,
n51,cf149/91,21C-16D,Kyrgyzstan-Xinjiang border
region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC, Res. Rows include PRZ Przheval'sk, KDJ Kajias, ANVS Anan'yev, SATY Saty, UZB Uzynbulak, ULHL Ulahol, TNSH Tian-Shan, MDOK Medeo, KOTS Kotyrbulak, NRN Naryn, SHLS Shalkode, AAA Alma-Ata, IZV Izvestkoviy, PDGK Podgornoye, MTBS Matube, KST Kastek, KZA Kyzart, KTBS Karatobe, TKM2 Tokmak 2.

2014 APR

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC, Res. Rows include TKM2, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly, KTMS Ketmen, KTMS Ketmen, ARXS Arxaly, ARXS Arxaly, ARXS Arxaly, KBK Karagaybulak, KRBS Karabastau, KRBS Karabastau, UCH Uchter, UCH Uchter, CHMS Chumysh, DJR Jarkent, DJR Jarkent, AAK Ala-Archa, AAK Ala-Archa, ARLS Aral, ARLS Aral, EKS2 Erkin-Say, EKS2 Erkin-Say, KAPS Kapalarasan, KAPS Kapalarasan, KAPS Kapalarasan, WEL 29 19:29:28.0,40'S,2.175E, h70km,3km, M3.6/18, M3.9/18, MLV3.6/18, Error ellipse: s-maj=0.0km s-min=0.5, North Island.

2002

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h m s, ISC, Res. Rows include CMWZ Cape Campbell, KNZ Kokohu, BSWZ Blackbirch Sta, URZ Urewera, URZ Urewera, MHGZ Mahia Peninsula, QHZ Quartz Range, OPRZ Ohapepanea, RIGZ Rimuhau, WHRZ Whareroa Island, THZ Tophu, RUGZ Raukumara Rang, CNGZ Carnagh Station, MKAZ Moutakai, KAKZ Karaka Road, AWAZ Awahitu Peninsula, KHZ Kahutara, HAZ Te Kaha, WTAZ Waitatara, PUZ Puketiti, PKGZ Pakitiroa, WIAZ Waiake Island, MBAZ Motutapu North, DSZ Dennistown, WMGZ Waiomatatini S, ABAZ Army Bay, MIZZ Mackay Point, GVZ Greta Valley S, LTZ Lake Taylor, WCZ Waipoua Caves, FOZ Fox Glacier, WHRZ Whareroa Island, CTZ Chatham Islands, PYZ Puysegur Point.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Juan Fernandez, Huala, Paso Flores, etc.

TIR 29 20:39:55.1, 41.19N:20.04E, h9km, Md2.5/4
SKO 29 20:39:57.0, 41.24N:20.01E, h0km
BEO 29 20:39:57.4, 1.0, 41.21N:19.73E, h0km, ML2.1/3
ISC 29 20:39:55.7, 1.5, 41.18N:0.07, 19.99E:0.06, h11km, 9km, n12, c0568/20, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tirane, Peshkopia, Ohrid, etc.

IDC 29 20:52:36.6, 2.1, 7.32S:155.43E, h0km, mb3.8/3, mbmp3.9/4, ML3.8/1, Error ellipse: s-maj=51.7km s-min=31.8km az=92.0

NEIC 29 20:52:43.4, 1.8, 7.35S:0.1, 154.9E:0.1, h35km, 2km, mb4.9/3, Error ellipse: s-maj=28.8km s-min=5.4km az=49.0

ISC 29 20:52:42.4, 1.1, 7.45S:0.1, 155.2E:0.2, h31km, n17, c0193/19, mb4.3/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Rabaul, Keravat, Warramunga, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Torodi Arr, Beza, Uchtor, etc.

NNC 29 21:18:00.2, 7.38, 66N:74.89E, h0km, mb3.8, mpv3.3, Error ellipse: s-maj=21.2km s-min=18.8km az=152.0

ISC 29 21:17:59.4, 4.7, 38.4N:0.375, 1E:0.1, h20km, n9, c055/12, 3C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kyzart, Uchtor, Almayashu, etc.

IDC 29 21:31:04.6, 1.8, 5.66S:126.86E, h0km, mb3.4/1, mbmp3.5/4, ML3.4/3, Error ellipse: s-maj=53.0km s-min=29.4km az=75.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sorong, Warramunga, etc.

IDC 29 21:32:59.0, 2.7, 43.53N:105.43W, h0km, mbmp3.3/3, ML3.4/3, Error ellipse: s-maj=65.1km s-min=9.6km az=151.0

NEIC 29 21:33:01.6, 1.9, 43.78N:0.05, 105.29W:0.05, h0km, 1km, ML3.9/9, Error ellipse: s-maj=8.7km s-min=6.0km az=164.0

ISC 29 21:33:00.4, 1.0, 43.77N:0.07, 105.37W:0.06, h0km, n37, c0168/33, Wyoming

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Black Hills, Casper, Warramunga, etc.

ISC 29 22:35:30.5, 6.5, 64S:0.04, 130.78E:0.05, h129km, 4km, h130km, pP-P, n162, c0215/163, mb4.7/40, 2C-3D, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Saumlaki, Saumlaki, Saumlaki, etc.

comp=N,0.1nm,0.3s

GCG 29 22:14:52.0, 0.4, 13.48N:92.82W, h26km, MD4.0
MEX 29 22:14:53.9, 0.4, 13.66N:92.87W, h88km, 65km, MD4.0
IDC 29 22:14:55.8, 4.2, 14.12N:92.66W, h0km, mb3.4/2, mbmp3.5/6, ML2.9/3, MS2.6/3, Error ellipse: s-maj=71.7km s-min=24.2km az=8.0

ISC 29 22:14:54.4, 2.0, 13.5N:0.1, 92.81W:0.07, h35km, n16, c0184/18, Off coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Santiaguito, Fuego 3, Pacaya, etc.

IDC 29 22:16:55.3, 3.4, 10.70S:165.70E, h0km, mb4.1/4, mbmp4.1/5, ML3.7/1, MS3.7/7, Error ellipse: s-maj=45.2km s-min=44.9km az=83.0, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Honiara, Mont Dumac, Warramunga, etc.

BUI 29 22:22:30.8, 0.0, 6.82S:130.75E, h115km, mb4.8/30, mb4.8/41

NEIC 29 22:22:32.6, 3.0, 6.43S:0.05, 130.77E:0.07, h105km, 6km, mb4.7/42, Error ellipse: s-maj=10.2km s-min=7.1km az=73.0

DJA 29 22:22:34.0, 0.2, 6.52S:131.1E, h101km, 3km, M4.8/36, mb4.9/36, mb5.3/19, MLV.5/12, Mw(mB)4.7/19

IDC 29 22:22:36.7, 0.7, 6.48S:130.71E, h131km, 5km, mb4.1/17, mbmp4.5/20, MS3.3/5, Error ellipse: s-maj=16.2km s-min=11.3km az=79.0

ISC 29 22:22:35.3, 0.5, 6.54S:0.04, 130.78E:0.05, h129km, 4km, h130km, pP-P, n162, c0215/163, mb4.7/40, 2C-3D, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Saumlaki, Saumlaki, Saumlaki, etc.

29d 22h

Table with columns for station name, coordinates, and various parameters. Includes stations like LUWI, BKSJ, JAY, etc.

2014 APR

Table with columns for station name, coordinates, and various parameters. Includes stations like HHC, USRK, ASAJ, etc.

2004

Table with columns for station name, coordinates, and various parameters. Includes stations like IDC, PRU, STR, ROM, etc.

2005

PIE1	Pieia	0.64 217	↓ P	Pg	22 26 14.4	-1.2
PIE1			S	Sb	22 26 24.5	-0.2
PIE1	comp=E,6410µm,0.2s		AML	AML		
CING	Cingoli	0.68 172	↓ P	Pg	22 26 15.4	-0.9
CING	comp=N,5145µm,1.6s		AML	AML		
CING	comp=N,5140µm,1.4s		AML	AML		
PARC	Parchiule	0.72 236	P	Pg	22 26 15.9	-1.1
PARC	comp=E,2690µm,1.4s		AML	AML		
PARC	comp=E,2930µm,0.6s		AML	AML		
PARC	comp=N,3130µm,2.7s		AML	AML		
EL6	Elcito	0.72 178	P	Pg	22 26 16.1	-1.1
EL6	comp=E,6775µm,2.5s		AML	AML		
EL6	comp=N,6390µm,2.6s		AML	AML		
EL6	comp=N,6380µm,2.6s		AML	AML		
EL6	comp=N,6760µm,2.5s		AML	AML		
ATPI	Pietralunga -	0.77 219	↓ P	Pg	22 26 16.9	-1.1
ATPI	comp=E,4300µm,1.5s		AML	AML		
ATPI	comp=N,4475µm,1.4s		AML	AML		
ATPI	comp=E,4295µm,1.5s		AML	AML		
ATFO	Monte Foce - G	0.77 208	↓ P	Pg	22 26 16.9	-1.1
ATFO	comp=N,6320µm,0.6s		AML	AML		
ATFO	comp=E,10700µm,0.5s		AML	AML		
ATFO	comp=N,6315µm,0.6s		AML	AML		
PP3	Marolino	0.78 149	P	Pg	22 26 18.1	-0.2
PP3	comp=E,4670µm,0.5s		AML	AML		
PP3	comp=N,5210µm,2.6s		AML	AML		
PP3	comp=N,5120µm,0.5s		AML	AML		
PP3	comp=N,5205µm,2.6s		AML	AML		
FOSV	Fossato di Vic	0.79 196	↓ P	Pg	22 26 17.1	-1.3
FOSV	comp=E,4465µm,0.6s		AML	AML		
FOSV	comp=N,3915µm,0.6s		AML	AML		
SNTG	Esanatoglia	0.80 186	P	Pg	22 26 17.4	-1.2
SNTG	comp=E,508µm,2.6s		AML	AML		
SNTG	comp=N,3460µm,1.5s		AML	AML		
SNTG	comp=N,495µm,1.5s		AML	AML		
SNTG	comp=E,4120µm,2.6s		AML	AML		
BADI	Badiail	0.80 228	P	Pg	22 26 17.4	-1.2
BADI	comp=E,6050µm,2.7s		AML	AML		
BADI	comp=N,8400µm,0.7s		AML	AML		
BADI	comp=E,6055µm,2.7s		AML	AML		
BADI	comp=N,8405µm,0.7s		AML	AML		
ATVO	AVT- Monte Vai	0.82 216	P	Pg	22 26 17.7	-1.3
ATVO	comp=E,4640µm,0.5s		AML	AML		
ATVO	comp=N,6070µm,0.5s		AML	AML		
SSP9	Sansepolcro	0.82 235	P	Pb	22 26 17.8	-1.2
SSP9	comp=E,2405µm,2.7s		AML	AML		
SSP9	comp=N,2545µm,1.0s		AML	AML		
SSP9	comp=E,2480µm,0.7s		AML	AML		
SSP9	comp=N,2598µm,1.3s		AML	AML		
CDCA	Citt' di Caste	0.84 226	P	Pb	22 26 18.9	-0.4
CDCA	comp=E,13250µm,0.8s		AML	AML		
CDCA	comp=N,20900µm,2.6s		AML	AML		
CDCA	comp=E,4445µm,1.2s		AML	AML		
CDCA	comp=N,5930µm,1.2s		AML	AML		
CDCA	comp=E,4470µm,1.2s		AML	AML		
CDCA	comp=N,5940µm,1.2s		AML	AML		
MURB	Monte Urbino	0.88 206	P	Pb	22 26 18.8	-1.2
MURB	comp=E,13350µm,1.3s		AML	AML		
MURB	comp=N,10420µm,0.4s		AML	AML		
MURB	comp=E,13600µm,1.3s		AML	AML		
MURB	comp=N,10555µm,0.4s		AML	AML		
MURB	comp=N,10440µm,0.4s		AML	AML		
MURB	comp=E,13400µm,1.3s		AML	AML		
SFI	Santa Sofia	0.89 261	P	Pb	22 26 19.6	-0.6
SFI	comp=E,2430µm,0.7s		AML	AML		
SFI	comp=N,2315µm,1.1s		AML	AML		
SFI	comp=E,2325µm,1.1s		AML	AML		
SFI	comp=N,2505µm,1.3s		AML	AML		
CRE	Caprese Michel	0.91 242	P	Pb	22 26 19.8	-0.9
CRE	comp=E,2950µm,1.3s		AML	AML		
CRE	comp=N,4445µm,2.8s		AML	AML		
ATMI	Monte Miggiano	0.92 219	P	Pb	22 26 20.2	-0.5
ATMI	comp=E,4885µm,0.6s		AML	AML		
ATMI	comp=N,6970µm,2.9s		AML	AML		
ATMI	comp=E,5350µm,1.0s		AML	AML		
ASU	Cessapalombo	0.96 174	P	Pb	22 26 20.5	-1.0
CSP1	comp=E,6040µm,3.3s		AML	AML		
CSP1	comp=N,6620µm,1.5s		AML	AML		
CSP1	comp=E,6060µm,3.3s		AML	AML		
CSP1	comp=N,6585µm,1.5s		AML	AML		
LMD	Lutirano	0.97 272	ePg	Pb	22 26 21.0	-0.7
LMD	comp=E,2945µm,0.6s		AML	AML		
LMD	comp=N,2620µm,1.3s		AML	AML		
ATTE	AVT- Monte Tez	0.99 211	P	Pb	22 26 20.8	-1.2
ATTE	comp=N,2380µm,1.1s		AML	AML		
ATTE	comp=E,3360µm,0.9s		AML	AML		
FDMO	Fiordimonte	1.01 179	P	Pb	22 26 21.2	-1.1
FDMO	comp=E,3255µm,1.2s		AML	AML		
FDMO	comp=N,6300µm,2.8s		AML	AML		
ASSB	Assisi San Ben	1.05 196	P	Pb	22 26 21.6	-1.3
ASSB	comp=E,2985µm,3.2s		AML	AML		
ASSB	comp=N,4300µm,0.3s		AML	AML		
CESI	CESI - Serrava	1.05 186	P	Pb	22 26 21.8	-1.1
CESI	comp=N,2230µm,1.6s		AML	AML		

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CESI	comp=E,1375µm,0.4s	AML	AML			
CAFI	Castiglione Fio	1.07 228	↓ P	Pb	22 26 22.4	-0.9
CAFI	comp=N,4180µm,0.4s		AML	AML		
CAFI	comp=N,2815µm,2.6s		AML	AML		
CAFI	comp=E,2935µm,2.7s		AML	AML		
CAFI	comp=E,2955µm,2.7s		AML	AML		
BRIS	BRISIGHELLA	1.12 276	AML	AML		
BRIS	comp=E,2595µm,0.5s		AML	AML		
RUFI	Rufina	1.14 260	P	Pb	22 26 24.2	-0.3
GUMA	Gualdo di Mace	1.17 147	AML	AML		
GUMA	comp=N,9780µm,3.1s		AML	AML		
GUMA	comp=N,7815µm,1.5s		AML	AML		
GUMA	comp=E,11050µm,1.6s		AML	AML		
OFFI	Offida	1.20 158	AML	AML		
OFFI	comp=E,6255µm,1.3s		AML	AML		
OFFI	comp=N,7575µm,0.7s		AML	AML		
NRCA	Norcia	1.22 178	P	Pn	22 26 24.7	-0.9
NRCA	comp=E,2950µm,1.5s		AML	AML		
NRCA	comp=N,2300µm,0.7s		AML	AML		
NRCA	comp=N,2150µm,3.2s		AML	AML		
NRCA	comp=E,2895µm,1.5s		AML	AML		
SEI	Scarperia	1.23 271	AML	AML		
SEI	comp=E,2185µm,2.5s		AML	AML		
FIU	Minerbio Fiu	1.27 298	AML	AML		
FIU	comp=N,4015µm,1.4s		AML	AML		
FIU	comp=N,3390µm,0.6s		AML	AML		
MOMA	Monte Martano	1.29 196	P	Pn	22 26 26.1	-0.6
MOMA	comp=N,1755µm,1.5s		AML	AML		
MOMA	comp=E,2415µm,0.8s		AML	AML		
MOMA	comp=E,2435µm,0.8s		AML	AML		
MOMA	comp=N,1830µm,3.2s		AML	AML		
MGAB	Montegabbione	1.33 212	P	Pn	22 26 27.1	-0.1
MGAB	comp=N,4120µm,0.5s		AML	AML		
MGAB	comp=N,3660µm,0.4s		AML	AML		
MGAB	comp=E,3860µm,2.8s		AML	AML		
MGAB	comp=E,4110µm,2.9s		AML	AML		
NVLJ	Novajla	1.40 68	i Pn	Pn	22 26 28.1	+0.1
NVLJ			Sn	Sg	22 26 47.8	-0.3
FNVD	Fontana Viola	1.40 276	AML	AML		
FNVD	comp=E,1325µm,1.3s		AML	AML		
FNVD	comp=N,1440µm,1.2s		AML	AML		
OSSC	Osservatorio P	1.42 249	AML	AML		
OSSC	comp=N,942µm,2.7s		AML	AML		
OSSC	comp=E,908µm,3.1s		AML	AML		
SMA1	SAN MARTINO	1.43 172	P	Pn	22 26 29.1	+0.5
SMA1	comp=N,2460µm,3.2s		AML	AML		
SMA1	comp=E,2460µm,0.7s		AML	AML		
DUGI	Dugi Otok	1.44 92	i Pn	Pn	22 26 28.6	-0.1
DUGI			Sn	Sb	22 26 48.5	+0.7
LNSS	Leonessa	1.45 181	AML	AML		
LNSS	comp=N,2890µm,0.5s		AML	AML		
LNSS	comp=E,2550µm,1.2s		AML	AML		
SACS	San Casciano d	1.46 215	P	Pb	22 26 29.9	-0.1
SACS	comp=E,1280µm,0.9s		AML	AML		
SACS	comp=N,1785µm,3.1s		AML	AML		
SACS	comp=N,1785µm,3.1s		AML	AML		
SACS	comp=E,1255µm,0.9s		AML	AML		
CESX	Cesi	1.48 194	AML	AML		
CESX	comp=E,2140µm,2.8s		AML	AML		
CESX	comp=N,2890µm,0.4s		AML	AML		
TERO	Teramo	1.48 164	↑ P	Pn	22 26 29.5	+0.3
TERO	comp=N,553µm,2.5s		AML	AML		
TERO	comp=E,586µm,1.4s		AML	AML		
ARRO	Arrone	1.48 188	AML	AML		
ARRO	comp=N,1212µm,1.3s		AML	AML		
ARRO	comp=E,1570µm,2.9s		AML	AML		
MTRC	Monte La Croce	1.49 270	P	Pb	22 26 30.8	+0.4
CRMI	Carmignano	1.53 261	↑ P	Pb	22 26 31.1	0.0
CRMI	comp=E,200µm,1.3s		AML	AML		
CRMI	comp=N,237µm,0.7s		AML	AML		
CAMP	Campotosto	1.54 170	AML	AML		
CAMP	comp=E,1220µm,2.8s		AML	AML		
CAMP	comp=N,1660µm,1.3s		AML	AML		
FROS	Frosini	1.62 239	P	Pb	22 26 32.0	-0.6
FROS	comp=N,1081µm,0.8s		AML	AML		
FROS	comp=E,1012µm,0.6s		AML	AML		
MCIV	Monte Civitelli	1.62 219	AML	AML		
MCIV	comp=N,332µm,2.7s		AML	AML		
MCIV	comp=E,407µm,2.9s		AML	AML		
RIY	Rijeka	1.63 38	i Pn	Pn	22 26 31.7	+0.5
RIY			i Pn	Pn	22 26 32.0	+0.8
RIY			Sn	Sg	22 26 54.7	-0.8
SKDS	Skadanscna	1.64 24	i Pn	Pn	22 26 31.5	0.0
SKDS			eSn	Pn	22 26 53.5	-0.2
POPMP	Popiglio	1.66 271	AML	AML		
POPMP	comp=E,562µm,2.9s		AML	AML		
AQU	L'Aquila	1.71 171	ePn	Pn	22 26 32.9	+0.5
TRI	Trieste	1.73 17	P	Pn	22 26 32.6	0.0
VCEL	Villa Celiera	1.75 161	AML	AML		
VCEL	comp=N,1580µm,2.7s		AML	AML		

30d 1h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Alice Springs, Alice Springs, Alice Springs, WBO, WBO, WRA, WRA, FORT, FORT, MORW, MORW, CASY, CASY, QSPA, QSPA, HFS, HFS, AKASG, AKASG, AKASG, AKASG.

NEIC 30 01:20:54.1±1.3, 9.36S; 0:07:119.98E; 0:04, h72km, 5km, mb4.5/28, Error ellipse: s-maj=10.1km s-min=5.4km

IDC 30 01:20:55.2, 9.90S; 120:01E, h69km, 25km, mb4.1/21, mbmp4.4/23, MS3.2/11, Error ellipse: s-maj=21.0km s-min=10.9km az=73.0

DJA 30 01:20:56.6, 0.2, 9°S; 2°12'0E, h81km, 2km, M4.8/19, mb4.8/19, mB5.5/7, MLV4.7/9, Mw(m)B5.0/7

ISC 30 01:20:55.6-0.7, 9.29S; 0:04:120.05E; 0:03, h76km, 6km, n126, ±167/133, mb4.3/29, 1D, Sumba region

Main table for 30d 1h section, listing station codes (WBSI, BASI, EDPI, etc.), station names, coordinates, and seismic data.

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Main table for 2014 APR section, listing station codes (CMAR, CHTO, KSRS, etc.), station names, coordinates, and seismic data.

2008

Table for JMA 30 01:28:33.4, 37:07N-140:64E, h14km, 1km, M2.6, Eastern Honshu. Includes station codes like JFFD, JFFD, ONAJ, etc.

Table for NNC 30 01:35:37.9-6.7, 36:87N-70:56E, h0km, mb3.6, mpv3.3, 2C-1D, Error ellipse: s-maj=56.5km s-min=44.4km. Includes station codes like KK31, KK31, AAK, etc.

IDC 30 01:49:11.7±1.3, 7.24S; 155:49E, h0km, mb4.0/7, mbmp4.0/7, Error ellipse: s-maj=58.6km s-min=23.0km az=127.0

NEIC 30 01:49:14.2±1.3, 7.4S; 0:1:155.4E; 0:2, h14km, 8km, mb4.1/5, Error ellipse: s-maj=28.5km s-min=16.6km az=112.0

ISC 30 01:49:16.2±1.0, 7.3S; 0:1:155.4E; 0:2, h29km, n17, ±0:74/17, mb3.9/10, Bougainville-Solomon Islands

Main table for 2008 section, listing station codes (RABL, WRO, WRO, etc.), station names, coordinates, and seismic data.

NIED 30 01:51:00, 42:80N, 148:20E, h11km, Mw4.0, Best double couple: M1, 270000, 1015, NP1, 30270, 00000, 858, 00000, 1, 71, 00000, NP2, 56, 00000, 837, 00000, 1, 17, 00000

IDC 30 01:51:01.8±0.6, 42:64N; 148:29E, h0km, mb4.0/21, mbmp4.0/26, ML3.5/4, MS3.3/6, Error ellipse: s-maj=17.5km s-min=13.1km az=158.0

JMA 30 01:51:06.3±0.2, 42:77N; 148:16E, h38km, M4.7, MOS 30 01:51:06.2±0.9, 42:72N; 148:20E, h36km, mb4.5/15, Error ellipse: s-maj=9.1km s-min=6.0km az=122.9

SKHL 30 01:51:06.8±0.4, 42:30N; 148:28E, h35km, 5km, mb4.8/8, NEIC 30 01:51:07.6±1.4, 42:64N; 148:09E, h48.4E; 0:1, h42km, 6km, mb4.6/23, Error ellipse: s-maj=13.6km s-min=11.0km az=141.0

ISC 30 01:51:06.3±0.7, 42:69N; 148:29E; 0:05, h28km, 4km, n185, ±194/219, mb4.4/40, MS3.4/7, 11C-2D, Off southeast coast of Hokkaido

Main table for 2008 section, listing station codes (NEM2, NEM2, NEM2, etc.), station names, coordinates, and seismic data.

30d 1h

Table with columns: Station, Frequency, Power, Polarity, Azimuth, Elevation, SNR, and other parameters. Includes stations like VBMS Vicksburg, T59A Double 'B' Far, X48A Hartzelle, etc.

2014 APR

Table with columns: Station, Frequency, Power, Polarity, Azimuth, Elevation, SNR, and other parameters. Includes stations like TX32 Lajitas Array, WMOK Wichita Mounta, WMOK Wichita Mounta, etc.

2010

Table with columns: Station, Frequency, Power, Polarity, Azimuth, Elevation, SNR, and other parameters. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, TCUT Toone Canyon, etc.

BJJ 30 01:59:09.0:0.0, 19:90Sx175:00W, h207km, mB4.8/5, mB4.7/9
IDC 30 01:59:12.1:2.8, 19:45Sx175:64W, h182km, 25km, mB4.0/14, mB4.6/17, Error ellipse: s-maj=16.9km s-min=14.0km az=138.0
NEIC 30 01:59:12.1:1.4, 19:23S:0:09:175:6W:0:1, h195km, 6km, mB4.7/35, Error ellipse: s-maj=14.5km s-min=12.7km az=128.0
ISC 30 01:59:15.2:0.4, 19:46S:0:07:175:53W:0:05, h223km, n103, r135/109, mB4.5/30, Topka Islands

Table with columns: THZ, Tophouse, Time, Az, Phase, Res, and various station codes like RPZ, LBZ, ARMA, etc.

Table with columns: CLL, BRTR, VYHS, KHC, GERES, etc., and various station codes like KIRO, D53A, D51A, etc.

Table with columns: E47A, H55A, JMA 30 02:21:52.0, etc., and various station codes like JWA, JWB, JWC, etc.

2013

PET		eS	S	03 58 32.8 +5.6
PET		pmax	pmax	
BFSC	comp=Z,100nm,15.0s baz=232	79.47	46 P	P 03 48 30.6 +1.9
MONP2	Mount Baldy Peak baz=233	79.48	47 P	P 03 48 31.0 +2.2
VES	Vestal, Richgr baz=234	79.54	44 P	P 03 48 31.2 +2.4
IKP	In-Ko-Pah, Jac baz=234	79.55	48 P	P 03 48 31.2 +2.2
YSS	Yuzh-Sakhalins	79.55	332 eP	P 03 48 30.5 +1.9
YSS		03 51	29.5	P 03 51 29.5
YSS				P 03 58 29.0 -0.1
YSS	comp=Z,30nm,1.3s			eS pmax S pmax
MAW	comp=Z,200nm,17.0s baz=90,SNR=11	79.56	199 P	P 03 48 28.1 -0.3
MAW	Mawson	79.56	199 P	P 03 48 29.4 +0.9
MAW	Mawson	79.56	199 P	P 03 48 28.6 +0.1
MAW	Mawson	79.56	199 P	P 03 48 29.4 +0.9
MAW	comp=Z,10nm,0.6s,baz=134,slow=6.8,SNR=26			LR LR 04 22 23.8
KMRM	comp=Z,588nm,19.8s,baz=95,slow=35	79.63	38 P	P 03 48 28.3 -1.1
KMRM	Mali Ridge			I Amb P 03 48 44.3
EDW2	comp=Z,40nm,0.9s Edwards Air Fo baz=232,SNR=10.0	79.64	45 P	P 03 48 31.0 +1.5
PETK	Petrovlovsk	79.71	344 P	P 03 48 29.0 -0.3
PETK	Petrovlovsk	79.71	344 P	P 03 48 28.1 -1.2
PETK	Petrovlovsk	79.71	344 P	P 03 48 29.0 -0.3
PETK	comp=Z,18nm,0.9s,baz=141,slow=8.0,SNR=11			LR LR 04 18 23.0
ISA	comp=Z,738nm,20.4s,baz=195,slow=32	79.82	44 P	P 03 48 29.1 -1.3
ISA	Isabella, Lake			pmax pmax
ISA	Isabella, Lake	79.82	44 P	P 03 48 32.1 +1.7
ISA	Isabella, Lake	79.82	44 P	P 03 48 29.1 -1.3
ISA	Isabella, Lake	79.82	44 P	P 03 48 35.1 -1.3
PFO	comp=Z,23nm,1.1s Pinyon Flats O	79.88	47 P	P 03 48 33.1 +2.2
PFO	Pinyon Flats O	79.88	47 P	P 03 48 33.1 +2.2
PFO	Pinyon Flats O	79.88	47 P	P 03 48 30.5 -0.4
PFO	Pinyon Flats O	79.88	47 P	P 03 48 33.1 +2.2
XPFO	comp=Z,3.8nm,0.8s,baz=355,slow=3.8,SNR=6.4			
Pion Flat	79.88	47 P	P 03 48 30.6 -0.4	
OZH	Quanzhou	79.93	303 eP	S 03 48 35.8 +4.7
OZH				S 03 58 37.3 +3.3
OZH	comp=Z,270nm,19.4s			LR LR
OZH	comp=Z,380nm,19.4s			LR LR
SWSC	comp=Z,520nm,20.4s Sam W. Stewart baz=234	79.93	48 P	P 03 48 33.2 +2.2
BBRO	Big Bear Solar baz=233	79.97	46 P	P 03 48 33.9 +2.4
O02D	Mt. Diablo Mer baz=228	80.12	38 P	P 03 48 34.7 +2.7
CMB	Columbia Colle	80.13	41 P	P 03 48 32.3 +0.3
CMB				pmax pmax
CMB	Columbia Colle	80.13	41 P	P 03 48 32.3 +0.3
LRMC	Laurel Mtn Rd	80.21	45 P	P 03 48 34.2 +1.6
RRX	Edison Barstow baz=233	80.29	45 P	P 03 48 35.2 +2.3
AFDM	Forest Hills D	80.37	40 P	P 03 48 32.8 -0.4
BELC	Belle Mtn. Jos	80.42	47 P	P 03 48 34.7 +0.9
ORV	Oroville	80.45	39 P	P 03 48 33.6 -0.1
ORV				pmax pmax
ORV	Oroville	80.45	39 P	P 03 48 33.6 -0.1
WDC	Whiskeytown Da	80.53	38 P	P 03 48 34.1 0.0
WDC				pmax pmax
WDC	Whiskeytown Da	80.53	38 P	P 03 48 34.0 0.0
CWC	Cottonwood Cre	80.55	44 P	P 03 48 36.8 +2.4
BC3	Big Chuckawall baz=234	80.58	47 P	P 03 48 37.3 +2.6
KSR5	Korea Array	80.60	318 P	P 03 48 34.5 0.0
KSR5	Korea Array	80.60	318 P	P 03 48 34.5 0.0
KSR5	comp=Z,0.6nm,0.3s,baz=127,slow=3.3,SNR=5.0			LR LR 04 18 39.3
GLA	comp=Z,508nm,21.5s,baz=132,slow=32	80.65	48 P	P 03 48 35.1 +0.1
GLA	Glamis			pmax pmax
GLA	Glamis	80.65	48 P	P 03 48 37.6 +2.7
GLA	Glamis	80.65	48 P	P 03 48 35.1 +0.1
MDPB	Devils Postpil	80.67	42 P	P 03 48 35.4 +0.2
MDPB				I Amb I Amb 03 48 39.5
GSC	Goldstone, Bar	80.67	45 P	P 03 48 36.7 +1.6
GSC	Goldstone, Bar	80.67	45 P	P 03 48 39.5
MPMC	Manual Prospe	80.69	44 P	P 03 48 37.1 +1.9
HEC	Hector,Ludlow baz=233,SNR=9.9	80.69	46 P	P 03 48 36.9 +1.7
OMMB	Old Mammoth M	80.70	42 I Amb	I Amb 03 48 40.0
N02D	Trinity Center baz=228	80.70	38 P	P 03 48 37.7 +2.6
CHGN	Chignik	80.76	10 P	P 03 48 34.2 -0.6
CHGN				I Amb I Amb 03 48 37.5
O03E	comp=Z,72nm,1.4s Paynes Creek baz=229	80.77	39 P	P 03 48 37.1 +1.6
MLAC	Mammoth, Mam	80.82	42 P	P 03 48 38.0 +2.1
M02C	Callahan	80.90	37 P	P 03 48 38.8 +2.7
WAKR	Walker	81.00	41 P	P 03 48 36.9 0.0
WAKR				I Amb I Amb 03 48 41.6
IRM	Iron Mountain baz=234	81.08	47 P	P 03 48 39.7 +2.5
GMRC	Granite Mounta baz=234,SNR=8.4	81.11	46 P	P 03 48 39.4 +1.9
YBH	Yreka Blue Hor	81.21	37 P	P 03 48 40.1 +2.3
YBH	Yreka Blue Hor	81.21	37 P	P 03 48 40.1 +2.3
Y12C	Blythe	81.27	48 P	P 03 48 40.4 +2.3
PNTR	Pine Nut	81.28	41 P	P 03 48 37.2 -1.1
BEKR	Beckworth	81.32	40 P	P 03 48 36.5 -2.1
TURC	Turquoise Moun	81.33	45 P	P 03 48 40.7 +2.1
FUC	Furnace Creek, baz=233	81.34	44 P	P 03 48 40.6 +2.1
GRAC	Grapevine Rang baz=232,SNR=11	81.34	43 P	P 03 48 40.4 +2.0
K02D	Williamette Mer baz=227	81.34	36 P	P 03 48 40.4 +2.0
SHOC	Shoshone, Tec	81.37	45 P	P 03 48 40.9 +2.2
214A	Organ Pipe Nat	81.42	50 P	P 03 48 41.1 +2.0
YERR	Yerington	81.42	41 P	P 03 48 39.5 +0.4
YERR				I Amb I Amb 03 48 43.5
J01E	Myrtle Point baz=227	81.52	35 P	P 03 48 41.4 +2.1
RYN	Ryan	81.63	42 I Amb	I Amb 03 48 44.8
NVAR	Mina Array	81.64	42 P	P 03 48 38.9 -1.4
NVAR	Mina Array	81.64	42 P	P 03 48 42.8 +2.4
NVAR	comp=Z,4.7nm,0.7s,baz=225,slow=8.9,SNR=33			LR LR 04 20 27.1

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HUMO	comp=Z,4.7nm,0.7s Hull Mountain	81.66	36 P	P 03 48 38.1 -2.0
M04C	Macdoel	81.73	38 P	P 03 48 42.9 +2.3
NV11	Minor Array Sit baz=229	81.74	42 I Amb	I Amb 03 48 45.1
L04D	Klamath Falls baz=228	81.76	37 P	P 03 48 42.9 +2.1
NEE2	Needles Airpor	81.79	47 P	P 03 48 43.0 +2.0
PAHR	Pah Rah Range comp=Z,37nm,1.7s	81.80	40 I Amb	I Amb 03 48 45.5
PDMC1	Parker Dam,Lak	81.84	47 P	P 03 48 43.3 +2.2
TPNV	Topopah Spring baz=233,SNR=5.6	82.02	44 P	P 03 48 44.0 +1.7
TPNV	Topopah Spring comp=Z,37nm,1.6s	82.02	44 I Amb	I Amb 03 48 47.0
MSHR	Myrs Shults	82.04	323 I P	P 03 48 43.6 +1.6
MYKOM	Kota Tinggi	82.09	275 P	P 03 48 43.0 0.0
I03D	Drain, OR	82.19	35 P	P 03 48 45.2 +2.5
I02D	Swisshome baz=227	82.21	35 P	P 03 48 45.5 +2.7
K04D	Chiloquin, OR baz=229	82.33	37 P	P 03 48 45.9 +2.1
Y14A	Wickenburg comp=Z,15nm,1.0s	82.41	48 I Amb	I Amb 03 48 48.9
H03S2	Juan Fernandez baz=245,slow=74,SNR=374	82.46	123 T	T 05 20 18.3
SHPR	Sheep Range	82.46	45 I Amb	I Amb 03 48 49.5
H03S1	Juan Fernandez comp=Z,40nm,1.8s	82.47	123 T	T 05 20 19.4
H03S3	Juan Fernandez baz=245,slow=74,SNR=400	82.47	123 T	T 05 20 18.2
H03N2	Juan Fernandez baz=245,slow=74,SNR=592	82.61	123 T	T 05 20 30.6
H03N3	Juan Fernandez baz=250,slow=72,SNR=310	82.61	123 T	T 05 20 30.7
H03N1	Juan Fernandez baz=250,slow=72,SNR=388	82.62	123 T	T 05 20 30.5
TYV	Tymovskoe	82.66	335 eP	P 03 48 45.4 +0.3
TYV				pmax pmax
MOD	comp=Z,12nm,1.2s Mood Plateau comp=Z,32nm,1.5s	82.67	38 I Amb	I Amb 03 48 49.7
USA0B	Ussuriysk Arra USA0B	82.68	325 P	P 03 48 43.1 -2.2
USA0B	Ussuriysk Arra USA0B	82.68	325 P	P 03 48 43.1 -2.2
USA0B	Ussuriysk Arra USA0B	82.68	325 P	P 03 48 43.1 -2.2
USA0B	Ussuriysk Arra USA0B	82.68	325 P	P 03 48 43.1 -2.2
USRK	Ussuriysk Ar.	82.68	325 P	P 03 48 46.3 +1.0
USRK	Ussuriysk Ar.	82.68	325 P	P 03 48 44.1 -1.3
USRK	Ussuriysk Ar.	82.68	325 P	P 03 48 46.3 +1.0
USRK	comp=Z,4.9nm,0.8s,baz=108,slow=4.3,SNR=12			LR LR 04 19 58.1
I04A	comp=Z,308nm,20.5s,baz=126,slow=32	82.76	36 P	P 03 48 48.4 +2.6
K05A	Summer Lake comp=Z,30nm,1.0s	82.88	37 I Amb	I Amb 03 49 04.1
TUC	Tucson	83.05	50 P	pmax pmax 03 48 46.8 -0.8
TUC	Tucson	83.05	50 P	P 03 48 50.1 +2.5
TUC	Tucson	83.05	50 P	P 03 48 46.8 -0.8
TUC	Tucson	83.05	50 P	P 03 48 52.7
J05D	Fort ROCK, OR baz=229,SNR=12	83.06	37 P	P 03 48 49.3 +1.7
H04D	Lebanon baz=228	83.08	35 P	P 03 48 49.9 +2.5
KDAK	Kodiak Island	83.18	12 P	P 03 48 47.6 0.0
KDAK	Kodiak Island	83.18	12 P	P 03 48 46.0 -1.6
KDAK	Kodiak Island	83.18	12 P	P 03 48 47.6 0.0
R11A	Troy Canyon, C baz=229,SNR=0.5	83.28	43 P	P 03 48 50.7 +1.8
NJ2	Nanjing	83.51	309 eP	pmax pmax 03 48 51.5 +1.6
NJ2				pmax pmax
PINE	Pine Mountain comp=Z,49nm,1.8s	83.55	36 I Amb	I Amb 03 48 54.7
I05D	Terrebonne, OR baz=229,SNR=5.5	83.70	36 P	P 03 48 52.3 +1.6
X16A	Lo Mia Camp, P comp=Z,22nm,1.1s	83.75	48 I Amb	I Amb 03 48 56.5
WVOR	Wild Horse Val comp=Z,30nm,1.3s	83.97	39 I Amb	I Amb 03 49 03.9
F04D	Rainier, OR baz=227	83.99	34 P	P 03 48 54.4 +2.4
LCMT	Little Creek M	84.00	45 P	P 03 48 50.6 -1.9
HPIG	Huangpi	84.05	57 I Amb	I Amb 03 48 57.3
QIZ	Qiongzong	84.13	294 P	S 03 48 53.8 +0.4
QIZ				S 03 59 15.5 -2.1
QIZ				LR LR
QIZ	comp=Z,190nm,21.6s			LR LR
QIZ	comp=Z,200nm,26.5s			LR LR
QIZ	comp=Z,360nm,28.4s			LR LR
MDJ	Mudanjiang	84.24	324 P	pwpP 03 48 54.5 +1.2
MDJ				sP 03 49 04.0 +0.4
MDJ				sP 03 49 09.8 +9.3
MDJ				SS 03 52 10.5 +2.2
MDJ				SS 03 59 19.3 +1.8
MDJ				SS 04 04 49.0 +1.2
MDJ				pmax pmax
MDJ	comp=Z,13nm,1.0s			pmax pmax
MDJ	comp=Z,240nm,4.8s			LR LR
MDJ	comp=Z,230nm,23.5s			LR LR
MDJ	comp=Z,550nm,21.4s			LR LR
SYO	Syowa Base	84.34	192 eP	P 03 48 51.4 -2.2
SYO	Syowa Base	84.34	192 I/pP	P 03 48 54.2 +0.6
WUAZ	Wupakiti baz=236	84.40	48 P	P 03 48 56.8 +2.2
NLWA	Neilton Lookou comp=Z,20nm,1.1s	84.46	32 I Amb	I Amb 03 49 11.2
E04D	Cinebar baz=228,SNR=6.7	84.54	34 P	P 03 48 57.1 +2.3
J08A	Circle Bar Ran comp=Z,17nm,1.1s	84.64	38 I Amb	I Amb 03 49 12.0
G06A	Carlson Farm,	84.67	35 P	P 03 48 51.6 -3.9
G06A				I Amb I Amb 03 48 59.7
X18A	Snowflake	84.84	49 P	P 03 48 53.2 -3.7
X18A				I Amb I Amb 03 49 02.0
ELK	comp=Z,22nm,1.1s	84.93	41 P	P 03 48 58.7 +1.4
ELK	Elko	84.93	41 I Amb	I Amb 03 49 13.5
ELK	Elko	84.93	41 P	P 03 48 58.7 +1.4
ELK	comp=Z,4.5nm,0.9s,baz=260,slow=5.2,SNR=15			LR LR 03 48 59.2 +2.4
D03D	Eldon baz=227	84.94	33 P	P 03 48 59.2 +2.4
SNA4				

2015

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like RUE Redersdorf, KWP Kalwaria Pacia, VASR Yasui, etc.

2014 APR

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like CJR Cluj-Napoca, CJR Cluj-Napoca, CJR SECR, etc.

30d 4h

Table with columns: Code, Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like H11S3 WAKE ISLAND HY 2123, H11S1 WAKE ISLAND HY 2133, etc.

30d 4h

2014 APR

2016

Table with columns for station name, frequency, power, and various signal quality metrics. Includes stations like CHOS Chios island, SKY Skiros Island, KYMI Kymi, etc.

2017

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MLR, STON, CFR, CSS, etc.

2014 APR

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like OKC, VRAC, CTI, MORC, etc.

30d 4h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TBLG, CLL, CLL, etc.

30d 4h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like NORARS Array S, Haverah Park, Long Mynd, etc.

2014 APR

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like ARU, ARTI, DAMY, etc.

2018

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like KOLDANDA, DAMAN, PHULCHOKI, etc.

Table with columns: ILAR, Station Name, Time, Res, Phase ID, etc. Includes stations like Eielson Array, Nenana, Lac du Bonnet, Bear Paw Mtn, etc.

KEA 30 04:27:13.4,0.0,40.65N,122.38E,h0km,ML3.2/5, Northeastern China

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like SUJ, PYS, PYAG, KGE, HJU, etc.

IDC 30 04:35:21.4,6.5,18.10S,177.54W,h0km,mb4.1/2, mbtM4.1/2, Error ellipse: s-maj=326.1km s-min=51.6km az=147.0, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like WRA, ASAR, GERES, etc.

IDC 30 04:36:50.9,135.0,20.48N,144.46E,h0km, Error ellipse: s-maj=266.9km s-min=23.2km az=101.0, Mariana Islands

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like H11S3, H11S1, H11S2, etc.

THE 30 04:45:55.7,38.11N,20.32E,h4km,ML2.6/3, Error ellipse: s-maj=1.2km s-min=0.6km az=70.0

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like CHV1, KEF1, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like H03S3, H03N2, H03N3, H03N1, etc.

NCC 30 05:04:47.0,4.3,54.22N,86.67E,h0km,mb3.6,mpv3.3, 70C-20, Error ellipse: s-maj=43.7km s-min=28.9km az=156.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like KURK, KURRB, MK31, etc.

NEIC 30 05:16:22.6,2.4,19.97S,104.70W,0.06,h10km,1km, mb4.2/7,ML4.1(GUC), Error ellipse: s-maj=10.1km s-min=6.6km az=286.0

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like TA02, PSGC, PSGX, etc.

VAO 30 05:16:23.5,0.5,19.97S,71.42W,h39km,mb4.4, GUC 30 05:16:23.1,0.8,19.91S,71.05W,h47km,2km,ML4.2, IDC 30 05:16:26.8,1.0,19.71S,70.55W,h28km,5km,mb3.9, mbtM4.1/7,ML4.1/1,MS3.5/4, Error ellipse: s-maj=28.8km s-min=20.2km az=72.0

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like GO01, GO02, GO03, etc.

ISC 30 05:20:23.5,0.9,19.94S,103.70W,0.05,h17km,5km, n94.4,19.94/101,mb4.1/5,SC-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like GO01, GO02, GO03, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like SBL5, SBL6, SBL7, etc.

ISC 30 04:17:48.8,140.0,20.48N,144.48E,h0km, Error ellipse: s-maj=276.8km s-min=23.9km az=102.0, Mariana Islands

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like H11S3, H11S1, H11S2, etc.

SNET 30 04:17:59.7,1.2,13.21N,89.96W,h15km,7km,ML2.8, GCG 30 04:18:00.0,0.3,13.22N,89.96W,h24km,3km,MD3.7, ISC 30 04:17:56.0,0.3,13.00N,01.9004W,0.06,h29km,n11, f108/15, Near coast of Guatemala

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like SBL5, SBL6, SBL7, etc.

IDC 30 04:20:15.6,4.0,7.16N,123.80E,h615km,63km,mb2.9/7, mbtM4.0/7, Error ellipse: s-maj=62.1km s-min=16.0km az=74.0

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like WRA, ASAR, USRK, etc.

ISC 30 04:20:14.6,1.0,7.2N,0.2,123.8E,0.4,h600km,n8, f056/8,mb3.5/7, Mindanao

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like WRA, ASAR, USRK, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, etc. Includes stations like PB15, PB10, LPAZ, etc.

30d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like PTGB Pitanga, PCMB Pacaembu, ARAG Araguaiana, etc.

BJI 30 05:21:12.7±0.0, 32.845±178.54W, h9km, mB5.5/16, mB5.3/21, Ms4.9/6, Ms7.6/3

WEL 30 05:21:17.2±0.4, 33.3°S, 17°8'W, h33km, M5.3/36, mB5.7/30, ML6.0/31, MLV5.7/36, Mw(mB)5.2/30

MOS 30 05:21:19.6±0.9, 32.81°S, 179.01°W, h43km, mB5.4/13, Error ellipse: s-maj=12.0km, s-min=9.9km, az=103.5

GMCT 30 05:21:21.7±0.2, 32.90°S, 02°18.71'W, h48km, MW5.1/91, Moment tensor: Scale 10^19Nm, Mr4.6±18, Mw-0.2±14, Mw-4.4±12, Mw-0.1±10, Mw-1.9±11

ISC 30 05:21:23.1±2.0, 32.69°S, 179.01°W, h62km, mB4.5/20, mbmp4.8/20, MS4.3/19, Error ellipse: s-maj=12.4km, s-min=11.4km, az=151.0

ISC 30 05:21:25.0±0.2, 32.95°S, 03°17.89'W, h04, h45km, mB2.0±180/530, mB3.6/66, MS4.4/23, 8C-11D, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GLKZ Green Lake, RAO Raoul Island, RIZ Raoul Island, etc.

2015 APR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MCHZ McNeill Hill, HIZ Hauri, HZH Hauri, etc.

2015 APR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like STKA comp=2.1, 8nm, 0.4s, PMOR Pomarioro, VAH Vaihoo, etc.

Table with columns: Name, Time, Date, Location, Status, and other details. Includes entries like SPMM Sapulut, LEM Lembang, KKM Kota Kinabalu, etc.

Table with columns: Name, Time, Date, Location, Status, and other details. Includes entries like NVAR Mina Array Bea, K02D Willamet Mer, TPNV Topopah Spring, etc.

Table with columns: Name, Time, Date, Location, Status, and other details. Includes entries like WMQ Urumqi, BOSA Boshof, G55A Buckhannon, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KONS, MORB, KBZ, STOK, MOS, KIV, NEY, LPSR, OBN, VSR, VORD, FINES, TBL, ASF, ASL, DMB, AKN, EIL, NB2, NOA, FOO, MMTAI, MINSK, NCG62, HYA, NACGM, SUE, SKAR, SIM, OSK, ASK, BER, KONO, KONG, ODDI, AKASG, LIC, KIC, BRTR, TIC, DBIC, DBIC, DBIC, BLS5, KMY, SNART, BSD, BURAR, KOLS, KOLS, UZH, VYH, VYH, CLL, CLL, BRG, BRG, TOAO, TORD, TORD, TORD, TORD, KHC, KHC, GERES, GERES, GERES, GERES, GERES, GROS, CRNS, DAVOX, DAVOX, FUORN, ESDC.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESDC, ESDC, ESDC, KEST, MEX, THIG, THIG, THIG, PCIG, STG3, CCIG, CCIG, FUG, FUG, FUG, IXG, IXG, CMIG, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, H03N2, H03N3, H03N1, GCMT, CDVI, MNMC, CUIV, STPI, PB11, GO01, GO01, PB08, PB08, PB01, CMIG, SIV, SIV, PB07, PB09, LVC, LVC, LVC, CLDB, PB15, SALV, AQDB, ARC, SMTS, ZAIG, CPUP, HODGE, BDFB, ITRB, RCM1, RCM2, KM3, BG3, IPMB, CPCT, PTGB, WLA, WLA, BB19, T57A, WVT, ITQB, FRTB, NBPS, WHAR, WHAR, LCAR, HPIG, W39A, FCAR, FCAR, TXAR, TXAR, TX32, NBMO, VAO, UHAR, UHAR, TUL1, TUL1, RUSC, RUSC, RUSC, RUSC, SDV, SDV, SDV, SDV, SDV.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SDV, JTS, NNA, NNA, NNA, MATN, TGUH, MTJD, SAML, SAML, PTGA, PTGA, PTGA, PTGA, APG, SDDR, SDDR, LPAZ, LPAZ, LPAZ, LPB12, LPB12, LPB16, SJG, SJG, CCIG, CCIG, HUMP, HUMP, GCPR, GCPR, CBYP, CBYP, MTP, MTP, CDVI, MNMC, CUIV, STPI, PB11, GO01, GO01, PB08, PB08, PB01, CMIG, SIV, SIV, PB07, PB09, LVC, LVC, LVC, CLDB, PB15, SALV, AQDB, ARC, SMTS, ZAIG, CPUP, HODGE, BDFB, ITRB, RCM1, RCM2, KM3, BG3, IPMB, CPCT, PTGB, WLA, WLA, BB19, T57A, WVT, ITQB, FRTB, NBPS, WHAR, WHAR, LCAR, HPIG, W39A, FCAR, FCAR, TXAR, TXAR, TX32, NBMO, VAO, UHAR, UHAR, TUL1, TUL1, RUSC, RUSC, RUSC, RUSC, SDV, SDV, SDV, SDV, SDV.

30d 6h

2014 APR

2026

Table with columns for station name, frequency, power, and signal quality. Includes stations like AB31 Akbulak array, CHTO Chiang Mai, SSE Sheshan, CM31 Chiang Mai Arr, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like YAK comp=Z,55nm,1.0s, YAK comp=N,8.0nm,1.0s, YAK comp=E,15nm,1.1s, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like KLMR comp=Z,238nm,1.0s, KLMR comp=Z,437nm,11.0s, KIV Kislovodsk, etc.

2027

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like AREO, GAZ, FIA1, FINES, etc.

2014 APR

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like NIE, GZR, HERR, NORSAR, etc.

30d 6h

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like GOET, PRU, PRU, PRU, etc.

30d 6h

2014 APR

2028

Table with columns for station ID, name, frequency, and other details. Includes stations like SJI Sorong, UBBA Unterbreizbach, ABTA Abfallbach, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like IL31, ILAR, ILAR, ILAR, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like WRO Warramunga Arr, PNCL Nicolaou / Gran, ASAR Alice Springs, etc.

2029

LKWY	comp=Z,26nm,1.0s	I	Amb	I	Amb	06 34 03.0
H17A	Grant Village baz=342,SNR=11	90.18	17	P	P	06 33 58.3 +1.6
H17A	Grant Village	90.18	17	P	P	06 33 57.8 +1.1
H17A	Grant Village			I	Amb	06 34 03.9
YPP	comp=Z,22nm,1.2s	90.25	18	P	P	06 33 57.7 +0.6
D47A	Chapleau	90.26	358	P	P	06 33 56.1 -0.5
E58A	La Victoria	90.28	351	P	P	06 33 56.4 -0.4
E56A	St. Veronique	90.29	353	P	P	06 33 56.0 -0.8
F61A	St Evariste	90.40	350	P	P	06 33 57.2 -0.1
WDC	Whiskeytown Da	90.40	27	I	Amb	06 34 03.4
D46A	Sault St. Mari	90.44	359	P	P	06 33 56.8 -0.8
FLWY	Flagg Ranch	90.45	18	P	P	06 33 58.5 +0.6
FLWY	Flagg Ranch			I	Amb	06 34 04.5
IMW	comp=Z,24nm,1.0s	90.58	18	P	P	06 33 58.5 0.0
IMW	Indian Meadow			I	Amb	06 34 05.0
E54A	comp=Z,26nm,1.1s	90.58	354	P	P	06 33 57.7 -0.5
E38A	The Farm, Brul	90.60	4	I	Amb	06 34 02.8
E51A	G1948 Merrick	90.64	356	P	P	06 33 57.2 -1.2
G65A	Princeton	90.65	347	P	P	06 33 58.0 -0.5
O02D	Mt. Diablo Mer	90.68	27	P	P	06 33 59.6 +0.8
G64A	Maxfield	90.79	348	P	P	06 33 59.0 -0.1
FXWY	Fox Creek	90.80	18	P	P	06 33 59.9 +0.3
FXWY	Fox Creek			I	Amb	06 34 05.9
E48A	comp=Z,26nm,1.1s	90.81	357	P	P	06 33 58.4 -0.9
TPAW	Teton Pass	90.96	18	P	P	06 34 00.6 +0.3
TPAW	Teton Pass			I	Amb	06 34 06.7
F33A	0 Mile Ranch,	91.02	7	I	Amb	06 34 05.2
SNOW	Snow King Moun	91.03	18	P	P	06 34 01.2 +0.5
SNOW	Snow King Moun			I	Amb	06 34 02.6
REDW	Red Top Meadow	91.10	18	P	P	06 34 01.6 +0.6
REDW	Red Top Meadow			I	Amb	06 34 07.1
ALGO	Algonquin Park	91.12	355	P	P	06 34 00.3 -0.4
G61A	SH-isidore-de-	91.15	350	P	P	06 34 00.3 -0.5
F36A	Milaca	91.22	5	P	P	06 33 59.8 -1.3
F36A	Milaca			I	Amb	06 34 05.8
H63A	New Sharon	91.56	349	P	P	06 34 02.6 -0.1
F45A	CMU Biological	91.66	360	P	P	06 34 03.6 +0.4
ORV	Oroville	91.67	27	P	P	06 34 02.8 -0.6
ORV	Oroville			pmax	pmax	
ORV	Oroville	91.67	27	P	P	06 34 02.8 -0.6
RSSD	Black Hills	91.71	13	P	P	06 34 04.0 +0.3
RSSD	Black Hills			pmax	pmax	
RSSD	Black Hills	91.71	13	P	P	06 34 03.7 -0.1
RSSD	Black Hills	91.71	13	P	P	06 34 04.0 +0.3
G57A	Newington	91.72	352	P	P	06 34 03.2 -0.2
GDXM	Geysers	91.90	28	I	Amb	06 34 07.6
SPMN	Marine on St.	91.90	5	P	P	06 34 04.1 -0.2
H61A	Lyndonville	91.94	350	P	P	06 34 03.9 -0.6
BW06	Boulders Array	91.96	17	P	P	06 34 04.1 -0.8
PDAR	Pinedale Array	91.96	17	P	P	06 34 03.6 -1.4
PDAR	Pinedale Array	91.96	17	P	P	06 34 04.4 -0.6
PDAR	comp=Z,2.3nm,0.7s,baz=26,slow=3.0,SNR=24			p	p	06 34 08.7 -0.9
G53A	Haliburton	91.99	355	P	P	06 34 04.0 -0.8
G40A	Rib Lake	91.99	3	I	Amb	06 34 05.3
G46A	Petoskey	92.03	359	P	P	06 34 04.1 -0.8
DBIC	Dimbokro	92.06	281	P	P	06 34 05.0 -0.5
DBIC	Dimbokro	92.06	281	P	P	06 34 05.0 -0.5
DBIC	Dimbokro			LR	LR	07 22 09.3
SUSD	Miller	92.12	9	P	P	06 34 04.8 -0.6
LONY	Lake Ozonia	92.15	352	P	P	06 34 05.2 -0.3
KIC	Kosan Boka	92.19	281	ePKP2	P	06 34 05.5 -0.7
TIC	Toumoudi	92.20	281	ePKP2	P	06 34 05.4 -0.8
G45A	Suttons Bay	92.31	360	P	P	06 34 05.9 -0.3
H58A	Gabriels	92.31	352	P	P	06 34 06.3 0.0
H56A	Elgin	92.34	353	P	P	06 34 06.3 0.0
AFDM	Forest Hills D	92.39	27	P	P	06 34 05.2 -1.6
AFDM	Forest Hills D			I	Amb	06 34 12.9
LBTB	Lobatsse	92.47	238	P	P	06 34 07.4 +0.2
LBTB	Lobatsse			pmax	pmax	
LBTB	Lobatsse	92.47	238	P	P	06 34 07.4 +0.2
LIC	Lamto	92.49	281	ePKP2	P	06 34 06.7 -0.8
HWUT	Hardware Ranch	92.60	19	I	Amb	06 34 09.7
K22A	Casper	92.69	15	P	P	06 34 08.0 -0.3
K22A	Casper	92.69	15	I	Amb	06 34 12.6
PNTR	Pine Nut	92.71	26	P	P	06 34 08.4 -0.1
PNTR	Pine Nut			I	Amb	06 34 10.6
I60A	Shoreham	92.78	351	P	P	06 34 09.0 +0.6
YERR	Yerington	92.92	25	P	P	06 34 08.8 -0.6
ECSD	EROS Data Cent	93.07	8	P	P	06 34 09.8 0.0
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
TCUT	Toone Canyon	93.10	19	P	P	06 34 10.9 +0.7
KVN	Kaiserville	93.21	25	P	P	06 34 10.7 0.0
KVN	Kaiserville	93.21	25	P	P	06 34 10.7 0.0
J59A	Piesco	93.29	352	P	P	06 34 10.4 -0.4
J59A	Piesco	93.29	352	P	P	06 34 11.1 +0.3
J59A	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
J59A	Columbia Colle			pmax	pmax	
CMB	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.47	25	P	P	06 34 12.6 +0.7
J57A	Williamstown	93.49	353	P	P	06 34 11.6 -0.1
DUG	Dugway, Tooele	93.63	20	P	P	06 34 12.5 0.0
DUG	Dugway, Tooele	93.63	20	I	Amb	06 34 18.6
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.8 +0.7
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.9 +0.8
ECSD	EROS Data Cent	93.72	8	P	P	06 34 09.8 0.0
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
KVN	Kaiserville	93.21	25	P	P	06 34 10.7 0.0
J59A	Piesco	93.29	352	P	P	06 34 10.4 -0.4
J59A	Piesco	93.41	27	P	P	06 34 11.1 +0.3
J59A	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.47	25	P	P	06 34 12.6 +0.7
J57A	Williamstown	93.49	353	P	P	06 34 11.6 -0.1
DUG	Dugway, Tooele	93.63	20	P	P	06 34 12.5 0.0
DUG	Dugway, Tooele	93.63	20	I	Amb	06 34 18.6
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.8 +0.7
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.9 +0.8
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
KVN	Kaiserville	93.21	25	P	P	06 34 10.7 0.0
J59A	Piesco	93.29	352	P	P	06 34 10.4 -0.4
J59A	Piesco	93.41	27	P	P	06 34 11.1 +0.3
J59A	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.47	25	P	P	06 34 12.6 +0.7
J57A	Williamstown	93.49	353	P	P	06 34 11.6 -0.1
DUG	Dugway, Tooele	93.63	20	P	P	06 34 12.5 0.0
DUG	Dugway, Tooele	93.63	20	I	Amb	06 34 18.6
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.8 +0.7
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.9 +0.8
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
KVN	Kaiserville	93.21	25	P	P	06 34 10.7 0.0
J59A	Piesco	93.29	352	P	P	06 34 10.4 -0.4
J59A	Piesco	93.41	27	P	P	06 34 11.1 +0.3
J59A	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.47	25	P	P	06 34 12.6 +0.7
J57A	Williamstown	93.49	353	P	P	06 34 11.6 -0.1
DUG	Dugway, Tooele	93.63	20	P	P	06 34 12.5 0.0
DUG	Dugway, Tooele	93.63	20	I	Amb	06 34 18.6
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.8 +0.7
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.9 +0.8
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
KVN	Kaiserville	93.21	25	P	P	06 34 10.7 0.0
J59A	Piesco	93.29	352	P	P	06 34 10.4 -0.4
J59A	Piesco	93.41	27	P	P	06 34 11.1 +0.3
J59A	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.47	25	P	P	06 34 12.6 +0.7
J57A	Williamstown	93.49	353	P	P	06 34 11.6 -0.1
DUG	Dugway, Tooele	93.63	20	P	P	06 34 12.5 0.0
DUG	Dugway, Tooele	93.63	20	I	Amb	06 34 18.6
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.8 +0.7
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.9 +0.8
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
KVN	Kaiserville	93.21	25	P	P	06 34 10.7 0.0
J59A	Piesco	93.29	352	P	P	06 34 10.4 -0.4
J59A	Piesco	93.41	27	P	P	06 34 11.1 +0.3
J59A	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.47	25	P	P	06 34 12.6 +0.7
J57A	Williamstown	93.49	353	P	P	06 34 11.6 -0.1
DUG	Dugway, Tooele	93.63	20	P	P	06 34 12.5 0.0
DUG	Dugway, Tooele	93.63	20	I	Amb	06 34 18.6
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.8 +0.7
NVAR	Mina Array Bea	93.72	25	P	P	06 34 13.9 +0.8
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
ECSD	EROS Data Cent	93.07	8	I	Amb	06 34 10.4
KVN	Kaiserville	93.21	25	P	P	06 34 10.7 0.0
J59A	Piesco	93.29	352	P	P	06 34 10.4 -0.4
J59A	Piesco	93.41	27	P	P	06 34 11.1 +0.3
J59A	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.41	27	P	P	06 34 11.8 +0.3
CMB	Columbia Colle	93.47	25	P	P	06 34 12.

30D 7h

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Artemida-Makis, TRIZ Trizonia, KALE Kalithea, etc.

NEIC 30 06:37:10.7-2.4.55:58N:137.08W:0.1, h18km, 7km, Error ellipse: s-maj=12.7km s-min=2.6km az=64.0

PGC 30 06:37:11.0-0.8.55:52N:137.80W:0.1, h10km, ML3.6/10, 228km Wsw of Sitka, Ak Off Coast Of Southeastern Alaska

AEIC 30 06:37:14.2-3.55:60N:0.03:137.9W:0.1, h25km, 1km, s-min=1, ML3.6(OT), Error ellipse: s-maj=13.6km

ISC 30 06:37:07.4-1.2.55:50N:0.06:138.07W:0.07, h10km, n76, -2521/107, Off coast of southeast Alaska

Main table of station data for 30D 7h, listing station names, coordinates, and operational status.

2014 APR

Summary table for 2014 APR with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC.

IDC 30 06:39:30.4-1.1.7.18S:154.14E, h0km, mb4.2/12, mbtmp4.1/13, ML3.7/1, MS3.3/2, Error ellipse: s-maj=35.6km s-min=2.0km az=126.0

NEIC 30 06:39:38.2-4.7.7.33S:0.10:154.42E:0.08, h35km, 1km, mb4.1/11, Error ellipse: s-maj=20.6km s-min=5.8km az=142.0

ISC 30 06:39:36.0-0.8.7.05S:108.1542E:0.1, h35km, n38, @176/38, mb4.1/16, Bougainville-Solomon Islands region

Main table of station data for 2014 APR, listing station names, coordinates, and operational status.

NET 30 06:57:39.5-1.4.13:17N:90.07W, h11km, 18km, ML2.9

GCG 30 06:57:39.5-0.4.13:09N:90.29W, h14km, 11km, MD3.9

ISC 30 06:57:39.0-3.6.13:0N:0.2:90.07W:0.07, h29km, n10, @059/14, Near coast of Guatemala

Table of station data for NET, GCG, and ISC events.

IDC 30 07:01:15.7-1.7.6:96S:153.99E, h0km, mb4.0/5, mbtmp4.0/5, MS3.1/2, Error ellipse: s-maj=76.4km

ISC 30 07:01:21.1-1.6.7.05S:0.03:154.0E:0.14, h35km, n8, @143/6, mb3.8/5, New Britain region

Main table of station data for IDC and ISC events.

2030

mb4.2/7, Error ellipse: s-maj=45.1km s-min=8.8km az=90.0

ISC 30 07:23:47.6-1.0.12:5N:0.1:125.78E:0.10, h32km, n23, @184/21, mb4.1/12, 1D, Samar

Main table of station data for 2030, listing station names, coordinates, and operational status.

TRN 30 07:25:36.6, 15:87N:59.77W, h69km, MD3.5, Leeward Islands

Table of station data for TRN event.

IDC 30 07:40:34.4-3.7.6:58S:153.39E, h0km, mb3.2/2, mbtmp3.3/2, MS2.7/1, Error ellipse: s-maj=161.5km s-min=52.9km az=125.0, New Britain region

Table of station data for IDC event.

IDC 30 07:46:57.5-2.6.23:08N:94.34E, h92km, 28km, mb3.6/10, mbtmp3.9/12, MS2.5/1, Error ellipse: s-maj=29.4km

NEIC 30 07:46:57.3-1.2.23:16N:0.09:94:35E:0.02, h89km, 10km, mb4.3/10, Error ellipse: s-maj=12.8km s-min=3.2km az=175.0

NDI 30 07:46:58.6-1.7.23:28N:94.23E, h33km, ML4.1, mb4.3(NEIC)

ISC 30 07:46:58.5-0.6.23:21N:0.06:94.25E:0.06, h105km, n56, @250/63, mb4.1/15, Myanmar-India border region

Main table of station data for IDC, NEIC, NDI, and ISC events.

2031

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GTK Tadong, LSA Lhasa, TAPN Taplejung, etc.

WEL 30 08:04:35.6±0.8, 33°5'12.179W, 1°4, h389km, 19km, M4.1/16, mB4.5/4, MLV4.3/16, Mw(mB)3.6/4, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, WNGZ Waionmatatini S, etc.

TAP 30 08:08:22.1, 25°25'N, 122°73'E, h191km, 1km, ML3.5, D JMC 30 08:08:23.7±0.4, 25°06'N, 122°72'E, h183km, 4km, M3.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, etc.

2014 APR

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, TIPB Shuangxi, NWF Wu-fen Shan, etc.

30d 8h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CHN4 baz=225, TPUB Ta-pu, etc.

IDC 30 08:10:16.2±5.1, 35°96'N, 71°30'E, h91km, 32km, mb3.4/6, mbmp3.8/12, MS3.0/1, Error ellipse: s-maj=55.5km

NNC 30 08:10:21.8±10.0, 36°89'N, 70°58'E, h0km, mb4.2, mpv4.1, Error ellipse: s-maj=88.4km s-min=59.9km az=156.0

ISC 30 08:10:18.1±1.3, 36°17'N, 0°09'71.3E, 0.1, h100km, n31, 198°26, mb3.6/5, 4C-3D, Afghanistan-Tajikistan border

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AML Almayashu, UCH Uchisar, etc.

IDC 30 08:21:24.3±1.4, 19°61'S, 70°98'W, h0km, mb4.0/4, mbmp4.1/6, ML3.9/2, MS2.9/5, Error ellipse: s-maj=39.3km

VAO 30 08:21:25.3±1.5, 19°75'S, 71°56'W, h48km, 14km, mb4.1, NEIC 30 08:21:26.5±1.6, 19°81'S, 0°04'71.06'W, 0.08, h15km, 3km, mb4.3/8, ML4.0(GUC), Error ellipse: s-maj=10.4km

GUC 30 08:21:27.0±0.6, 19°75'S, 71°06'W, h46km, 2km, ML4.0

ISC 30 08:21:24.3±1.6, 19°78'S, 0°03'71.08'W, 0.06, h2km, 10km, n77, 192°08/88, mb4.3/4, 13C-2D, Off coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PSGC Pisagua, PSGC Pisagua, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GO01 Chusmiza, PB08 IPOC Station P, PB02 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHGB Renai, OWD Renai, WHP Taichung City, etc.

TAP 30 08:40:50.4, 24.63'N, 121.74'E, h68km, 1km, ML2.4, B,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWC Suao, TWC Suao, SLBB Yuanshan, etc.

INET 30 08:47:13.4, 11.71'N, 86.15'W, h140km, ML3.2

ISG 30 08:47:14.0, 11.71'N, 86.15'W, h122km, 8km, MD4.0, ML3.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COPN Copalpete, MOPM Momotombo, ACON Acopya, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PVY Tirane, TIR Tirane, OHR Ohrid, etc.

IDC 30 09:09:14.0, 3.9, 6.02'S, 152.51'E, h0km, mb3.1/2, s-bmt=26.4km, Error ellipse: s-maj=106.3km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 30 09:18:45.8, 1.5, 5.46'S, 146.74'E, h209km, 13km, mb3.9/15, s-min=7.6km, az=107.0

NEIC 30 09:18:46.4, 1.2, 5.48'S, 146.72'E, 0.07, h112km, 6km, mb4.6/4.1, Error ellipse: s-maj=10.9km, s-min=8.9km

ISG 30 09:18:44.0, 4.0, 5.47'S, 146.75'E, 0.06, h195km, n94, r1529.89, mb4.5/35.1C, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, KRVT Keravat, RABL Rabaul, etc.

JMA 30 08:40:48.2, 0.1, 24.61'N, 122.16'E, h36km, ML2.2

TAP 30 08:40:49.0, 24.26'N, 122.27'E, h50km, 2km, ML2.6, C

ISC 30 08:40:48.4, 1.8, 24.09'N, 122.29'E, 0.03, h18km, 12km, n17, r0.55/27, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EOS1 EOS1, ENA Nanau, TWD Chiawan, etc.

PDG 30 09:01:42.7, 0.0, 41.98'N, 20.53'E, h0km, 11km, ML2.5/11, Error ellipse: s-maj=0.1km, s-min=0.0km, az=90.0

SKO 30 09:01:43.8, 42.02'N, 20.50'E, h16km

BEQ 30 09:01:45.0, 0.3, 42.00'N, 20.55'E, h0km, ML2.1/11

ISC 30 09:01:44.0, 1.1, 42.01'N, 20.51'E, 0.02, h4km, 10km, n35, r156/67, 9C-4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COEB Comit de Eme, COEG Comit de Oper, COEG Centro de Oper, etc.

PDG 30 09:01:42.7, 0.0, 41.98'N, 20.53'E, h0km, 11km, ML2.5/11, Error ellipse: s-maj=0.1km, s-min=0.0km, az=90.0

SKO 30 09:01:43.8, 42.02'N, 20.50'E, h16km

BEQ 30 09:01:45.0, 0.3, 42.00'N, 20.55'E, h0km, ML2.1/11

ISC 30 09:01:44.0, 1.1, 42.01'N, 20.51'E, 0.02, h4km, 10km, n35, r156/67, 9C-4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKO Skopje, SKO Skopje, SKO Skopje, etc.

2033

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PSAD2 Pilbara Seismi, PSAC2 Pilbara Seismi, PSA22 Pilbara Seismi, etc.

NEIC 30 09:31:30.7, 1.5, 58.88N, 0.05:150.25W:0.09, h42km, 35km, Error ellipse: s-maj=8.0km s-min=6.2km az=158.0

AEIC 30 09:31:31.1, 58.92N:0.05:150.34W:0.08, h46km, 9km, ML2.8, Error ellipse: s-maj=7.4km s-min=5.9km

2014 APR

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CNPM China Poot, BRSE Bradley Lake S, BRLL Bradley Lake S, etc.

IDC 30 09:39:38.8, 1.7, 19.70S:70.88W, h0km, mb3.6/4, mbmp3.7/6, ML3.5/2, MS2.7/3, Error ellipse: s-maj=40.9km s-min=30.0km az=49.0

GUC 30 09:39:42.0, 0.5, 19.84S:70.92W, h40km, 1km, ML3.7

ISC 30 09:39:40.2, 1.6, 19.80S:0.03:70.96W:0.07, h14km, 10km, n27, 0.85/36, mb3.7/4, 11C-1D, 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, TA02 Huaiquique, TA01 Diego Aracena, etc.

30d 9h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PB02 IPOC Station P, PB01 IPOC Station P, PB16 IPOC Station P, etc.

VAO 30 09:46:12.2, 0.8, 6.12N:73.33W, h10km, mb4.5, IDC 30 09:46:20.5, 0.5, 6.74N:72.98W, h152km, 5km, mb3.6/14, mb4.3/53, Error ellipse: s-maj=10.0km s-min=7.4km az=119.0

UPA 30 09:46:20.3, 3.4, 7.02N:73.29W, h0km, 4.1km, MW4.8, NEIC 30 09:46:21.8, 1.9, 6.74N:0.06:73.00W:0.07, h161km, 5km, mb4.3/53, Error ellipse: s-maj=11.2km s-min=7.8km az=118.0

ISC 30 09:46:21.5, 0.4, 6.80N:0.04:73.03W:0.04, h166km, n138, 2.23/160, mb4.3/4, 1C-1D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RUSC La Rusia, ROSC El Rosal, ROSC El Rosal, etc.

2037

CMB	comp=Z,12nm,1.5s		pmax	pmax			
CMB	Columbia Colie	45.79 318	P	P	10 00 35.5 +1.1		
PNTR	Pine Nut	45.85 319	I	I	10 00 34.7 -0.4		
DLMT	comp=Z,14nm,0.9s						
DLMT	Dillon	45.92 331	P	P	10 00 35.3 -0.2		
DLMT					10 00 46.0 +0.9		
VCNR	comp=Z,15nm,1.2s						
VCNR	Virginia City	46.00 320	P	P	10 00 38.6 +2.4		
VCNR					10 00 45.5 +0.8		
PAHR	comp=Z,21nm,1.6s						
PAHR	Pah Rah Range	46.06 320	P	P	10 00 39.1 +2.5		
VAO	comp=Z,34nm,1.7s						
VAO	Valinhos	46.14 132	eP	P	10 00 35.4 -2.0		
MFID	Camas Ranch	46.24 327	I	I	10 00 39.3 +1.3		
MFID					10 00 49.2		
EGMT	comp=Z,19nm,1.0s						
EGMT	Eagleton	46.66 335	P	P	10 00 41.7 +0.5		
EGMT					10 00 41.4 +0.3		
AFDM	comp=Z,11nm,0.9s						
AFDM	Forest Hills D	46.67 318	P	P	10 00 40.1 -1.1		
BSCB	Bom Succedo	46.67 128	eP	P	10 00 39.3 -2.3		
BEKR	Beckworth	46.77 320	I	I	10 00 42.6 +0.3		
BEKR					10 01 09.7		
CPSB	comp=Z,10nm,0.7s						
CPSB	Capacava Do Su	46.82 145	eP	P	10 00 40.6 -1.9		
WVOR	Wild Horse Val	47.21 324	P	P	10 00 47.3 +1.7		
WVOR					10 00 47.3 +1.7		
WVOR	comp=Z,21nm,1.1s						
WVOR	Wild Horse Val	47.21 324	P	P	10 00 47.3 +1.7		
PARB	Paraibuna	47.33 314	eP	P	10 00 42.7 -4.0		
ORV	Oroville	47.34 319	P	P	10 00 48.7 +2.2		
ORV					10 00 58.8		
ORV	comp=Z,21nm,1.1s						
ORV	Oroville	47.34 319	P	P	10 00 48.7 +2.2		
ORV					10 00 58.8		
MSO	comp=Z,21nm,1.1s						
MSO	Missoula	47.63 331	P	P	10 00 49.8 +1.0		
MSO					10 00 49.5 +0.8		
MSO	Missoula	47.63 331	I	I	10 01 01.8		
J08A	comp=Z,14nm,1.2s						
J08A	Circle Bar Ran	47.68 325	P	P	10 00 50.6 +1.3		
J08A					10 00 59.9		
PLTB	comp=Z,14nm,1.0s						
PLTB	Pedras Altas	47.75 146	eP	P	10 00 48.0 -1.7		
MOD	Modoc Plateau	47.89 322	I	I	10 00 51.1 +0.2		
MOD					10 01 01.4		
003E	comp=Z,16nm,1.3s						
003E	Paynes Creek	47.93 320	P	P	10 00 52.2 +1.0		
BMO	comp=Z,9.0nm,1.0s						
BMO	Blue Mountains	47.99 327	P	P	10 00 51.8 +0.2		
BMO					10 00 53.0		
BMO	comp=Z,9.4nm,0.9s						
BMO	Blue Mountains	47.99 327	P	P	10 00 51.8 +0.2		
BMO					10 00 53.0		
MAN01	comp=Z,9.4nm,0.9s						
MAN01	Angra dos Reis	48.32 129	eP	P	10 00 51.0 -3.3		
VAS01	Vassouras-RJ	48.41 128	eP	P	10 00 52.3 -2.7		
SJMB	Sao Joao De Ma	48.41 123	eP	P	10 00 51.2 -3.9		
002D	Mt. Diabolo Mer	48.51 319	P	P	10 00 56.1 +0.5		
F10A	comp=Z,10nm,0.9s						
F10A	Beach Ranch, E	48.68 328	P	P	10 00 57.1 +0.2		
F10A					10 01 10.8		
I07A	comp=Z,14nm,0.9s						
I07A	Izeze	48.72 325	P	P	10 00 56.5 -0.7		
I07A					10 01 07.6		
BSFB	comp=Z,14nm,0.9s						
BSFB	Barra de Sao F	48.76 123	eP	P	10 00 53.5 -4.2		
M04C	comp=Z,14nm,0.9s						
M04C	Macdoel	48.77 321	P	P	10 00 58.5 +0.9		
N02D	comp=Z,12nm,0.8s						
N02D	Trinity Center	48.88 320	P	P	10 00 59.1 +0.6		
PLCA	comp=Z,17nm,0.9s						
PLCA	Paso Flores	49.06 168	P	P	10 00 59.8 +0.1		
PLCA					10 01 00.5		
PLCA	comp=Z,17nm,0.8s						
PLCA	Paso Flores	49.06 168	eP	P	10 00 54.5 -5.2		
PLCA					10 00 59.2 -0.5		
PLCA	comp=Z,12nm,0.8s						
PLCA	Paso Flores	49.06 168	P	P	10 00 59.2 -0.5		
PLCA					10 17 53.6		
SCHO	comp=Z,9.9nm,1.8.1s						
SCHO	Schefferville	49.12 12	P	P	10 00 58.9 -1.1		
SCHO					10 01 14.9		
SCHO	comp=Z,17nm,1.2s						
SCHO	Schefferville	49.12 12	P	P	10 00 58.6 -1.3		
SCHO					10 22 21.2		
SCHO	comp=Z,105nm,21.0s						
SCHO	Pilot Rock	49.17 327	P	P	10 01 00.7 0.0		
G08A	comp=Z,12nm,0.8s						
G08A	G08A	49.17 327	P	P	10 01 11.3 +1.1		
G08A					10 01 12.1		
M02C	comp=Z,19nm,1.1s						
M02C	Callahan	49.19 320	P	P	10 01 01.5 +0.7		
J05D	comp=Z,12nm,0.8s						
J05D	Fort Rock, OR	49.25 323	P	P	10 01 02.9 +1.6		
YBH	comp=Z,30nm,1.9s						
YBH	Yreka Blue Hor	49.29 321	P	P	10 01 01.0 -0.6		
YBH					10 01 10.3		
YBH	comp=Z,30nm,1.9s						
YBH	Yreka Blue Hor	49.29 321	P	P	10 01 00.5 -1.1		
YBH					10 01 00.5 -1.1		
L04D	comp=Z,3.1nm,0.8s						
L04D	Klamath Falls	49.30 321	P	P	10 01 02.9 +1.2		
L04D					10 01 03.8 +1.4		
PINE	comp=Z,12nm,0.8s						
PINE	Pine Mountain	49.37 324	P	P	10 01 03.8 +1.4		
PINE					10 01 13.7		
KHMM	comp=Z,12nm,0.8s						
KHMM	Horse Mountain	49.49 319	P	P	10 01 03.3 +0.1		
KHMM					10 01 15.5		
E08A	comp=Z,19nm,0.9s						
E08A	Wood Farm, Sta	49.52 328	P	P	10 01 04.3 +1.1		
J04D	comp=Z,12nm,0.8s						
J04D	Umpqua Nationa	49.75 323	P	P	10 01 06.3 +1.1		
FFC	comp=Z,14nm,1.0s						
FFC	Flin Flon	49.79 345	P	P	10 01 04.8 -0.2		
FFC					10 01 04.8 -0.2		
FFC	comp=Z,14nm,1.0s						
FFC	Flin Flon	49.79 345	P	P	10 01 04.8 -0.2		
FFC					10 01 08.0		
I05D	comp=Z,14nm,0.9s						
I05D	Terrebonne, OR	49.93 324	P	P	10 01 08.3 +1.9		
E08A	comp=Z,12nm,0.8s						
E08A	Dider Farm, EI	49.98 328	P	P	10 01 05.9 -0.8		
E08A					10 01 16.2 -0.1		
G06A	comp=Z,26nm,1.1s						
G06A	Carlson Farm	50.06 326	P	P	10 01 08.3 +0.9		
F07A	comp=Z,3.1nm,0.8s						
F07A	Phinny Hill Vi	50.08 327	P	P	10 01 08.5 +1.1		
HAWA	comp=Z,21nm,1.1s						
HAWA	Hanford	50.17 327	P	P	10 01 08.4 +0.3		
HAWA					10 01 18.6		
NEW	comp=Z,12nm,0.8s						
NEW	Newport	50.17 331	P	P	10 01 08.5 +0.3		
NEW					10 01 08.6 +0.4		
NEW	comp=Z,12nm,0.8s						
NEW	Newport	50.17 331	P	P	10 01 08.0 +0.2		
NEW					10 01 10.1 +1.3		
D08A	comp=Z,9.8nm,0.9s						
D08A	Wollman Farm,	50.28 328	P	P	10 01 09.8 +0.8		
D08A					10 01 23.6		
K02D	comp=Z,27nm,1.8.0s						
K02D	Willamette Mer	50.40 321	P	P	10 01 11.3 +1.2		
C09A	comp=Z,14nm,1.2s						
C09A	Chrisman Ranch	50.43 329	P	P	10 01 10.7 +0.6		
C09A					10 01 20.6		
G05D	comp=Z,14nm,1.2s						
G05D	Wamic, OR	50.45 325	P	P	10 01 12.2 +1.9		
H04A	comp=Z,12nm,0.8s						
H04A	Detroit Lake	50.62 324	P	P	10 01 12.7 +1.1		
H04A					10 01 23.3		
I03D	comp=Z,18nm,1.0s						
I03D	Drain, OR	50.75 322	P	P	10 01 14.4 +1.8		

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J01E	comp=Z,12nm,1.5s						
J01E	Myrtle Point	50.82 322	P	P	10 01 15.0 +1.9		
F05D	comp=Z,12nm,1.5s						
F05D	White Salmon	50.91 326	P	P	10 01 16.3 +2.5		
I02D	comp=Z,12nm,1.5s						
I02D	Swissmoor	51.28 323	P	P	10 01 18.1 +1.6		
LTY	comp=Z,26nm,1.1s						
LTY	Liberty	51.33 328	P	P	10 01 18.2 +1.3		
LTY					10 01 27.6		
B08A	comp=Z,10nm,1.0s						
B08A	Colville Reser	51.34 329	P	P	10 01 16.9 0.0		
B08A					10 01 19.0		
G03D	comp=Z,10nm,1.0s						
G03D	McMillanville, O	51.55 324	P	P	10 01 20.1 +1.6		
LOH	comp=Z,10nm,1.0s						
LOH	Longmire	51.63 326	P	P	10 01 20.1 +1.2		
LOH					10 00 49.2		
C06D	comp=Z,10nm,0.8s						
C06D	Leavenworth	51.86 328	P	P	10 01 22.6 +1.8		
E04D	comp=Z,10nm,0.8s						

30d 12h

Table with columns: MAT, JHJ, ASAJ, USRK, USRK, JNU, ZALV, MKAR, ILAR, WRA, ASAR, YKA. Includes station names, times, and coordinates.

SOME 30 11:21:37.7, 44.727N, 82.00E, h0km
NNC 30 11:21:39.6, 1.0, 44.73N, 82.00E, h0km, mb4.0, mpv3.6,
Error ellipse: s-maj=10.6km s-min=4.5km az=127.0

Main table for 30d 12h section, listing station codes, names, times, and coordinates for various stations like DJR, KTMS, KAPS, etc.

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Table for 2014 APR section, listing station codes, names, times, and coordinates for stations like NRN, ARSB, ARLS, etc.

IDC 30 12:13:41.8, 4.6, 10.08S, 119.92E, h59km, 43km, mb3.6/2,
mbmp4.07, ML4.0/5, Error ellipse: s-maj=78.7km
DJA 30 12:13:43.0, 3.0, 10.05S, 121.00E, h44km, 9km, M4.0/13,
mb4.0/6, MLV4.1/13

Main table for 2014 APR section, listing station codes, names, times, and coordinates for stations like BANI, WBSI, WESI, etc.

Table for 2014 APR section, listing station codes, names, times, and coordinates for stations like SVAN, BATM, KTUT, etc.

GUC 30 12:24:18.4, 0.7, 21.18S, 68.56W, h134km, 4km, ML3.3
IDC 30 12:24:40.4, 18.0, 19.02S, 67.41W, h251km, 89km, mb3.2/2,
mbmp3.6/4, Error ellipse: s-maj=35.10km s-min=33.53km
az=15.0

Main table for 2014 APR section, listing station codes, names, times, and coordinates for stations like PB01, PB09, PB08, etc.

UCR 30 12:24:31.3, 1.2, 10.01N, 86.29W, h0km, 9km, MD4.1,
mb4.1 (NEIC)
IDC 30 12:24:36.5, 1.5, 11.30N, 85.08W, h0km, mb3.5/3,
mbmp3.5/4, ML3.4/1, MS2.5/1, Error ellipse: s-maj=64.6km
s-min=14.6km az=74.0

Main table for 2014 APR section, listing station codes, names, times, and coordinates for stations like PLVR, GP33, GPG3, etc.

comp=Z,0.3nm,0.7s,baz=140,slow=4.4,SNR=6.8
comp=Z,0.2nm,0.7s

IDC 30 12:27:45.4:121.0,20.50N:144.45E,h0km, Error ellipse:
s-maj=238.8km s-min=23.1km az=101.0,Mariana
Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy 21.06, H11S1 WAKE ISLAND Hy 21.07, H11S2 WAKE ISLAND Hy 21.08, etc.

IDC 30 12:37:31.0:1.9,33.74N:140.42E,h0km,mb3.7/2,
mbtmp3.6/3,ML2.5/1,MS2.7/1, Error ellipse: s-maj=39.1km
s-min=24.7km az=111.0

JMA 30 12:37:32.7:0.1,33.94N:140.40E,h36km,3km,M3.3
ISC 30 12:37:32.9:1.9,33.91N:140.39E:0.07,h25km,14km,
n18, r059/26, South of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JMKM Mikurajimianish, BSO1 Boso 1, BS03 Boso 3, etc.

IDC 30 12:41:48.0:124.0,20.50N:144.44E,h0km, Error ellipse:
s-maj=244.9km s-min=22.8km az=101.0,Mariana
Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy 21.06, H11S1 WAKE ISLAND Hy 21.07, H11S2 WAKE ISLAND Hy 21.08, etc.

IDC 30 12:59:43.0:128.0,20.49N:144.45E,h0km, Error ellipse:
s-maj=252.5km s-min=23.1km az=101.0,Mariana
Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy 21.06, H11S1 WAKE ISLAND Hy 21.07, H11S2 WAKE ISLAND Hy 21.08, etc.

IDC 30 13:00:49.8:52.0,22.83S:175.34W,h0km,mb4.1/3,
mbtmp4.1/3, Error ellipse: s-maj=968.7km
s-min=172.9km az=87.0,Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 30 13:10:10.3:0.8,12.54N:141.75E,h0km,mb4.1/11,
mbtmp4.1/11,MS3.1/7, Error ellipse: s-maj=29.3km
s-min=19.3km az=89.0

NEIC 30 13:10:17.5:1.3,12.4N:0.1:141.69E:0.08,h56km,8km,
mb4.5/12, Error ellipse: s-maj=18.3km s-min=9.1km
az=159.0

ISC 30 13:10:15.4:0.6,12.45N:0.09:141.6E:0.1,h33km,n42,
r059/35,mb4.4/17,MS3.0/6, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, JAY Jayapura, FAK Fak Fak, etc.

KSAR Wonju Array Be 2777 336 P P 13 16 03.1 +1.8
HNR Honiara 28.34 139 LR LR 13 26 09.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

AS31 Alice Springs 36.68 192 P P 13 17 19.6 +0.2
ASAR Alice Springs 36.68 192 P P 13 17 20.0 +0.6
ASAR Alice Springs 36.68 192 P P 13 17 20.0 +0.6

ASAR comp=Z,0.2nm,0.4s,baz=23,slow=11,SNR=9.2 LR LR 13 31 55.4

KLR Kul'dur 37.58 349 LR LR 13 30 43.3

CMAR Chiang Mai Arr 41.51 284 P P 13 18 00.7 +0.7
CMAR Chiang Mai Arr 41.51 284 P P 13 18 01.0 +1.0

PETK Petropavlovsk- 42.54 14 LR LR 13 32 58.3

BBOO Bucklehole 45.32 187 P P 13 18 30.4 0.0

SONM Songino Array 45.91 327 LR LR 13 38 06.9

TIXI Tiksi 59.68 355 P P 13 20 17.0 +0.8
TIXI Tiksi 59.68 355 Iamb Iamb 13 21 55.1

TIXI Tiksi 59.68 355 P P 13 20 17.0 +0.8

MKAR Makanchi Array 60.15 317 P P 13 20 19.8 -0.2
MKAR Makanchi Array 60.15 317 P P 13 20 20.3 +0.3

KURK Kurchatov 63.45 321 P Iamb Iamb 13 20 41.6 -0.4
KURK Kurchatov 63.45 321 P Iamb Iamb 13 20 44.1

KURBB Kurchatov Arr 63.48 321 P P 13 20 41.8 -0.5

BVAR Borovoye Array 68.88 322 P P 13 21 16.6 -0.3
BVAR Borovoye Array 68.88 322 P P 13 21 16.6 -0.3

BRVK Borovoye 68.95 322 P Iamb Iamb 13 21 16.5 -0.7
BRVK Borovoye 68.95 322 P Iamb Iamb 13 21 18.0

FID Port Fidalgo 70.38 30 P P 13 21 25.4 -0.6
ILAR Eielson Array 70.94 25 P P 13 21 27.6 -1.7
ILAR Eielson Array 70.94 25 P P 13 21 27.9 -1.4

ABKAR Abkulak array 74.27 318 P P 13 21 54.7 -0.5
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1
YKA Yellowknife Arr 85.30 27 P P 13 22 48.8 -0.1

ARCES ARCESS Array B 87.18 342 P P 13 22 57.1 -0.9
ARCES ARCESS Array B 87.18 342 P P 13 22 57.5 -0.6

FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9
FINES FINESS Array B 90.84 334 P P 13 23 13.5 -1.9

LPAZ La Paz 150.92 101 PKPbc PKIKP 13 30 07.2 +0.1

2.4nm,0.3s,baz=171,slow=10,SNR=6.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MAJO Matsushiro, MAT Matsushiro, MJ99 Matsu-Tunnel, etc.

USRK USSuriysk Arr 16.59 341 P Iamb Iamb 13 32 40.7 +0.7
USRK USSuriysk Arr 16.59 341 P Iamb Iamb 13 32 39.1 -0.9

YULB Yu-Ii 17.12 256 P P 13 32 43.4 -2.2

SSLB Sredulung 17.27 256 P P 13 32 45.0 +1.3

PEL Petropavlovsk 28.16 25 P P 13 34 28.5 +4.1

SONM Songino Array 31.89 316 P P 13 34 56.4 -0.3

SONM Songino Array 31.89 316 Iamb Iamb 13 34 57.0

SONM Songino Array 31.89 316 P P 13 34 56.6 -0.3

ZALV Zalesovo Ben 46.70 319 P P 13 36 56.2 -0.1

MKAR Makanchi Array 47.59 309 P P 13 37 02.6 -0.6
MKAR Makanchi Array 47.59 309 P P 13 37 02.6 -0.6

WRO Warramunga Arr 48.58 186 P Iamb Iamb 13 37 11.3 +0.5
WRO Warramunga Arr 48.58 186 P Iamb Iamb 13 38 39.2

WB2 Warramunga Arr 48.59 186 P Iamb Iamb 13 37 11.3 +0.4
WB2 Warramunga Arr 48.59 186 P Iamb Iamb 13 38 54.8

WRA Warramunga Arr 48.59 186 P Iamb Iamb 13 37 11.3 +0.4
WRA Warramunga Arr 48.59 186 P Iamb Iamb 13 37 11.3 +0.4

KURK Kurchatov 50.14 314 P P 13 37 21.4 -0.5
KURKB Kurchatov 50.19 314 P P 13 37 21.9 -0.5

IMAR Indian Mountain 54.75 27 P P 13 37 58.1 +3.3
BVAR Borovoye Array 55.23 317 P P 13 37 58.5 +0.1
BVAR Borovoye Array 55.23 317 P P 13 37 58.5 +0.1

KK31 Karatay Array 56.18 305 P P 13 38 05.3 0.0
KKAR Karatay Array 56.18 305 P Iamb Iamb 13 38 05.2 -0.1
KKAR Karatay Array 56.18 305 P Iamb Iamb 13 38 06.0

MCK McKinley 56.58 30 P Iamb Iamb 13 38 11.3 +3.6
MCK McKinley 56.58 30 P Iamb Iamb 13 39 32.9

RND Reindeer 56.61 31 P P 13 38 10.3 +2.4
RND Reindeer 56.61 31 P Iamb Iamb 13 39 28.2

RIDG Independent RI 58.40 30 P Iamb Iamb 13 38 22.8 +2.6
RIDG Independent RI 58.40 30 P Iamb Iamb 13 39 37.0

SCRK Sand Creek 58.78 30 P Iamb Iamb 13 38 25.0 +2.2
SCRK Sand Creek 58.78 30 P Iamb Iamb 13 38 27.0

ABKAR Abkulak array 62.24 313 P Iamb Iamb 13 38 45.5 -0.3
ABKAR Abkulak array 62.24 313 P Iamb Iamb 13 38 50.8

C36M Paultuk 65.73 23 P Iamb Iamb 13 39 09.7 +2.0
C36M Paultuk 65.73 23 P Iamb Iamb 13 39 46.6

ARCES ARCESS Array B 71.24 340 P P 13 39 42.5 +1.4
ARCES ARCESS Array B 71.24 340 P P 13 39 42.5 +1.4

YKA Yellowknife Arr 71.90 28 P P 13 39 47.1 +2.0
YKA Yellowknife Arr 71.90 28 P P 13 39 47.1 +2.0

YKA Yellowknife Arr 71.90 28 P P 13 39 47.1 +2.0
YKA Yellowknife Arr 71.90 28 P P 13 39 47.1 +2.0

KBZ Khabaz 75.14 312 P P 13 40 05.1 +1.2
KBZ Khabaz 75.14 312 P P 13 40 05.1 +1.2

FINES FINESS Array B 75.44 333 P P 13 40 05.6 +0.3
FINES FINESS Array B 75.44 333 P P 13 40 05.6 +0.3

FINES FINESS Array B 75.44 333 P P 13 40 05.6 +0.3
FINES FINESS Array B 75.44 333 P P 13 40 05.6 +0.3

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FINES FINESS Array B 75.44 333 P P 13 40 05.6 +0.3
FINES FINESS Array B 75.44 333 P P 13 40 05.6 +0.3

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30d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Rabaul, Keravat, Honiara, Warramunga, Alice Springs, Kununurra, Kanto, Wonju, Yellowknife, etc.

30d 13:46:02.3-0.9, 84.74N, 3.76E, h0km, mb3.6/8, mbmp3.7/10, ML4.0/2, MS3.0/17, Error ellipse: s-maj=36.9km s-min=15.1km az=62.0, NEIC 30 13:46:03.7-1.1, 84.71N, 0.09-3.1, 75.0-4.1, h10km, 5km, mb4.5/18, Error ellipse: s-maj=13.3km s-min=5.5km az=173.0, IEPN 30 13:46:05.0, 84.76N, 7.41E, h20km, ISC 30 13:46:02.4-0.6, 84.66N, 0.06-5.49E, 0.07, h10km, n90, e223/86, mb4.3/16, MS2.9/14, 1C-1D, North of Svalbard

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nord, Kingsbay, Spitsbergen, ARAO, ARESS, ARED, KIF, HETTA, RES, BORG, LSH, TIXI, NC405, FIAO, FINES, NOB00, NAO01, etc.

2014 APR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Paulatuk, Klimovskoe, Inuk, Toolik Lake, Bilibino, Mount, Kirov, Eielson, Clear Creek, Yellowknife, Kuro-shima, etc.

JMA 30 13:58:15.4, 24.42N, 123.96E, h0km, M0.8, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IJJI, IJJK, IJIR, IJIS, IJIT, etc.

TAP 30 13:58:51.0, 24.40N, 121.88E, h22km, ML1.7, C, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ENA, TNC, TWC, EOSI, NACB, ENT, TWE, NDT, ETHL, SLTB, NNSB, NNSH, NNS, NWLT, YHNB, TIPB, WHF, TDCB, CHGB, OWD, etc.

2042

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WHP, Taichung City, etc.

IDC 30 14:00:59.2-2.6, 38.05S, 111.90E, h0km, mb4.1/2, mbmp4.3/3, ML2.5/1, Error ellipse: s-maj=95.7km s-min=38.8km az=124.0, NEIC 30 14:01:03.8-1.2, 37.8S, 0.1-111.9E, 0.2, h23km, 6km, mb4.3/9, Error ellipse: s-maj=23.2km s-min=14.4km az=121.0, ISC 30 14:01:01.8-1.2, 37.9S, 0.1-112.1E, 0.2, h10km, n29, e223/86, mb4.2/5, Southwestern of Australia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H01W2, H01W1, H01W3, NWA0, MORW, FORT, GIRL, PSA00, BB00, ASAR, W2, WRO, H08S2, H08S1, H08S3, QSPA, PDAR, TXAR, DJA, SOEI, MMRI, BATI, BATI, WBSI, FITZ, WRA, ASAR, MKAR, etc.

Table with columns: MAW, Mawson, 40.15 144 P, P, 15 12 39.7 +0.6, etc. Lists various astronomical objects and their properties.

Table with columns: WRA, Warramunga Arr, 102.65 162 P, P, 15 18 58.3 -0.8, etc. Lists various astronomical objects and their properties.

Table with columns: WMQ, WMO, LZH, Lanzhou, 141.71 101, P, 15 24 32.8 +0.2, etc. Lists various astronomical objects and their properties.

30d 18h

2014 APR

2052

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like N47A Urbana, L60C Shokan, K10A Kusan Boka, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like ALGO Algonquin Park, PV13 Radium Mtn., U15A North Rim, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like CHGG Chibougamau, HWUT Hardware Ranch, LB7B Lobatse, etc.

30d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EAST Anshuo, SCZT Fangliu, ECL Taimali, etc.

2014 APR

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ Irabujima, JYNG Yonagunijimaku, etc.

2058

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAA Atsumi, JYTA Yamagatanianai, etc.

ISC Computed Locations for April 2014

