

ACKNOWLEDGEMENTS

The Centre gratefully acknowledges the financial support of the following agencies:

MEMBERS

The National Science Foundation of the United States. (Grant No. EAR-0949072), U.S.A.
 The Royal Society of London, United Kingdom
 Russian Academy of Sciences, Russia
 The Japan Meteorological Agency (JMA), Japan
 China Earthquake Administration, China
 India Meteorological Department, India
 Institute National des Sciences de l'Univers, France
 Bundesanstalt für Geowissenschaften und Rohstoffe, Germany
 The Geological Survey of Canada, Canada
 Istituto Nazionale di Geofisica e Vulcanologia, Italy
 Institute of Geological and Nuclear Sciences, New Zealand
 Geoscience Australia, Australia
 Instituto Geografico Nacional, Spain
 Japan Agency for Marine-Earth Science and Technology (JAMSTEC), Japan
 Earthquake Research Institute, University of Tokyo, Japan
 The University of Bergen, Norway
 Stiftelsen NORSAR, Norway
 The Royal Netherlands Meteorological Institute, Netherlands
 Bundesministerium für Wissenschaft und Forschung, Austria
 Instituto Português do Mar e da Atmosfera, Portugal
 GeoForschungsZentrum Potsdam, Germany
 The Swiss Academy of Sciences, Switzerland
 Geological Survey of Denmark and Greenland - GEUS, Denmark
 Academy of Sciences of the Czech Republic, Czech Republic
 The University of Helsinki, Finland
 British Geological Survey, United Kingdom
 Laboratoire de Detection et de Geophysique/CEA, France
 Uppsala Universitet, Sweden
 Disaster and Emergency Management Presidency, Turkey
 National Earthquake Information Center, U.S. Geological Survey, U.S.A.
 The Seismological Institute, National Observatory of Athens, Greece
 National Defence Research Establishment, Sweden

The Geophysical Institute of Israel, Israel
 National Institute for Earth Physics, Romania
 Kandilli Observatory and Earthquake Research Institute, Turkey
 Seismology Research Centre, Australia
 National Research Institute for Astronomy and Geophysics (NRIAG), Cairo, Egypt
 Council for Geoscience, South Africa
 Institute of Geophysics, National University of Mexico, Mexico
 The Hungarian Academy of Sciences, Hungary
 The Icelandic Meteorological Office, Iceland
 Dublin Institute for Advanced Studies, Ireland
 Instituto Nacional de Prevencion Sismica (INPRES), Argentina
 Observatoire Royal de Belgique, Belgium
 Natural Resources Authority, Amman, Jordan
 Environmental Agency of Slovenia, Slovenia
 Incorporated Research Institutions for Seismology, U.S.A.
 Geological Survey Department, Cyprus
 University of Texas at Austin, U.S.A.
 Iraqi Seismic Network, Iraq
 Korean Meteorological Administration, Republic of Korea
 Institute of Earth Sciences, Academia Sinica, Chinese Taipei
 Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, Italy
 Institute of Geophysics, Polish Academy of Sciences, Poland
 University of the West Indies, Jamaica
 AWE Blacknest, United Kingdom
 University of the West Indies, Trinidad and Tobago
 Red Sismica de Puerto Rico, Puerto Rico
 Soreq Nuclear Research Centre (SNRC), Israel
 Centre of Geophysical Monitoring (CGM) of the National Academy of Sciences of Belarus, Belarus
 The University of Melbourne, Australia
 Centre de Recherche en Astronomie, Astrophysique et Geophysique (CRAAG), Algeria
 National Institute of Polar Research (NIPR), Japan
 Department of Geophysics, University of Chile, Chile

SPONSORS

REF TEK, a division of Trimble, U.S.A.

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

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Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

```

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

```

Epicentral Estimates

Origin times - The superscripts have been removed and a simpler format adopted.

Magnitudes - All magnitudes that were reported to the ISC are now shown. Only two per agency were allowed in the past.

Error Ellipses - The keywords have been shortened.

Observational Data

The station code, station name, epicentral distance and azimuth are all shown in **bold** for Initial phases. For Secondary phases, only the station code (in normal font) is repeated.

Phase ID's - The Operator's identification is shown in normal font. The Operator's residual is no longer printed. When the arrival time of an initial or secondary phase has contributed to the location - the ISC's identification, the arrival time and the ISC's travel-time residual are all shown in **bold**.

Phase Parameters - The following parameters are included on supplementary lines where appropriate :-

Component, amplitude and period (or logA/T) - reported by the Operator.

Station magnitude estimate - computed by the ISC.

Slowness, Back-Azimuth, Signal-to-Noise ratio - measured by the Operator.

Addendum II

From data-month January 2006 the ISC hypocentres are computed using the AK135 earth velocity model (Kennett, B.L.N. Engdahl, E.R. & Buland R., 1995. Constraints on seismic velocities in the Earth from travel times, Geophys J Int, 122, 108-124; B.L.N. Kennett, 2005. Seismological tables: ak135. Research School of Earth Sciences, the Australian National University, Canberra) and then reviewed by the ISC seismologists. The ISC still produces the hypocentre solutions based on Jeffreys-Bullen travel time tables (agency code ISCJB), yet these solutions are no longer reviewed.

The ISC is planning to re-compute the entire ISC dataset using AK135 once new location procedures are designed, tested, discussed and approved by the ISC Governing Council. Until that time the automatic ISCJB locations will continue to be produced alongside the AK135 solutions to observe the long-time continuity of the ISC Bulletin.

Addendum III

From data month January 2009 the ISC hypocentres are computed using the new ISC location algorithm and all reported IASPEI seismic phases, for which ak135 predictions are available. This algorithm is described in: Bondár, I. and D.A. Storchak (2011), Improved location procedures at the International Seismological Centre, Geophys. J. Int., 186, 1220-1244, doi:10.1111/j.1365-246X.2011.05107.x

The alternative locations based on JB-tables are still produced with the original location algorithm for consistency with the past data. It is still the plan that by the middle of calendar year 2014 all ISC locations (1960-2008) are going to be re-computed with the new location algorithm and ak135 as part of the ISC Bulletin Re-Build project, sponsored by the US NSF and several agencies from Japan, China and India.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like DZM Mt Dzumac, URZ Urewera, EIDS Eidsvold, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like BJI Beijing, CM01 Chiang Mai Arr, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like DBIC Dimboko, TORD Torodi Ar, RSNC 01 00:10:32.01, etc.

2012 SEP

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like NACB Ninganchiao, TTSI Tana Toraja, YHNB Yeheng, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like RGR1 Rengat, PHIT Phitsaulok, KLI Kotabumi, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like CD2 comp=Z,90nm,1.0s, CD2 comp=Z,3um,10.0s, etc.

SSPA	Standing Stone	124.56	22	P	PKPdf	00 43 58.6	0.0
SS1A	Beattyville	124.62	29	P	PKPdf	00 43 58.9	+0.1
Y46A	Houston	124.70	36	P	PKPdf	00 43 59.1	+0.1
X47A	Russelville	124.81	35	P	PKPdf	00 43 58.1	-1.1
W48A	Pulaski	124.86	33	P	PKPdf	00 43 58.6	-0.7
V49A	McMinnville	124.93	32	P	PKPdf	00 43 59.1	-0.4
U50A	Jamestown	124.97	31	P	PKPdf	00 44 00.4	+0.8
T51A	Gray	124.99	30	P	PKPdf	00 43 59.2	-0.4
KOWA	Kowa	125.18	296	PKP	PKPdf	00 44 06.3	+5.8
W49A	Belvidere	125.23	33	P	PKPdf	00 44 00.1	+0.1
X48A	Hartselle	125.31	34	P	PKPdf	00 43 59.8	-0.4
U51A	La Follette	125.42	30	P	PKPdf	00 44 00.6	+0.2
V50A	Pikeville	125.42	32	P	PKPdf	00 44 00.3	-0.1
TZTN	Tazewell	125.52	30	P	PKPdf	00 44 00.8	+0.2
X49A	Woodville	125.55	33	P	PKPdf	00 44 00.5	-0.4
W50A	Signal Mountain	125.67	32	P	PKPdf	00 44 00.6	-0.3
V51A	Loudon	125.70	31	P	PKPdf	00 44 00.8	-0.1
U52A	Thorn Hill	125.73	30	P	PKPdf	00 44 00.3	-0.7
Z48A	Northport	125.81	35	P	PKPdf	00 44 01.1	-0.1
W51A	Cleveland	125.92	32	P	PKPdf	00 44 01.7	+0.2
V52A	Sevierville	126.05	30	P	PKPdf	00 44 02.2	+0.6
X50B	Fort Payne	126.06	33	P	PKPdf	00 44 02.9	+1.2
Y49A	Blount Mountain	126.10	34	P	PKPdf	00 44 02.4	+0.6
TKL	Tuckaleechee C	126.11	31	PKP	PKPdf	00 44 02.2	+0.9
U53A	Fall Branch	126.13	29	P	PKPdf	00 44 02.6	+0.5
148A	Greensboro	126.33	36	P	PKPdf	00 44 01.5	-0.7
LRAL	Lakeview Retre	126.38	35	ePKPdf	PKPdf	00 44 02.9	+0.6
LRAL	Lakeview Retre	126.38	35	P	PKPdf	00 44 02.6	+0.3
W52A	Murphy	126.47	31	P	PKPdf	00 44 02.6	+0.1
Z49A	Columbiana	126.53	35	P	PKPdf	00 44 02.1	-0.4
V53A	Saluda	126.57	30	P	PKPdf	00 44 02.6	0.0
W49A	Cullowhee	126.80	30	P	PKPdf	00 44 04.1	+0.9
153A	Jones	126.82	35	P	PKPdf	00 44 03.9	+0.8
Z50A	Ashland	126.82	34	P	PKPdf	00 44 03.6	+0.4
X52A	Dahlonega	126.87	32	P	PKPdf	00 44 03.8	+0.6
R58B	Mineral	126.87	24	P	PKPdf	00 44 03.9	+0.6
Z51A	Franklin	127.18	34	P	PKPdf	00 44 04.6	+0.7
150A	Eclectic	127.25	35	P	PKPdf	00 44 04.7	+0.8
X53A	Estanville	127.25	31	P	PKPdf	00 44 04.4	+0.5
Y52A	Liburn	127.36	32	P	PKPdf	00 44 04.8	+0.6
Z51A	Williamson	127.69	33	P	PKPdf	00 44 05.2	+0.4
152A	Opelika	127.69	34	P	PKPdf	00 44 05.3	+0.4
KM5C	Kings Mountain	127.71	29	P	PKPdf	00 44 05.4	+0.6
152A	Waverly Hall	127.92	34	P	PKPdf	00 44 06.3	+1.0
Z51A	Midway	127.97	35	P	PKPdf	00 44 04.9	-0.5
205A	Godfrey	128.02	32	P	PKPdf	00 44 05.2	-0.2
Z53A	Monticello	128.07	32	P	PKPdf	00 44 05.6	+0.1
Y54A	Tignall	128.07	31	P	PKPdf	00 44 05.5	0.0
Z52A	Lumpkin	128.42	34	P	PKPdf	00 44 06.5	+0.3
154A	Sparta	128.48	32	P	PKPdf	00 44 07.2	+0.9
K4C	Kosan Boka	128.78	287	eP	PKPdf	00 44 05.6	-1.8
DBIC	Dimbokro	128.79	287	PKP	PKPdf	00 44 08.1	+0.7
TIC	Toumodi	129.05	287	eP	PKPdf	00 44 06.1	-1.6
L1C	Lamto	129.09	287	eP	PKPdf	00 44 07.5	-0.4
CM1G	Matias Romero	130.84	57	PKP	PKPdf	00 44 12.5	+1.3
PLCA	Paso Flores	146.07	156	PKPbc	PKPbc	00 44 40.0	+0.1
PLCA	Paso Flores	146.07	156	PKP2	PKPbc	00 44 40.0	+0.1
EC1P	Isla Barro Col	147.41	55	eP	PKPbc	00 44 43.0	-0.8
SJG	San Juan	149.16	24	PKPbc	PKPbc	00 44 48.1	+0.9
CAPC	Capurgana	149.70	53	eP	PKPdf	00 44 47.1	+2.1
MOTC	Monteria, Cord	150.91	50	eP	PKPbc	00 44 51.7	-0.9
TRQA	Tornquist	151.26	166	ePKPbc	PKPbc	00 44 53.1	+0.3
TRQA	Tornquist	151.26	166	ePKPbc	PKPbc	00 45 01.1	+0.4
TRQA	Tornquist	151.26	166	ePKPbc	PKPbc	00 44 47.9	+1.1
UR1C	Uribia, Colomb	151.45	41	eP	PKPbc	00 44 54.4	+0.6
DB5D	Dabela	151.47	54	eP	PKPbc	00 44 54.4	+0.1
UREC	San Jos de U	151.65	52	eP	PKPbc	00 44 54.4	0.0
ZARC	Zaragoza, Cauc	152.54	51	eP	PKPbc	00 44 53.1	-2.8
HELX	Santa Helena	152.60	54	eP	PKPbc	00 44 57.8	+0.8
OCAC	Ocana	153.00	48	eP	PKPbc	00 44 57.1	-0.5
HORQ	Saladito	153.19	61	eP	PKPbc	00 45 00.1	+2.0
PTBC	PUERTO BERRIO	153.24	52	eP	PKPbc	00 44 59.0	+1.1
BRRC	Barranca, Sant	153.45	50	eP	PKPdf	00 44 51.2	+0.5
POPC	Popayan, Colom	153.61	62	eP	PKPbc	00 45 01.0	+2.0
ANIL	Santa Ana	153.68	57	eP	PKPdf	00 44 50.6	-0.8
GIRC	Giron, Santand	153.86	50	eP	PKPbc	00 44 58.4	-1.0
BARC	Barichara	154.19	50	eP	PKPbc	00 45 01.7	+1.5
RUPC	Prado	154.53	58	eP	PKPbc	00 44 58.7	-1.1
RUSP	La Rusia	154.71	52	eP	PKPbc	00 45 05.0	+3.4
CPUP	Villa Florida	163.58	168	PKP	PKPdf	00 45 02.6	+0.2
CPUP	comp=2.3,2nm,1.1s,baz=108,slow=3.2,SNR=3.9						
LPZA	La Paz	164.49	114	PKP	PKPdf	00 45 05.2	+0.9
PTGA	Pittinga	168.54	35	PKPbc	PKPbc	00 46 16.3	+0.1
SAML	Samuel	170.31	83	ePKPbc	PKPdf	00 45 08.1	+0.3
SAML	Samuel	170.31	83	ePKPbc	PKPdf	00 45 08.1	+0.3

GURO	Guroymak-BITLI	0.73	313	PG	Pg	00 34 38.8	-0.2
GURO	ADCV	0.75	1	IP	Sb	00 34 49.9	-0.2
HAKT	BITLIS_Adilcev	0.93	122	IP	Sb	00 34 40.0	-0.4
HAKT	HAKKARI	1.07	138	IP	Sb	00 34 45.0	-0.5
CUKT	Cukurca	1.07	138	PG	Pg	00 34 43.2	-0.1
CUKT	Cukurca	1.12	275	IP	Sb	00 34 55.4	+0.5
BTMM	Batman	1.15	262	IP	Pg	00 34 44.9	-0.5
SVAN	Silvan-Diyarba	1.20	275	PN	Pg	00 34 45.0	-0.5
SVAN	Karacaban	1.30	337	SN	Pg	00 34 47.6	-0.3
TUTA	Tutak	1.35	31	IP	Pg	00 35 04.4	+0.9
CLDR	Caldiran	1.44	41	PN	Pg	00 34 50.0	-0.8
VRBT	Varto-Mus	1.48	319	PN	Pg	00 34 51.7	+0.3
AGRH	Hanur-Agry	1.54	8	PN	Pg	00 34 52.0	+0.1
ENGB	Engez	1.85	301	PN	Pg	00 34 52.8	+0.1
MAZI	Mazidag	1.89	252	PN	Pg	00 34 58.1	+0.5
YEDI	Yedisu-Bingol	2.19	310	PN	Pg	00 35 01.8	+0.1
SVRC	Sivrice-ELAZID	2.70	278	PN	Pg	00 35 09.4	+0.6

IDC 01 00:36:00.5±0.5, 11°26'N, 126°66'E, h0km, mb4.3/27, mb1 4.4/27, mb1mx4.2/59, mb1tmp4.3/27, Error ellipse: s-maj=21.5km s-min=10.9km az=84.0
 MAN 01 00:36:03.0±0.6, 11°28'N, 126°60'E, h22km, mb5.4, ML4.4, MS4.7
 ISCJB 01 00:36:04.0±0.4, 11°27'N, 126°65'E, 0.04, h40km, mb4.3/31, Error ellipse: s-maj=6.0km s-min=5.1km az=162.8
 NEIC 01 00:36:05.0±0.3, 11°27'N, 126°67'E, h35km, mb4.6/3, Error ellipse: s-maj=13.4km s-min=6.6km az=85.0
 ISC 01 00:36:06.3±0.5, 11°28'N, 126°61'E, 0.05, h40km, n40, s17045, mb4.2/31, 2C, Philippine Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
BESP	Borongan	1.20	286	eP	Pn	00 36 23.5	-3.1	
BESP	Borongan	1.20	286	eS	Pn	00 36 43.2	+1.6	
PLP	Palo	1.61	266	eP	Pn	00 36 30.2	-2.1	
PLP	Palo	1.61	266	eS	Pn	00 36 50.2	-1.5	
PLP	Palo	1.61	266	eS	Pn	00 37 37.8	-0.7	
MSLP	Maasin	2.06	237	eS	Pn	00 37 00.0	0.0	
CNP	Cataman	2.27	203	eP	Pn	00 36 40.2	-1.1	
CNP	Cataman	2.27	203	eS	Pn	00 37 07.4	-0.6	
BTUP	Butuan	2.49	203	eP	Pn	00 36 42.9	-1.6	
LLP	Lapu-Lapu	2.77	250	eP	Pn	00 36 49.2	+1.0	
LLP	Lapu-Lapu	2.77	250	eS	Pn	00 37 00.8	-0.4	
RCP	Roxas	3.80	275	eP	Pn	00 37 03.1	+0.7	
RCP	Roxas	3.80	275	eS	Pn	00 37 46.9	+0.9	
BATI	Baumata	21.54	188	P	Pn	00 45 52.5	+0.1	
JUNU	Nakatusu	22.09	10	P	Pn	00 40 58.0	-0.2	
KSAR	Wonju Array B	26.08	2	P	Pn	00 41 36.5	+0.2	
KSR5	Korea Array A	26.09	2	P	Pn	00 41 36.5	+0.2	
MJAR	Matsushiro Arr	27.25	21	P	Pn	00 41 45.4	-1.4	
CMAR	Chiang Mai Arr	27.65	288	P	Pn	00 41 50.6	-0.1	
FITZ	Fitzroy Cross B	29.20	182	P	Pn	00 42 04.5	+0.2	
WRA	Warrungarra Arr	31.94	166	P	Pn	00 42 26.6	-1.9	
USRK	Ussuriysk Arr	33.13	7	P	Pn	00 42 36.6	-2.1	
ASAR	Asa Springs	35.45	168	P	Pn	00 42 58.0	-1.0	
KLR	Kul dur	38.08	0	P	Pn	00 43 21.5	+0.4	
SONM	Songino Array	40.20	339	P	Pn	00 43 39.8	+0.8	
STKA	Stephens Creek	45.24	162	P	Pn	00 44 19.7	-0.2	
PETK	Petropavlovsk	48.59	25	P	Pn	00 44 47.2	+1.3	
MKAR	Makanchi Array	51.44	322	P	Pn	00 45 08.8	+1.2	
NIL	Niilo	53.45	304	eP	Pn	00 45 22.9	+0.1	
ZALV	Zalesovo Beam	53.91	331	P	Pn	00 45 25.7	0.0	
KURK	Kurchatov	55.44	325	eP	Pn	00 45 37.4	+0.6	
KURB	Kurchatov Arra	55.44	325	P	Pn	00 45 37.6	+0.6	
BRVK	Borovyoye	61.11	325	eP	Pn	00 46 16.2	-0.2	
GEYT	Alibek	66.22	306	P	Pn	00 46 51.2	+0.7	
AKTO	Kodyubinsk	67.77	320	P	Pn	00 46 59.4	-0.7	
KDAK	Kadiak Island	75.64	33	P	Pn	00 47 47.5	+0.4	
ILAR	Elaine Array	78.39	26	P	Pn	00 48 02.3	-0.2	
SPITS	Spitsbergen Arr	83.10	349	P	Pn	00 48 27.9	+0.4	
ARCES	ARCCESS Array B	83.37	340	P	Pn	00 48 29.4	+0.4	
BRTR	Keskin Array B	85.16	309	P	Pn	00 48 38.0	-0.9	
FINES	FINES Array B	85.17	332	P	Pn	00 48 38.0	-0.2	
AKASO	Main Array B	86.00	321	P	Pn	00 48 42.8	+0.2	
MAW	Mawson	90.75	200	P	Pn	00 49 06.1	+1.4	
VNDA	Vanda	90.88	173	P	Pn	00 49 05.6	+0.6	
HFS	Hagfors	91.32	333	P	Pn	00 49 06.0	-0.1	

IDC 01 00:42:30.4±1.9, 11°15'N, 126°57'E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/60, mb1tmp3.7/6, Error ellipse: s-maj=175.3km s-min=18.7km az=69.0, Philippine Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
WRA	Warrungarra Arr	31.93	166	P	Pn	00 48 56.7	-0.4	
ASAR	Asa Springs	35.44	168	P	Pn	00 49 28.0	+0.3	
SONM	Songino Array	40.30	339	P	Pn	00 50 09.2	-0.3	
MKAR	Makanchi Array	51.51	322	P	Pn	00 51 38.4	+0.5	
KURB	Kurchatov Arra	55.52	325	P	Pn	00 52 07.2	0.0	
BRVK	Borovyoye Array	61.11	325	P	Pn	00 52 46.0	-0.4	

NNC 01 00:43:41.6±3.2, 38°78'N, 70°14'E, h0km, mb3.7, mpv3.3, 5C-5D, Error ellipse: s-maj=23.7km s-min=15.5km az=31.0, Afghanistan-Tajikistan border region

2012 SEP

1d 1h															
MYLDM	Lahad Datu	9.82 238	ePn	Pn	01 18 23.9	-3.2									
KMSI	Cibinong	10.28 196	P	Pn	01 18 35.2	+1.8									
LBMI	Labuha	11.10 177	P	Pn	01 18 47.5	+2.8									
MRSI	Marisa	11.10 206	P	Pn	01 18 47.9	+3.2									
KKM	Kota Kinabalu	11.42 248	ePn	Pn	01 18 46.4	-2.7									
IKKM					01 19 04.5										
SWI	Sorong	12.13 158	P	P	01 19 06.3	-5.0									
	94nm,0.6s,2um														
SLJ	Sorong	12.13 158	Pn	Pn	01 19 04.2	+5.4									
	2.1nm,0.3s,baz=297,slow=1.6,SNR=4.0														
LUVI	Luwuk	12.17 200	P	P	01 19 03.5	+4.1									
MPSI	Mapaga	12.24 215	P	P	01 19 20.8	+8.2									
APSI	Ampana	12.47 205	P	Pn	01 19 09.5	+6.0									
SANI	Sanana	12.51 184	P	Pn	01 19 01.0	-3.0									
TWG	Pinlang	13.42 336	ePn	Pn	01 19 17.7	+1.2									
NLAI	Namlea	13.67 179	P	Pn	01 19 17.0	-2.0									
YULL	Yuli	13.85 338	ePn	Pn	01 19 24.1	+1.7									
MSAI	Masohi	13.93 171	P	Pn	01 19 27.1	+3.8									
RKPI	Ransiki, Papua	14.00 148	P	Pn	01 19 26.9	+2.5									
TPUB	Ta-pu	14.03 336	ePn	Pn	01 19 23.2	-1.6									
VOJ	Yonaguni jima	14.34 346	ePn	Pn	01 19 30.8	+1.8									
YQJ	Yonaguni jima	14.34 346	eP	Pn	01 19 30.8	+1.8									
SSLB	Suanglung	14.34 338	ePn	Pn	01 19 28.7	-0.3									
FAKI	Fak Fak	14.39 158	P	P	01 19 42.1	+5.6									
FAKI	Fak Fak	14.39 158	ePn	Pn	01 19 29.7	0.0									
NACB	Ninganchiao	14.47 340	ePn	Pn	01 19 30.9	+0.1									
SMKI	Samarinda	15.41 222	P	Pn	01 19 32.3	+1.0									
YHNB	Yehene	15.01 340	ePn	Pn	01 19 38.0	-0.1									
	67nm,1.6s														
MTSI	Tana Toraja	15.18 208	P	Pn	01 19 42.0	+1.7									
SPSI	Sidrap Palu	16.02 206	P	Pn	01 19 52.7	+1.5									
BNSI	Bone	16.27 205	P	Pn	01 19 56.8	-0.5									
JOW	Kunigami	16.29 5	Pn	Pn	01 19 55.9	+1.2									
	2.8nm,0.3s,baz=168,slow=13,SNR=5.5														
JOW	Kunigami	16.29 5	ePn	Pn	01 19 57.2	-0.3									
	295nm,1.3s														
OZH	Quanzhou	16.35 332	eP	S	01 19 58.0	-0.2									
OZH					01 23 08.6	0.0									
OZH	comp=Z,100nm,1.7s														
OZH	comp=Z,1um,4.9s														
OZH	comp=N,2um,15.2s														
OZH	comp=E,4um,12.9s														
OZH	comp=Z,4um,14.2s														
MTKI	Muara Teweh, K	16.46 227	P	Pn	01 20 01.9	+2.4									
SBUM	Sibu	16.58 242	ePn	Pn	01 19 58.8	+0.3									
	152nm,1.2s														
SBUM	Sibu	16.58 242	P	Pn	01 20 01.0	+0.1									
BKSI	Bulukumba	17.10 203	P	Pn	01 20 04.3	-0.6									
GUMO	Guam	17.89 78	ePn	P	01 20 16.4	+1.0									
	1um,1.7s														
GUMO	Guam	17.89 78	eP	P	01 20 16.4	+1.0									
	comp=Z,1um,1.7s														
STKI	Sintang	18.47 237	P	Pn	01 20 24.4	+2.4									
QIZ	Qiongzong	18.48 299	ePn	Pn	01 20 20.5	-1.3									
	comp=Z,59nm,1.4s														
JAY	Jayapura	18.92 132	P	Pn	01 20 28.8	+1.4									
	comp=Z,0.4nm,0.3s,baz=286,slow=9.2,SNR=10														
JAY	Jayapura	18.92 132	P	P	01 20 27.7	+1.0									
ANAZ	Anatahan	19.24 70	eP	P	01 20 33.1	+1.8									
SARN	Sariga	19.40 69	eP	P	01 20 33.0	+1.0									
	comp=Z,89nm,2.0s														
MMRI	Maumere	19.57 194	P	Pn	01 20 37.8	+2.6									
	comp=Z,526nm,0.8s,comp=Z,9um														
MMRI	Maumere	19.57 194	eP	P	01 20 32.5	-1.3									
	comp=Z,616nm,1.0s														
EDFI	Ende, Flores	19.81 195	P	Pn	01 20 39.3	+1.1									
	comp=Z,343nm,0.9s,comp=Z,4um														
PBKI	Pangkalan Bun	20.02 230	P	Pn	01 20 40.2	-0.3									
SOEI	Soe	20.30 187	P	Pn	01 20 43.3	+1.4									
BATI	Baumata	20.83 189	P	Pn	01 20 47.8	+0.3									
	comp=Z,117nm,0.6s,baz=101,slow=2.0,SNR=26														
BATI	Baumata	20.83 189	P	P	01 20 48.0	+0.5									
SSE	Sheshan	21.14 346	P	S	01 20 52.3	+1.5									
SSE					01 24 47.8	+2.6									
SSE	comp=Z,79nm,1.5s														
SSE	comp=Z,600nm,9.2s														
SSE	comp=Z,1um,12.2s														
SSE	comp=Z,1um,12.2s														
TWSI	Taliwang, Sumb	21.54 208	P	P	01 20 56.5	+1.3									
CBIJ	Chichi jima	21.93 39	eP	P	01 21 00.9	+1.6									
	comp=Z,612nm,1.2s														
JCJ	Chichijima	21.93 39	P	P	01 21 00.2	+0.9									
	comp=Z,97nm,1.0s,baz=256,slow=8.3,SNR=3.8														
NJ2	Nanjing	22.67 342	eP	P	01 21 08.7	+1.6									
NJ2					01 21 19.0	+3.5									
NJ2					01 25 18.1	+3.7									
NJ2					01 25 28.9	+0.1									
NJ2					01 28 38.8	+0.4									
NJ2	comp=Z,34nm,1.4s														
NJ2	comp=Z,1um,5.4s														
NJ2	comp=Z,4um,14.1s														
NJ2	comp=Z,2um,20.6s														
NJ2	comp=Z,4um,15.2s														
JAGI	Jajag, Banyuwa	22.70 214	P	P	01 21 10.9	+3.3									
JAGI	Jajag, Banyuwa	22.70 214	eP	P	01 21 06.2	-1.4									
	comp=Z,337nm,1.2s														
JNU	Nakatsue	22.80 9	P	P	01 21 09.0	+0.4									
	comp=Z,40nm,1.0s,baz=190,slow=5.0,SNR=11														
JNU	Nakatsue	22.80 9	eP	P	01 21 08.4	-0.2									
GMJ	Gumukmas	22.94 216	P	P	01 21 12.5	+2.4									
	comp=Z,121nm,1.0s,comp=Z,3um														
WHN	Wuhan	23.07 332	IP	S	01 21 11.5	+0.2									
WHN					01 25 27.3	+5.9									
WHN	comp=Z,7um,14.2s														
WHN	comp=Z,4um,12.8s														
WHN	comp=Z,10um,15.6s														
PPBI	Pangkal Pinang	24.15 240	P	P	01 21 22.2	+0.2		</							

DZM	comp-Z,1um,24.7s	50.57 130 P	P	01 25 06.0 +1.3
DZM	Mont Dzumac	50.57 130 eP	P	01 25 05.4 +0.7
MA2	Magadon	52.15 15 P	P	01 25 15.9 +0.1
MA2	Magadan	52.15 15 iP	P	01 25 16.5 +0.7
MA2	Magadan	52.15 15 pmax	P	01 25 17.0 +1.1
MK01	Makanchi Array	52.16 322 eP	P	01 25 16.1 -0.1
MK31	Makanchi Array	52.16 322 eP	P	01 25 16.9 +0.4
MKAR	Makanchi Array	52.16 322 P	P	01 25 16.7 +0.3
MKAR	Makanchi Array	52.16 322ceP	P	01 25 16.3 0.0
MAKZ	Makanchi	52.37 322 P	P	01 25 16.8 -1.0
PRZ	Przheval'sk	52.80 316 P	P	01 25 20.8 -0.4
KSH	Kashi	53.49 312 P	P	01 25 27.3 +1.0
KSH	Kashi	53.49 312 pP	P	01 25 27.5 +2.4
KSH	Kashi	53.49 312 sP	P	01 25 42.4 +1.0
KSH	Kashi	53.49 312 pP	P	01 25 42.5 +1.6
KSH	Kashi	53.49 312 S	P	01 32 53.7 -4.6
KSH	Kashi	53.49 312 ScS	P	01 35 09.4 -5.8
KSH	Kashi	53.49 312 SS	P	01 36 38.7 +0.1
KSH	comp-Z,67nm,1.2s		P	
KSH	comp-Z,250nm,4.7s		P	
KSH	comp-Z,1um,13.8s		P	
KSH	comp-Z,1um,12.1s		P	
NIL	Nilore	54.06 304 eP	P	01 25 29.2 -1.3
NIL	Nilore	54.06 304 P	P	01 25 29.2 -1.3
UHLL	Ulahol	54.20 315 P	P	01 25 32.1 +0.6
ZAA0	Zalesovo Array	54.69 331 eP	P	01 25 33.8 -0.7
ZALV	Zalesovo Beam	54.69 331 P	P	01 25 33.6 -0.9
KZA	Kyzart	54.84 314 P	P	01 25 36.8 +0.3
TKM2	Tokmak 2	54.88 316 P	P	01 25 36.1 -0.4
KBK	Karagaybulak	55.24 315 P	P	01 25 39.8 +0.7
UCH	Uchtor	55.41 314 P	P	01 25 41.7 +1.1
SEY	Seymchan	55.45 14 P	P	01 25 41.2 +1.3
CHMS	Chumysh	55.49 315 P	P	01 25 40.2 -0.5
FRU	Bishkek	55.53 315 eP	P	01 25 40.0 -1.0
FRU	comp-Z,54nm,2.0s		P	
FRU	comp-E,2um,16.0s		P	
AAK	Ala-Archa	55.55 315 P	P	01 25 41.3 +0.1
AAK	Ala-Archa	55.55 315 P	P	01 25 42.0 +0.7
AAK	Ala-Archa	55.55 315 iP	P	01 25 41.5 +0.3
AAK	Ala-Archa	55.55 315 pmax	P	01 25 40.5 -0.8
AML	Almayashu	55.95 314 P	P	01 25 44.1 -0.4
NVS	Novosibirsk	55.96 331 iP	P	01 25 42.9 -0.8
NVS	NVS	55.96 331 eS	P	01 33 34.7 +4.1
NVS	comp-N,97nm,2.1s		P	
NVS	comp-E,95nm,2.1s		P	
NVS	comp-Z,187nm,2.1s		P	
NVS	comp-N,27nm,1.5s		P	
EKS2	Erkin-Say	56.06 315 P	P	01 25 44.3 -0.6
KURK	Kurchatov	56.19 325 eP	P	01 25 45.3 -0.2
KURK	Kurchatov	56.19 325 P	P	01 25 45.2 -0.2
KURK	Kurchatov	56.19 325ceP	P	01 25 45.2 -0.2
KURK	Kurchatov	56.19 325 pmax	P	01 25 45.2 -0.3
KURB	Kurchatov Array	56.20 325 P	P	01 25 45.2 -0.3
TAU	Tasmania Univ	56.37 162 eP	P	01 25 45.0 -1.7
TAU	Tasmania Univ	56.37 162 eP	P	01 25 45.0 -1.7
KBL	Kabul	57.66 304 eP	P	01 25 55.5 -1.0
KBL	Kabul	57.66 304 eP	P	01 25 55.5 -1.0
KK31	Karatay Array	58.48 314 P	P	01 26 01.3 -0.6
KK31	Karatay Array	58.48 314 iP	P	01 26 01.0 -0.9
KK31	Karatay Array	58.48 314 pmax	P	01 26 01.3 -0.6
KKAR	Karatay Array	58.48 314 eP	P	01 26 01.3 -0.6
KKAR	Karatay Array	58.48 314 eP	P	01 26 01.3 -0.6
BVA0	Borovoye Array	61.79 325 iP	P	01 26 24.0 -0.3
BVA0	Borovoye Array	61.79 325 pmax	P	01 26 24.0 -0.3
BVA0	Borovoye Array	61.79 325 P	P	01 26 24.0 -0.3
BRVK	Borovoye	61.86 325 eP	P	01 26 24.4 -0.4
BRVK	Borovoye	61.86 325ceP	P	01 26 24.4 -0.4
BRVK	Borovoye	61.86 325 pmax	P	01 26 24.4 -0.4
NR1K	Noril'sk	63.92 346 P	P	01 26 37.8 -0.4
GEY0	Alibek	66.83 327 P	P	01 26 57.2 -0.6
GYA0	ALIBECK ARRAY	66.85 307 eP	P	01 26 57.2 -0.7
AB31	Akbulak array	67.06 319 iP	P	01 26 57.9 -1.0
AB31	Akbulak array	67.06 319 pmax	P	01 26 57.9 -1.0
AB31	Akbulak array	67.06 319 P	P	01 26 58.1 -0.7
LTZ	Lake Taylor	67.83 145 eP	P	01 26 60.0 -1.1
UNV	Unalaska Valle	67.85 36 eP	P	01 27 05.5 +1.7
ASHO	Ashiyah	68.30 292 iP	P	01 27 05.0 -2.3
SVE	Sverdlovsk	68.31 327iP	P	01 27 06.2 -0.4
SVE	Sverdlovsk	68.31 327 pmax	P	01 27 06.2 -0.4
AKTO	Aktyubinsk	68.50 320 P	P	01 27 07.5 -0.4
ARU	Arti	69.33 327iP	P	01 27 12.6 -0.4
ARU	Arti	69.33 327dIP	P	01 27 12.6 -0.4
ARU	Arti	69.33 327 e	P	01 27 36.7
ARU	Arti	69.33 327 PPP	P	01 29 45.8
ARU	Arti	69.33 327 P	P	01 31 26.9
ARU	Arti	69.33 327 eS	P	01 36 20.6 +2.0
ARU	comp-Z,35nm,1.2s		P	
FALS	False Pass	69.83 35 eP	P	01 27 15.2 -0.9
SVW2	Sparrevoth	74.86 29 eP	P	01 27 46.7 +0.7
MAK	Makhchakala	75.13 312 eP	P	01 27 49.9 +2.0
OHAK	Old Harbord	75.73 34 eP	P	01 27 53.9 +2.8
IM3	Indian Moutai	76.15 24 eP	P	01 27 52.9 -0.4
KDAD	Kodiak Island	76.15 33 P	P	01 27 54.3 +0.8

KDAD	Kodiak Island	76.15 33 eP	P	01 27 54.1 +0.7
KDAD	Kodiak Island	76.15 33 eP	P	01 27 54.1 +0.7
GROC	Groznyy	76.37 312 eP	P	01 27 54.3 -0.7
GROC	Groznyy	76.37 312 eS	P	01 30 43.9
GROC	Groznyy	76.37 312 eP	P	01 37 36.7 -2.6
PPLA	Purkeypile	76.59 28 eP	P	01 27 56.9 +0.8
PRGR	Pernomogore	76.64 331 eP	P	01 27 54.6 -1.6
PRGR	Pernomogore	76.64 331 pmax	P	01 27 54.6 -1.6
CAST	Castle Rocks	76.67 27 eP	P	01 27 57.4 +1.1
SKT	Skwentna	76.85 29 eP	P	01 27 57.0 -0.4
CNPM	China Pool	76.91 31 eP	P	01 27 58.9 +1.1
BPWA	Bear Paw Mtn.	77.19 26 eP	P	01 28 00.3 +1.0
KTH	Thorsfane Hill	77.20 27 eP	P	01 28 00.2 +0.9
TBLG	Delisi	77.21 311 eP	P	01 27 59.1 -0.8
TBLG	Delisi	77.21 311 eP	P	01 27 59.1 -0.8
TBLG	Delisi	77.21 311 pmax	P	01 27 59.1 -0.8
GNI	Garni	77.29 309 P	P	01 27 58.9 -1.6
GNI	Garni	77.29 309 P	P	01 28 00.4 -0.1
GNI	Garni	77.29 309 P	P	01 28 01.5 +1.0
GNI	Garni	77.29 309 iP	P	01 27 58.8 -1.7
GNI	Garni	77.29 309ceP	P	01 27 58.8 -1.7
GNI	Garni	77.29 309 pmax	P	01 27 58.8 -1.7
MLY	Manley	77.33 26 eP	P	01 28 01.0 +0.9
TRF	Thorfare Mountain	77.42 27 eP	P	01 28 00.7 -0.4
CASY	Casey	77.52 187 eP	P	01 28 00.2 -0.7
COLD	Coldfoot	77.65 23 eP	P	01 28 02.5 +0.8
ZEI	Tsey	77.78 312 eP	P	01 28 01.1 -2.1
ZEI	Tsey	77.78 312 pmax	P	01 28 01.1 -2.1
TOLK	Toolik Lake Re	77.94 22 P	P	01 28 03.6 +0.2
PMR	Palmer	77.98 29 eP	P	01 28 04.2 +0.5
PMR	Palmer	77.98 29 eP	P	01 28 04.2 +0.5
RAYN	Ar Rayn	78.00 292 eP	P	01 28 03.2 -1.5
RAYN	Ar Rayn	78.00 292 iP	P	01 28 03.0 -1.7
RAYN	Ar Rayn	78.00 292 eP	P	01 28 03.2 -1.5
MCK	McKinley	78.09 27 eP	P	01 28 04.7 +0.4
MCK	McKinley	78.09 27 eP	P	01 28 04.7 +0.4
RND	Reindeer	78.12 27 eP	P	01 28 04.7 +0.2
RND	Reindeer	78.12 27 eP	P	01 28 04.7 +0.2
RND	Reindeer	78.12 27 pmax	P	01 28 04.7 +0.2
GOF	Gofitskoye	78.28 314 iP	P	01 28 05.3 -0.4
GOF	Gofitskoye	78.28 314 pmax	P	01 28 05.3 -0.4
MDM	Murphy Dome	78.40 26 eP	P	01 28 07.0 +1.0
KBZ	Khabaz	78.46 313 P	P	01 28 06.5 -0.2
CCB	Clear Creek Bu	78.58 26 eP	P	01 28 06.7 -0.2
KIV	Kislovodsk	78.60 313 eP	P	01 28 07.0 -0.6
KIV	Kislovodsk	78.60 313 P	P	01 28 07.7 +0.1
KIV	Kislovodsk	78.60 313 iP	P	01 28 08.2 +0.6
KIV	Kislovodsk	78.60 313 eP	P	01 28 07.3 -0.3
KIV	Kislovodsk	78.60 313 eS	P	01 38 01.5 -2.1
KIV	Kislovodsk	78.60 313 pmax	P	01 28 07.3 -0.3
NEY	Neytrino	78.62 312 iP	P	01 28 07.6 -0.2
NEY	Neytrino	78.62 312 pmax	P	01 28 07.6 -0.2
VRH	Novokhop'yorsk	78.84 320 eP	P	01 28 07.4 -1.2
VRH	Novokhop'yorsk	78.84 320 pmax	P	01 28 07.4 -1.2
ILAR	Eielson Array	78.97 26 P	P	01 28 08.8 -0.3
ILB	Eielson Array	78.97 26 eP	P	01 28 09.2 +0.1
ILB	Eielson Array	78.97 26 eP	P	01 28 07.7 -1.4
KLU	Klutina	79.52 29 eP	P	01 28 11.4 -0.9
FYU	Fort Yukon	79.61 24 eP	P	01 28 13.8 +1.2
DIV	Divonogorie	79.61 30 eP	P	01 28 13.1 +0.3
EYAK	Cordova Ski Ar	79.65 30 eP	P	01 28 13.2 +0.3
PAX	Paxson	79.67 28 eP	P	01 28 12.3 -0.8
PAX	Paxson	79.67 28 eP	P	01 28 12.3 -0.8
RIG	Independ'e Rid	79.91 27 eP	P	01 28 15.0 +0.7
BMRM	Bremner River	80.19 30 eP	P	01 28 16.0 +0.1
SCRK	Sand Creek	80.27 27 eP	P	01 28 17.1 +0.7
VORR	Voronozh	80.38 321 eP	P	01 28 15.0 -2.0
VORR	Voronozh	80.38 321 pmax	P	01 28 15.0 -2.0
VORR	Voronozh	80.38 321 pmax	P	01 28 15.9 -1.1
VORD	Vord	80.39 320 eP	P	01 28 15.9 -1.1
VSR	Storozhevoye	80.44 320 eP	P	01 28 15.6 -1.7
VSR	Storozhevoye	80.44 320 pmax	P	01 28 15.6 -1.7
LPSR	Galich'ya Gora	80.47 322 eP	P	01 28 16.8 -0.7
LPSR	Galich'ya Gora	80.47 322 pmax	P	01 28 16.8 -0.7
MIR	Mirnyy	80.75 193 eP	P	01 28 20.0 +1.5
MIR	Mirnyy	80.75 193 i	P	01 28 35.0
MIR	Mirnyy	80.75 193 pmax	P	01 28 35.0
EGAG	Eagle	81.42 26 eP	P	01 28 23.5 +1.2
OBN	Obninsk	81.62 324 eP	P	01 28 22.8 -0.8
OBN	Obninsk	81.62 324 iP	P	01 28 22.7 -0.8
OBN	Obninsk	81.62 324 PPP	P	01 31 29.0
OBN	Obninsk	81.62 324 eSS	P	01 43 44.0 -7.7
OBN	Obninsk	81.62 324 pmax	P	01 28 22.8 -0.8
OBN	Obninsk	81.62 324 MLR	P	01 28 22.3 -1.3
APA	Apatity	81.67 337iP	P	01 38 24.0 -1.1
APA	Apatity	81.67 337 iS	P	01 38 24.0 -1.1
ANN	Anapa	82.27 314 eP	P	01 28 26.2 -1.0
ANN	Anapa	82.27 314 eS	P	01 38 42.6 +0.8
ANN	Anapa	82.27 314 pmax	P	01 28 26.2 -1.0
DAWY	Dawson	82.27 26 eP	P	01 28 28.3 +1.4
KEV	Kevo	83.60 340 eP	P	01 28 33.0 -0.5
KEV	Kevo	83.60 340 eP	P	01 28 33.0 -0.5
ABPO	Ambohimpnom	83.74 249 eP	P	01 28 34.0 -1.5
INK	Inuvik	83.85 22 eP	P	01 28 34.2 -0.7
INK	Inuvik	83.85 22 eP	P	01 28 33.8 -1.0
INK	Inuvik	83.85 22 eP	P	01 28 33.8 -1.0
SPITS	Spitsbergen Ar	83.89 349 P	P	01 28 34.6 -0.3
ARCES	ARCES Array B	84.16 340 eP	P	01 28 36.2 -0.3
ARCES	ARCES Array B	84.16 340 eP	P	01 28 36.0 -0.5
ARCES	ARCES Array B	84.16 340 eP	P	01 28 36.0 -0.5
AREO	AREO Array S	84.16 340 eP	P	01 28 36.4 -0.1
SGF	Sodankyl	84.30 338 P	P	01 28 36.9 -0.3
SGF	Sodankyl	84.30 338 pmax	P	01 28 36.9 -0.3
ASF	Asfar	84.44 302 P	P	01 28 39.1 +0.4
ASF	Asfar	84.44 302 P	P	01 28 39.1 +0.4

SIM	Simferopol'	84.58 315dIP	P	01 28 38.6 -0.5
SIM	Simferopol'	84.58 315dIP	P	01 28 38.6 -0.5
HWQ	Hawqa	84.90 304 eP	P	01 28 40.9 -0.2
SKAG	Skagway	84.96 31 eP	P	01 28 41.3 +0.5
BHL	Bhannes	85.20 303 eP	P	01 28 42.1 -0.5
QRWL	Qaraoun	85.23 303 eP	P	01 28 43.0 +0.2
QDRL	Deir Qamar	85.30 303 eP	P	01 28 43.1 0.0
SIT	Sitka	85.49 33 eP	P	01 28 43.7 +0.4
SIT	Sitka	85.49 33 eP	P	01 28 43.7 +0.4
MMAI	Mount Meron Ar	85.55 303 eP	P	01 28 45.1 +0.7
BR131	Keskin Array S	85.81 309 eP	P	01 28 44.4 -1.2

1d 1h

2012 SEP

Table with columns: Station Name, Frequency, Power, SNR, and other technical details. Includes stations like VYHS, LIT, MORC, etc.

Table with columns: Station Name, Frequency, Power, SNR, and other technical details. Includes stations like T39A, R41A, U39A, etc.

Table with columns: Station Name, Frequency, Power, SNR, and other technical details. Includes stations like Y47A, X48A, V50A, etc.

Technical notes and coordinates: IDC 01 01:16:15.5:0.3, 10:56N, 126:83E, h0km, m5,2/46, mb1 5.2/47, mb1mxs:1/62, mbtmps:2/47, ML4,1/1, MS4.4/2, etc.

BUTP	Butuan	2.11 222	eS	Sn	01 17 19.5 +0.8
BIPH	Bislig	2.45 196f	iP	Pn	01 16 57.3 -0.4
BIFH				Pn	01 17 23.9 -3.1
CGP	Bagayuan de Oro	3.12 228	eS	Sn	01 17 42.1 -1.5
FBP	Taglibaran	3.25 255	iS	Sn	01 17 46.3 -0.6
BKPK	Musuan	3.30 217	eS	Sn	01 17 48.2 -0.6
MATI	Mali	3.67 192	eP	Pb	01 17 20.4 -2.7
DAV	Davao City (W)	3.75 203	Pn	Pb	01 17 18.1 +2.4
DAV				LR	01 18 50.1
MMPH	Masbate	3.80 298	eP	Pb	01 17 19.1 +2.8
SNPH	Sibulan	3.94 253	iP	Pb	01 17 28.7 +1.0
CTBH	Catobato-PC H	4.31 220	eS	Pn	01 17 24.2 +0.8
RCP	Roxas	4.34 284	eS	Pn	01 17 24.2 +0.5
DDMI	Don Marcelino	4.61 197	eP	Pn	01 17 29.8 +2.3
SKMP	Bagumbayan, Su	4.71 212	eP	Pn	01 17 29.9 +1.0
Tagaytay City	Tagaytay City	6.93 301	Pn	Pn	01 17 59.1 -0.4
BATP	Bataraza	9.28 260	eP	Pn	01 18 32.6 +1.0
KCM	Kota Kinabalu	11.61 248	Pn	Pn	01 19 07.0 +3.7
KJJI	Sorong	12.10 159	Pn	Pn	01 19 13.1 +2.8
AAI	Ambon	14.19 175	P	Pn	01 19 40.2 +1.3
KDI	Kendari	15.07 197	P	Pn	01 19 52.8 +1.9
BK	Balikpapan	15.48 221	P	P	01 20 02.3 +1.7
BBSI	Bau Biau	16.55 196	P	P	01 20 13.5 +1.1
QIZ	Qiongzhong	18.63 299	P	P	01 20 33.0 -2.4
QIZ				S	01 24 04.2 +0.5
QIZ	comp=Z,1um,7.4s			Pmax	Pmax
QIZ	comp=N,3um,13.7s			LR	LR
QIZ	comp=E,3um,15.2s			LR	LR
JAY	Jayapura	18.80 133	P	Pn	01 20 39.2 +1.3
BATI	Baumata	20.89 189	P	P	01 20 59.8 -0.4
PLAI	Plampang	21.35 206	P	P	01 21 05.3 +0.3
WBSI	Waikabubak, Su	21.46 201	P	P	01 21 06.9 +0.7
JCJ	Chichijima	21.78 39	P	P	01 21 11.2 +0.1
KMMI	Kaliangot	21.80 217	P	P	01 21 11.8 +1.9
SRBI	Singaraja	21.94 213	P	P	01 21 16.5 +5.1
DNBP	Denpasar	22.44 212	P	P	01 21 19.1 +2.3
BLJI	Banyuglugur	22.57 217	P	P	01 21 21.2 +3.0
IGBI	Denpasar	22.59 212	P	P	01 21 19.9 +1.5
JNU	Nakasuu	22.59 212	P	P	01 21 20.1 +0.3
SKNT	Sakolakanor	23.28 288	P	P	01 21 23.0 -2.5
KHON	Khnomkaen	24.24 286	P	P	01 21 32.7 -2.0
NONG	Nongkai	24.31 291	P	P	01 21 33.1 -2.3
TPRI	Tanjung Pinang	24.34 248	P	P	01 21 37.1 +1.4
PCJI	Pacitan	24.42 221	P	P	01 21 39.0 +2.7
UGM	Wanagasa	24.62 241	P	P	01 21 43.7 +5.3
JCJI	Jatibang	25.22 229	P	P	01 21 48.4 +4.8
PMBI	Palembang	25.90 240	P	P	01 21 53.4 +3.6
LEM	Lembang	25.92 229	P	P	01 21 49.5 -0.8
TNG	Tangerang	26.24 232	P	P	01 21 58.3 +5.4
PISI	Cisempet, Garu	26.27 228	P	P	01 21 54.4 +1.2
CHIT	Chisanulok	26.26 227	P	P	01 21 57.0 +0.3
KSR5	Korea Arr	26.80 2	P	P	01 21 57.2 -0.5
KSR5	comp=Z,20m,1.1s,baz=174,slo=10,SNR=11			PcP	PcP
BLSI	Bandar Lampung	26.86 235	P	P	01 22 00.3 +1.8
KLI	Kotabumi	26.88 236	P	P	01 21 59.5 +0.8
TRTT	Trang	27.22 232	P	P	01 22 00.2 -0.8
LWLI	Liwa	27.62 237	P	P	01 22 03.8 -1.7
BKNI	Bangkinang	27.78 250	P	P	01 22 08.7 +1.9
MJAR	Matsushiro Arr	27.78 250	P	P	01 22 05.0 -1.5
MJBS	Matsu-Tunnel	27.78 250	eP	P	01 22 05.3 -1.3
SDSI	Sungai Dareh	27.92 247	P	P	01 22 08.4 +0.4
MASI	Maura Aman, Be	28.19 242	P	P	01 22 11.9 +1.4
CM3I	Chiang Mai Arr	28.29 289	P	P	01 22 10.7 -0.6
CMAR	Chiang Mai Arr	28.29 289	P	P	01 22 09.3 -2.0
CMAR	comp=Z,12m,0.8s,baz=104,slo=7.3,SNR=20			PcP	PcP
CHTO	Chiang Mai	28.36 290	P	P	01 22 10.3 -0.1
CHTO	Chiang Mai	28.36 290	P	P	01 22 11.5 -0.5
KRJI	Kerinci	28.39 245	P	P	01 22 13.1 +0.8
PKDT	Phuket	28.45 267	P	P	01 22 12.4 -0.4
FITZ	Fitzroy Creek	28.50 143	P	P	01 22 13.0 -0.1
CMAI	Chiengmai2	28.54 292	P	P	01 22 05.2 -8.5
PSI	Prapat	28.95 257	P	P	01 22 14.6 -2.8
PSI	comp=Z,21m,0.9s,baz=1.2,slo=3.9,SNR=17			PcP	PcP
KCSI	Kotacane, Aceh	29.86 259	P	P	01 22 20.2 -5.1
TIY	Taiyuan	30.07 336	eP	P	01 22 25.9 -1.0
TIY				P	01 22 50.2 +1.9
TIY				eP	01 23 02.4 +2.9
TIY				PP	01 23 24.1 0.0
TIY				S	01 27 04.1 -2.0
TIY				S	01 28 07.6 +3.3
TIY				SnSn	01 28 58.9 +1.4
TIY				Pmax	Pmax
TIY	comp=Z,36m,0.9s			Pmax	Pmax
TIY	comp=Z,350m,4.2s			LR	LR
TIY	comp=N,2um,12.6s			LR	LR
TIY	comp=E,740m,9.5s			LR	LR
TIY	comp=Z,2um,14.2s			LR	LR
GSJ	Gunungstisik	34.01 3	P	P	01 22 31.6 -1.0
WRA	Warramunga Arr	31.14 167	P	P	01 22 37.0 +0.5
WRA	comp=Z,18m,0.7s,baz=339,slo=9.4,SNR=28			PcP	PcP
WRA	comp=Z,8.3m,0.7s,baz=339,slo=9.4,SNR=7.5			LR	LR
SNY	Shenyang	31.30 355	iP	P	01 22 36.8 -0.9
SNY				S	01 27 47.6 +4.1
SNY	comp=Z,32m,1.0s			Pmax	Pmax
SNY	comp=Z,600m,3.5s			Pmax	Pmax
SNY	comp=N,1um,16.1s			LR	LR
SNY	comp=E,1um,12.0s			LR	LR
SNY	comp=Z,2um,13.9s			LR	LR
BNSI	Sinabang, Aceh	31.55 257	P	P	01 22 41.3 +1.1
BTO	Batout	33.51 336	eP	P	01 22 58.7 +1.5
USRK	Ussuriysk Arr	33.80 6	P	P	01 22 59.2 -0.3
MDJ	Mudanjiang	34.61 3	P	P	01 23 01.5 +0.1
ASAR	Alice Springs	34.66 169	P	P	01 23 05.5 -1.9
ASAR	comp=Z,18m,0.6s,baz=333,slo=6.2,SNR=35			PcP	PcP
CTA	Charters Tower	35.84 148	P	P	01 23 17.8 +0.3
YSS	Yuzh-Sakhalins	38.65 17	eP	P	01 23 40.8 -0.2
YSS				eS	01 23 54.7 +5.0
YSS				S	01 25 02.0 +1.9
YSS				eS	01 25 22.0 -4.5
YSS				eSSS	01 32 41.0
YSS	comp=Z,20m,1.1s			Pmax	Pmax
YSS	comp=Z,1um,16.0s			MLR	MLR
YSS	comp=E,500m,15.0s			MLR	MLR
KLR	Kul'dur	38.76 5	P	P	01 23 41.7 -0.1

SOMM	Songino Array	41.07 339	P	P	01 24 00.4 -0.5
SOMM	comp=E,1.3m,0.8s,baz=183,slo=5.4,SNR=13			P	
SOMN	Songino Array	41.07 339	PcP	P	01 25 59.9 -0.8
SOMN	comp=E,5.6m,1.1s,baz=167,slo=7.6,SNR=8.3			P	
SOMN	comp=E,6.8m,0.9s,baz=177,slo=7.3,SNR=3.9			PcP	PcP
SOMN	Songino Array	41.03 339	PcP	P	01 25 59.9 -0.8
SOMT	Songino Array	41.03 339	PcP	P	01 25 59.9 -0.8
CIT	Chita	42.78 348	eP	P	01 24 17.9 +2.8
CIT				e	01 24 28.8
CIT	comp=Z,183m,1.9s			Pmax	Pmax
ZEZ	Zeya	43.07 0	eP	P	01 24 15.8 -1.5
ZEZ	comp=N,74m,1.4s			Pmax	Pmax
ZEZ	comp=N,120m,1.6s			Pmax	Pmax
NKL	Nikolayevsk	43.88 12	eP	P	01 24 23.0 -0.8
NKL				e	01 24 36.7
NKL				eS	01 24 38.0
NKL				Pmax	01 30 56.0 +2.1
NKL	comp=Z,600m,4.0s			Pmax	Pmax
NKL	comp=Z,310m,1.6s			smax	smax
NKL	comp=N,1um,10.0s			smax	smax
NKL	comp=E,2um,10.0s			smax	smax
STKA	Stevans Creek	44.43 162	P	P	01 24 27.8 -0.7
STKA	comp=Z,31m,0.8s,baz=342,slo=8.5,SNR=21			PP	PP
STKA				PP	PP
TLY	Talya	45.23 340	eP	P	01 24 37.1 +2.4
TLY				S	01 31 08.6 -5.2
TLY	comp=Z,74m,1.6s			Pmax	Pmax
IRK	Irkutsk	45.49 341	eP	MLR	MLR
IRK	comp=Z,629m,17.0s			Pmax	Pmax
PALK	Pallekele	45.87 270	PcP	PcP	01 26 17.6 0.0
PALK	comp=Z,13m,0.8s,baz=116,slo=3.5,SNR=4.5			P	
HYB	Hyderabad	47.44 284	iP	P	01 24 52.0 -0.7
PETK	Petrovsk	49.07 24	eP	P	01 25 05.5 +0.9
DZM	Mont Dzumak	50.44 130	P	P	01 25 16.3 +0.7
DZM	comp=Z,2m,0.7s,baz=319,slo=6.8,SNR=5.8			P	
M2M	Magadan	52.06 15	P	P	01 25 27.4 +0.3
M2M	comp=Z,7.1m,0.6s,baz=227,slo=8.5,SNR=4.2			P	
MKAR	Makanchi Array	52.27 322	P	P	01 25 27.4 -1.5
MKAR	comp=Z,95m,0.9s,baz=116,slo=8.0,SNR=29			PcP	PcP
MKAR	comp=Z,31m,0.9s,baz=112,slo=4.9,SNR=3.8			PcP	PcP
AAA	Alma-Ata	54.20 316	eP	P	01 25 45.2 +2.0
AAA	comp=Z,500m,5.3s			Pmax	Pmax
ZALV	Zalesovo Beam	54.75 331	P	P	01 25 45.8 -1.1
ZALV	comp=Z,16m,0.6s,baz=117,slo=6.5,SNR=15			P	
SEY	Seymchan	55.37 14	P	P	01 25 52.7 +1.5
SEY	comp=Z,10m,0.9s,baz=119,slo=21,SNR=5.1			P	
AAK	Ala-Archa	55.66 315	P	P	01 25 53.4 -0.6
KURB	Kurchatov Arr	56.28 325	P	P	01 25 57.5 -0.6
KURB	comp=Z,11.4m,0.9s,baz=126,slo=6.7,SNR=51			P	
BVAR	Borovoye Array	61.87 325	P	P	01 26 37.1 +0.3
BVAR	comp=Z,22m,1.0s,baz=331,slo=6.3,SNR=38			P	
NRKI	Noril'sk	63.93 345	P	P	01 26 49.2 -1.0
NRKI	comp=Z,37m,1.0s,baz=331,slo=24,SNR=8.8			P	
GEYT	Alibek	66.96 307	P	P	01 27 08.4 -2.2
GEYT	comp=Z,6m,0.9s,baz=126,slo=2.0,SNR=13			P	
AKTO	Aktubinsk	68.32 320	P	P	01 27 19.3 -1.1
AKTO	comp=Z,38m,0.8s,baz=84,slo=8.1,SNR=32			P	
SVWZ	Sparrevohr	74.73 29	eP	P	01 27 58.2 +1.0
SVWZ	Old Herbar	75.89 34	eP	P	01 28 04.5 +2.2
OKAR	Koldi Island	76.01 33	P	P	01 28 05.6 -1.0
KDAD	Kidial Island	76.01 33	P	P	01 28 05.6 -1.0
IM3	Indian Mountain	76.03 24	eP	P	01 28 00.3 -4.3
PPLA	Purkeypile	76.47 28	eP	P	01 28 11.5 +4.2
GOC	Gronzyr	76.50 312	eP	P	01 28 07.5 -0.1
SKT	Skvetska	77.73 29	eP	P	01 28 08.5 -0.2
KTH	Kantishna Hill	77.07 27	eP	P	01 28 11.3 +0.7
TRF	Thorafore Mount	77.35 27	eP	P	01 28 15.3 +3.0
PMR	Palmer	77.86 29	eP	P	01 28 14.3 -0.6
PMR	Palmer	77.86 29	eP	P	01 28 14.3 -0.6
MDM	Murphy Dome	78.28 26	eP	P	01 28 17.3 0.0
GOF	Gofitskye	78.39 314	P	P	01 28 18.9 +0.7
KBZ	Khabaz	78.58 313	P	P	01 28 19.2 0.0
KBZ	comp=Z,45m,1.0s,baz=82,slo=4.7,SNR=35			P	
ILAR	Eielson Array	78.86 26	P	P	01 28 20.4 -0.1
ILAR	comp=Z,8m,0.9s,baz=105,slo=5.4,SNR=12			P	
BMRM	Bremner River	80.06 30	eP	P	01 28 27.9 +0.8
SCRK	Sand Creek	80.15 27	eP	P	01 28 27.3 -0.3
MOS	Moscow	84.10 325	eP	P	01 28 32.3 -0.1
MOS				P	01 28 42.8
MOS	comp=Z,500m,1.7s			Pmax	Pmax
MOS	comp=Z,295m,1.4s			Pmax	Pmax
OBN	Obninsk	81.71 325	iP	P	01 28 33.0 -2.9
OBN	Obninsk	81.71 325	iP	P	01 28 36.9 +0.9
APA	Apalitiy	81.72 337	iP	P	01 28 37.5 +1.8
ANN	Anapa	82.38 314	eP	P	01 28 40.0 +0.3
INK	Inuvik	83.74 22	P	P	01 28 45.8 -0.5
OPO	Opobidart Array	83.88 250	P	P	01 28 46.0 -2.1
OPO	comp=Z,8.6m,0.8s,baz=95,slo=7.3,SNR=8.6			P	
SPITS	Spitsbergen Arr	83.89 349	P	P	01 28 45.5 -1.4
SPITS	comp=Z,7.7m,0.7s,baz=108,slo=9.3,SNR=8.5			P	
ARCES	ARCCESS Array B				

Table with columns: Code, Station Name, Az, El, P, PKP, Time, Res. Includes stations like BARC Barichara, ROSC El Rosal, SDV Santo Domingo, etc.

IDC 01 01:20:33.9,0.3, 10.51N, 126.74E, h0km, mb5.0/52

mb1 5.1/55, mb1mx5.0/68, mbtmp5.0/55, ML4.5/3, MS4.8/6, Ms1 4.8/6, ms1mx4.1/62, Error ellipse: s-maj=12.0km

s-min=7.9km az=77.0

ISCJB 01 01:20:35.0,0.9, 10.54N, 126.88E, 0.02, h20km, 6km, mb5.1/201, MS5.1/14, Error ellipse: s-maj=3.5km

s-min=3.2km az=9.9

BUJ 01 01:20:35.1, 10.30N, 127.08E, h35km, mb5.1/58, MB5.6/42, MS5.2/48, Ms7 5.1/46

MOS 01 01:20:36.0,0.9, 10.50N, 126.77E, h27km, mb5.4/83, MS4.9/5, Error ellipse: s-maj=8.8km s-min=4.8km az=114.1

DJA 01 01:20:36.3,0.6, 11.1N, 126.7E, h12km, 3km, M5.5/27, mb5.9/13, mb5.4/27, Mw(mb)5.5/13

MAN 01 01:20:37.3, 10.59N, 126.90E, h45km, mb5.6, ML4.6, MS4.9

NEIC 01 01:20:38.3,0.9, 10.53N, 126.81E, h29km, 6km, mb5.3/100, Error ellipse: s-maj=3.4km s-min=2.5km az=81.0

GCMT 01 01:20:39.3,0.2, 10.55N, 126.96E, 0.02, h19km, MW5.4/104, Moment Tensor Solution. s42,c52; s104,c179; Duration: 1s3 Moment tensor: Scale 10^17 Nm; Mw=1.94±.09; Ms=0.54±.05; Msb=1.39±.06; Mb=0.02±.11; Mb=0.39±.03; Mb=0.36±.09; Best double couple: Mo=1.77800x10^17 Np1.3616200000, s51.000000, l=86.000000, NP2.3363600000, s40.000000, l=94.000000. Principal axes: T 1.5780, Plg6.0000, Azm249.0000; N 0.3940, Plg3.0000; Azm339.0000; P -1.9780, Plg4.0000; Azm95.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

KLM 01 01:20:41.0, 10.71N, 126.44E, h10km, mb5.4

ISC 01 01:20:39.2,0.8, 10.55N, 126.88E, 0.04, h35km, 3km, m673, s1919/710, mb5.2/198, MS5.0/14, 37C-21D, Philippine Islands region

Table with columns: Code, Station Name, Az, El, P, PKP, Time, Res. Includes stations like BORON, PALO, BUTP, etc.

Table with columns: Code, Station Name, Az, El, P, PKP, Time, Res. Includes stations like JAGI Jajag, Banyuwana, JNU Naksute, WHN Wuhan, etc.

Table with columns: Code, Station Name, Az, El, P, PKP, Time, Res. Includes stations like KCSI Kotacane, LHMI Lhok Sumawe, LHMI Lhok Sumawe, etc.

1d 1h

2012 SEP

CJR	Cluj-Napoca	91.34 318	↑P	P	01 33 42.3 +0.7
CJR	Cluj-Napoca	91.34 318	↑P	P	01 33 42.3 +0.7
UZH	Uzhgorod	91.62 320	eP	P	01 33 43.1 +0.3
UZH	Uzhgorod	91.62 320	eP	P	01 33 43.1 +0.3
DRGR	91.91 318	↑P	P	01 33 44.4 +0.1	
DRGR	91.91 318	↑P	P	01 33 44.4 +0.1	
CRVS	Cervencia-Dubn	92.06 320	eP	Pmax	01 33 45.4 +0.6
CRVS	Cervencia-Dubn	92.06 320	eP	Pmax	01 33 45.4 +0.6
HFS	Hagfors	92.08 323	eP	P	01 33 43.4 -1.3
NC401	NORSAR Array S	92.50 334	eP	P	01 33 45.9 -0.8
NC405	NORSAR Array S	92.53 334	eP	P	01 33 45.9 -0.9
NC402	NORSAR Array S	92.54 334	eP	P	01 33 46.3 -0.5
NC400	NORSAR Array S	92.54 334	eP	P	01 33 46.3 -0.5
NC301	NORSAR Array S	92.55 334	eP	P	01 33 46.0 -0.9
NC305	NORSAR Array S	92.57 334	eP	P	01 33 46.2 -0.8
NC302	NORSAR Array S	92.58 334	eP	P	01 33 46.2 -0.8
NC300	NORSAR Array S	92.59 334	eP	P	01 33 46.5 -0.5
NC304	NORSAR Array S	92.61 334	eP	P	01 33 46.3 -0.9
NC303	NORSAR Array S	92.62 334	eP	P	01 33 46.0 -1.2
NB2	NORSAR Subarra	92.78 334	eP	P	01 33 46.0 -1.9
NB2	NORSAR Subarra	92.78 334	eP	P	01 33 46.0 -1.9
NB2	NORSAR Subarra	92.78 334	eP	P	01 33 46.0 -1.9
NOA	NORSAR Array B	92.78 334	eP	P	01 33 46.4 -1.5
NOA	NORSAR Array B	92.78 334	eP	Pmax	01 33 46.4 -1.5
NC201	NORSAR Array S	92.78 334	eP	P	01 33 47.2 -0.8
NC202	NORSAR Array S	92.81 334	eP	P	01 33 47.3 -1.0
VTS	Vitosha	92.81 314	↑P	P	01 33 47.8 -0.6
VTS	Vitosha	92.81 314	↑P	P	01 33 49.2 +0.6
VTS	Vitosha	92.81 314	↑P	Pmax	01 33 49.2 +0.6
NC205	NORSAR Array S	92.81 334	eP	P	01 33 47.3 -0.8
NC200	NORSAR Array S	92.83 334	eP	P	01 33 47.4 -0.8
NC203	NORSAR Array S	92.84 334	eP	P	01 33 47.4 -0.8
SANT	Santorini	92.85 308	↑P	P	01 33 37.9 -1.1
NC204	NORSAR Array S	92.86 334	eP	P	01 33 47.5 -0.6
NA005	NORSAR Array S	92.83 314	eP	P	01 33 47.1 -1.3
YKW3	Yellowknife Ar	93.22 24	eP	P	01 33 49.5 -0.4
YKA	Yellowknife Ar	93.26 24	eP	P	01 33 50.2 +0.1
YKBS	Yellowknife Ar	93.26 24	eP	P	01 33 49.9 -0.1
YVHS	Yvonne	93.83 321	eP	Pmax	01 33 53.7 +0.7
YVHS	Yvonne	93.83 321	eP	Pmax	01 33 53.7 +0.7
YVHS	Yvonne	93.83 321	eP	Pmax	01 33 53.7 +0.7
DPC	Dobruska-Polom	94.68 323	eP	P	01 34 02.1 +5.2
DPC	Dobruska-Polom	94.68 323	eP	P	01 34 02.1 +5.2
VRAC	Vranov	94.91 322	LR	LR	02 19 02.9
ITM	Ithome	95.35 309	eP	P	01 33 59.5 -0.7
D03D	Eldon	95.42 40	eP	P	01 34 02.0 +1.7
PDG	Podgorica	95.63 315	↑P	P	01 34 00.8 -0.6
E04D	Cinebra	96.12 41	eP	P	01 34 04.9 +1.4
CLL	Collm	96.22 325	eP	P	01 34 03.0 -0.8
CLL	Collm	96.22 325	eP	P	01 34 15.0 +0.1
CLL	Collm	96.22 325	eP	P	01 34 07.0 +0.2
CLL	Collm	96.22 325	eP	P	01 34 03.0 -0.8
KHC	Kasperske Hory	96.80 323	eP	P	01 34 15.0 +0.1
KHC	Kasperske Hory	96.80 323	eP	P	01 34 15.8 -1.9
KHC	Kasperske Hory	96.80 323	eP	P	01 34 07.0 +0.4
KHC	Kasperske Hory	96.80 323	eP	P	01 34 15.8 -1.9
KHC	Kasperske Hory	96.80 323	eP	P	01 34 06.5 -0.4
GERES	GERESS Array B	96.84 322	eP	LR	02 20 43.1
GERES	GERESS Array B	96.84 322	eP	LR	02 20 43.1
GERES	GERESS Array B	96.84 322	eP	Pmax	01 34 08.0 +1.1
GERES	GERESS Array B	96.84 322	eP	Pmax	01 34 08.0 +1.1
LTY	Liberty	97.05 39	eP	Pdf	01 34 09.0 +1.1
L02D	Cave Junction	97.05 45	eP	Pdf	01 34 10.2 +2.3
B08A	Colville Reser	97.41 38	eP	Pdf	01 34 10.0 +0.5
NEW	Newport	97.78 37	eP	Pdf	01 34 15.6 0.0
NEW	Newport	97.78 37	eP	Pdf	01 34 15.6 0.0
NEW	Newport	97.78 37	eP	Pmax	01 34 15.6 0.0
NEW	Newport	97.78 37	eP	Pmax	01 34 15.6 0.0
SYO	Syowa Base	98.79 201	↑P	Pdf	01 34 14.0 -0.9
SYO	Syowa Base	98.79 201	↑P	Pdf	01 34 25.4 +1.0
WLF	Wallerdange	100.85 325	↑P	Pdf	01 34 24.1 -0.5
DOU	Dourbes	101.49 326	↑P	Pdf	01 34 27.7 +0.2
NVAR	Mina Array Bea	102.22 47	eP	Pdf	01 34 33.4 +2.1
HLID	Halley	102.62 41	eP	Pdf	01 34 34.6 +1.7
ISA	Isabella, Lake	103.20 49	eP	Pdf	01 34 34.9 -0.6
BOZ	Bozeman (W)	103.36 38	eP	Pdf	01 34 35.1 -1.1
DUG	Dugway, Tooele	105.26 43	eP	Pdf	01 34 45.4 +0.7
DUG	Dugway, Tooele	105.26 43	eP	Pdf	01 34 45.4 +0.7
PDAR	Pinedale Array	106.10 40	PKKP	PKKP	01 50 36.6 +2.3
CCUT	Cedar City	106.11 46	eP	PKIKP	01 34 49.7 +1.0
MVCO	Mesa Verde	109.67 44	eP	PKIKP	01 39 08.1 +0.9
S22A	4UR Ranch, Cre	110.52 43	eP	PKIKP	01 39 09.3 +0.4
VNA2	Neumayer-Watz	113.42 195	PKIKP	PKIKP	01 39 12.9 0.0
VNA3	Neumayer Olymp	113.77 194	PKIKP	PKIKP	01 39 13.6 0.0
VNA1	Neumayer-Stat	113.81 195	PKIKP	PKIKP	01 39 13.6 0.0
E9A1	Mellen	114.16 27	eP	PKP	01 39 14.7 -0.5
F39A	Loretta	114.35 28	eP	PKP	01 39 15.3 -0.3
E40A	Wakefield	114.41 27	eP	PKP	01 39 15.7 0.0
D14A	Chassel	114.52 26	eP	PKP	01 39 15.7 -0.1
MNTX	Cornudas Mount	114.70 48	eP	PKP	01 39 17.3 +0.6
F40A	Park Falls	114.71 28	eP	PKP	01 39 15.8 -0.4
K36A	Gilmore City	114.97 33	eP	PKP	01 39 16.4 -0.5
H39A	Augusta	115.10 29	eP	PKP	01 39 16.3 -0.7
F41A	Three Lakes	115.31 27	eP	PKP	01 39 17.3 -0.1
K37A	Belmond	115.31 32	eP	PKP	01 39 17.2 -0.3
J39A	Decorah	115.88 30	eP	PKP	01 39 17.4 -1.2
G42A	Mountain	115.99 27	eP	PKP	01 39 18.4 -0.3
G43A	Wallace	116.31 27	eP	PKP	01 39 18.5 -0.8
L39A	Vinton	116.61 31	eP	PKP	01 39 19.5 -0.5
K40A	Colesburg	116.63 31	eP	PKP	01 39 19.3 -0.8
J41A	Loganville	116.69 29	eP	PKP	01 39 19.5 -0.6
I42A	Draeger Farm	116.81 28	eP	PKP	01 39 19.3 -1.0
JFWS	Jewell Farm	116.91 30	eP	PKP	01 39 19.8 -0.8
M39A	Webster	116.99 32	eP	PKP	01 39 20.5 -0.2
L40A	Anamosa	117.05 31	eP	PKP	01 39 18.8 -2.0
P37A	Lathrop	117.13 35	eP	PKP	01 39 20.8 -0.3
TX31	Lajitas Ar. Si	117.19 49	ePKP	PKP	01 39 21.4 -0.2

TXAR	Lajitas Array	117.19 49	PKP	PKP	01 39 22.0 +0.4
TXAR	Lajitas Array	117.19 49	PKP	PKP	01 40 27.4 -4.3
TXAR	Lajitas Array	117.19 49	PKP	PKP	01 39 22.0 +0.4
J43A	comp-Z, 1.0nm, 0.5s	117.43 28	eP	PKP	01 39 20.1 -1.5
K42A	Prairie Point,	117.45 29	eP	PKP	01 39 20.5 -1.1
P38A	Dawn	117.56 34	eP	PKP	01 39 21.8 -0.1
WMOI	Wichita Mounta	117.57 42	eP	PKP	01 39 21.3 -0.8
P39B	Salisbury	118.09 34	eP	PKP	01 39 22.2 -0.7
Q39A	Willow Grove F	118.28 35	eP	PKP	01 39 22.7 -0.6
R38A	Fenwick Farm,	118.34 36	eP	PKP	01 39 23.0 -0.4
N41A	Yates City	118.57 31	eP	PKP	01 39 23.7 -0.1
O42A	Pasleys Farm,	118.65 32	eP	PKP	01 39 23.8 -0.1
S38A	Stockton	118.72 36	eP	PKP	01 39 23.9 -0.3
R39A	Chumby, Stover	118.75 35	eP	PKP	01 39 23.5 -0.7
Q40A	Laux Farm, Aux	118.81 34	eP	PKP	01 39 23.9 -0.4
T38A	Diamond	118.90 37	eP	PKP	01 39 23.8 -0.8
S39A	Bolivar	119.02 36	ePKP	PKP	01 39 24.3 -0.5
S39A	Bolivar	119.02 36	ePKP	PKP	01 39 24.1 -0.6
R40A	Mansfield Statio	119.20 35	ePKP	PKP	01 39 24.6 -0.4
R40A	Maddies Statio	119.20 35	eP	PKP	01 39 23.9 -1.2
Q41A	Truxton	119.30 33	eP	PKP	01 39 25.5 +0.3
P42A	Winchester	119.32 32	eP	PKP	01 39 25.3 0.0
JCT	Junction City	119.38 46	ePKP	PKP	01 39 26.1 +0.3
JCT	Junction City	119.38 46	ePKIKP	PKP	01 39 26.1 +0.3
JCT	Junction City	119.38 46	eP	PKP	01 39 25.6 -0.1
T39A	Cleaver	119.44 36	eP	PKP	01 39 25.0 -0.7
S40A	Lebanon	119.55 35	eP	PKP	01 39 25.4 -0.4
R41A	Rosebud	119.69 34	eP	PKP	01 39 26.0 -0.1
P43A	Skaggs, Pawnee	119.71 32	eP	PKP	01 39 26.3 +0.3
LATO	La Tuque	119.73 15	eP	PKP	01 39 25.8 0.0
U39A	Green Forest	119.82 37	eP	PKP	01 39 25.3 -1.1
T40A	Mansfield	119.85 36	eP	PKP	01 39 25.6 -0.8
Q44A	Mansfield	119.86 31	eP	PKP	01 39 25.6 -0.7
CCM	Cathedral Cave	119.94 34	eP	PKP	01 39 26.2 -0.3
S41A	Jilco Farms,	119.99 35	eP	PKP	01 39 26.0 -0.7
L47A	Sherwood	120.01 27	eP	PKP	01 39 26.1 -0.4
V39A	Pettigrew	120.09 38	eP	PKP	01 39 25.2 -1.7
WHTX	Lake Whitney,	120.12 43	eP	PKP	01 39 27.4 +0.4
Q43A	New Douglas	120.13 33	eP	PKP	01 39 26.0 -0.9
U40A	Yellville	120.21 37	eP	PKP	01 39 26.3 -0.8
P44A	San Creek, Wi	120.30 31	eP	PKP	01 39 25.7 -1.4
T41A	Mountain View	120.36 35	eP	PKP	01 39 26.4 -1.0
L48A	Ida	120.37 27	eP	PKP	01 39 26.8 -0.5
S42A	Caledonia	120.39 34	eP	PKP	01 39 26.3 -1.1
W39A	Magazine	120.44 38	eP	PKP	01 39 27.4 -0.1
L49A	Milan	120.53 26	eP	PKP	01 39 26.3 -1.3
V40A	Witts Springs	120.60 37	ePKP	PKP	01 39 27.4 -0.6
V40A	Witts Springs	120.60 37	eP	PKP	01 39 26.6 -1.3
X39A	Fountain Ranch	120.69 39	eP	PKP	01 39 27.1 -1.0
TOAO	Torodi Ar. Sit	120.72 292	ePKP	PKP	01 39 27.6 -1.0
TORD	Torodi Ar. Bea	120.72 292	ePKP	PKP	01 39 27.5 -1.1
TORD	Torodi Ar. Bea	120.72 292	ePKP	PKP	01 39 27.5 -1.1
TORD	Torodi Ar. Bea	120.72 292	ePKP	PKP	01 49 32.2 -0.8
T42A	Van Buren	120.75 35	eP	PKP	01 39 28.0 -0.1
T42A	Van Buren	120.75 35	eP	PKP	01 39 27.2 -0.9
U41A	Viola	120.76 36	eP	PKP	01 39 27.2 -0.9
W40A	Ferguson Farm,	120.87 38	eP	PKP	01 39 29.2 +0.9
833A	Chaparral WMA,	120.89 48	ePKP	PKP	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Saint Thomas, Monte Pirata, Torquist, etc.

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

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

ISCJB 01 01:21:59.6, 1.0, 22°RS, 0.1°38'80E, 0.07, h10km, mb3.8/4, Error ellipse: s-maj=19.1km s-min=9.9km az=178.4, NEIC 01 01:22:00.9, 1.0, 23°03S, 38°91E, h10km, mb4.0/2, Error ellipse: s-maj=26.6km s-min=11.6km az=164.0, IDC 01 01:22:00.2, 2.1, 22°99S, 38°91E, h0km, mb3.9/3, mb1 4.0/6, mb1mx3.7/62, mbtmp.0/6, ML3.5/3, Error ellipse: s-maj=67.9km s-min=27.2km az=165.0, ISC 01 01:22:01.3, 1.1, 22°99S, 0.1°38'69E, h10km, n18, c=293/20, mb3.8/4, Mozambique Channel

ISCJB 01 01:37:31.1, 1.0, 14°15'N, 126°18'E, h0km, mb4.5/36, mb1 4.6/38, mb1mx4.5/59, mbtmp.4/538, ML4.0/2, MS4.0/3, Ms1 4.0/3, ms1mx3.3/61, Error ellipse: s-maj=16.6km s-min=9.0km az=73.0, IDC 01 01:37:32.5, 1.4, 10°53'N, 0°03', 126°92E, 0.03, h19km, 10km, mb4.5/79, MS4.0/2, Error ellipse: s-maj=5.4km s-min=4.5km az=149.3, DJA 01 01:37:33.1, 1.1, 11°N, 117°12'E, h10km, M5.2/13, mb5.8/6, mb5.0/13, Mw(m)B5.3/6, MAN 01 01:37:33.1, 1.0, 10°57'N, 126°96E, h34km, mb5.2, ML4.2, MOS 01 01:37:33.2, 1.1, 10°41'N, 126°18'E, h27km, mb5.1/29, Error ellipse: s-maj=12.7km s-min=6.3km az=123.2, NEIC 01 01:37:34.9, 2.3, 10°44'N, 126°18'E, h27km, 16km, mb4.7/13, Error ellipse: s-maj=7.0km s-min=4.1km az=71.0, ISC 01 01:37:34.2, 0.8, 10°47'N, 0°04', 126°93E, 0.05, h19km, 10km, n195, c1547/178, mb4.6/79, 23C-14D, Philippine Islands region

ISCJB 01 01:37:32.5, 1.4, 10°53'N, 0°03', 126°92E, 0.03, h19km, 10km, mb4.5/79, MS4.0/2, Error ellipse: s-maj=5.4km s-min=4.5km az=149.3, DJA 01 01:37:33.1, 1.1, 11°N, 117°12'E, h10km, M5.2/13, mb5.8/6, mb5.0/13, Mw(m)B5.3/6, MAN 01 01:37:33.1, 1.0, 10°57'N, 126°96E, h34km, mb5.2, ML4.2, MOS 01 01:37:33.2, 1.1, 10°41'N, 126°18'E, h27km, mb5.1/29, Error ellipse: s-maj=12.7km s-min=6.3km az=123.2, NEIC 01 01:37:34.9, 2.3, 10°44'N, 126°18'E, h27km, 16km, mb4.7/13, Error ellipse: s-maj=7.0km s-min=4.1km az=71.0, ISC 01 01:37:34.2, 0.8, 10°47'N, 0°04', 126°93E, 0.05, h19km, 10km, n195, c1547/178, mb4.6/79, 23C-14D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OPO Ambohitratompo, OPO, OPO, BLWY Bulawayo, etc.

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

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

IDC 01 01:28:44.0, 0.4, 10°38'N, 126°71'E, h0km, mb4.5/28, mb1 4.5/29, mb1mx4.3/62, mbtmp.4/529, ML4.2/1, Error ellipse: s-maj=23.6km s-min=10.3km az=81.0, MAN 01 01:28:47.0, 1.0, 10°50'N, 126°76E, h15km, mb5.4, ML4.4, MS4.6, NEIC 01 01:28:47.5, 2.7, 10°37'N, 126°73E, h24km, 19km, mb4.6/9, Error ellipse: s-maj=9.5km s-min=4.6km az=79.0, ISC 01 01:28:46.1, 3.0, 10°51'N, 0°05', 126°82E, 0.06, h12km, 18km, n85, c1938/94, mb4.5/42, 5C-4D, Philippine Islands region

DJA 01 01:29:46.0, 0.3, 3°S, 3°11'E, h10km, M3.9/7, MB4.1/1, mb5.0/3, MLV3.3/7, Mw(m)B3.1/1, Sulawesi Code Station Name Az Az' Phase ID Time Res h m s ISC

DJA 01 01:29:46.0, 0.3, 3°S, 3°11'E, h10km, M3.9/7, MB4.1/1, mb5.0/3, MLV3.3/7, Mw(m)B3.1/1, Sulawesi Code Station Name Az Az' Phase ID Time Res h m s ISC

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like APST Ampama, TTSI Tana Toraja, KDI Kendari, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WSI Waingapu, TWSI Taliwang, JAGI Jajau, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CTAO Charters Tower, LSA Lhasa, YSS Yuzh-Sakhalins, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like INK Inuvik, ARCES ARCES Array B, ASF Jabal al Asfar, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MTO3 BOACO BROADBAND, BOAB Mesas, MESS El Apazote, etc.

ADC 01 01:56:27.9, 1.1, 12.52N, 88.02W, h0km, mb3.7/9, mb1.3/9.11, mb1mx3.8/52, mbmp3.7/11, ML3.2/2, Error ellipse: s-maj=69.4km s-min=15.4km az=51.0, ISCJB 01 01:56:28.0, 4.1, 11.92N, 0.04-88.59W, 0.04, h33km, mb4.4/62, MS4.7/1, Error ellipse: s-maj=7.0km s-min=2.1km az=40.5, UCR 01 01:56:29.5, 1.8, 12.01N, 88.56W, h35km, 999km, MD4.4, ML4.1, mb4.5(NEIC), NEIC 01 01:56:30.9, 0.9, 11.97N, 88.51W, h40km, 8km, mb4.5/67, Error ellipse: s-maj=10.4km s-min=6.6km az=208.0, ISC 01 01:56:30.8, 0.6, 12.01N, 0.06-88.53W, 0.06, h33km, nt279, c1211/283, mb4.5/62, 1C-2D, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CSGN Cosiguina Volc, CSNG Cosiguina Volc, LCY Lacayo, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Z40A Long Farm, Mag, Z53A Montolio, Z54A Sparta, etc.

Y48A	Hartselle	22.38	3	P	P	02 01 27.5 +1.1
Y54A	Tignall	22.39	13	P	P	02 01 27.4 +1.0
X47A	Russellville	22.41	1	P	P	02 01 27.5 +0.9
X49A	Woodville	22.49	5	P	P	02 01 28.3 +0.8
X40A	Basin Creek Fa	22.72	351	eP	P	02 01 28.4 -1.5
X40A	Basin Creek Fa	22.72	351	eP	P	02 01 30.1 +0.2
PLAL	Pickwick Lake	22.87	1	eP	P	02 01 31.1 -0.4
X52A	Dahlonega	22.88	10	P	P	02 01 31.6 -0.1
X53A	Estonolle	22.89	11	P	P	02 01 31.5 -0.2
MIAR	Mount Ida	22.90	349	eP	P	02 01 31.1 -0.7
MIAR	Mount Ida	22.90	349	eP	P	02 01 32.1 +0.3
ABTX	Ablene, Hawle	22.91	335	eP	P	02 01 31.5 -0.6
ABTX	Ablene, Hawle	22.91	335	eP	P	02 01 31.9 -0.1
UALR	University of	22.93	352	eP	P	02 01 31.2 -0.8
X39A	Fourteen Ranch	22.97	346	P	P	02 01 32.9 +0.3
W48A	Pulaski	23.07	3	P	P	02 01 33.7 +0.1
W49A	Belvidere	23.10	5	P	P	02 01 33.6 -0.2
JSC	Jenkinsville	23.14	15	eP	P	02 01 34.3 0.0
W47A	Westpoint	23.15	2	P	P	02 01 34.3 -0.1
SWET	Sewanee	23.22	5	eP	P	02 01 35.5 +0.4
W50A	Signal Mountai	23.27	7	P	P	02 01 35.7 -0.1
W51A	Cleveland	23.30	8	P	P	02 01 35.1 -0.7
W41B	Gary Mavity, V	23.31	352	eP	P	02 01 35.9 -0.1
W41B	Gary Mavity, V	23.31	352	eP	P	02 01 35.8 -0.1
W52A	Murphy	23.36	10	P	P	02 01 36.2 -0.2
WHAR	Woolly Hollow	23.43	352	eP	P	02 01 37.5 +0.4
W40A	Ferguson Farm,	23.44	351	eP	P	02 01 37.0 -0.2
W40A	Ferguson Farm,	23.44	351	eP	P	02 01 37.0 -0.2
W39A	Magazine	23.57	349	eP	P	02 01 38.8 +0.3
W39A	Magazine	23.57	349	eP	P	02 01 38.3 -0.2
CPCT	Cooper Cave	23.62	8	eP	P	02 01 38.5 -0.4
V49A	McMinnville	23.77	5	P	P	02 01 40.6 +0.2
V42A	Cord	23.83	354	P	P	02 01 41.0 0.0
V41A	Mountainview	23.90	353	P	P	02 01 41.4 -0.2
TKL	Tuckaleechee C	23.93	10	P	P	02 01 41.0 -0.9
TKL	Tuckaleechee C	23.93	10	eP	P	02 01 41.0 -0.9
KMSC	Kings Mountain	23.94	15	P	P	02 01 42.0 0.0
V51A	Loudon	23.99	8	eP	P	02 01 43.0 +0.6
V51A	Loudon	23.99	8	eP	P	02 01 43.2 -0.7
V40A	Witts Springs	24.01	351	eP	P	02 01 42.1 -0.6
V40A	Witts Springs	24.01	351	eP	P	02 01 42.5 -0.1
WVT	Waverly	24.02	1	eP	P	02 01 40.6 -2.2
V53A	Saluda	24.12	11	eP	P	02 01 45.4 +1.7
V53A	Saluda	24.12	11	eP	P	02 01 43.9 +0.2
V52A	Sevierville	24.14	10	eP	P	02 01 44.7 +0.9
V52A	Sevierville	24.14	10	eP	P	02 01 44.5 +0.6
V39A	Pettigrew	24.17	350	P	P	02 01 44.3 +0.1
U46A	Springville	24.25	1	P	P	02 01 43.1 -1.7
U42A	Revdent	24.36	355	P	P	02 01 45.4 -0.4
U41A	Viola	24.42	353	P	P	02 01 46.1 -0.3
WMOK	Wichita Mounta	24.47	339	eP	P	02 01 46.2 -0.8
WMOK	Wichita Mounta	24.47	339	eP	P	02 01 46.7 -0.2
U49A	Red Boiling Sp	24.52	5	P	P	02 01 48.0 +0.7
U50A	Jamestown	24.52	7	P	P	02 01 47.1 -0.3
U40A	Yellville	24.55	352	P	P	02 01 47.3 -0.3
U51A	La Follette	24.60	9	P	P	02 01 48.0 0.0
HHAR	Hobbs	24.65	349	eP	P	02 01 48.3 -0.3
U39A	Green Forest	24.67	350	P	P	02 01 49.4 +0.7
TUL1	Leonard	24.68	346	eP	P	02 01 48.2 -0.6
TUL1	Leonard	24.68	346	eP	P	02 01 49.2 +0.4
U52A	Thorn Hill	24.72	10	P	P	02 01 49.4 +0.2
TZTN	Tazewell	24.84	10	P	P	02 01 49.9 -0.3
U53A	Fall Branch	24.84	11	P	P	02 01 50.5 +0.3
T47A	Sharon Grove	24.90	3	eP	P	02 01 50.8 +0.1
T47A	Sharon Grove	24.90	3	eP	P	02 01 50.9 +0.2
T46A	Princeton	24.93	1	P	P	02 01 51.1 +0.1
MNTX	Cornudas Mount	25.01	324	eP	P	02 01 51.6 -0.2
MNTX	Cornudas Mount	25.01	324	eP	P	02 01 51.0 -0.8
T43A	Greenville	25.02	357	P	P	02 01 52.1 +0.4
T42A	Van Buren	25.02	355	eP	P	02 01 50.2 -1.5
T42A	Van Buren	25.02	355	eP	P	02 01 51.2 -0.6
T41A	Mountain View	25.09	354	P	P	02 01 52.5 0.0
T49A	Edmonton	25.13	6	P	P	02 01 52.7 -0.1
T51A	Gray	25.19	9	P	P	02 01 53.1 -0.3
T39A	Cleaver	25.29	351	P	P	02 01 54.5 +0.2
T40A	Mansfield	25.29	353	P	P	02 01 54.0 -0.3
MSTX	Muleshoe	25.43	332	eP	P	02 01 56.1 +0.4
MSTX	Muleshoe	25.43	332	eP	P	02 01 55.2 -0.5
T38A	Diamond	25.45	349	P	P	02 01 55.6 -0.2
SIUC	Southern Illin	25.60	359	eP	P	02 01 56.6 -0.5
S41A	Jillico Farms,	25.63	354	P	P	02 01 57.1 -0.3
AMTX	Amarillo	25.72	334	eP	P	02 01 58.2 -0.1
AMTX	Amarillo	25.72	334	eP	P	02 01 57.8 -0.5
S40A	Lebanon	25.73	353	P	P	02 01 57.2 -1.0
S49A	Springfield	25.83	6	P	P	02 01 57.8 -1.4

S39A	Bolivar	25.93	351	eP	P	02 01 58.9 -1.2
S39A	Bolivar	25.93	351	eP	P	02 01 59.1 -1.0
S38A	Stockton	25.95	350	P	P	02 01 59.9 -0.4
CCM	Cathedral Cave	26.05	355	eP	P	02 02 00.2 -1.0
CCM	Cathedral Cave	26.05	355	P	P	02 02 00.4 -0.8
R45A	Skylar, Fairri	26.17	0	P	P	02 02 00.4 -1.8
R41A	Roadside	26.30	355	P	P	02 02 02.4 -1.1
R40A	Maddies Statio	26.38	353	eP	P	02 02 02.6 -1.6
R40A	Maddies Statio	26.38	353	P	P	02 02 02.9 -1.2
R39A	Chumby, Stover	26.50	352	P	P	02 02 03.8 -1.4
R38A	Fenwick Farm,	26.51	350	P	P	02 02 04.6 -0.7
Q45A	Warren Harvey,	26.78	1	P	P	02 02 08.3 +0.6
Q44A	Meyer Farm, Va	26.79	359	P	P	02 02 08.2 +0.4
Q40A	Laux Farm, Aux	27.06	354	P	P	02 02 08.1 -2.1
Q39A	Willow Grove F	27.21	352	P	P	02 02 10.2 -1.5
Q38A	Cooks Store, C	27.22	351	P	P	02 02 10.5 -1.2
Q37A	Longview Farm,	27.27	350	P	P	02 02 10.8 -1.4
Q51A	Peebles	27.30	9	P	P	02 02 11.5 -0.9
P44A	Sand Creek, Wi	27.35	360	P	P	02 02 12.0 -0.8
Q52A	Bidwell	27.41	11	P	P	02 02 12.5 -1.0
P48A	Milroy	27.48	5	P	P	02 02 12.9 -1.1
BNM	Barren Site	27.53	326	eP	P	02 02 14.9 +0.1
P40A	Paris	27.59	354	P	P	02 02 14.3 -0.7
P49A	Miami Univ. Ec	27.62	6	P	P	02 02 13.8 -1.5
P39B	Salisbury	27.62	353	P	P	02 02 14.1 -1.2
P38A	Dawn	27.86	352	eP	P	02 02 16.4 -1.1
P38A	Dawn	27.86	352	P	P	02 02 16.1 -1.3
ANMO	Albuquerque	28.04	327	P	P	02 02 18.4 -0.9
ANMO	Albuquerque	28.04	327	eP	P	02 02 19.2 -0.1
O50A	Galbreath	28.36	8	P	P	02 02 20.6 -1.3
N39A	Derby Farms, D	28.97	354	eP	P	02 02 27.6 +0.4
SDCO	Great Sand Dun	29.79	332	eP	P	02 02 35.6 +0.6
L39A	Vinton	30.15	355	P	P	02 02 36.9 -0.9
S22A	4UR Ranch, Cre	30.41	331	P	P	02 02 40.3 -0.2
K39A	Oelwein	30.72	355	P	P	02 02 42.7 -0.1
K37A	Belmond	30.96	353	P	P	02 02 43.5 -1.4
J40A	Soldiers Grove	31.33	357	P	P	02 02 47.9 -0.2
J38A	Wedel Dairy, R	31.38	354	P	P	02 02 46.9 -1.7
J37A	Reedius Farm,	31.49	353	P	P	02 02 47.8 -1.7
ISCO	Idaho Springs	31.54	334	eP	P	02 02 49.4 -1.0
I40A	Norwalk	31.82	357	P	P	02 02 50.6 -1.8
I39A	Houston	31.83	356	P	P	02 02 51.0 -1.6
PV22	Blue Mesa, Par	31.99	329	eP	P	02 02 53.3 -1.0
I37A	Lemond, Waseca	32.16	353	eP	P	02 02 54.3 -1.2
I37A	Lemond, Waseca	32.16	353	eP	P	02 02 54.5 -1.0
ECSD	EROS Data Cent	32.37	349	eP	P	02 02 57.9 +0.6
ECSD	EROS Data Cent	32.37	349	P	P	02 02 56.3 -1.1
H40A	Chillicothe	32.54	358	P	P	02 02 56.2 -2.6
SAML	Samuel	32.69	128	eP	P	02 02 59.9 -0.5
H36A	Jessenland, He	32.78	353	P	P	02 02 59.9 -1.0
H35A	Sunnyside Ranc	32.82	352	P	P	02 03 01.0 -1.9
G38A	Ridgeand	33.17	356	P	P	02 03 02.3 -1.9
G40A	Rib Lake	33.17	358	P	P	02 03 02.5 -1.8
G39A	Holcombe	33.24	357	P	P	02 03 02.8 -2.0
SPMN	Marine on St.	33.30	354	eP	P	02 03 03.2 -2.2
F38A	Piea - Schro	33.95	356	P	P	02 03 10.8 -0.3
E39A	Mellen	34.30	358	P	P	02 03 13.1 -0.9
E38A	The Farm, Brul	34.58	356	eP	P	02 03 16.9 +0.4
E38A	The Farm, Brul	34.58	356	P	P	02 03 14.9 -1.6
LPZA	La Paz	34.61	144	P	P	02 03 20.4 +2.7
PDAR	Pinedale Array	35.67	333	P	P	02 03 27.6 +1.4
REDW	Red Top Meadow	36.72	332	eP	P	02 03 37.0 +1.8
A33A	Warroad	37.25	353	P	P	02 03 37.2 -2.1
NVAR	Mina Array Bea	37.35	320	P	P	02 03 42.6 +2.0
ULM	Lac du Bonnet	38.60	352	P	P	02 03 47.7 -3.0
ULM	Lac du Bonnet	38.60	352	P	P	02 03 48.4 -2.3
MCMT	Melchior Canyo	38.77	332	eP	P	02 03 51.5 -1.0
EGMT	Eagleton	40.05	338	eP	P	02 04 01.9 -1.1
EGMT	Eagleton	40.05	338	P	P	02 04 02.4 -0.6
MSO	Missoula	40.79	333	P	P	02 04 08.6 -0.5
FFC	Flin Flin	43.91	349	eP	P	02 04 33.9 -0.3
BDFB	Brasilia	46.61	123	P	P	02 05 12.3 +0.5
YKA	Yellowknife Ar	53.76	345	P	P	02 05 50.8 +1.1
DLBC	Dease Lake	55.86	335	eP	P	02 06 05.2 +0.1
IL1	Eielson Array	66.00	336	eP	P	02 07 12.7 -1.1
ILAR	Eielson Array	66.00	336	P	P	02 07 13.3 -0.5
MEM	Memph	83.68	40	PP	P	02 08 53.9 -2.3
WLF	Wardange	83.95	41	PP	P	02 09 02.2 +2.5
KSH	Kashi	126.75	15	PKP	PKPdf	02 15 30.2 -1.4
KSH	Kashi			SPKP	PKP	02 15 44.9
KSH	Kashi			PP	PKP	02 17 33.3 +6.0
KSH	Kashi			AMB	AMB	
LZH	Lanzhou	130.76	347	ePKP	PKPdf	02 15 36.0 -3.4
LZH	Lanzhou			pPKP	PKP	02 15 47.3 -2.9
LZH	Lanzhou			SPKP	PKP	02 15 51.2
LZH	Lanzhou			LR	LR	
LZH	Lanzhou			LR	LR	
LZH	Lanzhou			LR	LR	

comp=Z,140nm,20.1s	CMAR	Chiang Mai Arr	148.84	346	PKPbc	PKPbc	02 16 16.9 +0.9
comp=Z,1.2nm,0.3s,baz=328,slow=3.3,SNR=5.6							
IDC 01 02:15:53.7,0.6,10.53N,126.88E,h0km,mb4.1/20,mb1.4,2/20,mb1mx4.0,56,mbmp4.1/20,Error ellipse: s-maj=31.1km s-min=12.0km az=73.0							
ISCJB 01 02:15:54.8,0.4,10.54N,126.96E,0.10,h20km,mb4.0/2,Error ellipse: s-maj=14.5km s-min=8.3km az=157.8							
NEIC 01 02:15:58.6,4.2,10.54N,126.89E,h33km,29km,mb4.2/2,Error ellipse: s-maj=14.3km s-min=5.9km az=72.0							
ISC 01 02:15:56.8,0.5,10.55N,126.96E,0.1,h20km,n35,e070/37,mb4.1/22,2C,Philippine Islands region							
Code	Station Name	A°	AZ°	Phase ID	Time	Res	ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Baumata, Pangkal Pinang, Enshi, Mjarsuhiro, etc.

IDC 01 03:19:16.2.0.6, 10.50N, 126.187E, h0km, mb4.3/21, mb1.4/3/21, mb1mx4.2/60, mbtmp4.3/21, Error ellipse: s-maj=27.4km s-min=13.6km az=80.0

ISCBJ 01 03:19:17.6.0.5, 10.55N, 126.08E, h0km, 10.1, h20km, mb4.2/23, Error ellipse: s-maj=14.1km s-min=11.4km az=6.5

NEIC 01 03:19:21.6.0.4, 10.54N, 126.91E, h35km, mb4.2/2, Error ellipse: s-maj=15.8km s-min=9.1km az=79.0

ISC 01 03:19:4.0.5, 10.53N, 126.01E, h20km, n57, r1506/62, mb4.3/23, Philippine Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Vanda, Wjarsuhiro, HFS, etc.

IDC 01 03:19:35.9.0.7, 10.69N, 126.67E, h0km, mb4.4/18, mb1.4/5/18, mb1mx4.2/61, mbtmp4.4/18, Error ellipse: s-maj=34.8km s-min=17.2km az=81.0

ISCBJ 01 03:19:39.3.0.5, 10.77N, 126.06E, h0km, 1.1, h33km, mb4.3/23, Error ellipse: s-maj=16.2km s-min=9.2km az=6.4

NEIC 01 03:19:41.1.0.3, 10.71N, 126.70E, h35km, mb4.3/2, Error ellipse: s-maj=14.3km s-min=7.0km az=76.0

ISC 01 03:19:1.1.0.5, 10.79N, 126.07E, h35km, n56, r1502/59, mb4.5/23, 1d, Philippine Islands region

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

IDC 01 03:24:57.3.2.1, 10.51N, 126.73E, h0km, mb3.8/4, mb1.9/4, mb1mx3.4/61, mbtmp3.8/4, Error ellipse: s-maj=198.3km s-min=26.7km az=69.0, Philippine Islands region

ISC 01 03:29:04.0.7, 0.28N, 129.09E, 121.9E, 0.1, h187km, 6km, mb3.4/4, Error ellipse: s-maj=19.3km s-min=14.6km az=158.5

DJA 01 03:29:06.7.0.8, 0.14N, 122.2E, h156km, 6km, M3.1/7, MLV3.1/7

IDC 01 03:29:08.8.14.0, 0.21N, 122.00E, h220km, 160km, mb2.9/4, mb1.3/5, mb1mx2.8/60, mbtmp3.5/5, Error ellipse: s-maj=98.4km s-min=26.2km az=60.0

ISC 01 03:29:04.0.9, 0.35N, 129.09E, 121.9E, 0.1, h175km, 7km, n10, r1510/21, mb3.5/4, Minahasa Peninsula, Sulawesi

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

ISC 01 03:21:22.4.3, 38.73N, 43.18E, h5km, ML2.4/4, Error ellipse: s-maj=4.9km s-min=4.0km az=150.5

DDA 01 03:21:23.2, 38.73N, 43.21E, h7km, ML2.7, Error ellipse: s-maj=8.8km s-min=6.7km az=71.0

ISC 01 03:21:23.7.1.2, 38.73N, 43.19E, 0.03, h4km, 11km, n15, r1520/24, Turkey

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

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

IDC 01 03:21:20.5.0.7, 10.50N, 126.60E, h0km, mb4.2/15, mb1.4/2/15, mb1mx3.9/64, mbtmp4.1/15, Error ellipse: s-maj=38.5km s-min=14.3km az=27.0

ISC 01 03:21:21.1, 10.45N, 126.70E, h6km, mb5.0, ML4.0, MS4.0, Error ellipse: s-maj=20.4km s-min=7.4km az=74.0

NEIC 01 03:21:25.7.0.3, 10.45N, 126.56E, h35km, mb4.0/1, Error ellipse: s-maj=20.4km s-min=7.4km az=74.0

ISC 01 03:21:26.6.0.6, 10.45N, 126.61E, h0km, h4km, n30, r1511/34, mb4.1/15, 1C-D, Philippine Islands region

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

IDC 01 03:31:20.5.0.7, 10.50N, 126.60E, h0km, mb4.2/15, mb1.4/2/15, mb1mx3.9/64, mbtmp4.1/15, Error ellipse: s-maj=38.5km s-min=14.3km az=27.0

ISC 01 03:31:21.1, 10.45N, 126.70E, h6km, mb5.0, ML4.0, MS4.0, Error ellipse: s-maj=20.4km s-min=7.4km az=74.0

NEIC 01 03:31:25.7.0.3, 10.45N, 126.56E, h35km, mb4.0/1, Error ellipse: s-maj=20.4km s-min=7.4km az=74.0

ISC 01 03:31:26.6.0.6, 10.45N, 126.61E, h0km, h4km, n30, r1511/34, mb4.1/15, 1C-D, Philippine Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRAB Tennant Creek, MBWA Marble Bar, ASAR Alice Springs, etc.

PDG 01 03:37:00.1±0.3, 44.22N±17.92E, h3km, ML2.7/13, Error ellipse: s-maj=0.5km s-min=1.0km az=0.0

SAR 01 03:37:01.1±0.2, 44.19N±17.88E, h5km, 1km, ML2.7/11, Error ellipse: s-maj=0.5km s-min=1.0km az=0.0

ISIC 01 03:37:01.0±1.0, 44.22N±17.92E, h3km, gkm, n79, ±105/134, 22C-6D, Northwestern Balkan Peninsula

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BARS Barje, SOKA Soboth, ARSA Arzberg, etc.

WEL 01 03:39:50.6, 40.45S±0.9, 17.6E±1.1, h21km±1km, ML3.6/18, Error ellipse: s-maj=0.5km s-min=1.0km az=0.0

Main station list table for the 2012 SEP section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations.

ISIC 01 03:54:26.9±1.1, 41.18S±129.35E, h0km, mb4.2/7, mb1.4/2.0, mb1mx3.8/6.3, mbmp4.1/1.0, ML3.7/3, Error ellipse: s-maj=46.7km s-min=23.5km az=80.0

ISIC 01 03:54:29.0±0.7, 42.2S±107.129E±0.1, h36km, mb4.0/7, Error ellipse: s-maj=20.0km s-min=9.5km az=12.8

ISIC 01 03:54:31.5±1.0, 43.3S±112.95E±0.2, h36km, n10, ±089/111, mb4.0/1, 1C, Philippine Islands region

Main station list table for the 2012 SEP section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations.

ISIC 01 04:06:15.9±3.1, 3.63N±95.57E, h0km, mb3.9/3, mb1.4/1.5, mb1mx3.5/7.0, mbmp3.9/5.9, ML4.1/2, Error ellipse: s-maj=61.6km s-min=44.9km az=56.0

DJA 01 04:06:19.0±0.4, 5.2N±2.9E±0.6, h10km, M4.0/11, ML4.0/11

ISIC 01 04:06:20.4±0.8, 4.60N±0.05±96.27E±0.07, h33km, mb4.0/3, Error ellipse: s-maj=10.3km s-min=7.1km az=173.4

ISIC 01 04:06:20.4±1.1, 4.63N±0.06±96.26E±0.07, h33km, n16, ±152/116, mb4.0/3, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like LHMI Lhok Sumawe, LHMI Banda Aceh, etc.

ISIC 01 04:15:34.2±0.9, 10.34N±126.73E, h0km, mb4.0/14, mb1.4/1.4, mb1mx3.9/5.8, mbmp4.0/1.4, Error ellipse: s-maj=93.8km s-min=14.5km az=67.0

ISIC 01 04:15:35.2±0.6, 10.42N±126.95E±0.07, h20km, mb4.1/1.4, Error ellipse: s-maj=11.1km s-min=8.1km az=47.7

ISIC 01 04:15:37.2±0.7, 10.44N±126.98E±0.10, h20km, n24, ±0571/26, mb4.2/14, 1C, Philippine Islands region

Main station list table for the 2012 SEP section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations.

ISIC 01 04:17:17.8±1.1, 10.75N±126.85E, h0km, mb3.9/10, mb1.4/0.0, mb1mx3.7/6.1, mbmp3.9/1.0, Error ellipse: s-maj=105.3km s-min=16.4km az=71.0

ISIC 01 04:17:21.0±0.7, 10.77N±126.8E±0.1, h35km, mb3.9/11, Error ellipse: s-maj=19.8km s-min=9.9km az=139.8

NEIC 01 04:17:23.1±0.5, 10.74N±126.85E, h35km, mb4.3/1, Error ellipse: s-maj=44.3km s-min=8.4km az=72.0

ISIC 01 04:17:23.0±0.7, 10.82N±126.8E±0.1, h35km, n18, ±089/21, mb4.1/11, 1C, Philippine Islands region

Main station list table for the 2012 SEP section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations.

DJA 01 04:32:08.5±0.4, 2.5S±10.2E±1.1, h129km±4km, M4.1/12, mb4.6/1, mb4.3/4, ML4.0/12, Mw(mB)3.8/1, Southern Sumatra

AGP	Aguadilla	12.90	26	ePn	Pn	05 12 42.0	-1.3
AOPJ	Arecibo Observ	13.02	28	ePn	Pn	05 12 41.9	-3.0
SJG	San Juan	13.11	30	P	Pn	05 12 44.9	-1.0
	comp-Z,93nm,0.3s,baz=206,slow=12,SNR=225						
SJG	San Juan	13.11	30	ePn	S	05 14 58.7	-1.3
SJG	San Juan	13.11	30	ePn	S	05 14 58.8	-1.3
GTBY	Guantanamo Bay	13.21	351	ePn	Pn	05 12 48.0	+0.7
FCV	Fort Charlotte	13.23	60	eP	Pn	05 12 53.0	+1.6
EMPR	Esperanza - Ma	13.24	28	ePn	Pn	05 12 46.0	+1.6
SVB	Belmont	13.28	60	eP	Pn	05 12 46.4	-1.7
SVB	Belmont	13.28	60	eP	Pn	05 12 46.7	-1.4
SVB	Belmont	13.28	60	eP	Pn	05 12 55.8	+3.9
HUMP	Col San Antonio	13.29	31	ePn	Pn	05 12 44.9	-3.3
SVV	Soufriere Volc	13.33	60	eP	Pn	05 13 01.4	-1.1
SSV	Crater Summe	13.35	60	eP	Pn	05 12 55.1	+2.2
SVVC	St. Vincent, C	13.37	60	eP	Pn	05 12 51.6	-1.4
CBYP	Canovanas	13.39	31	ePn	Pn	05 12 47.5	-2.0
SFAN	Fancy Village	13.39	60	eP	Pn	05 12 52.5	-0.8
WTP	Monte Pirata	13.40	32	ePn	Pn	05 12 46.7	-3.0
CDVI	St. Croix	13.56	36	ePn	Pn	05 12 48.0	-3.7
BOACO	BOACO BROADBA	16.5	295	ePn	Pn	05 12 51.9	-1.0
SLDE	Delcer	13.69	58	eP	P	05 12 55.2	-1.4
SLB	Belford	13.72	58	eP	P	05 12 55.5	-1.5
CUPR	Culebra, Puert	13.72	33	ePn	Pn	05 12 52.2	-1.4
SLPA	Patiere	13.84	59	ePn	Pn	05 12 56.5	+1.3
SLW	Petit Monier	13.89	58	ePn	Pn	05 13 01.0	-1.1
STVI	Saint Thomas	13.94	34	ePn	Pn	05 12 53.8	-2.6
FDV	Fort de France	14.10	55	ePn	Pn	05 12 55.4	-3.1
FDV	Fort de France	14.10	55	ePn	Pn	05 12 56.3	-2.1
FDV	Fort de France	14.10	55	ePn	Pn	05 12 56.6	-1.9
FDV	Fort de France	14.14	51	ePn	Pn	05 12 55.1	-3.1
BBL	Barber's Block	14.29	52	eP	Pn	05 12 59.8	-1.0
BBL	Barber's Block	14.29	52	eP	Pn	05 13 09.4	+6.2
MDPO	Dominica; Chan	14.33	51	eP	Pn	05 13 00.2	-1.1
MDPO	Dominica; Chan	14.33	51	eP	Pn	05 13 00.4	-0.9
MDPO	Dominica; Chan	14.33	51	eP	Pn	05 13 01.3	+1.0
TBG	Guadaloupe-3	14.35	50	ePn	Pn	05 13 00.8	-0.8
MDPV	Dominica, Penn	14.38	51	ePn	Pn	05 13 03.0	+1.0
MDVC	Dominica, Viel	14.39	51	ePn	Pn	05 13 01.7	-0.4
MDVC	Dominica, Viel	14.39	51	ePn	Pn	05 13 12.1	+7.8
SABA	Saba	14.40	41	ePn	Pn	05 13 00.4	-1.3
SABA	Saba	14.40	41	ePn	Pn	05 13 00.4	-1.3
CBVC	The Bluff, Cay	14.43	334	ePn	Pn	05 13 04.7	-0.1
SEUS	St. Eustatius	14.48	42	ePn	Pn	05 13 02.9	-0.3
SEUS	St. Eustatius	14.48	42	ePn	Pn	05 13 01.9	-1.3
MLYT	Lee's Yard	14.49	46	ePn	Pn	05 13 01.9	-1.5
GDHS	Morne Mizeau,	14.52	44	ePn	Pn	05 13 02.2	-1.2
NVRH	Round Hill, Ne	14.52	44	ePn	Pn	05 13 02.7	-1.0
ESTN	Estel	14.54	297	ePn	Pn	05 13 02.9	-1.2
ESTN	Estel	14.54	297	ePn	Pn	05 13 00.6	-3.5
ABVI	Aneгада Island	14.59	35	ePn	Pn	05 13 04.3	-0.2
MGG	Marie-Galante	14.64	51	ePn	Pn	05 13 04.5	-0.6
MGG	Marie-Galante	14.64	51	ePn	Pn	05 13 05.1	-0.1
BBGH	Gun Hill	14.70	64	ePn	Pn	05 13 07.2	-0.7
BBGH	Gun Hill	14.70	64	ePn	Pn	05 13 07.4	-0.4
BBGH	Gun Hill	14.70	64	ePn	Pn	05 13 09.5	+1.7
SMCY	Frank Sound, G	14.75	328	ePn	Pn	05 13 07.9	-0.4
FRST	St. Maarten	14.82	40	ePn	Pn	05 13 06.6	-0.9
SMRT	St. Maarten	14.82	40	ePn	Pn	05 14 02.0	+1.5
ATAH	Atahualpa	14.83	201	P	Pn	05 13 09.1	-0.6
	comp-Z,3.0nm,0.3s,baz=37,slow=9.8,SNR=10						
ATAH	Atahualpa	14.83	201	P	Sn	05 15 55.3	+2.0
WBCY	West Bay, Gran	14.92	328	ePn	Pn	05 13 12.3	+1.9
PTGA	Pitinga	15.04	119	P	Pn	05 13 09.5	-0.6
	comp-Z,6.2nm,0.3s,baz=297,slow=14,SNR=105						
PTGA	Pitinga	15.04	119	P	S	05 16 01.7	+0.3
	comp-Z,5.7nm,0.3s,baz=331,slow=22,SNR=2.2						
PTGA	Pitinga	15.04	119	ePn	Pn	05 13 09.1	-1.1
PTGA	Pitinga	15.04	119	ePn	Pn	05 16 01.7	+0.3
DEG	La Desirade	15.07	50	ePn	Pn	05 13 10.6	-0.0
ANWB	Willy Bob	15.41	44	ePn	Pn	05 13 14.0	-0.7
ANWB	Willy Bob	15.41	44	ePn	Pn	05 13 14.1	-0.7
CSGN	Cosiguina Volc	15.56	294	ePn	Pn	05 13 16.9	+0.2
	comp-Z,220nm,0.9s						
SAML	Samuel	18.47	148	eP	P	05 13 48.5	-0.8
	comp-Z,64nm,0.8s						
SAML	Samuel	18.47	148	eP	Pmax	05 13 48.5	-0.8
	comp-Z,64nm,0.8s						
PAYG	Puerto Ayora	18.73	247	ePn	Pn	05 13 54.0	-0.6
	comp-Z,152nm,0.9s						
APG	El Apazote	18.94	297	P	Pn	05 13 54.0	-0.6
	comp-Z,2.0nm,0.3s,baz=127,slow=5.1,SNR=44						
NNA	Nana	19.03	191	P	P	05 13 55.5	0.0
	comp-Z,2.1nm,0.3s,baz=355,slow=8.8,SNR=13						
NNA	Nana	19.03	191	ePn	Pn	05 13 55.4	-0.1
TEIG	Tepeco	19.92	314	ePn	Pn	05 14 06.0	+1.1
	comp-Z,23nm,0.8s						
061Z	Ochoppi	20.40	339	ePn	P	05 14 11.3	+1.3
	comp-Z,112nm,0.8s						
061Z	Ochoppi	20.40	339	P	P	05 14 11.3	+1.3
	comp-Z,134nm,0.7s						
061Z	Ochoppi	20.78	341	P	P	05 14 15.4	+1.4
	comp-Z,158,SNR=5.3						
059Z	Ave Maria	21.02	339	P	P	05 14 18.2	+1.5
	comp-Z,158,SNR=5.1						
060A	Indianatown	21.30	342	P	P	05 14 20.7	+1.1
	comp-Z,160,SNR=1.2s						
MYIG	MORIDA	21.44	313	ePn	Pn	05 14 22.0	+0.9
	comp-Z,393nm,1.2s						
059A	Moore Haven	21.50	340	ePn	Pn	05 14 22.6	+1.0
	comp-Z,86nm,0.7s						
059A	Moore Haven	21.50	340	P	P	05 14 22.9	+1.2
	comp-Z,157,SNR=5.1						
058A	Arcadia	21.81	339	P	P	05 14 26.2	+1.2
	comp-Z,158,SNR=5.1						
959A	Okeechobee	21.92	341	P	P	05 14 27.8	+1.7
	comp-Z,159,SNR=5.4						
859A	Kempfer Castle	22.43	342	P	P	05 14 32.4	+1.4
	comp-Z,159,SNR=7.1						
957A	Wimauma	22.52	338	ePn	Pn	05 14 33.1	+1.2
	comp-Z,295nm,1.4s						
957A	Wimauma	22.52	338	P	P	05 14 33.3	+1.3
	comp-Z,155,SNR=5.4						
DWPF	Disney Wildern	22.65	340	ePn	Pn	05 14 33.8	+0.7
	comp-Z,61nm,0.8s						
DWPF	Disney Wildern	22.65	340	P	P	05 14 34.2	+1.2
	comp-Z,158,SNR=5.3						
858A	St. Cloud	22.72	341	P	P	05 14 35.1	+1.4
	comp-Z,158,SNR=5.3						
857A	Zephyrhills	23.07	339	P	P	05 14 38.0	+1.2
	comp-Z,156,SNR=5.3						
758A	Lake Helen	23.36	342	P	P	05 14 41.2	+1.6
	comp-Z,156,SNR=5.3						
LPAZ	La Paz	23.44	168	P	P	05 14 40.4	-0.6
	comp-Z,18nm,0.7s,baz=350,slow=8.0,SNR=59						
LPAZ	La Paz	23.44	168	P	PP	05 15 11.6	-0.8
	comp-Z,26nm,0.7s,baz=336,slow=13,SNR=5.9						
LPAZ	La Paz	23.44	168	P	SP	05 15 32.9	-0.1
	comp-Z,51nm,0.8s,baz=334,slow=10,SNR=5.6						
LPAZ	La Paz	23.44	168	P	S	05 18 42.5	-0.1
	comp-Z,5.9nm,1.0s,baz=107,slow=21,SNR=1.6						
LPAZ	La Paz	23.44	168	ePn	P	05 14 40.5	-0.5
	comp-Z,22nm,0.8s						
LPAZ	La Paz	23.44	168	ePn	PP	05 15 11.6	-0.8
	comp-Z,158,SNR=5.3						
LPAZ	La Paz	23.44	168	ePn	PP	05 15 32.9	-0.1
	comp-Z,158,SNR=5.3						
LPAZ	La Paz	23.44	168	ePn	S	05 14 40.6	-0.5
	comp-Z,158,SNR=5.3						
LPAZ	La Paz	23.44	168	ePn	PP	05 15 11.6	-0.8
	comp-Z,158,SNR=5.3						
LPAZ	La Paz	23.44	168	ePn	SP	05 15 32.9	-0.1
	comp-Z,158,SNR=5.3						
LPAZ	La Paz	23.44	168	ePn	S	05 18 42.5	-0.1
	comp-Z,158,SNR=5.3						
757A	Oxford	23.63	340	P	P	05 14 43.6	+1.7
	comp-Z,157,SNR=6.7						
CMIG	Matias Romero	23.66	298	P	P	05 14 39.3	-3.2
	comp-Z,5.5nm,0.5s,baz=166,slow=6.5,SNR=15						
CMIG	Matias Romero	23.66	298	P	PP	05 15 17.6	+3.3
	comp-Z,12nm,0.9s,baz=24,slow=18,SNR=2.7						
658A	Bunnell	23.81	342	ePn	P	05 14 45.2	+1.6
	comp-Z,131nm,0.7s						
658A	Bunnell	23.81	342	P	P	05 14 45.3	+1.7
	comp-Z,159,SNR=10						
657A	Interlachen	23.81	341	P	P	05 14 48.5	+1.8
	comp-Z,158,SNR=17						
656A	Williston	24.18	339	ePn	Pn	05 14 48.7	+1.8
	comp-Z,89nm,0.7s						

656A	Williston	24.18	339	P	P	05 14 49.0	+2.0
	comp-Z,156,SNR=12						
557A	Orange Park	24.51	342	P	P	05 14 51.8	+1.8
	comp-Z,159,SNR=17						
655A	Horsehoe Beac	24.57	338	P	P	05 14 52.3	+1.9
	comp-Z,155,SNR=12						
556A	Lake Butler	24.71	340	P	P	05 14 53.8	+1.9
	comp-Z,157,SNR=12						
555A	McAlpin	25.02	339	ePn	Pn	05 14 56.5	+1.9
	comp-Z,63nm,0.7s						
555A	McAlpin	25.02	339	P	P	05 14 56.5	+1.9
	comp-Z,156,SNR=7.3						
457A	Yulee	25.02	342	P	P	05 14 56.6	+2.0
	comp-Z,90,SNR=7.2						
554A	Perry	25.24	338	P	P	05 14 58.4	+1.8
	comp-Z,154,SNR=12						
456A	Hilliard	25.26	342	ePn	Pn	05 14 58.9	+2.1
	comp-Z,120nm,1.0s						
456A	Hilliard	25.26	342	P	P	05 14 58.8	+2.1
	comp-Z,159,SNR=15						
455A	Stateville	25.60	340	P	P	05 15 02.0	+2.1
	comp-Z,156,SNR=21						
553A	Crawfordville	25.62	337	P	P	05 15 01.7	+1.7
	comp-Z,153,SNR=15						

1d 5h

Table with columns: ID, Name, Value, Unit, Status, Date, and other metrics. Includes entries like R58B Mineral, Y44A Strider, Charl, X45A UM Field Stati, etc.

2012 SEP

Table with columns: ID, Name, Value, Unit, Status, Date, and other metrics. Includes entries like 435B Jarrell, 435B Jarrell, MVL Millersville, etc.

22

Table with columns: ID, Name, Value, Unit, Status, Date, and other metrics. Includes entries like JCT Junction City, JCT Junction City, BLO Bloomington, etc.

044A	Mansfield	35.98 340	P	P	05 16 31.1 +0.2
Q41A	Truxton	35.99 336	P	P	05 16 31.4 +0.5
MMNV	Mt. Morris Dam	36.05 354	eP	P	05 16 32.7 +1.3
MMNV			ePcP	PcP	05 18 54.8 +0.8
M48A	Edgerton	36.08 345	P	P	05 16 32.6 +0.9
S38A	Stockton	36.08 331	P	P	05 16 31.6 -0.2
N46A	Monticello	36.10 342	P	P	05 16 32.8 +1.1
P42A	Winches	36.17 337	eP	P	05 16 32.7 +0.2
P42A	Winchester	36.17 337	P	P	05 16 32.9 +0.5
R39A	Chumbo, Stover	36.23 333	P	P	05 16 33.2 +0.2
CPUP	Villa Florida	36.28 156	P	P	05 16 29.9 -3.7
CPUP			pP	P	05 17 05.7 -3.1
CPUP			sP	P	05 17 27.4 -0.2
CPUP			ScP	P	05 22 24.0 -2.0
N45A	Kentliff	36.29 341	P	P	05 16 34.0 +0.5
Q40A	Laux Farm, Aux	36.37 335	P	P	05 16 34.6 +0.5
Q43A	Sugar Creek	36.40 339	P	P	05 16 34.9 +0.5
L49A	Milan	36.44 347	P	P	05 16 35.8 +1.1
L48A	N Adams	36.44 346	P	P	05 16 35.6 +0.9
N44A	Piper City	36.45 341	P	P	05 16 34.9 +0.1
ACCN	Adirondack Com	36.45 359	eP	P	05 16 36.3 +1.5
M46A	Old House Fiel	36.45 343	eP	P	05 16 36.0 +1.1
M46A	Old House Fiel	36.45 343	P	P	05 16 36.0 +1.1
R38A	Fenwick Farm	36.53 332	P	P	05 16 35.5 0.0
P41A	Barry, Barry	36.53 336	P	P	05 16 35.7 +0.2
TXAR	Lajitas Arroyo	36.54 312	P	P	05 16 36.3 +0.4
TXAR			pP	P	05 17 11.3 +0.1
TXAR			PcP	P	05 18 56.8 +0.9
TXAR			S	P	05 22 07.5 +1.3
TXAR			ScP	P	05 22 28.7 +1.5
MEDO	Medina	36.54 353	P	P	05 16 37.1 +1.6
TX31	Lajitas Ar. Si	36.54 312	eP	P	05 16 36.2 +0.3
TX31			ePcP	PcP	05 18 56.9 +1.0
TX31			ePcP	PcP	05 18 57.5 +1.5
WMOK	Wichita Mounta	36.55 323	eP	P	05 16 35.5 -0.3
WMOK	Wichita Mounta	36.55 323	eP	P	05 16 35.5 -0.3
WMOK	Wichita Mounta	36.55 323	P	P	05 16 35.6 -0.3
FFD	Franklin Falls	36.55 2	eP	P	05 16 37.0 +1.4
AAM	Ann Arbor	36.59 347	eP	P	05 16 37.8 +1.8
AAM	Ann Arbor	36.59 347	eP	P	05 16 37.8 +1.8
AAM			pmax	pmax	
AAM			P	P	05 16 37.7 +1.7
Q42A	Bath	36.60 338	P	P	05 16 36.1 0.0
HDIL	Hopedale	36.63 339	eP	P	05 16 36.2 -0.1
HDIL	Hopedale	36.63 339	P	P	05 16 36.2 -0.1
L47A	Sherwood	36.66 345	P	P	05 16 37.4 +0.8
STCO	Stait Catharin	36.67 352	P	P	05 16 38.3 +1.7
M45A	Boilermakers S	36.70 342	P	P	05 16 37.8 +0.8
HNH	Hanover	36.77 1	eP	P	05 16 39.0 +1.6
Q39A	Willow Grove	36.80 334	P	P	05 16 37.9 +0.1
P40A	Paris	36.81 335	eP	P	05 16 37.9 0.0
P40A	Paris	36.81 335	P	P	05 16 38.2 +0.3
GO04	Tololo Observa	36.81 177	eP	P	05 16 37.0 -1.3
O41A	Passleys Farm	36.84 337	P	P	05 16 38.1 0.0
HPIG		36.91 307	eP	P	05 16 39.4 +0.3
N43A	Stutzman Famil	36.93 339	P	P	05 16 38.8 -0.1
M44A	Midewin, Midew	36.95 341	eP	P	05 16 39.0 0.0
M44A	Midewin, Midew	36.95 341	P	P	05 16 39.0 0.0
ELFO	Eginfield	36.98 350	P	P	05 16 40.6 +1.3
Q38A	Cooks Store, C	37.02 333	P	P	05 16 40.1 +0.4
NCB	Newcom	37.05 359	eP	P	05 16 40.9 +1.1
P39B	Salisbury	37.08 334	P	P	05 16 40.1 0.0
TORO	Toronto-Lesli	37.09 352	P	P	05 16 42.0 +1.8
N42A	Yates City	37.14 338	P	P	05 16 40.6 0.0
ACTO	Action	37.19 352	P	P	05 16 42.8 +1.8
O40A	La Belle	37.24 336	P	P	05 16 41.6 +0.2
DRWO	Darlington Wes	37.27 353	P	P	05 16 43.2 +1.5
DRCO	St. Marys Ceme	37.27 353	P	P	05 16 43.0 +1.3
WLVO	Wesleyville	37.28 354	P	P	05 16 43.3 +1.5
M43A	Walham Townsh	37.30 340	P	P	05 16 42.0 +0.1
LBNH	Lisbon	37.32 1	P	P	05 16 43.5 +1.4
Q37A	Longview Farm,	37.34 332	P	P	05 16 42.3 0.0
N41A	Harden Midland	37.34 337	eP	P	05 16 41.8 -0.5
N41A	Harden Midland	37.34 337	P	P	05 16 42.2 -0.1
VT1	Waterbury	37.37 0	eP	P	05 16 44.3 +1.6
PKRO	Pickering	37.40 353	P	P	05 16 44.3 +1.5
P38A	Dawn	37.53 334	eP	P	05 16 43.9 0.0
P38A	Dawn	37.53 334	P	P	05 16 44.1 +0.2
M42A	Sheffield	37.59 339	P	P	05 16 44.2 -0.2
O39A	Kirksville	37.63 335	P	P	05 16 45.0 +0.3
L44A	Lake County Fo	37.63 342	P	P	05 16 45.1 +0.4
LONY	Lake Ozonia	37.71 358	eP	P	05 16 46.4 +1.1
LONY	Lake Ozonia	37.71 358	P	P	05 16 46.6 +1.2
WVL	Waterville	37.74 4	eP	P	05 16 47.0 +1.4
N40A	Mertquake, Sal	37.77 337	P	P	05 16 45.4 -0.5
DELO	Deloro Mine	37.79 355	P	P	05 16 47.2 +1.2
M41A	Milan	37.80 338	P	P	05 16 45.9 -0.3
BASO	Ashfield	37.84 350	P	P	05 16 47.9 +1.5

BWLO	Walkerton	37.85 350	P	P	05 16 48.1 +1.5
P37A	Lathrop	37.86 333	P	P	05 16 46.6 -0.2
L43A	Garden Prairie	37.90 341	P	P	05 16 46.8 -0.1
FRNY	Flat Rock	37.90 359	eP	P	05 16 48.3 +1.4
O38A	Galt	37.91 334	P	P	05 16 47.4 +0.3
BRCO	Bruce Peninsul	38.02 350	P	P	05 16 49.5 +1.5
CLWO	Colwell	38.05 352	P	P	05 16 49.6 +1.4
L42A	Oliver, Polo	38.05 340	eP	P	05 16 47.8 -0.4
L42A	Oliver, Polo	38.05 340	P	P	05 16 48.0 -0.2
EMMW	East Machias	38.09 6	eP	P	05 16 49.7 +1.2
N39A	Derby Farms, D	38.13 336	eP	P	05 16 48.8 -0.1
N39A	Derby Farms, D	38.13 336	P	P	05 16 49.1 +0.1
M40A	Post Highland	38.19 337	P	P	05 16 49.2 -0.3
SADO	Sadowa	38.20 353	eP	P	05 16 50.4 +0.9
K43A	Burlington	38.23 342	eP	P	05 16 49.7 -0.1
K43A	Burlington	38.23 342	P	P	05 16 49.6 -0.1
O37A	Wolfen Farm, M	38.24 334	P	P	05 16 50.0 +0.1
PLVO	Plevna	38.27 355	eP	P	05 16 51.0 +1.0
PLVO	Plevna	38.27 355	P	P	05 16 51.3 +1.3
BANO	Bancroft	38.32 354	P	P	05 16 51.6 +1.1
BMRO	Merriville Lake	38.35 351	P	P	05 16 51.8 +1.2
N38A	Joes South For	38.36 335	P	P	05 16 51.0 +0.1
MOQ	Mont Orford	38.38 1	eP	P	05 16 52.5 +1.4
MOQ	Mont Orford	38.38 1	ePcP	PcP	05 19 01.9 +0.7
L41A	Preston	38.40 339	P	P	05 16 51.0 -0.2
AMTX	Amarillo	38.43 321	eP	P	05 16 52.4 +1.0
AMTX	Amarillo	38.43 321	P	P	05 16 52.4 +0.8
PKME	Peaks-Kenny Pk	38.47 4	eP	P	05 16 53.0 +1.3
PKME	Peaks-Kenny Pk	38.47 4	P	P	05 16 52.9 +1.3
M39A	Webster	38.51 337	P	P	05 16 52.1 0.0
KSU1	Kansas State U	38.55 330	eP	P	05 16 52.2 -0.2
KSU1	Kansas State U	38.55 330	P	P	05 16 52.3 -0.2
MSTX	Muleshoe	38.55 319	eP	P	05 16 52.9 +0.2
MSTX	Muleshoe	38.55 319	ePcP	PcP	05 19 03.2 +1.2
MSTX	Muleshoe	38.55 319	P	P	05 16 53.1 +0.3
GGN	Saint George	38.56 7	eP	P	05 16 53.8 +1.3
ORIO	Orleans, Innes	38.57 357	P	P	05 16 53.6 +1.1
HAL	Halifax	38.59 11	eP	P	05 16 54.0 +1.3
HAL	Halifax	38.59 11	eP	P	05 16 54.0 +1.3
HAL			pmax	pmax	
GD12	Guadalupe Moun	38.60 315	eP	P	05 16 54.4 +1.3
K42A	Prairie Point,	38.63 341	P	P	05 16 53.0 -0.1
L40A	Anamosa	38.65 338	eP	P	05 16 52.9 -0.4
L40A	Anamosa	38.65 338	P	P	05 16 53.1 -0.2
ALFO	Alfred	38.73 358	P	P	05 16 55.2 +1.4
N37A	Lee Farris, Mou	38.75 334	eP	P	05 16 54.1 -0.1
N37A	Lee Farris, Mou	38.75 334	ePcP	PcP	05 19 03.0 +0.6
N37A	Lee Farris, Mou	38.75 334	P	P	05 16 54.1 -0.1
K41A	Shullsburg	38.80 340	P	P	05 16 54.4 -0.1
J43A	Natural Harves	38.88 342	P	P	05 16 55.3 +0.2
BUKO	Buck Lake	38.90 353	P	P	05 16 56.5 +1.2
PEMO	Pembroke	39.01 355	P	P	05 16 56.5 +1.1
KLBO	Killbuck Provi	39.02 352	P	P	05 16 55.7 +0.2
TOBO	Tobermory, Bru	39.09 350	P	P	05 16 57.2 +1.2
L39A	Vinton	39.09 337	P	P	05 16 55.9 -0.3
J42A	Columbus	39.04 341	P	P	05 16 56.6 +0.1
MNTX	Cornudas Mount	39.05 314	eP	P	05 16 57.5 +0.7
MNTX	Cornudas Mount	39.05 314	P	P	05 16 57.4 +0.6
JFWS	Jewell Farm	39.05 340	eP	P	05 16 56.5 -0.1
JFWS	Jewell Farm	39.05 340	ePcP	PcP	05 19 04.2 +1.0
JFWS	Jewell Farm	39.05 340	e	P	05 19 04.2
JFWS	Jewell Farm	39.05 340	pmax	pmax	
JFWS	Jewell Farm	39.05 340	P	P	05 16 56.9 +0.3
RCBR	Riachuelo	39.13 108	eP	P	05 16 58.7 +1.0
K40A	Colesburg	39.17 339	P	P	05 16 57.3 -0.3
SLBS	Sierra La Lagu	39.20 299	eP	P	05 16 59.8 +1.6
GLMI	Grayingl	39.21 347	eP	P	05 16 58.8 +0.9
GLMI	Grayingl	39.21 347	P	P	05 16 58.5 +0.6
I43A	Langenfeld Bro	39.25 343	P	P	05 16 58.5 +0.2
SCIA	State Center	39.29 336	eP	P	05 16 58.9 +0.3
SCIA	State Center	39.29 336	P	P	05 16 58.8 +0.3
TRQ	Trumbull	39.31 358	eP	P	05 16 59.7 +0.9
J41A	Loganville	39.37 340	P	P	05 16 59.2 -0.1
K39A	Olwein	39.45 338	P	P	05 16 59.4 -0.6
I42A	Dräger Farm	39.49 342	eP	P	05 17 00.4 +0.2
I42A	Dräger Farm	39.49 342	P	P	05 17 00.5 +0.3
LMN	California Moun	39.56 9	eP	P	05 17 01.6 +0.8
LMN	California Moun	39.56 9	ePcP	PcP	05 19 04.8 0.0
J40A	Soldiers Grove	39.65 340	P	P	05 17 01.4 -0.1
H43A	Windswept, Lux	39.68 343	eP	P	05 17 01.9 +0.2
H43A	Windswept, Lux	39.68 343	P	P	05 17 02.1 +0.4
K38A	Parkersburg	39.74 337	eP	P	05 17 01.9 -0.4
K38A	Parkersburg	39.74 337	P	P	05 17 02.0 -0.2
GBN	Gaysborough	39.75 13	eP	P	05 17 02.5 +0.2
GBN	Gaysborough	39.75 13	ePcP	PcP	05 19 06.1 +0.7
J39A	Decorah	39.93 339	P	P	05 17 03.5 -0.4
H42A	Shiocton	39.93 343	eP	P	05 17 03.9 +0.1
H42A	Shiocton	39.93 343	P	P	05 17 04.0 +0.1
I41A	Arkdale	39.94 341	P	P	05 17 04.1 +0.2

comp=Z,93nm,0.7s					
I41A	Arkdale	39.94 341	P	P	05 17 04.2 +0.2
CBKS	Cedar Bluff	39.96 327	eP	P	05 17 04.2 -0.1
CBKS	Cedar Bluff	39.96 327	eP	pmax	05 17 04.2 -0.1
CBKS			pmax	pmax	
comp=Z,20nm,0.5s					
CBKS	Cedar Bluff	39.96 327	P	P	05 17 04.1 -0.1
PQI	Presque Isle	39.97 5	eP	P	05 17 05.2 +1.1
I40A	Norwalk	40.04 340	P	P	05 17 04.8 +0.1
L36A	Harm Buss Farm	40.05 335	P	P	05 17 04.6 -0.2
F46A	Macinaw City C	40.14 347	P	P	05 17 06.5 +1.0
K37A	Bethorn	40.18 336	P	P	05 17 05.6 -0.4
J38A	Wedel Dairy, R	40.20 338	P	P	05 17 05.4 -0.7
F45A	Houston	40.23 346	P	P	05 17 07.1 +0.9
I39A	Houston	40.32 339	eP	P	05 17 06.6 -0.5
I39A	Houston	40.32 339	P	P	05 17 06.8 -0.3
H41A	Junction City	40.37 342	eP	P	05 17 07.6 +0.1
H41A	Junction City	40.37 342	P	P	05 17 07.6 +0.1
G43A</					

SRIG	Santa Rosalia	42.41 304	eP	P	05 17 25.8 +1.5
SDCO	Great Sand Dun	42.62 321	eP	P	05 17 27.5 +1.2
SDCO	Great Sand Dun	42.62 321	P	P	05 17 27.5 +1.2
OGNE	Ogallala	42.72 327	eP	P	05 17 27.1 +0.3
E38A	The Farm, Brul	42.75 341	eP	P	05 17 26.9 +0.1
E38A	The Farm, Brul	42.75 341	P	P	05 17 26.8 +0.1
MATO	Matagami	43.00 356	P	P	05 17 29.8 +1.1
Q24A	Divide	43.17 323	eP	P	05 17 31.8 +1.0
Q24A	Divide	43.17 323	P	P	05 17 31.7 +1.0
C40A	Isle Royale Na	43.22 344	eP	P	05 17 30.7 +0.2
C40A	Isle Royale Na	43.22 344	P	P	05 17 30.9 +0.4
TUC	Tucson	43.33 311	eP	P	05 17 32.5 +0.8
TUC	Tucson	43.33 311	eP	pP	05 18 07.8 -0.2
TUC	Tucson	43.33 311	eP	pP	05 17 32.6 +0.8
TUC	Tucson	43.33 311	eP	pP	05 18 07.8 -0.2
TUC	Tucson	43.33 311	eP	pP	05 17 32.5 +0.8
S22A	4UR Ranch, Cre	43.46 320	eP	P	05 17 34.6 +1.6
S22A	4UR Ranch, Cre	43.46 320	eP	pP	05 18 11.5 +2.2
S22A	4UR Ranch, Cre	43.46 320	eP	pP	05 17 34.6 +1.6
X18A	Snowflake	43.79 314	eP	P	05 17 37.1 +1.5
X18A	Snowflake	43.79 314	eP	pP	05 18 12.2 +0.2
SUSD	Miller	43.80 333	eP	pP	05 17 35.0 -0.2
EYMN	Ely	43.92 342	eP	P	05 17 36.2 0.0
EYMN	Ely	43.92 342	P	P	05 17 36.3 +0.1
W18A	Petrified Fore	43.94 315	eP	P	05 17 38.4 +1.6
W18A	Petrified Fore	43.94 315	P	P	05 17 37.1 +0.4
ISCO	Idaho Springs	43.98 323	eP	P	05 17 38.1 +1.0
ISCO	Idaho Springs	43.98 323	eP	pP	05 17 38.1 +1.0
ISCO	Idaho Springs	43.98 323	eP	pmax	05 17 38.1 +1.0
ISCO	Idaho Springs	43.98 323	P	P	05 17 37.2 +0.1
MVCO	Mesa Verde	44.23 318	P	P	05 17 40.5 +1.4
MVCO	Mesa Verde	44.23 318	P	P	05 17 40.2 +1.1
SMCO	Snowmass	44.41 322	eP	P	05 17 41.8 +1.1
214A	Organ Pipe Nat	44.71 309	P	P	05 17 43.5 +0.8
PV01	Paradox Valley	44.80 319	eP	P	05 17 45.4 +1.8
X16A	Lo Mia Camp, P	44.81 313	eP	P	05 17 44.9 +1.2
PHWY	Pilot Hill	44.86 325	eP	P	05 17 44.6 +0.5
N23A	Red Feather La	44.87 324	eP	P	05 17 45.4 +1.3
N23A	Red Feather La	44.87 324	P	P	05 17 44.5 +0.3
PV02	Paradox Valley	44.95 319	eP	P	05 17 46.2 +1.4
PV13	Radium Mtn., P	44.98 319	eP	P	05 17 46.5 +1.5
PV03	Paradox Valley	45.05 319	eP	P	05 17 47.0 +1.5
PV12	Saucer Basin,	45.06 320	eP	P	05 17 46.8 +1.2
PV18	Skein Mesa, Pa	45.08 319	eP	P	05 17 47.4 +1.6
PV11	David Mesa, Pa	45.09 319	eP	P	05 17 47.4 +1.5
PV05	Paradox Valley	45.11 319	eP	P	05 17 47.2 +1.1
PV16	Nyswonger Mesa	45.13 319	eP	P	05 17 47.7 +1.5
PV17	East Wray Mesa	45.14 319	eP	P	05 17 47.5 +1.3
PV19	Morning Glory	45.17 319	eP	P	05 17 48.0 +1.5
PV22	Blue Mesa, Par	45.17 320	eP	P	05 17 47.6 +1.1
PV20	West Nyswonger	45.18 319	eP	P	05 17 48.5 +2.0
C33A	Trial	45.20 338	P	P	05 17 46.1 -0.1
PV14	Lion Creek, Pa	45.23 319	eP	P	05 17 48.4 +1.4
PV10	Paradox Valley	45.24 319	eP	P	05 17 48.6 +1.5
PV23	Carpenter Ridg	45.27 320	eP	P	05 17 48.8 +1.5
WUAZ	Wupatki	45.30 315	eP	P	05 17 48.8 +1.3
WUAZ	Wupatki	45.30 315	P	P	05 17 48.6 +1.1
PV21	Cone Mtn., Par	45.31 320	eP	P	05 17 48.6 +1.0
PV09	Paradox Valley	45.37 320	eP	P	05 17 49.9 +1.7
Y14A	Wickenburg	45.73 312	eP	P	05 17 51.8 +1.0
O20A	White River Ci	45.77 322	eP	P	05 17 52.6 +1.4
O20A	White River Ci	45.77 322	P	P	05 17 52.6 +1.4
113A	Mohawk Valley,	45.78 310	eP	P	05 17 52.2 +1.1
TRQA	Tornquist	45.79 168	eP	P	05 17 48.3 -2.8
TRQA	Tornquist	45.79 168	eP	pmax	05 17 48.3 -2.8
TRQA	Tornquist	45.79 168	eP	pmax	05 17 48.3 -2.8
RSSD	Black Hills	46.01 329	eP	P	05 17 53.7 +0.7
RSSD	Black Hills	46.01 329	eP	pmax	05 17 53.7 +0.7
RSSD	Black Hills	46.01 329	eP	pmax	05 17 53.7 +0.7
RSSD	Black Hills	46.01 329	P	P	05 17 53.7 +0.7
A33A	Warroad	46.06 340	P	P	05 17 53.2 +0.2
RWWY	Rawlins	46.11 324	eP	P	05 17 54.7 +0.8
K22A	Casper	46.34 326	eP	P	05 17 56.4 +0.9
K22A	Casper	46.34 326	P	P	05 17 56.2 +0.6
U15A	North Rim	46.40 315	eP	P	05 17 57.7 +1.5
SRU	San Rafael Swe	46.62 319	eP	P	05 17 59.0 +1.3
SRU	San Rafael Swe	46.62 319	eP	pP	05 18 35.2 +0.7
SRU	San Rafael Swe	46.62 319	eP	pP	05 17 59.0 +1.3
SRU	San Rafael Swe	46.62 319	eP	pP	05 18 35.2 +0.7
GLA	Glamis	46.71 310	eP	P	05 17 59.4 +0.9
GLA	Glamis	46.71 310	eP	pmax	05 17 59.4 +0.9
GLA	Glamis	46.71 310	P	P	05 17 59.4 +0.9
P18A	Preston Nutter	46.73 320	eP	P	05 18 00.1 +1.4
MDND	Maddock	46.76 336	eP	P	05 17 58.7 +0.3
MDND	Maddock	46.76 336	P	P	05 17 58.7 +0.3
Y12C	Blythe	46.78 311	eP	P	05 17 60.0 +1.1
Y12C	Blythe	46.78 311	eP	pP	05 18 36.0 +0.3
Y12C	Blythe	46.78 311	P	P	05 17 59.3 +0.5
W13A	Hualapai Mount	46.90 313	eP	P	05 18 01.4 +1.3

PKCU	Pink Cliffs	46.92 316	eP	P	05 18 01.9 +1.6
P17A	Butcher Ranch,	46.95 320	eP	P	05 18 02.1 +1.7
P17A	Butcher Ranch,	46.95 320	eP	pP	05 18 38.4 +1.3
KNB	Kanab	47.06 316	eP	P	05 18 03.0 +1.8
KNB	Kanab	47.06 316	eP	pP	05 18 39.2 +1.2
MTPU	Mount Pierson	47.14 317	eP	P	05 18 03.4 +1.4
MTPU	Mount Pierson	47.14 317	eP	pP	05 18 39.9 +1.1
TMUT	Trail Mountain	47.16 319	eP	P	05 18 03.4 +1.3
ULM	Lac du Bonnet	47.34 340	P	P	05 19 02.6 -0.4
ULM	Lac du Bonnet	47.34 340	P	pP	05 19 13.2 +0.1
ULM	Lac du Bonnet	47.34 340	P	ScP	05 23 10.3 +0.6
ULM	Lac du Bonnet	47.34 340	P	ScP	05 24 41.8 -2.2
ULM	Lac du Bonnet	47.34 340	P	LR	05 38 35.7
ULM	Lac du Bonnet	47.34 340	P	LR	05 18 02.5 -0.4
ULM	Lac du Bonnet	47.34 340	P	P	05 19 31.2 +0.1
ULM	Lac du Bonnet	47.34 340	P	ScP	05 23 10.3 +0.6
ULM	Lac du Bonnet	47.34 340	P	ScP	05 24 41.8 -2.2
ULM	Lac du Bonnet	47.34 340	P	ScP	05 18 01.2 -1.9
PLCA	Paso Flores	47.34 177	P	P	05 18 39.5 -0.5
PLCA	Paso Flores	47.34 177	P	ScP	05 23 08.5 -1.4
PLCA	Paso Flores	47.34 177	P	ScP	05 18 01.8 -1.4
PLCA	Paso Flores	47.34 177	P	pP	05 18 40.7 +0.7
PLCA	Paso Flores	47.34 177	P	pP	05 23 08.5 -1.4
PLCA	Paso Flores	47.34 177	P	pmax	05 18 01.6 -1.5
LCMT	Little Creek M	47.35 315	eP	P	05 18 04.7 +1.2
LCMT	Little Creek M	47.35 315	eP	pP	05 18 41.5 +1.3
MSU	Marysvale	47.38 318	eP	P	05 18 05.2 +1.4
MSU	Marysvale	47.38 318	eP	P	05 18 05.2 +1.4
SWSC	Sam W. Stewart	47.41 309	P	P	05 18 04.2 +0.4
IRM	Iron Mountain	47.42 311	P	P	05 18 04.7 +0.8
BC3	Big Chuckawall	47.44 310	P	P	05 18 04.8 +0.7
SZCU	Shurtz Canyon	47.53 316	eP	P	05 18 05.7 +0.8
TCRU	Three Creeks R	47.61 318	eP	P	05 18 07.3 +1.8
CCUT	Cedar City	47.70 316	eP	P	05 18 07.5 +1.3
LDFC	Landfair	47.79 312	eP	P	05 18 08.7 +1.8
MPU	Maple Canyon	47.83 320	eP	P	05 18 08.3 +1.2
MONP2	Monument Peak	47.87 309	P	P	05 18 07.9 +0.2
BELC	Belle Mtn. Jos	47.99 310	P	P	05 18 09.2 +0.8
JLU	Jordanelle	48.04 320	eP	P	05 18 09.6 +0.9
GMRG	Granite Mounts	48.07 311	P	P	05 18 09.7 +0.7
NLU	North Lily Min	48.08 319	eP	P	05 18 10.1 +1.0
PD31	Pinedale Array	48.15 324	eP	P	05 18 09.7 +0.1
PD31	Pinedale Array	48.15 324	P	P	05 18 09.8 +0.3
PDAR	Piedmont	48.17 5	P	P	05 18 46.2 -0.4
PDAR	Piedmont	48.17 5	P	pP	05 19 34.9 +0.4
PDAR	Piedmont	48.17 5	P	pP	05 23 14.1 +0.4
PDAR	Piedmont	48.17 5	P	S	05 24 57.5 +1.4
BW06	Boulder Array	48.15 324	eP	P	05 18 09.9 +0.3
BW06	Boulder Array	48.15 324	P	P	05 18 10.1 +0.5
SCHO	Schefferville	48.17 5	P	P	05 18 09.9 +0.7
SCHO	Schefferville	48.17 5	P	ScP	05 23 13.5 +0.4
SCHO	Schefferville	48.17 5	P	ScP	05 18 09.8 +0.5
SCHO	Schefferville	48.17 5	P	ScP	05 23 13.5 +0.4
SCHO	Schefferville	48.17 5	P	ScP	05 18 11.6 +1.1
TCUT	Toone Canyon	48.30 321	eP	P	05 18 11.4 +0.6
SHPR	Sheep Range	48.47 314	eP	P	05 18 13.2 +1.2
PSUT	Pine Spring	48.52 317	eP	P	05 18 14.5 +2.0
TUQ	Turquoise Moun	48.55 312	P	P	05 18 13.4 +0.7
HEC	Hector,Ludlow	48.59 311	P	P	05 18 13.8 +0.8
HWUT	Hardware Ranch	48.67 322	eP	P	05 18 13.8 +0.2
DUG	Dugway, Tooele	48.69 319	eP	P	05 18 15.2 +1.5
DUG	Dugway, Tooele	48.69 319	eP	pmax	05 18 15.2 +1.5
DUG	Dugway, Tooele	48.69 319	P	P	05 18 14.8 +1.1
MURC	Murieta	48.75 309	P	P	05 18 15.1 +1.1
BBRC	Big Bear Solar	48.80 310	P	P	05 18 16.6 +1.9
LAO	LASA Array	48.90 330	P	P	05 18 15.1 0.0
LAO	LASA Array	48.90 330	P	P	05 18 15.4 +0.3
SHOC	Shoshone, Teco	49.00 313	P	P	05 18 16.8 +0.9
AHID	Auburn Hatcher	49.06 323	eP	P	05 18 16.8 +0.3
GSC	Goldstone, Bar	49.14 312	eP	P	05 18 18.4 +1.3
GSC	Goldstone, Bar	49.14 312	eP	pmax	05 18 18.4 +1.3
GSC	Goldstone, Bar	49.14 312	P	P	05 18 17.8 +0.7
DGMT	Dagmar	49.21 333	eP	P	05 18 17.9 +0.6
DGMT	Dagmar	49.21 333	P	P	05 18 18.5 +1.1
BGU	Big Grassy Mou	49.22 320	eP	P	05 18 18.2 +0.5
REDW	Red Top Meadow	49.26 324	eP	P	05 18 18.8 +0.7
SNOW	Snow King Moun	49.27 324	eP	P	05 18 19.1 +0.9
LOHW	Long Hollow	49.27 324	eP	P	05 18 18.6 +0.5
TPAW	Teton Pass	49.40 324	eP	P	05 18 18.5 -0.6
MOOW	Moose Ponds	49.43 324	eP	P	05 18 19.6 +0.3
TPNV	Topopah Spring	49.45 314	eP	P	05 18 21.3 +1.8
TPNV	Topopah Spring	49.45 314	eP	pP	05 18 57.9 +1.2
TPNV	Topopah Spring	49.45 314	P	P	05 18 20.5 +1.0
RLMT	Red Lodge	49.45 327	eP	P	05 18 19.7 +0.3
RLMT	Red Lodge	49.45 327	P	P	05 18 19.9 +0.5
HVU	Hansel Valley	49.52 321	eP	P	05 18 20.3 +0.3
HVU	Hansel Valley	49.52 321	eP	pmax	05 18 20.3 +0.3
FWXY	Fox Creek	49.53 324	eP	P	05 18 20.4 +0.3
FLWY	Flagg Ranch	49.61 325	eP	P	05 18 21.5 +0.8

R11A	Troy Canyon, C	49.62 316	eP	P	05 18 22.0 +1.1
R11A	Troy Canyon, C	49.62 316	P	P	05 18 21.9 +1.1
IMW	Indian Meadow	49.63 324	eP	P	05 18 21.4 +0.5
FURC	Furnace Creek,	49.68 313	P	P	05 18 22.0 +1.0
H17A	Grant Village	49.73 325	eP	P	05 18 24.9 +3.3
H17A	Grant Village	49.73 325	P	P	05 18 24.5 +2.9
YPP	Pitchstone Pla	49.78 325	eP	P	05 18 22.6 +0.5
EDW2	Edwards Ar, Fo	49.86 311	P	P	05 18 22.9 +0.4
YFT	Old Faithful	49.91 325	eP	P	05 18 24.6 +1.6
MPMC	Manual Prospec	49.96 312	eP	P	05 18 23.6 +0.1
GCMT	Greycliff	50.09 327	eP	P	05 18 24.8 +0.6
YMR	Madison River,	50.11 325	eP	P	05 18 25.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like NB200, NOA, NB202, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KWP, WNA2, TRPA, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MJAR, MJAR, MJAR, etc.

ISCJ 01 05:18.11.6.1.2.16.6N:0.1:145.7E:0.2,h250km,mb3.7/9, Error ellipse: s-maj=32.6km s-min=19.7km az=6.7, IDC 01 05:18.14.9.8.2.16.56E:h267km,84km,mb3.5/9, mb1.3.6/9,mb1mx3.2/66,mbtmpr4.1/9,MS3.74,Ms1.3.7/4, ms1mx2.8/48,Error ellipse: s-maj=29.9km s-min=18.4km az=95.0, ISC 01 05:18.13.1.1.4.16.6N:0.2:145.7E:0.3,h250km,n13, o050.9,mb3.7/9,Mariana Islands

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

ROM 01 05:19:27.0-0.3, 433.75N-01.12:33E-0.02, h10km, ML0.9/2, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PARC Pardiule, NARO Abbazia di Nar, etc.

ISCJCB 01 05:19:52.5-1.3, 33:31S-0:06:70:39W-0.08, h102km, 9km, Error ellipse: s-maj=12.2km s-min=10.2km az=28.3

GUC 01 05:19:52.0-0.4, 33:21S-0:29W, h100km, 2km, ML2.8

SJA 01 05:19:52.0-0.7, 33:33S-0:25W, h80km, 5km, ML2.2, MW2.9

ISC 01 05:19:53.7-2.8, 33:30S-0:08:70:37W-0.08, h93km, 18km, n11, 0958/20, 1C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FCH Farellones, CLCH Cerro Calan, etc.

ISC 01 05:27:51.6-1.3, 10:57N-126:42E, h0km, mb4.0/8, mb1.4/8, mb1mx3.759, mbtmp4.0/8, MS3.4/3, Ms1.3/4.3, ms1mx2.7/62, Error ellipse: s-maj=124.0km s-min=17.1km az=70.0

MAN 01 05:27:54.9, 10:63N-126:46E, h15km, mb5.0, ML4.0, MS4.0

ISC 01 05:27:58.6-1.8, 10:59N-105:126E-0:1, h50km, 17km, n32, 0:1988/33, mb4.2/8, MS3.4/3, 1C-1D, Philippine Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCESS Array B, FINES FINES Array B, etc.

IDC 01 05:49:51.2-1.6, 0:54N-121:75E, h0km, mb4.0/4, mb1.4/3.5, mb1mx3.7/73, mbtmp4.1/5, ML4.4/1, MS3.7/1, Ms1.3/7.1, ms1mx2.6/59, Error ellipse: s-maj=137.9km s-min=22.5km az=70.0

ISCJCB 01 05:49:58.9-0.7, 0:44N-0:07:120:58E-0:04, h57km, mb3.9/4, MS3.5/1, Error ellipse: s-maj=9.9km s-min=5.7km az=1.0

DJA 01 05:50:00.2-0.3, 0:1N-3:12:1E-, h68km, 7km, M4.3/12, mb5.0/2, mb4.4/3, MLV4.3/12, Mw(mb)4.4/2

ISC 01 05:49:59.4-1.0, 0:39N-0:08:120:66E-0:04, h55km, n19, 0:262/19, mb4.0/4, Minahasna Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MPSI Mapaga, TTSI Tana Toraja, etc.

IDC 01 05:50:08.7-0.5, 10:61N-126:87E, h0km, mb4.2/28, mb1.4/3.28, mb1mx4.1/75, mbtmp4.2/28, MS3.8/2, Ms1.3/8.2, ms1mx2.8/59, Error ellipse: s-maj=23.6km s-min=12.3km az=79.0

ISCJCB 01 05:50:10.4-0.2, 10:60N-10:04:126:85E-0:05, h20km, mb4.4/51, MS3.8/2, Error ellipse: s-maj=6.7km s-min=5.2km az=155.9

NEIC 01 05:50:12.2-2.5, 10:62N-126:87E, h20km, 17km, mb4.6/23, Error ellipse: s-maj=7.3km s-min=4.3km az=77.0

ISC 01 05:50:12.1-1.0, 10:65N-10:06:126:86E-0:07, h20km, n105, 0:06/105, mb4.5/1, 2C, Philippine Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TOLK Toolik Lake Res, MDM Murphy Dome, etc.

ISC 01 05:52:06.2-0.3, 10:58N-126:81E, h0km, mb4.6/44, mb1.4/6/48, mb1mx4.5/79, mbtmp4.6/48, ML4.1/4, MS3.6/13, Ms1.3/6.13, ms1mx3.3/57, Error ellipse: s-maj=13.8km s-min=8.0km az=72.0

DJA 01 05:52:07.0-2.0, 11:1N-4:12:7E-, h10km, M4.8/31, MB5.3/13, mb5.0/31, Mw(mb)4.8/13

MOS 01 05:52:08.4-0.9, 10:50N-126:71E, h25km, mb5.0/39, Error ellipse: s-maj=10.4km s-min=5.2km az=118.1

ISCJCB 01 05:52:09.5-1.2, 10:57N-10:02:126:85E-0:03, h32km, 8km, mb4.7/127, MS3.7/2, Error ellipse: s-maj=4.6km s-min=3.3km az=159.3

BUJ 01 05:52:09.8, 10:65N-126:88E, h32km, mb4.8/50, mb5.0/36, Ms4.2/34, Ms7.4/0/30

NEIC 01 05:52:11.3-1.3, 10:56N-126:80E, h32km, 9km, mb4.9/57, Error ellipse: s-maj=4.4km s-min=2.7km az=71.0

ISC 01 05:52:11.8-0.2, 10:59N-10:04:126:87E-0:05, h35km, 3km, n276, 0:1934/310, mb4.8/127, MS4.2/122, 18C-4D, Philippine Islands region

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

ISC 01 05:52:11.8-0.2, 10:59N-10:04:126:87E-0:05, h35km, 3km, n276, 0:1934/310, mb4.8/127, MS4.2/122, 18C-4D, Philippine Islands region

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

2012 SEP

Table with columns: ID, Name, Date, Time, Az, El, P, S, E, M, R, 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. Includes entries like J1d 5h, JAGI Nakatsue, JAGI Jagaj, MTN Manton Dam, etc.

Table with columns: ID, Name, Date, Time, Az, El, P, S, E, M, R, 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. Includes entries like CN2 comp=Z,10.0nm,0.6s, USRK USSuriysk Ar, AS31 Alice Springs, etc.

Table with columns: ID, Name, Date, Time, Az, El, P, S, E, M, R, 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. Includes entries like MKAR Makanchi Array, MKAR Makanchi Array, PDGK Podgornoye, etc.

UCR 01 06:05:50.5:1.0, 13:12N:90.42W, h9km, 7km, ML4.3, mb4.1(NEIC)
ISCTJB 01 06:05:53.8:0.5, 13:11N:0:03:90:22W:0.04, h67km, 4km, mb4.0/54, Error ellipse: s-maj=7.3km s-min=4.4km az=147.4
NEIC 01 06:05:53.6:0.5, 13:22N:90:21W, h35km, mb4.1/50, MD4.4(SNET), Error ellipse: s-maj=9.6km s-min=5.9km az=202.0
NEIC Fell [I] at Ahuachapan
IDC 01 06:05:57.0:1.8, 13:59N:89:84W, h75km, 15km, mb3.5/12, mb1.3/13, mb1mx3.6/57, mbtmp3.9/13, MS3.3/3, Ms1.3/2/3, ms1mx2.8/34, Error ellipse: s-maj=1.1km s-min=1.2km az=47.0

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

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

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

AZER 01 06:20:19.7:0.1, 38:46N:46:72E, h15km, 9km, ml3.0/12, Error ellipse: s-maj=13.3km s-min=3.2km az=23.0
TEH 01 06:20:20.4, 38:43N:46:75E, h16km, ML3.0
ISC 01 06:20:20.8:1.1, 38:42N:04:46:72E:0.03, h10km, 10km, n22.1, c19/33, 11C-10D, Iran-Armenia-Azerbaijan border region

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

1d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZALV, KARATAY ARRAY, BOROVYOYE ARRAY, etc.

2012 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like SVE Sverldrovsk, GEYAT Alibeck, ARU Arti, etc.

32

Table with columns for station name, frequency, power, and other technical details. Includes stations like OJC Ojcow, HFS Hagfors, MORC Moravsky Berou, etc.

ISK 01 06:55:03.9, 40:61'N, 41:29'E, h8km, ML2.6/4
DDA 01 06:55:05.0, 40:70'N, 41:10'E, h7km, M12.7
ISCJB 01 06:55:05.3, 40:65'N, 0:04, 41:21E, 0:05, h7km, Error ellipse: s-maj=6.0km s-min=4.3km az=140.8

Table with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Res. Includes stations like DEM Mirnikent, DBAD Bademkaya, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANT Santorini, SANT Santorini-Akro, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KLV Kalavryta, DSF Desfina, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like MOMN, LBRS, SNET, UBDS, LFU, BOQS, APYN, MGAN, SBL, SBL, SNJE, ESTN, RTR, MATN, ROAB, APG, JTS, ESPN, CMIG, CMIG, LNIG, 833A, 342A, 352A, 219A, 249A, 244A, 252A, 251A, VBMS, 254A, NATX, 149A, 148A, 151A, 150A, 152A, LRAL, LRAL, Z49A, 155A, JCT, Z50A, Z50A, Z52A, Z53A, Z54A, GOGA, GOGA, Y46A, Y47A, Y48A, Y50A, Y51A, Y52A, Y53A, Y54A, TXAR, TX31, X47A, OXF, X46A, X49A, X41A, X40A, X52A, X53A, MIAR, MIAR, X39A, W45A, W48A, W49A, W47A, W41B, W41B, WHAR, W40A, W40A, W39A, W39A, V49A, KMSC, TKL, TKL, V41A, V40A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like V40A, V53A, V53A, V52A, V39A, U46A, U47A, U41A, U49A, WMOK, WMOK, U51A, U40A, HHAR, U52A, U39A, TUL1, PBMO, U53A, T47A, T47A, T46A, T43A, T42A, T41A, T49A, MNXT, T51A, T39A, T38A, MSTX, MSTX, S44A, S41A, S40A, S39A, S38A, CCM, CCM, WC1, R41A, R39A, R38A, Q39A, Q38A, Q51A, P40A, P39B, P38A, O50A, K39A, K38A, K37A, J37A, J36A, J36A, I37A, I37A, ECSD, ECSD, H36A, H35A, G42A, G38A, G40A, SPMM, SPMM, SADO, F38A, COWI, E39A, EYMN, A33A, NVAR, ULM, LRM, TGL, LZH, LZH, LZH, WRA, CMAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like PNIG, TLIG, VHO, HUIG, PLIG, YAIG, YAIG.

DC 01 08:40:01.4e:1.0,10,18N:126:54E,h0km,mb3.9/8, mb1.4/0.8,mb1mx3.7/59,mbtmp3.9/8, Error ellipse: s-maj=76.3km s-min=17.9km az=69.0, Error ellipse: s-maj=59.3km s-min=15.6km az=162.5, ISC 01 08:40:07.1.1.0,10,2N:02:126:6E:0.5,h42km,n9, az=47/10,mb4.0/3,Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like KSRS, WRA, ASAR, MKAR, MKAR, KURB, BVAR, BRTR, PLCA.

DC 01 08:41:35.20.8,10:25N:126:68E,h0km,mb4.0/13, mb1.4/0.14,mb1mx3.8/60,mbtmp4.0/14,ML4.1/1, Error ellipse: s-maj=56.5km s-min=15.6km az=71.0, NEIC 01 08:41:41.8z.2.4,10:21N:126:71E,h48km,22km,mb4.6/5, Error ellipse: s-maj=24.2km s-min=6.3km az=73.0, ISC 01 08:41:40.9z.1.8,10:2N:01:126:7E:0.3,h38km,12km,n34, az=69/40,mb4.2/6,Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like JOW, JOW, KSAR, KSRS, WRI, WRA, WRA, WB2, ASAR, ASAR, ASAR, SONA, SONM, BBOO, MK01, MK01, MK32, MK32, MKAR, MKAR, MKAR, ZALV, ZALV, ZAA1, KURK, KURK, KURB, BVAR, AKTO, SCRR, ARAO, ARCS, ARCS, ARCS, BR10, BRTR, FIA1, FIAO, FINES, AKAS, BURB, PLCA.

DDA 01 08:48:33.3,40:09N:35:00E,h7km,M12.7, ISK 01 08:48:33.3,40:10N:34:88E,h3km,ML2.1/4, ISCBJ 01 08:48:34.1z.7,40:10N:0:05:34:88E:0.07,h8km,8km, Error ellipse: s-maj=10.0km s-min=6.3km az=136.6, ISC 01 08:48:33.7z.1.2,40:08N:0:05:34:93E:0.04,h8km,13km,n9, az=33/11,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like COAL, CORM, CORM, Y0Z, Y0Z, CTAK, CDAG, KAMT, AVIS, ILGA, SVSK, GUC 01 08:50:48.6:0.5:23:08S:67:31W,h240km,17km,ML3.6, 7C-1D,Chile-Argentina border region

MEX 01 08:37:26.7:0.3,16:22N:98:02W,h6km,3km,MD3.6, Near coast of Guerrero

Table with columns: GNL, Ganaly, 3.10 326 eP, Pn, 09 49 12.7 +3.5, GNL, 8eS, Sn, 09 49 48.3 +3.0, MKZ, Mys Kozlova, 3.44 8 eP, Sn, 09 49 15.2 +1.6, MKZ, 8eS, Sn, 09 49 52.7 +0.4, KBTR, Krutoberegovo, 5.19 12 eP, Sn, 09 49 40.1 +2.8

IDC 01 09:52:00.3-0.5, 10:31'N:126:89E, h0km, mb4.3/27, mb1 4.4/27, mb1mx2.6/26, mbtmp4.3/27, MS3.0/4, Ms1 3.0/4, ms1mx2.6/60, Error ellipse: s-maj=2.47km s-min=1.0km az=81.0, ISCJB 01 09:52:01.5-1.8, 10:31'N:0:03:127:03E:0.04, h23km, 13km, mb4.4/38, MS2.9/3, Error ellipse: s-maj=6.8km s-min=5.4km az=9.1, NEIC 01 09:52:03.0-1.9, 10:31'N:126:97E, h20km, 12km, mb4.5/13, Error ellipse: s-maj=7.1km s-min=3.5km az=87.0, MAN 01 09:52:05.5, 10:36'N:126:79E, h24km, mb4.8, ML3.7, MS3.7

ISC 01 09:52:03.9-3.1, 10:32'N:0:05:126:97E:0.07, h25km, 22km, n88, c083/98, mb4.4/38, MS2.9/3, 1C, Philippine Islands region

Main table listing station names, coordinates, and seismic data for the Philippine Islands region. Includes stations like BUTP, MSLP, LLLP, MUSUAN, etc.

Table listing station names and coordinates for the Philippines region. Includes stations like AKKB, CSS, VANDA, BUR04, HFS, NB200, NOA, TOR0, TOA1, PLCA.

IDC 01 09:57:45.4-2.0, 10:82'N:126:76E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/65, mbtmp3.7/6, MS3.7/1, Ms1 3.7/1, ms1mx2.4/58, Error ellipse: s-maj=132.4km s-min=20.7km az=68.0, Philippine Islands region

Main table listing station names, coordinates, and seismic data for the Philippines region. Includes stations like FITZ, WRA, ASAR, BRDH, STKA, MKAR, KURBB, GERS.

ISCJB 01 10:00:35.9-0.9, 19:50'N:0:03:64:38W:0.02, h5km, 5km, mb3.8/12, MS3.0/2, Error ellipse: s-maj=4.8km s-min=3.6km az=6.7

NEIC 01 10:00:35.1-0.0, 19:69'N:64:26W, h11km, mb4.2/2, MD3.9(RSPR), After RSPR, RSPR 01 10:00:35.2, 19:69'N:64:26W, h12km, 7km, MD3.9/12, IDC 01 10:00:40.4-2.1, 19:31'N:64:36W, h38km, 38km, MS3.5/13, mb1 3.0/16, mb1mx3.0/65, mbtmp3.8/16, ML3.3/3, MS3.1/3, LLLP, Error ellipse: s-maj=27.6km s-min=15.9km az=55.0

ISC 01 10:00:35.9-1.6, 19:47'N:0:04:64:41W:0.03, h10km, 10km, n94, c148/100, mb3.9/12, 16C, Virgin Islands

Main table listing station names, coordinates, and seismic data for the Virgin Islands region. Includes stations like ABV, ANEG, AVI, STVI, CUPR, etc.

Table listing station names and coordinates for the Philippines region. Includes stations like SDV, MTJ9, ROSC, PTGA, TKL, TKL, NNA, LTX, TXAR, ULM, ANMO, ANMO, PD31, PDAR, CPUP, CPUP, NV01, NVAR, NEW, PLCA, PLCA, TOA1, TOR0, ILAR, ILB, ARAD, ARCES, WR1, WRA.

ISCJB 01 10:09:44.8-1.9, 10:37'N:0:04:127:02E:0.04, h15km, 13km, mb4.4/37, MS3.0/6, Error ellipse: s-maj=7.0km s-min=6.0km az=154.2, IDC 01 10:09:44.2-0.5, 10:34'N:127:04E, h0km, mb4.2/24, mb1 4.2/24, mb1mx4.1/58, mbtmp4.2/24, MS3.1/9, Ms1 3.1/9, ms1mx2.8/60, Error ellipse: s-maj=23.4km s-min=11.3km az=79.0, MAN 01 10:09:48.4, 10:46'N:126:74E, h10km, mb5.0, ML3.9, MS4.0

Main table listing station names, coordinates, and seismic data for the Philippines region. Includes stations like BESP, BUTP, MSLP, PLP, PLP, LLLP, CNP, BUKP, PVCP, RCP, PAGZ, YHNB, JOW, JOW, SBUM, GUM0, JAYUPA, BATI, CBJ, JNU, JNU, JHJ, JHJ, ENH, ENH, IPM, KULM, KS15, KSAR, KSRS, CMAR, MAJO, MNAI, CM31, CMAR, CMAR, FITZ, PSI, WR1, WRA, WRA, USRK, AS31, ASAR, ASAJ.

NEIC 01 10:09:49.2-0.2, 10:36'N:127:08E, h35km, mb4.5/13, Error ellipse: s-maj=7.0km s-min=4.3km az=96.0, ISC 01 10:09:48.2-0.9, 10:41'N:0:05:126:99E:0.07, h26km, 6km, n85, c100/91, mb4.4/37, MS3.0/6, 1C-1D, Philippine Islands region

Main table listing station names, coordinates, and seismic data for the Philippines region. Includes stations like BESP, BUTP, MSLP, PLP, PLP, LLLP, CNP, BUKP, PVCP, RCP, PAGZ, YHNB, JOW, JOW, SBUM, GUM0, JAYUPA, BATI, CBJ, JNU, JNU, JHJ, JHJ, ENH, ENH, IPM, KULM, KS15, KSAR, KSRS, CMAR, MAJO, MNAI, CM31, CMAR, CMAR, FITZ, PSI, WR1, WRA, WRA, USRK, AS31, ASAR, ASAJ.

2012 SEP

1d 10h															
R39A	Chumby, Stover	68.34	342	P	P	10 49 37.5	-0.2	I43A	Langenfeld Bro	72.46	347	P	P	10 50 03.8	+1.0
O48A	Farmland	68.39	349	P	P	10 49 40.0	+1.9	J40A	Soldiers Grove	72.55	345	P	P	10 50 05.4	+2.0
Q41A	Truxton	68.46	343	P	P	10 49 38.2	-0.3	Y14A	Wickenburg	72.60	325	eP	P	10 50 05.1	+1.1
R38A	Fenwick Farm,	68.47	341	P	P	10 49 38.0	-0.6	I42A	Draeger Farm,	72.62	347	P	P	10 50 05.7	+1.9
P43A	Skaggs, Pawnee	68.69	345	P	P	10 49 39.3	-0.7	B39A	Decorah	72.71	345	P	P	10 50 04.3	-0.1
Q40A	Laux Farm, Aux	68.71	343	P	P	10 49 39.6	-0.5	BGNE	Belgrade	72.72	339	P	P	10 50 06.4	+2.0
P42A	Winchester	68.83	344	P	P	10 49 39.5	-1.4	S22A	4UR Ranch, Cre	72.76	331	P	P	10 50 06.0	+0.8
121A	Cookes Peak, D	68.87	327	P	P	10 49 42.7	+1.2	WUAZ	Wupatki	73.03	327	eP	pP	10 50 08.0	+1.4
O45A	Potomac	68.88	347	P	P	10 49 42.2	+1.1	WUAZ	Wupatki	73.03	327	eP	pP	10 50 07.7	+1.0
O44A	Mansfield	68.94	346	P	P	10 49 42.4	+0.9	MVCO	Mesa Verde	73.05	330	eP	P	10 50 07.9	+1.0
Q39A	Willow Grove F	69.00	342	P	P	10 49 41.2	-0.7	MVCO	Mesa Verde	73.05	330	eP	P	10 50 08.0	+1.2
P41A	Barry, Barry	69.09	344	P	P	10 49 41.7	-0.8	Q24A	Divide	73.09	333	P	P	10 50 08.2	+1.1
Q38A	Cooks Store, C	69.11	341	P	P	10 49 42.3	-0.2	J37A	Redenius Farm,	73.14	343	P	P	10 50 09.1	+2.2
P40A	Paris	69.21	343	eP	P	10 49 43.1	-0.1	I39A	Houston	73.16	345	eP	P	10 50 06.7	-0.3
P40A	Paris	69.21	343	eP	P	10 49 43.0	-0.2	I39A	Houston	73.16	345	eP	P	10 50 08.7	+1.7
O43A	Sugar Creek Fa	69.26	345	P	P	10 49 44.0	+0.5	Y12C	Blythe	73.25	323	P	P	10 50 09.4	+1.6
O42A	Bath	69.35	345	P	P	10 49 43.5	-0.5	SWSC	Sam W. Stewart	73.32	322	P	P	10 50 09.7	+1.4
P39B	Salisbury	69.36	342	P	P	10 49 43.4	-0.7	J36A	Seneca 1, Swea	73.37	343	P	P	10 50 10.0	+1.7
M49A	Liberty Center	69.39	350	P	P	10 49 46.2	+2.0	H41A	Junco City	73.47	346	P	P	10 50 11.0	+2.2
O41A	Pasleys Farm,	69.47	344	P	P	10 49 43.7	-1.0	I38A	Scanlan Farm,	73.53	344	P	P	10 50 11.2	+2.1
N44A	Piper City	69.49	346	P	P	10 49 47.2	+2.3	H40A	Chill	73.63	346	P	P	10 50 11.6	+1.8
HDIL	Hopedale	69.51	345	P	P	10 49 44.1	-0.9	BC3	Big Chuckawall	73.67	323	P	P	10 50 11.4	+1.0
P38A	Dawn	69.70	342	P	P	10 49 47.1	+0.9	I37A	Lemond, Waseca	73.77	344	P	P	10 50 12.5	+1.9
TBI	Tubuai	69.72	254	eT	T	12 06 01.7		G42A	Mountain	73.82	347	P	P	10 50 13.0	+2.2
O40A	La Belle	69.72	343	P	P	10 49 45.5	-0.8	PV01	Paradox Valley	73.84	330	eP	pP	10 50 13.5	+2.0
SBA	Scott Base	69.81	191	eP	P	10 49 47.5	+1.0	PV01	Iron Mountain	73.89	323	eP	pP	10 50 12.0	+0.3
SBA	Scott Base	69.81	191	eP	P	10 49 47.5	+1.0	IRM	Iron Mountain	73.89	323	eP	pP	10 50 12.5	+0.9
N43A	Stutzman Famil	69.85	346	P	P	10 49 46.6	-0.5	PV13	Radium Mtn., P	73.98	330	eP	P	10 50 13.2	+1.0
P37A	Lathrop	69.90	341	P	P	10 49 46.6	-0.8	PV02	Paradox Valley	73.98	330	eP	P	10 50 13.9	+1.6
N42A	Yates City	69.94	345	P	P	10 49 49.0	+1.3	ISCO	Idaho Springs	73.99	333	eP	P	10 50 13.2	+0.9
O39A	Kirksville	70.02	343	P	P	10 49 47.8	-0.3	ISCO	Idaho Springs	73.99	333	eP	pmax	10 50 13.3	+0.9
N41A	Harden Midland	70.02	344	P	P	10 49 50.0	+1.9	ISCO	Idaho Springs	73.99	333	eP	P	10 50 13.6	+1.2
LAZ	Ladron	70.11	329	eP	pP	10 49 50.5	+1.4	CPE	Camp Elliot	74.00	321	eP	P	10 50 13.3	+1.1
O38A	Galt	70.15	342	P	P	10 49 51.0	+2.0	SMCO	Snowmass	74.02	332	eP	P	10 50 13.7	+1.0
TUC	Tucson	70.17	325	eP	pP	10 49 50.3	+0.9	PV18	Skein Mesa, Pa	74.09	330	eP	P	10 50 14.2	+1.3
TUC	Tucson	70.17	325	eP	pP	10 49 50.3	+0.9	H38A	Maiden Rock	74.11	345	P	P	10 50 14.5	+1.9
TUC	Tucson	70.17	325	eP	pP	10 49 50.3	+0.9	PV16	Nyswonger Mesa	74.14	330	eP	pP	10 50 14.2	+1.0
ANMO	Albuquerque	70.25	330	P	LR	11 17 17.2		F43A	Flat Rock, Esc	74.16	349	eP	pP	10 50 14.9	+2.1
ANMO	Albuquerque	70.25	330	eP	P	10 49 50.2	+0.3	H37A	Dierke Farm, C	74.18	344	P	P	10 50 15.1	+2.1
ANMO	Albuquerque	70.25	330	eP	P	10 49 50.1	+1.1	FRD	Ford Ranch, An	74.18	322	P	P	10 50 14.5	+1.2
ANMO	Albuquerque	70.25	330	eP	P	10 49 50.6	+0.6	PFO	Pinyon Flats 0	74.19	322	P	P	10 50 14.5	+1.0
ANMO	Albuquerque	70.25	330	eP	pmax	10 49 50.9	+0.9	ECSD	EROS Data Cent	74.37	341	eP	P	10 50 13.5	-0.6
ANMO	Albuquerque	70.25	330	eP	P	10 49 50.9	+0.9	ECSD	EROS Data Cent	74.37	341	eP	P	10 50 14.5	+0.4
M43A	Waltham Townsh	70.28	346	P	P	10 49 51.5	+1.8	H36A	Jessenland, He	74.43	343	P	P	10 50 16.5	+2.1
N40A	Mertquake, Sal	70.37	344	P	P	10 49 49.5	-0.8	F41A	Three Lakes	74.43	347	P	P	10 50 16.6	+2.1
O37A	Wolven Farm, M	70.38	342	P	P	10 49 49.6	-0.7	G39A	Holcombe	74.44	346	P	P	10 50 16.3	+1.9
M41A	Milan	70.58	345	P	P	10 49 52.6	+1.1	G38A	Ridgeland	74.48	345	P	P	10 50 16.7	+2.0
N39A	Derby Farms, D	70.59	343	eP	P	10 49 51.2	-0.5	MURC	Murrieta	74.58	322	P	P	10 50 16.8	+1.2
N39A	Derby Farms, D	70.59	343	eP	P	10 49 51.1	-0.6	GMRC	Granite Mounta	74.64	323	P	P	10 50 17.2	+1.1
N38A	Joess South For	70.71	342	P	P	10 49 51.9	-0.5	E43A	Lone Tree Farm	74.66	349	P	P	10 50 17.8	+2.1
VNDA	Vanda	70.84	191	eP	P	10 49 53.5	+0.8	SPMN	Marine on St.	74.75	344	P	P	10 50 18.3	+2.0
VNDA	Vanda	70.84	191	eP	P	10 49 53.6	+0.8	H35A	Sunnyside Ranc	74.77	343	P	P	10 50 16.1	-0.4
VNDA	Vanda	70.84	191	eP	pmax	10 49 53.6	+0.8	COWI	Conover	74.79	347	eP	P	10 50 16.7	+0.2
M40A	Post Highland	70.84	344	P	P	10 49 55.2	+2.0	F40A	Park Falls	74.81	346	P	P	10 50 16.5	-0.1
214A	Organ Pipe Nat	70.95	323	P	P	10 49 55.4	+1.3	E42A	Champion	74.87	348	P	P	10 50 18.6	+1.6
L42A	Oliver, Polo	70.98	346	P	P	10 49 55.8	+1.8	KNB	Kanab	74.92	327	eP	P	10 50 16.1	-1.6
M39A	Webster	71.07	344	P	P	10 49 56.6	+2.1	KNB	Kanab	74.92	327	eP	pmax	10 50 16.1	-1.6
T25A	Trinidad	71.23	333	eP	P	10 49 57.0	+1.1	BBRC	Big Bear Solar	74.93	322	P	P	10 50 18.9	+1.0
T25A	Trinidad	71.23	333	eP	P	10 49 56.6	+0.7	F39A	Loretta	74.98	346	P	P	10 50 19.6	+2.0
L40A	Anamosa	71.39	344	eP	P	10 49 56.0	-0.5	N23A	Red Feather La	75.06	333	P	P	10 50 20.0	+1.5
L40A	Anamosa	71.39	344	eP	P	10 49 56.0	-0.5	E41A	Kenton	75.10	347	P	P	10 50 20.3	+2.0
L39A	Winton	71.64	344	P	P	10 50 00.1	+2.1	LCMT	Little Creek M	75.13	326	eP	pP	10 50 20.6	+1.8
K42A	Prairie Point,	71.65	346	P	P	10 50 00.0	+2.0	LCMT	Little Creek M	75.13	326	eP	pP	10 50 28.9	+0.8
K41A	Shullsburg	71.69	345	P	P	10 50 00.5	+2.2	F37A	Hinrichs Farm,	75.18	345	P	P	10 50 20.8	+2.0
TIAR	Tiarei	71.84	259	eT	T	12 08 44.4		F38A	Pierce - Schro	75.23	345	P	P	10 50 21.1	+2.1
SYO	Syowa Base	71.90	159	eP	P	10 49 58.0	-1.3	E40A	Wakefield	75.27	347	P	P	10 50 21.3	+2.0
K40A	Colesburg	71.99	345	P	P	10 50 02.0	+2.0	BFSC	Baldy Ra	75.32	322	P	P	10 50 21.1	+1.1
PPT2	Papeete2	72.03	259	eS	S	10 59 19.0	-2.2	E39A	Mellen	75.34	346	P	P	10 50 19.4	-0.2
PPT2	Papeete2	72.03	259	eLR	LR	11 12 00.9		O20A	White River Ci	75.36	332	eP	P	10 50 21.3	+1.1
PPT	Papeete	72.03	259	LR	LR	11 13 19.6		O20A	White River Ci	75.36	332	eP	P	10 50 20.9	+0.7
LIC	Lamto	72.07	73	ePKP1	P	10 50 01.6	+0.4	MTPU	Mount Pierson	75.43	328	eP	P	10 50 21.6	+0.7
J42A	Columbus	72.12	346	P	P	10 50 02.8	+2.0	SRU	San Rafael Swe	75.52	329	eP	P	10 50 21.9	+0.8
K50C	Kaye Sheddock	72.14	335	eP	P	10 50 02.3	+1.0	SRU	San Rafael Swe	75.52	329	eP	pmax	10 50 21.9	+0.8
K50C	Kaye Sheddock	72.14	335	eP	P	10 50 02.6	+1.4	D41A	Chassel	75.60	348	P	P	10 50 23.1	+2.0
K39A	Oelwein	72.16	344	P	P	10 50 03.0	+1.9	CCUT	Cedar City	75.61	327	eP	P	10 50 23.2	+1.4
SDCO	Great Sand Dun	72.20	332	eP	P	10 50 02.5	+0.6	GSC	Goldstone, Bar	75.65	323	P	P	10 50 21.0	-0.8
SDCO	Great Sand Dun	72.20	332	eP	P	10 50 03.0	+1.2	SHPR	Sheep Range	75.70	325	eP	pP	10 50 23.4	+1.3
TIC	Toumoudi	72.29	73	ePKP1	P	10 50 01.8	-0.8	E38A	The Farm, Brul	75.77</					

Table with columns: FINES, Station Name, Time, Res, and various codes. Includes stations like HFS Hagfors, EKA Eskdalemuir, ZALV Zalesovo Beam, etc.

BUI 01 11:02:47.7, 0.78S, 123.98E, h125km, mb4.8/38, mb4.8/24
KLM 01 11:02:56.0, 0.79S, 123.94E, h142km, mb4.9/38
ISCJB 01 11:02:57.6, 0.3, 0.03S, 0.03E, 123.40E, 0.03, h157km, 3km
ISCJB 01 11:02:57.6, 0.3, 0.03S, 0.03E, 123.40E, 0.03, h157km, 3km
NEIC 01 11:02:58.8, 0.6, 0.05S, 123.33E, h155km, 3km, mb4.7/24
Error ellipse: s-maj=6.5km, s-min=4.9km, az=66.0
MOS 01 11:02:58.2, 1.1, 0.08N, 123.22E, h160km, mb4.5/19, Error
ellipse: s-maj=11.6km, s-min=6.7km, az=110.5
DJA 01 11:02:59.0, 0.2, 0.2, 12.3E, h123km, 3km, M4.5/19,
mb5.0/9, mb4.7/15, MLV4.8/19, Mw(mb)4.2/9
IDC 01 11:03:00.3, 1.9, 0.01N, 123.19E, h166km, 17km, mb4.2/37,
mb1.4/24, mb1mx4.1/61, mbtmp4.6/41, MS3.4/2,
Ms1.3/42, ms1mx2.7/59, Error ellipse: s-maj=11.0km
s-min=7.0km, az=76.0
ISC 01 11:02:58.2, 0.6, 0.10S, 0.04E, 123.31E, 0.04, h147km, 5km,
n219, n164/240, mb4.6/98, 5C-13D, Minahassa
Peninsula, Sulawesi

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Lists numerous stations across the globe.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, PDAR, RSSD, MVO, ULM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLR, HNR, SONA, SONM, etc.

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

IDC 01 11:05:30.0, 0.1, 0.187N, 126.63E, h0km, mb4.3/24, mb1 4.4/24, mb1mx2.6/m, mbtmp4.3/24, MS3.1/2, Ms1 3.2/12, ms1mx2.9/6.5, Error ellipse: s-maj=23.0km s-min=10.8km az=66.0

ISCJB 01 11:05:35.0, 0.1, 0.184N, 126.72E, h0.0/0.0, h30km, 11km, mb4.5/44, MS3.0/8, Error ellipse: s-maj=4.9km s-min=4.3km az=153.9

NEIC 01 11:05:35.0, 0.2, 0.183N, 126.73E, h35km, mb4.6/24, Error ellipse: s-maj=6.9km s-min=4.9km az=74.0

MAN 01 11:05:35.0, 0.1, 0.179N, 126.65E, h41km, mb5.1, ML4.1, MS4.2

ISC 01 11:05:34.6, 1.8, 0.189N, 126.72E, h26km, 13km, n16, n15, n12, mb4.6/44, MS3.0/8, 4C-3D, Philippine Islands region

IDC 01 11:19:07.5, 3.3, 9.92N, 124.66E, h0km, mb3.4/4, mb1 3.5/4, mb1mx3.3/6.8, mbtmp3.4/4, MS3.6/1, Ms1 3.6/1, ms1mx2.5/3.6, Error ellipse: s-maj=342.4km s-min=22.9km az=65.0, Mitanao

IDC 01 11:20:48.5, 3.1, 10.16N, 125.59E, h0km, mb3.4/4, mb1 3.5/4, mb1mx3.2/6.4, mbtmp3.4/4, Error ellipse: s-maj=292.8km s-min=22.3km az=66.0, Leyte

IDC 01 11:24:13.0, 0.7, 10.91N, 126.52E, h0km, mb4.2/18, mb1 4.3/19, mb1mx4.1/6.1, mbtmp4.3/19, ML4.4/1, MS3.1/8, Ms1 3.1/8, ms1mx2.9/6.3, Error ellipse: s-maj=30.9km s-min=12.8km az=73.0

ISCJB 01 11:24:16.5, 0.8, 11.10N, 126.79E, h36km, 6km, mb4.3/32, Error ellipse: s-maj=7.9km s-min=4.2km az=158.2

NEIC 01 11:24:19.0, 0.4, 11.18N, 126.89E, h35km, mb4.5/8, Error ellipse: s-maj=15.2km s-min=6.1km az=71.0

ISC 01 11:24:19.2, 1.2, 11.06N, 126.78E, h0.0/0.0, h43km, 10km, n104, r159/108, mb4.4/32, 4C-2D, Philippine Islands region

IDC 01 11:24:14.9, 11.17N, 126.89E, h32km, mb5.4, ML4.3, MS4.5

ISCJB 01 11:24:16.5, 0.8, 11.10N, 126.79E, h36km, 6km, mb4.3/32, Error ellipse: s-maj=7.9km s-min=4.2km az=158.2

NEIC 01 11:24:19.0, 0.4, 11.18N, 126.89E, h35km, mb4.5/8, Error ellipse: s-maj=15.2km s-min=6.1km az=71.0

ISC 01 11:24:19.2, 1.2, 11.06N, 126.78E, h0.0/0.0, h43km, 10km, n104, r159/108, mb4.4/32, 4C-2D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BESP, PLP, PLO, MSLP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLR, HNR, SONA, SONM, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KS15, KSAR, KSRS, etc.

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

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

LCY	Lacayo	1.11	33	eP	Pn	11 55 49.8 +0.7
SNVI	San Vicente	1.12	4	eP	Pn	11 55 49.3 +0.1
VSM	San Miguel	1.12	34	eP	Pn	11 55 50.3 +0.9
PACA	Pacayal	1.13	31	eP	Pn	11 55 50.5 +1.0
PACA		1.13	31	eS	Pn	11 55 08.5 +4.7
LFRS	El Faro	1.13	353	eP	Pn	11 55 48.5 -0.9
PAVA	Las Pavas	1.22	359	eP	Pn	11 55 50.3 -0.3
PAVA				IAML		11 56 20.1
COLS	Colinas	1.23	342	eP	Pn	11 55 49.8 -0.9
SNPT	Serv Nac Est T	1.23	346	eP	Pn	11 55 50.0 -0.7
SNPT	Serv Nac Est T	1.23	346	eP	Pn	11 55 50.0 -0.7
SNPT				IAML		11 56 12.3
LBRS	Las Brisas	1.25	354	eP	Pn	11 55 50.7 -0.3
OPAM	San Salvador	1.25	347	eP	Pn	11 55 50.5 -0.6
LFIU	La Fuente	1.27	351	eP	Pn	11 55 50.8 -0.4
UEES	San Salvador	1.27	346	eP	Pn	11 55 50.2 -1.0
UEES				IAML		11 56 17.4
BOQS	Bouqeron	1.29	344	eP	Pn	11 55 50.9 -0.7
LCND	La Cañada	1.29	51	eP	Pn	11 55 51.4 -0.1
LCND				IAML		11 56 23.1
CNCH	Conchagua	1.31	53	eP	Pn	11 55 51.1 -0.8
CSGN	Cosiguina Volc	1.41	70	ePn	Pn	11 55 54.5 +1.3
SBLIS	San Blas	1.42	36	eP	Pn	11 55 54.2 -0.7
SNJE	San Jose	1.52	304	eP	Pn	11 55 54.2 -0.7
RTR	El Retiro	1.57	333	eP	Pn	11 55 54.5 -1.0
MTOS	Montecristo	1.94	347	eP	Pn	11 56 01.0 +0.3
CNGN	Cerro Negro	2.17	90	eP	Pn	11 56 03.9 +0.3
CNGN				IAML		11 56 47.9
COPN	Copaltepe	2.29	98	eP	Pn	11 56 05.5 +0.2
MOMM	Momotombo	2.32	92	eP	Pn	11 56 05.9 +0.2
APYN	Apoqueue	2.52	96	eP	Pn	11 56 09.2 +0.7
XAVN	Grua Xavier	2.56	97	eP	Pn	11 56 10.3 +1.5
ESTN	Estel	2.56	76	ePn	Pn	11 56 10.0 +1.0
ESTN		2.56	76	eS	Pn	11 56 37.5 -1.5
ESTN	Estel	2.56	76	eP	Pn	11 56 09.5 +0.5
MGAN	Managua	2.63	97	eP	Pn	11 56 11.1 +1.2
APG	El Apazote	2.92	329	eP	Pn	11 56 14.6 +0.5
APG				S		11 56 53.8 +5.8
APG				LR		11 57 32.9
MATN	Matagalpa	2.95	81	eP	Pn	11 56 14.5 0.0
BOAB	BOACO BROADBAN	1.8	90	ePn	Pn	11 56 17.4 0.0
BOAB				eS		11 56 52.9 -1.2
BOAB	BOACO BROADBAN	1.8	90	ePn	Pn	11 56 17.4 0.0
MESS	Mesasa	4.04	115	eP	Pn	11 56 31.6 +2.2
JTS	JuntasAbangare	4.46	119	eP	Pn	11 56 37.2 +2.1
JTS				S		11 56 36.8 +1.7
JTS	JuntasAbangare	4.46	119	ePn	Pn	11 56 37.2 +1.7
JTS	JuntasAbangare	4.46	119	eP	Pn	11 56 35.1 +0.8
ESPN	Las Esperanzas	4.52	93	ePn	Pn	11 56 36.9 +0.7
ESPN	Las Esperanzas	4.52	93	eP	Pn	11 56 37.7 +1.1
ARE1	Arenal 1	4.58	116	eP	Pn	11 56 39.0 +2.2
CGA2	Cerro Gallo 2	5.01	119	eP	Pn	11 56 45.2 +2.4
QCR1	Quepos	5.57	123	eP	Pn	11 56 52.2 +1.9
URSC	Urusca	5.69	117	eP	Pn	11 56 54.7 +2.5
ACR	Cerro Adams	6.10	123	eP	Pn	11 57 02.7 +0.7
ICCO	Coco Island	6.14	165	eP	Pn	11 57 11.3 -0.7
CMIG	Matias Romero	7.36	309	eP	Pn	11 57 14.8 -0.1
CMIG				S		11 58 52.1 +1.5
CMIG				LR		11 57 22.7 +2.9
TLIG	Tipich	7.72	4	ePn	Pn	11 58 01.1 +1.7
TLIG	Tipich	7.72	4	ePn	Pn	11 58 01.1 +1.7
JRQC	Juriquilla Cam	13.73	308	ePn	Pn	11 58 43.8 +1.3
MOIG	Morelia	13.78	303	ePn	Pn	11 58 45.0 +2.7
GTBY	Guantanamo Bay	15.57	59	eP	Pn	11 59 01.4 -0.1
LNIG	Linares	15.87	323	ePn	P	11 59 13.2 -0.5
ZAIG	Zacatecas	16.53	310	ePn	P	11 59 21.1 -0.3
656A	Williston	17.81	18	ePn	P	11 59 34.2 -0.7
SDV	Santo Domingo	18.32	99	eP	Pn	11 59 41.4 +0.1
SDV				S		11 59 41.4 +0.1
566A	Lake Butler	18.44	18	eP	P	11 59 42.2 0.0
HKT	Hockley	18.52	341	eP	Pn	11 59 43.0 +0.1
833A	Chaparral WMA	18.54	330	eP	Pn	11 59 44.0 +0.2
833A				P		11 59 44.3 +0.6
452A	Marianna	18.59	10	eP	Pn	11 59 45.0 +0.7
453A	Whigham	18.76	12	eP	Pn	11 59 47.0 +0.7
453A				P		11 59 48.0 +1.6
454A	Quitman	18.78	14	eP	Pn	11 59 48.0 +1.4
351A	Pinckard	18.94	9	eP	Pn	11 59 49.7 +1.2
342A	Flagon Creek P	19.05	351	eP	Pn	11 59 51.5 +1.6
342A				P		11 59 51.0 +1.1
341A	Kurthwood	19.16	349	eP	Pn	11 59 51.2 +0.1
341A				P		11 59 51.9 +0.8
352A	Blakely	19.25	10	eP	Pn	11 59 53.1 +0.8
352A				P		11 59 53.4 +1.2
353A	Camilla	19.26	12	eP	Pn	11 59 53.5 +1.1
249A	Camden	19.46	5	eP	Pn	11 59 55.5 +0.7
245A	Little AP, Sta	19.47	358	eP	P	11 59 55.2 +0.3
247A	Quitman	19.47	1	eP	Pn	11 59 55.5 +0.7
TIGA	Tifton	19.49	14	eP	Pn	11 59 55.3 +0.3
TIGA				P		11 59 55.8 +0.7
244A	Avery, Jackson	19.53	356	eP	P	11 59 55.7 +0.2
248A	Dixon Mills	19.54	3	eP	Pn	11 59 55.6 0.0
VBMS	Vicksburg	19.69	356	eP	Pn	11 59 57.7 +0.2
VBMS				P		11 59 57.7 +0.2
242A	Graysville	19.70	352	eP	Pn	11 59 57.9 +0.3
251A	Midway	19.77	9	eP	Pn	11 59 58.6 +0.1
241A	Mo Tay, Golden	19.79	350	eP	Pn	11 59 58.5 -0.1
241A				P		11 59 58.8 +0.2
252A	Lumpkin	19.79	11	eP	Pn	11 59 58.6 -0.1
435B	Jarrell	19.89	338	eP	P	11 59 57.8 -0.2
435B				P		11 59 58.4 +0.4
NATX	Nacogdoches	19.89	345	eP	P	11 59 58.5 +0.5
NATX				P		11 59 58.4 +0.4
253A	Americus	19.97	12	eP	P	11 59 59.3 +0.4
254A	Abbeville	20.05	14	eP	Pn	12 00 01.3 -0.3
146A	Union	20.05	360	eP	Pn	12 00 01.3 -0.4
146A				P		12 00 01.8 +0.1
144A	Alexander Plac	20.09	356	eP	P	12 00 02.4 +0.2
147A	Livingston	20.10	2	eP	Pn	12 00 01.8 -0.5

147A	Livingston	20.10	2	P	Pn	12 00 02.2 -0.1
148A	Greensboro	20.10	3	P	Pn	12 00 02.2 -0.1
149A	Jones	20.11	5	P	Pn	12 00 02.2 -0.2
142A	Monroe	20.16	353	P	Pn	12 00 02.9 -0.1
150A	Eclectic	20.20	7	P	Pn	12 00 03.4 -0.1
151A	Opekika	20.21	9	P	Pn	12 00 03.5 -0.2
255A	Hazlehurst	20.23	16	eP	P	12 00 01.2 -0.5
255A				P		12 00 03.5 -0.4
143A	Soc's Landing	20.25	354	eP	Pn	12 00 03.1 -0.9
143A				P		12 00 04.3 +0.3
141A	Papa Simpson	20.25	350	P	Pn	12 00 04.7 -0.5
256A	Glenview	20.45	17	P	Pn	12 00 06.0 -0.3
152A	Waverly Hall	20.45	10	eP	P	12 00 04.5 +0.4
152A				P		12 00 05.7 -0.7
140A	Cam and Jess	20.51	349	eP	Pn	12 00 06.3 -0.7
140A				Pn		12 00 08.6 +1.6
LRL	Lakeview Retre	20.52	5	eP	P	12 00 05.8 +0.9
LRL				P		12 00 05.6 +0.8
JCT	Junction City	20.54	332	eP	P	12 00 04.8 -0.3
JCT				P		12 00 05.0 -0.1
Z46A	Louville	20.61	360	P	Pn	12 00 07.2 -1.0
Z47A	Carrollton	20.63	2	P	Pn	12 00 07.3 -1.1
Z49A	Columbiana	20.72	6	P	Pn	12 00 07.2 +0.2
154A	Montrose	20.73	14	eP	P	12 00 08.4 -1.2
154A				P		12 00 08.1 +1.1
Z43A	Armstrong Fami	20.73	354	P	Pn	12 00 11.2 +1.5
Z44A	Pea Ridge, Bel	20.74	356	eP	P	12 00 08.3 +1.2
Z45A	Winona	20.80	358	eP	P	12 00 09.1 +1.3
Z45A				P		12 00 08.0 +0.2
Z48A	Notport	20.83	3	P	Pn	12 00 09.3 +1.2
Z50A	Ashland	20.85	7	eP	P	12 00 09.0 +0.6
Z50A				P		12 00 09.1 +0.8
155A	Kite	20.89	15	P	P	12 00 09.0 +0.1
WHTX	Lake Whitney	20.94	339	eP	P	12 00 08.6 -0.8
WHTX				P		12 00 09.1 -0.2
Z41A	Richland Creek	20.98	351	eP	P	12 00 10.4 +0.7
Z41A				P		12 00 10.0 +0.3
Z52A	Williamson	21.01	11	P	P	12 00 10.1 0.0
Z51A	Frain	21.01	9	P	P	12 00 13.7 +3.6
Z40A	Long Farm, Mag	21.07	350	P	P	12 00 11.1 +0.3
Z53A	Monticello	21.26	12	P	P	12 00 13.8 +1.0
Y45A	Yeager Farm, C	21.29	359	P	P	12 00 15.1 +2.0
HPIG				P		12 00 13.9 +0.4
Y46A	Houston	21.30	0	P	P	12 00 14.4 +1.3
Y48A	Jasper	21.38	4	P	P	12 00 15.0 +0.9
Z54A	Sparta	21.38	14	P	P	12 00 14.6 +0.5
Y49A	Blount Mountain	21.39	6	eP	P	12 00 14.7 +0.5
Y49A				P		12 00 15.0 +0.8
Y43A	Makayla and Ka	21.40	355	P	P	12 00 15.8 +1.5
GOGA	Strider, Charl	21.41	357	P	P	12 00 15.7 +1.4
GOGA				P		12 00 14.8 +0.3
GOGA	Godfrey	21.41	13	P	P	12 00 15.3 +0.9
CCAR	Cane Creek	21.49	354	eP	P	12 00 13.6 -1.6
Y50A	Piedmont	21.50	7	P	P	12 00 15.9 +0.5
Z55A	Blythe	21.55	16	P	P	12 00 16.8 +0.9
Y41A	Eaglette Beard	21.56	352	P	P	12 00 17.1 +1.1
Y51A	Rockmart	21.60	9	P	P	12 00 16.7 +0.3
TXAR	Lajitas Array	21.66	323	P	P	12 00 17.9 +0.7
TXAR				LR		12 10 20.2
TX31	Lajitas Ar, Si	21.66	323	eP	P	12 00 18.0 +0.8
Y52A	Liburn	21.73	11	eP	P	12 00 18.6 +0.8
Y52A				P		12 00 18.6 +0.8
Y40A	Okolona	21.79	350	P	P	12 00 19.5 +1.0
Y53A	Monroe	21.82	12	P	P	12 00 19.5 +0.7
X45A	UM Field Stati	21.84	359	P	P	12 00 19.2 +0.2
OXF	Oxford	21.93	359	eP	P	12 00 19.9 0.0
OXF				P		12 00 20.3 +0.3
X48A	Hartselle	21.93	4	eP	P	12 00 19.6 -0.3
X48A				P		12 00 20.2 +0.1
X47A	Russellville	21.95	2	P	P	12 00 20.7 +0.5
Y54A	Tignal	22.02	14	P	P	12 00 21.0 +0.1
X49A	Woodville	22.05	6	P	P	12 00 21.5 +0.3
X50B	Fort Payne	22.07	7	P	P	12 00 21.7 +0.2
ATAH	Atahualpa	22.13	151	LR	LR	12 08 04.5
X40A	Basin Creek Fa	22.18	351	eP	P	12 00 22.5 -0.2
X40A				P		12 00 22.7 0.0
X51A	Calhoun	22.28	9	eP	P	12 00 23.4 -0.4
ABTX	Abilene, Hawie	22.32	336	eP	P	12 00 23.1 -1.2
MIAR	Mount Ida	22.36	350	eP	P	12 00 23.4 -0.8
MIAR				P		12 00 24.7 +0.1
MIAR	Mount Ida	22.36	350	eP	P	12 00 25.0 +0.4
UALR						

1d 11h

T38A	Diamond	24.91	350	P	P	12 00 49.0	-0.3
S43A	Fulton Ridge	25.00	358	P	P	12 00 49.9	-0.1
S47A	Hartford	25.07	4	P	P	12 00 49.7	-0.9
S45A	Carrier Mills	25.08	1	P	P	12 00 50.3	-0.5
T52A	Hallie	25.08	11	P	P	12 00 50.6	-0.2
S44A	Carbondale	25.10	359	P	P	12 00 51.0	+0.1
S41A	Jillico Farms	25.12	355	P	P	12 00 50.7	-0.4
SIUC	Southern Illin	25.12	359	eP	P	12 00 50.6	-0.5
AMTX	Amarillo	25.12	335	eP	P	12 00 50.7	-0.6
AMTX	Amarillo	25.12	335	P	P	12 00 51.3	0.0
S48A	Wedeman Farm	25.19	5	P	P	12 00 50.9	-0.9
S40A	Lebanon	25.21	353	P	P	12 00 51.9	0.0
S42A	Caledonia	25.23	357	P	P	12 00 51.1	-1.0
USIN	University of	25.39	2	eP	P	12 00 52.7	-0.8
S49A	Springfield	25.40	7	P	P	12 00 53.6	0.0
S39A	Bolivar	25.40	352	eP	P	12 00 53.5	-0.2
S39A	Bolivar	25.40	352	P	P	12 00 53.1	-0.6
S50A	Richmond	25.41	8	P	P	12 00 53.1	-0.6
FVM	French Village	25.42	357	eP	P	12 00 53.5	-0.4
S38A	Stockton	25.43	351	P	P	12 00 53.8	-0.0
S51A	Beattyville	25.49	10	eP	P	12 00 54.0	-0.5
S51A	Beattyville	25.49	10	P	P	12 00 54.4	-0.1
CCM	Cathedral Cave	25.54	356	eP	P	12 00 54.6	-0.3
CCM	Cathedral Cave	25.54	356	P	P	12 00 55.2	+0.2
S52A	Salversville	25.62	11	P	P	12 00 55.6	-0.1
R46A	Gibson Southern	25.65	3	P	P	12 00 55.6	-0.3
R44A	Waltonville	25.65	360	P	P	12 00 55.7	-0.2
R43A	Red Bud	25.70	358	P	P	12 00 56.3	0.0
R45A	Skylar, Fairfield	25.70	1	P	P	12 00 56.3	-0.1
R42A	Luebbering	25.74	357	P	P	12 00 56.5	-0.2
WCI	Wyandotte Cave	25.74	5	eP	P	12 00 56.2	-0.4
WCI	Wyandotte Cave	25.74	5	P	P	12 00 56.3	-0.4
BLA	Blacksburg	25.77	16	eP	P	12 00 56.8	-0.3
BLA	Blacksburg	25.77	16	P	P	12 00 56.6	-0.5
R47A	Wooly Knot Far	25.79	4	P	P	12 00 56.4	-0.8
R41A	Rosebud	25.79	356	P	P	12 00 56.9	-0.3
R40A	Maddies Station	25.87	354	eP	P	12 00 56.7	-1.2
R40A	Maddies Station	25.87	354	P	P	12 00 57.5	-0.4
R49A	Shelbyville	25.91	7	P	P	12 00 57.5	-0.7
R38A	Fenwick Farm	25.97	351	P	P	12 00 58.5	-0.4
R39A	Chumby, Stover	25.98	353	P	P	12 00 58.6	-0.3
SLM	Saint Louis	26.07	358	eP	P	12 00 58.8	-0.9
OLIL	Olney	26.15	1	eP	P	12 01 00.0	-0.4
Q44A	Meyer Farm, Va	26.30	360	P	P	12 01 01.5	-0.3
Q45A	Warren Harvey	26.30	1	P	P	12 01 01.6	-0.2
Q42A	Golden Eagle	26.35	357	P	P	12 01 02.3	+0.1
121A	Cookes Peak, D	26.41	322	P	P	12 01 03.0	-0.1
Q47A	Bedord North L	26.43	4	P	P	12 01 02.4	-0.6
Q41A	Truxton	26.44	356	P	P	12 01 02.8	-0.2
Q48A	North Vernon	26.48	6	P	P	12 01 02.9	-0.6
Q40A	Laux Farm, Aux	26.55	354	P	P	12 01 03.4	-0.2
319A	Douglas	26.56	318	eP	P	12 01 06.2	+1.8
Q49A	Aurora	26.65	7	P	P	12 01 04.1	-0.8
Q38A	Cookes Store, C	26.69	352	P	P	12 01 04.8	-0.5
Q39A	Willow Grove F	26.69	353	P	P	12 01 04.6	-0.7
Q51A	Peebles	26.89	10	P	P	12 01 07.0	-0.1
BNM	Barren Site	26.92	326	eP	P	12 01 09.0	+1.3
P45A	Graceland, Par	26.95	2	P	P	12 01 07.0	-0.7
P47A	Martinsville	26.99	5	P	P	12 01 07.1	-0.9
P42A	Winchester	27.02	358	eP	P	12 01 07.4	-0.8
P42A	Winchester	27.02	358	P	P	12 01 07.6	-0.6
Q52A	Bidwell	27.02	11	P	P	12 01 08.1	-0.1
P40A	Milroy	27.04	6	P	P	12 01 07.3	-1.2
P48A	Milroy	27.07	355	eP	P	12 01 07.6	-1.1
P40A	Paris	27.07	355	P	P	12 01 08.1	-0.7
P39B	Salisbury	27.10	353	P	P	12 01 08.6	-0.4
NNA	Nana	27.11	153	LR	LR	12 09 59.4	
LENN	Lemnit	27.12	326	eP	P	12 01 11.6	+2.1
P41A	Barry, Barry	27.14	356	P	P	12 01 08.7	-0.7
R58B	Mineral	27.21	19	P	P	12 01 09.8	-0.3
P38A	Dawn	27.23	352	eP	P	12 01 10.4	-0.7
P38A	Dawn	27.23	352	P	P	12 01 10.6	-0.5
P51A	Williamsport	27.38	10	P	P	12 01 11.3	-0.2
P37A	Lathrop	27.41	351	P	P	12 01 11.0	-0.8
ANMO	Albuquerque	27.43	327	P	P	12 01 12.1	-0.2
ANMO	Albuquerque	27.43	327	eP	P	12 01 14.4	+2.1
ANMO	Albuquerque	27.43	327	P	P	12 01 12.4	+0.1
Q41A	Passleys Farm	27.57	357	P	P	12 01 12.3	-0.9
O40A	La Belle	27.64	355	P	P	12 01 13.5	-0.4
O45A	Potomac	27.67	2	P	P	12 01 13.7	-0.4
P52A	Corning	27.69	11	P	P	12 01 14.1	-0.2
P53A	Whipple	27.70	13	P	P	12 01 14.4	0.0
O47A	Sheridan	27.74	5	P	P	12 01 13.7	-1.1
O39A	Kirksville	27.84	354	P	P	12 01 15.2	-0.4
O48A	Farmland	27.86	6	P	P	12 01 14.6	-1.2

2012 SEP

CBKS	Cedar Bluff	27.92	342	eP	P	12 01 16.2	-0.2
CBKS	Cedar Bluff	27.92	342	P	P	12 01 16.5	+0.1
O50A	Cable	27.94	9	P	P	12 01 15.9	-0.7
O51A	Pataskala	28.10	10	P	P	12 01 17.6	-0.4
ACSO	Alum Creek Sta	28.12	10	eP	P	12 01 17.8	-0.4
ACSO	Alum Creek Sta	28.12	10	P	P	12 01 17.7	-0.4
TUC	Tucson	28.14	318	eP	P	12 01 18.5	0.0
N41A	Harden Midland	28.16	357	eP	P	12 01 17.7	-0.8
N41A	Harden Midland	28.16	357	P	P	12 01 17.7	-0.8
T25A	Trinidad	28.20	333	eP	P	12 01 19.9	+0.7
T25A	Trinidad	28.20	333	P	P	12 01 19.4	+0.3
O52A	Adamsville	28.22	12	P	P	12 01 18.5	-0.5
N43A	Stutzman Famil	28.34	360	P	P	12 01 19.9	-0.1
N40A	Mertquake, Sal	28.38	356	P	P	12 01 19.9	-0.5
N39A	Derby Farms, D	28.45	354	eP	P	12 01 20.4	-0.7
N39A	Derby Farms, D	28.45	354	P	P	12 01 20.5	-0.6
N48A	Decatur	28.46	6	P	P	12 01 20.2	-1.0
N37A	Lee Faris, Mou	28.54	352	eP	P	12 01 21.4	-0.4
SDMD	Soldiers Del	28.87	20	eP	P	12 01 25.6	+0.8
M40A	Post Highland	28.89	356	P	P	12 01 24.5	-0.5
M39A	Wesler	29.02	355	P	P	12 01 25.4	-0.7
KSCO	Kaye Shedlock	29.08	338	eP	P	12 01 26.9	0.0
KSCO	Kaye Shedlock	29.08	338	P	P	12 01 27.0	+0.2
SDCO	Great Sand Dun	29.19	332	eP	P	12 01 28.5	+0.5
SDCO	Great Sand Dun	29.19	332	P	P	12 01 27.9	-0.1
M50A	Fremont	29.26	9	P	P	12 01 27.7	-0.5
L41A	Preston	29.51	358	P	P	12 01 29.9	-0.5
L40A	Anamosa	29.53	357	eP	P	12 01 29.7	-0.9
L40A	Anamosa	29.53	357	P	P	12 01 29.9	-0.7
L39A	Winster	29.64	355	P	P	12 01 31.0	-0.7
S22A	4UR Ranch, Cre	29.81	331	eP	P	12 01 34.0	+0.5
S22A	4UR Ranch, Cre	29.81	331	P	P	12 01 33.3	-0.2
X16A	Lo Mia Camp, P	29.92	321	eP	P	12 01 36.0	+1.6
M54A	Oil Creek Stat	30.02	14	P	P	12 01 34.8	-0.2
K41A	Shullsburg	30.03	358	P	P	12 01 34.8	-0.3
K40A	Colesburg	30.16	357	P	P	12 01 35.6	-0.6
K39A	Delwin	30.21	356	P	P	12 01 35.8	-0.8
K38A	Parkersburg	30.23	354	eP	P	12 01 36.2	-0.7
K38A	Parkersburg	30.23	354	P	P	12 01 36.1	-0.7
JFWS	Jewell Farm	30.33	358	eP	P	12 01 37.1	-0.7
JFWS	Jewell Farm	30.33	358	P	P	12 01 37.0	-0.7
K36A	Gilmore City	30.42	352	P	P	12 01 37.8	-0.7
K37A	Belmond	30.44	353	P	P	12 01 37.8	-0.9
N59A	State Game Lan	30.58	20	P	P	12 01 39.6	-0.4
WUAZ	Wupatki	30.62	322	eP	P	12 01 42.1	+1.6
WUAZ	Wupatki	30.62	322	P	P	12 01 40.1	-0.4
J42A	Columbus	30.72	360	P	P	12 01 40.3	-0.8
J41A	Logville	30.78	358	P	P	12 01 41.5	-0.1
J39A	Decora	30.83	356	P	P	12 01 41.1	-1.0
J40A	Soldiers Grove	30.84	357	P	P	12 01 41.4	-0.8
J38A	Wedel Dairy, R	30.87	355	P	P	12 01 41.9	-0.6
ISCO	Idaho Springs	30.94	335	eP	P	12 01 45.0	+1.5
ISCO	Idaho Springs	30.94	335	P	P	12 01 43.0	-0.5
J37A	Redenius Farm	30.97	353	P	P	12 01 42.6	-0.7
SMCO	Snowmass	31.03	332	eP	P	12 01 45.2	+0.8
J36A	Seneca 1, Swea	31.08	352	eP	P	12 01 43.3	-1.0
J36A	Seneca 1, Swea	31.08	352	P	P	12 01 43.5	-0.8
PV02	Paradox Valley	31.11	329	eP	P	12 01 49.5	+4.5
PV05	Paradox Valley	31.11	329	eP	P	12 01 46.4	+0.7
PV03	Paradox Valley	31.12	329	eP	P	12 01 46.8	+0.9
PV18	Skein Mesa, Pa	31.23	329	eP	P	12 01 46.6	+0.7
PV12	Saucer Basin	31.23	329	eP	P	12 01 47.1	+1.2
PV11	David Mesa, Pa	31.25	329	eP	P	12 01 47.1	+1.0
PV17	East Wray Mesa	31.28	329	eP	P	12 01 46.9	+0.5
PV16	Nyswonger Mes	31.28	329	eP	P	12 01 47.0	+0.6
I42A	Draeger Farm	31.29	0	eP	P	12 01 45.4	-0.8
I42A	Draeger Farm	31.29	0	P	P	12 01 45.1	-1.0
I43A	Langenfeld Bro	31.29	1	P	P	12 01 45.1	-1.0
PV19	Morning Glory	31.31	329	eP	P	12 01 49.5	+2.8
I40A	Norwalk	31.32	358	P	P	12 01 45.5	-0.9
PV20	West Nyswonger	31.33	329	eP	P	12 01 47.5	+0.7
I39A	Houston	31.33	356	eP	P	12 01 45.3	-1.2
I39A	Houston	31.33	356	P	P	12 01 45.6	-0.9
PV14	Lion Creek, Pa	31.38	329	eP	P	12 01 48.1	+0.7
PV12	Blue Mesa, Par	31.39	329	eP	P	12 01 48.6	+1.3
PV10	Paradox Valley	31.39	329	eP	P	12 01 47.5	+0.1
PV23	Carpenter Ridge	31.43	329	eP	P	12 01 49.1	+1.2
I38A	Scanlan Farm	31.57	355	P	P	12 01 47.8	-0.8
PTGA	Phila	31.59	112	LR	LR	12 17 16.1	
I37A	Lemond, Waseca	31.65	354	eP	P	12 01 48.5	-0.8
I37A	Lemond, Waseca	31.65	354	P	P	12 01 49.0	-0.3
ECSD	EROS Data Cent	31.85	349	eP	P	12 01 49.7	-1.3
ECSD	EROS Data Cent	31.85	349	P	P	12 01 49.9	-1.1
W13A	Hualapai Mount	31.90	319	eP	P	12 01 53.8	+1.9
N23A	Red Feather La	32.00	335	eP	P	12 01 55.1	+2.3
N23A	Red Feather La	32.00	335	P	P	12 0	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LASA Array, Madison River, Holmes Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RCP, MYLDM, JOW, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISJCJB, IDC, NEIC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUR0, BUR0A, etc.

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

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2012 SEP

Table with columns for station name, coordinates, and various parameters. Includes stations like HJH Hachijo jima 2, JHU Mitsue, LEM Lembang, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like HNR Honiara, YSS Yuzh-Sakhalins, KLR Kul'dur, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like ZEI, TOLK Toolik Lake Re, MCK McKinley, etc.

Station identification and location information for the Philippines Islands region, including coordinates and station names like BESP Borongan, BESP Palo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MBWA Marble Bar, USRK Ussuriysk Ar., ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MYKOM Kota Tinggi, KULM Kulim, KSAR Wonju Array Be, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BRVK Borovoye, BRVK Borovoye, SVE Sverdllovsk, etc.

IDC 01 14:54:13.0±0.5, 10.61N:126.81E, h0km, mb4.3/20, mbl 4.4/20, mblmx4.1/61, mbtmp4.3/20, Error ellipse: s-maj=30.9km s-min=12.0km az=77.0

ISCJB 01 14:54:2.0±0.5, 10.61N:0.07±126.8E:0.2, h2km, mb4.3/20, Error ellipse: s-maj=25.6km s-min=9.8km az=170.5

ISC 01 14:54:16.2±0.6, 10.6N:0.1±126.8E:0.2, h2km, n24, o573/25, mb4.4/20, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, KSRs Korea Array, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YSS Yuzh-Sakhalins, KLR Kul'dur, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BR101 Keskin Array B, BRTR Keskin Array B, FIAO FINESS Array S, etc.

IDC 01 14:55:24.6±0.5, 10.62N:126.78E, h0km, mb4.4/30, mbl 4.5/30, mblmx4.3/62, mbtmp4.4/30, MS3/3, Ms1 3.5/3, m1mx3.0/38, Error ellipse: s-maj=21.8km s-min=10.6km az=80.0

ISCJB 01 14:55:25.7±0.2, 10.62N:0.04±126.97E:0.06, h20km, mb4.6/39, MS4.1/2, Error ellipse: s-maj=8.7km s-min=5.0km az=171.3

BJI 01 14:55:25.1, 10.56N, 126.92E, h19km, mb4.7/30, mb4.9/19, MS4.4/12, Ms7.4/0.12

MOS 01 14:55:27.7±0.1, 10.64N:126.91E, h33km, mb5.0/22, Error ellipse: s-maj=15.1km s-min=6.4km az=112.2

NEIC 01 14:55:29.6±0.2, 10.63N:126.86E, h35km, mb4.8/12, Error ellipse: s-maj=8.8km s-min=4.5km az=82.0

ISC 01 14:55:27.9±0.4, 10.64N:0.05±126.96E:0.08, h20km, n129, o122/136, mb4.7/39, 12C-7D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BUTP Butuan, TBP Tagbilaran, BUKP Musuan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MA2 Magadan, MK01 Makanchi Array, MK31 Makanchi Array, etc.

IDC 01 14:56:01.9±0.7, 10.57N:126.73E, h0km, mb4.4/13, mbl 4.5/13, mblmx4.1/62, mbtmp4.4/13, Error ellipse: s-maj=42.8km s-min=15.7km az=75.0

ISCJB 01 14:56:05.1±0.5, 10.54N:0.08±126.8E:0.2, h35km, mb4.4/17, Error ellipse: s-maj=24.6km s-min=10.4km az=163.9

NEIC 01 14:56:07.0±0.3, 10.55N:126.76E, h35km, mb4.4/1, Error ellipse: s-maj=17.2km s-min=7.2km az=76.0

ISC 01 14:56:07.1±0.7, 10.6N:0.1±126.8E:0.2, h35km, n23, o564/25, mb4.5/17, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like XAN Xian, XAN Xian, WRA Warrungarra Arr, etc.

Table with columns: FINESS Array B, AKASG Malin Array B, BRG Bergieshubel, GERES GRESS Array B. Includes frequency, power, and SNR values.

Table with columns: PAVA PAVA, LBRFS La Brisas, LFUJ La Fuente, SNET Serv Nac Est T, SNET Serv Nac Est T. Includes frequency, power, and SNR values.

Table with columns: TXAR comp=2.0,6nm,0.8s,ba... ScP ScP. Includes frequency, power, and SNR values.

ISK 01 15:54:39.6,35.23N,32.23E,h30km,ML3.5/19
JSD 01 15:54:40.3,30.35N,21.32E,2'0,h10km,M3.8/7,
Mjma3.6/7,ML3.4/6,MLV4.1/7
GII 01 15:54:40.3,0.6,35.43N,32.51E,h44km
NIC 01 15:54:41.8,0.2,35.33N,32.35E,h65km,ML3.5
DDA 01 15:54:43.1,35.43N,32.52E,h44km,M3.5
ISC 01 15:54:40.5,1.2,35.29N,0.003,32.21E,0.03,h30km,13km,
n85,c1929/95,Cyprus region

Table with columns: OPAM San Salvador, TELN Telica, COLS Colinas, UUES San Salvador. Includes frequency, power, and SNR values.

Table with columns: TXAR comp=2.0,6nm,0.8s,ba... ScP ScP. Includes frequency, power, and SNR values.

Main table listing station names, coordinates, and various parameters like Az, Phase ID, Op, ISC, h m s, Res, and ISC.

Main table listing station names, coordinates, and various parameters like Az, Phase ID, Op, ISC, h m s, Res, and ISC.

Main table listing station names, coordinates, and various parameters like Az, Phase ID, Op, ISC, h m s, Res, and ISC.

IDC 01 15:54:35.4,0.7,12.83N,87.61W,h0km,mb4.1/12,
mb1.4,3/14,mb1mx4.0/56,mbtmp4.0/14,ML3.4/2,MS3.6/25,
MS1.3.6/25,ms1mx3.4/49,Error ellipse: s-maj=36.4km
s-min=15.6km az=53.0
ISCJB 01 15:54:41.6,0.4,12.50N,0.03,88.33W,0.03,h56km,2km,
mb4.2/20,MS3.7/24,Error ellipse: s-maj=6.7km
s-min=2.9km az=53.0
NEIC 01 15:54:41.0,0.4,12.46N,88.35W,h35km,mb4.4/8,
MD4.4(SNET),Error ellipse: s-maj=9.4km s-min=4.8km
az=36.0
NEIC Felt [I] at San Salvador. Also felt at San Vicente.
UCR 01 15:54:42.6,1.6,12.58N,88.31W,h34km,14km,MD4.2,
ML4.3,mb4.4(NEIC)
ISC 01 15:54:43.0,1.1,12.59N,0.06,88.30W,0.04,h52km,9km,
n286,c1910/267,mb4.2/20,MS3.8/24,1C-6D,Off coast of
Central America

Table with columns: BOOS Boqueron, CNGN Cerro Negro, COPM Copaltepe, MOPM Momotombo, TGUH Tegucigalpa,Un, SBLN San Jose, SNJE San Jose, RTR El Retiro, BRAN Las Pailas, ESTN Estel, ESTN Estel, XAVN Gruta Xavier, MGAN Managua, MGAN. Includes frequency, power, and SNR values.

Table with columns: TXAR comp=2.0,6nm,0.8s,ba... ScP ScP. Includes frequency, power, and SNR values.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, h m s, Res, and ISC.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, h m s, Res, and ISC.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, h m s, Res, and ISC.

Q40A	Laux Farm, Aux	26.51 353	P	P	16 00 15.5 -0.1
Q39A	Willow Grove F	26.68 352	P	P	16 00 17.0 -0.1
Q38A	Cookes Store, C	26.69 351	P	P	16 00 17.4 +0.2
Q51A	Peebles	26.70	9	P	16 00 17.7 +0.4
121A	Cookes Peak, D	26.70 321	P	P	16 00 18.0 +0.4
P47A	Martinsville	26.85	3	P	16 00 18.2 -0.5
NNA	Nana	26.93 155	LR	LR	16 09 04.3
P42A	Winchester	26.95 357	P	P	16 00 19.5 0.0
P40A	Paris	27.04 354	P	P	16 00 21.1 +0.7
P39B	Salisbury	27.08 352	P	P	16 00 20.9 +0.1
P41A	Barry, Barry	27.09 355	P	P	16 00 20.2 -0.6
P38A	Dawn	27.33 351	P	P	16 00 22.8 -0.1
P53A	Whipple	27.48 12	P	P	16 00 24.6 +0.3
P52A	Corning	27.49 10	P	P	16 00 24.4 +0.1
O45A	Potomac	27.56 1	P	P	16 00 24.6 -0.4
ANMO	Albuquerque	27.68 327	P	P	16 00 28.1 +1.7
O50A	Cable	27.76 8	P	P	16 00 26.8 -0.1
N41A	Harden Midland	28.10 356	P	P	16 00 29.6 -0.2
T25A	Trinidad	28.39 332	eP	P	16 00 34.1 +1.3
T25A	Trinidad	28.39 332	P	P	16 00 34.1 +1.3
SDCO	Great Sand Dune	29.39 331	P	P	16 00 43.4 +1.8
S22A	4UR Ranch, Cre	30.03 330	P	P	16 00 48.7 +1.3
K37A	Belmond	30.43 352	P	P	16 00 50.2 -0.2
J37A	Redenius Farm,	30.53 353	P	P	16 00 55.1 +0.1
PTGA	Pittinga	31.07 113	LR	LR	16 14 13.0
ISCO	Idaho Springs	31.12 334	P	P	16 00 58.3 +1.4
SMCO	Snowmass	31.23 331	eP	P	16 00 56.4 -1.7
PV12	Sauce Basin,	31.48 328	eP	P	16 01 01.4 +1.5
PV12	Skein Mesa, Pa	31.48 328	eP	P	16 01 01.4 +1.5
PV11	David Mesa, Pa	31.48 328	eP	P	16 01 01.3 +1.3
PV17	East Wray Mesa	31.51 328	eP	P	16 01 01.2 +0.9
PV16	Nyswonger Mesa	31.52 328	eP	P	16 01 01.1 +0.7
I38A	Scanlan Farm,	31.54 354	P	P	16 01 00.0 -0.2
H40A	Chili	31.98 357	P	P	16 01 03.4 -0.7
H36A	Jessenland, He	32.24 352	P	P	16 01 06.7 +0.3
H35A	Sunnydale Ranc	32.49 351	P	P	16 01 08.1 -0.4
SAML	Samuel	32.87 129	eP	P	16 01 11.6 -0.6
SADO	Sadowa	33.02 12	P	P	16 01 11.8 -1.3
F38A	Pierce - Schro	33.40 355	P	P	16 01 15.8 -0.7
E39A	Mellen	33.73 357	P	P	16 01 18.7 -0.7
LPAZ	La Paz	34.94 145	P	P	16 01 29.6 -1.3
LPZ1	Padre	35.15 14	LR	LR	16 15 15.4
PDAR	Pinedale Array	35.27 332	P	P	16 01 31.4 -1.5
PDAR	Pinedale Array	35.27 332	P	P	16 01 33.2 +0.3
PDAR	Pinedale Array	35.27 332	P	P	16 01 33.2 +0.3
PDAR	Pinedale Array	35.27 332	P	P	16 01 33.2 +0.3
AHID	Auburn Hatcher	35.99 331	eP	P	16 01 39.3 +0.3
REDW	Red Top Meadow	36.32 332	eP	P	16 01 42.7 +0.7
SNOW	Snow King Moun	36.35 332	eP	P	16 01 43.5 +1.2
LOHW	Long Hollow	36.40 332	eP	P	16 01 43.8 +0.9
TPAW	Teton Pass	36.47 332	eP	P	16 01 43.6 +0.1
MOOW	Moose Ponds	36.57 332	eP	P	16 01 44.8 +0.6
FXWY	Fox Creek	36.62 332	eP	P	16 01 45.2 +0.7
A33A	Warroad	36.72 352	P	P	16 01 44.4 -0.6
FLWY	Flag Ranch	36.81 333	eP	P	16 01 46.6 +0.4
RLMT	Red Lodge	37.03 335	P	P	16 01 47.9 -0.1
RLMT	Red Lodge	37.03 335	P	P	16 01 47.5 -0.5
NVAR	Mina Array Bea	37.06 319	P	P	16 01 49.3 +1.0
NVAR	Mina Array Bea	37.06 319	P	P	16 01 49.3 +1.0
NVAR	Mina Array Bea	37.06 319	P	P	16 01 49.3 +1.0
NVAR	Mina Array Bea	37.06 319	P	P	16 01 49.3 +1.0
ULM	Lac du Bonnet	38.07 352	P	P	16 01 54.8 -1.6
ULM	Lac du Bonnet	38.07 352	P	P	16 01 54.8 -1.6
ULM	Lac du Bonnet	38.07 352	P	P	16 01 54.8 -1.6
ULM	Lac du Bonnet	38.07 352	P	P	16 01 54.8 -1.6
DGMT	Dagmar	38.14 343	P	P	16 01 54.9 -1.5
DGMT	Dagmar	38.14 343	P	P	16 01 57.0 -0.2
HLID	Hailey	38.19 329	eP	P	16 01 58.4 +0.4
HLID	Hailey	38.19 329	eP	P	16 01 58.4 +0.4
MCMT	McKenzie Canyo	38.37 332	eP	P	16 02 01.4 +2.0
BOZ	Bozeman (W)	38.41 333	eP	P	16 01 59.8 +0.2
BOZ	Bozeman (W)	38.41 333	eP	P	16 02 00.2 +0.7
LRM	Limekiln Ridge	38.95 333	eP	P	16 02 05.3 +1.1
EGMT	Eagleton	39.61 337	P	P	16 02 10.1 +0.6
M50	Missoula	40.48 333	P	P	16 02 16.5 +0.6
YBH	Ireka Blue Hor	41.72 321	LR	LR	16 21 22.5
RPN	Rapa Nui	44.45 207	LR	LR	16 16 25.2
SCHO	Schefferville	45.27 17	LR	LR	16 22 53.0
BDFB	Brasilia	48.74 124	LR	LR	16 25 31.7
CPUP	Villa Florida	49.03 142	P	P	16 03 23.2 -1.6
YKA	Yellowknife Ar	53.27 345	P	P	16 03 55.4 -0.7
YKA	Yellowknife Ar	53.27 345	P	P	16 03 55.4 -0.7
DLBC	Dease Lake	55.43 335	P	P	16 02 12.8 +0.8
INK	Inuvik	62.83 343	P	P	16 05 02.5 -0.4
IL1	Eielson Array	65.56 336	eP	P	16 05 19.7 -1.2
ILAR	Eielson Array	65.56 336	eP	P	16 05 19.6 -1.3
ILAR	Eielson Array	65.56 336	eP	P	16 05 19.6 -1.3
KDAK	Kodiak Island	65.81 328	LR	LR	16 34 16.3
RND	Reindeer	65.83 335	eP	P	16 05 22.5 -0.3
PPT	Papeete	67.50 245	LR	LR	16 29 34.8
PPT2	Papeete2	67.51 245	eLR	LR	16 25 56.1
TBI	Tubuai	69.67 239	eLR	LR	16 26 55.8
ESDC	Sonsecsa Array	77.76 52	P	P	16 06 31.0 -3.9
RAR	Rarotonga	77.79 245	LR	LR	16 32 11.7
SPITS	Spitsbergen Ar	80.74 12	LR	LR	16 43 15.2
DBIC	Dimbokro	82.20 85	LR	LR	16 40 17.6
NORSA	NORSAR Array B	83.65 29	LR	LR	16 40 29.0
TOAD	Torodi Ar. Bea	87.19 17	LR	LR	16 43 05.7
GERES	GERES Array B	88.37 40	LR	LR	16 42 47.5

FINES	FINES Array B	90.21 26	LR	LR	16 45 48.1
VAE	Valguarnera	92.28 51	LR	LR	16 45 44.4
SONM	Sonjing Array	118.44 349	PKP	PKPdf	16 13 24.5 -0.7
MKAR	Makanchi Array	120.29 7	PKP	PKPdf	16 13 27.0 -1.6
LZH	Lanzhou	130.25 347	ePKP	ePKP	16 13 48.3 +0.2
LZH	Lanzhou	130.25 347	ePKP	ePKP	16 13 59.5 -4.3
LZH	Lanzhou	130.25 347	ePKP	ePKP	16 14 03.5
LZH	Lanzhou	130.25 347	ePKP	ePKP	16 14 03.5
STKA	Stephens Creek	130.46 239	PKP	PKPdf	16 13 50.0 +1.6
WRA	Warramunga Arr	138.51 254	PKP	PKPdf	16 14 02.9 -0.9
ASAR	Alaska Springs	138.55 248	PKP	PKPdf	16 14 03.7 -0.1
FITZ	Fitzroy Cross	146.85 256	PKP	PKP	16 14 21.3 -0.5
CMAR	Chiang Mai Arr	148.34 307	PKP	PKPdf	16 14 22.0 +1.0

IDC 01 15:57:50.6;3.0, 4.50N-93.22E, h0km, mb3.6/2, mb1 3.7/4, mb1 mx3.3/7.3, mbtmp3.5/4, ML3.4/2, Error ellipse: s-maj=89.9km s-min=28.7km az=54.0, Off west coast of northern Sumatra

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h	m	s	ISC
PSI	Prapat	5.94 106	Op	Pn	15 59 19.0	-1.0			
CMAR	Chiang Mai Arr	14.95 22	Pn	Pn	16 01 24.6 +1.2				
H08S3	Diego Garcia H	23.95 240	T	T	16 29 01.4				
H08S2	Diego Garcia H	23.95 240	T	T	16 28 54.6				
H08S1	Diego Garcia H	23.96 240	T	T	16 28 59.1				
MKAR	Makachi Array	43.18 349	P	P	16 05 52.9 -0.3				
WRA	Warramunga Arr	47.0 152	P	P	16 06 25.4 +0.3				

IDC 01 16:10:00.3;1.9, 13.24S-166.77E, h0km, mb3.9/2, mb1 3.9/4, mb1 mx3.6/45, mbtmp3.7/4, ML3.6/1, Error ellipse: s-maj=53.2km s-min=35.7km az=123.0, Vanuatu Islands

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h	m	s	ISC
DZM	Mont Dzumac	8.79 182	Op	Pn	16 12 10.2	+1.3			
DZM	Mont Dzumac	8.79 182	Op	Pn	16 13 32.4	-1.6			
STKA	Stephens Creek	29.62 227	P	P	16 16 06.5	-1.0			
WRA	Warramunga Arr	31.75 253	P	P	16 16 26.9 +0.5				
ASAR	Alaska Springs	32.78 247	P	P	16 16 35.7 +0.1				
ARCES	ARCES Array B	118.70 345	PKP	PKPdf	16 28 41.8	-1.1			
FINES	FINES Array B	124.17 338	PKP	PKPdf	16 29 03.3 +0.7				

IDC 01 16:10:38.3;2.9, 4.133S-175.00E, h0km, mb3.9/2, mb1 3.9/4, mb1 mx3.6/45, mbtmp3.7/4, ML3.1/2, MS2.4/1, Ms1 2.4/1, ms1 mx2.2/4.1, Error ellipse: s-maj=70.0km s-min=24.9km az=137.0

ISCJB 01 16:10:41.4;0.3, 4.160S-175.00E, h0km, mb3.9/2, mb3.8/2, Error ellipse: s-maj=7.0km s-min=3.1km az=39.1

NEIC 01 16:10:43.0;0.4, 4.142S-175.00E, h26km, ML4.0(WEL), After WEL.

NEIC Felt at Wellington.

WEL 01 16:10:43.2;4.1, 45.0S-175.00E, 0.3, h24km, ML4.2/16

ISC 01 16:10:42.3;0.8, 4.150S-175.06E, 0.03, h32km, 5km, n169, n181/174, North Island

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h	m	s	ISC
BHW	Baring Head	0.17 303	Op	Sb	16 10 48.1	-0.3			
BHW	Baring Head	0.17 303	Op	Sb	16 10 51.5	-1.1			
BHW	Baring Head	0.17 303	Op	Sb	16 10 48.1	-0.3			
BHW	Baring Head	0.17 303	Op	Sb	16 10 54.1	-1.1			
PLWZ	Palliser	0.17 116	P	Pn	16 10 49.7 +1.1				
PLWZ	Palliser	0.17 116	P	Pn	16 10 49.7 +1.1				
PLWZ	Palliser	0.17 116	P	Pn	16 10 49.7 +1.1				
PLWZ	Palliser	0.17 116	P	Pn	16 10 49.7 +1.1				
MSWZ	Moikau Station	0.17 61	P	Pn	16 10 54.9 +2.1				
MSWZ	Moikau Station	0.17 61	P	Pn	16 10 54.9 +2.1				
MSWZ	Moikau Station	0.17 61	P	Pn	16 10 54.9 +2.1				
MSWZ	Moikau Station	0.17 61	P	Pn	16 10 54.9 +2.1				
PAWZ	Paruawai Farm	0.30 68	P	Pn	16 10 51.0 +0.9				
PAWZ	Paruawai Farm	0.30 68	P	Pn	16 10 51.0 +0.9				
PAWZ	Paruawai Farm	0.30 68	P	Pn	16 10 51.0 +0.9				
PAWZ	Paruawai Farm	0.30 68	P	Pn	16 10 51.0 +0.9				
WEL	Wellington	0.30 315	Op	Sb	16 10 49.5	-0.5			
CAW	Cannon Point	0.39 1	P	Pn	16 10 59.5 +0.2				
CAW	Cannon Point	0.39 1	P	Pn	16 10 51.0 -0.2				
CAW	Cannon Point	0.39 1	P	Pn	16 10 56.6 -0.7				
MTW	Mount Morrison	0.48 45	P	Pn	16 10 53.2 +0.7				
MTW	Mount Morrison	0.48 45	P	Pn	16 10 53.2 +0.7				
TRWZ	Traveller	0.49 78	P	Pn	16 10 54.1 +1.1				
TRWZ	Traveller	0.49 78	P	Pn	16 10 54.1 +1.1				
KIW	Kapiti Island	0.65 350	P	Pn	16 10 54.8 -0.4				
KIW	Kapiti Island	0.65 350	P	Pn	16 10 54.8 -0.4				
TCW	Tory Channel	0.65 296	P	Pn	16 10 55.1 -0.1				
TCW	Tory Channel	0.65 296	P	Pn	16 10 55.1 -0.1				
CMWZ	Cape Campbell	0.68 248	P	Pn	16 10 57.4 +1.7				
CMWZ	Cape Campbell	0.68 248	P	Pn	16 10 57.4 +1.7				
OGWZ	Otagi Gorge	0.69 7	P	Pn	16 10 55.6 -0.1				
OGWZ	Otagi Gorge	0.69 7	P	Pn	16 10 55.6 -0.1				
HOWZ	Holdsforth Sta	0.69 30	P	Pn	16 10 56.2 +0.4				
HOWZ	Holdsforth Sta	0.69 30	P	Pn	16 10 56.2 +0.4				
HOWZ	Holdsforth Sta	0.69 30	P	Pn	16 10 56.2 +0.4				
HOWZ	Holdsforth Sta	0.69 30	P	Pn	16 10 56.2 +0.4				
TMWZ	Te Maunga	0.74 35	P	Pn	16 10 57.5 +0.8				

TNTI	Ternate	9.82 177	ePn	Pn	17 28 59.9	-1.3
KMSI	Cibinong	10.43 196	P	Pn	17 29 11.2	+1.8
LBMI	Labuha	11.23 177	P	Pn	17 29 20.9	+0.5
MRSI	Marisa	11.26 206	P	Pn	17 29 22.9	+2.2
SWI	Sorong	12.23 159	P	Pn	17 29 36.4	+2.3
SIJI	Sorong	12.23 159	Pn	Pn	17 29 37.4	+3.2
	1.1nm,0.3s,baz=10.0,slow=12,SNR=5.4					
LWUI	Luwuk	12.33 200	ePn	Pn	17 29 38.4	+3.0
LWUI	Luwuk	12.33 200	ePn	Pn	17 29 34.3	-1.1
YULB	Yu-Hi	13.76 338	ePn	Pn	17 29 54.1	+0.9
TPUB	Ta-pu	13.94 305	ePn	Pn	17 29 53.1	+4.3
TTSI	Tana Toraja	15.33 208	P	Pn	17 30 18.3	-2.3
	40nm,1.2s,541nm					
JOW	Kunigami	16.15 4	ePn	Pn	17 30 31.9	+2.3
	1.7nm,0.3s,baz=141,slow=21,SNR=22					
JOW	Kunigami	16.15 4	ePn	LR	17 30 31.9	+2.3
JOW	Kunigami	16.15 4	ePn	P	17 30 28.6	-1.0
	13nm,0.7s					
SPSI	Sidrap Falu	16.17 206	P	P	17 30 28.9	-1.0
	24nm,0.8s,251nm					
BNSI	Bone	16.42 205	P	P	17 30 31.7	-1.0
MTKI	Muara Tewehe, K	16.60 227	P	P	17 30 37.3	+2.5
SBUM	Sibu	16.71 242	ePn	Pn	17 30 31.7	-2.3
	7.5nm,0.8s					
BKSI	Bulukumba	17.25 203	P	P	17 30 42.5	+0.6
KBKI	Kotabaru	17.51 218	P	LR	17 30 46.3	+1.5
GUMO	Guam	17.79 79	LR	LR	17 35 40.1	
	comp=Z,218nm,20.8s,baz=264,slow=30					
STKI	Sintang	18.61 237	P	Pn	17 31 03.3	+5.9
GENI	Genyem	18.63 134	P	Pn	17 31 00.8	+3.2
SAUI	Saumiaki	19.02 167	P	P	17 31 03.9	+1.6
SARN	Sarigan	19.28 70	eP	P	17 31 01.9	-2.4
	83nm,1.4s					
MMRI	Maumere	19.72 194	P	Pn	17 31 12.1	+1.4
MMRI	Maumere	19.72 194	eP	P	17 31 07.2	-1.9
	40nm,0.7s					
EDFI	Ende, Flores	19.96 195	P	Pn	17 31 15.1	+1.4
	24nm,0.7s					
SOEI	Soe	20.44 188	P	Pn	17 31 19.7	+0.4
SOEI	Soe	20.44 188	eP	P	17 31 15.6	-1.4
	64nm,1.1s					
BATI	Baumata	20.97 189	P	P	17 31 21.1	-1.6
	54nm,0.6s,baz=360,slow=5,SNR=17					
BATI	Baumata	20.97 189	P	P	17 31 23.0	+0.3
	42nm,0.7s,450nm					
CBJI	Chichi jima	21.78 39	eP	P	17 31 31.3	0.0
	178nm,1.2s					
NJ2	Nanjing	22.56 342	eP	P	17 31 39.2	-0.4
	comp=Z,9.0nm,0.5s					
JNU	Nakatsu	22.66 9	P	P	17 31 41.5	+0.8
	11nm,1.0s,baz=174,slow=3,SNR=4.6					
JNU	Nakatsu	22.66 9	LR	LR	17 39 37.1	
JNU	Nakatsu	22.66 9	P	P	17 31 41.1	+0.4
	25nm,1.2s					
JAGI	Jajag, Banyuwana	22.85 214	eP	P	17 31 41.5	-1.4
	42nm,1.2s					
MTN	Manton Dam	23.71 170	eP	P	17 31 49.1	-2.2
	150nm,1.6s					
MANU	Manus Island	23.94 121	eP	P	17 31 51.9	-1.6
	47nm,1.6s					
PABU	Pangkal Pinang	24.29 240	P	P	17 32 03.8	+7.1
MYKA	Kota Tinggi	24.54 251	eP	P	17 31 58.1	-1.0
	14nm,0.8s					
GVA	Guiyang	24.76 312	eP	P	17 32 01.8	+0.7
GVA			pP	pP	17 32 10.5	+0.2
GVA			pP	pP	17 32 39.6	+5.7
GVA			PcP	PcP	17 35 39.0	+1.6
GVA			S	S	17 36 19.2	-2.3
GVA			sS	sS	17 36 34.3	-2.4
GVA			SsSn	SsSn	17 37 17.8	+8.2
	comp=Z,10.0nm,0.8s					
GVA			pmx	pmx		
GVA			pmx	pmx		
GVA			LR	LR		
GVA			LR	LR		
GVA			LR	LR		
GVA			LR	LR		
CHAI	Chaiyaphum	24.81 285	P	P	17 32 02.7	+1.2
	comp=Z,450nm,17.7s					
JHJ	Hachijo jima 2	25.30 26	LR	LR	17 42 10.1	
	comp=Z,7.7nm,19.3s,baz=294,slow=37					
ENH	Enshi	25.38 323	eP	P	17 32 07.0	+0.4
	33nm,1.1s					
PBKT	Sadao Pong	25.88 286	eP	P	17 32 09.1	-2.1
	4.9nm,0.8s					
LEM	Lembang	25.90 229	P	P	17 32 11.1	-0.5
	17nm,0.8s,baz=264,slow=16,SNR=4.9					
INU	Inuyama	26.25 19	eP	P	17 32 14.2	-0.1
	7.2nm,0.8s					
IPM	Ipoih	26.38 259	eP	P	17 32 15.4	-0.4
	65nm,1.9s					
KULM	Kulim	26.55 260	eP	P	17 32 16.5	-0.7
	28nm,1.4s					
KS15	Wonju Array Si	26.69 2	eP	P	17 32 18.8	+0.5
KSAR	Wonju Array Be	26.69 2	P	P	17 32 19.7	+1.5
KSAR	Wonju Array Be	26.69 2	P	P	17 32 19.7	+1.5
KSRS	Korea Array	26.70 2	P	P	17 32 19.7	+1.4
	2.2nm,0.8s,baz=166,slow=9.6,SNR=0.0					
KS01	Wonju Array Si	26.72 2	eP	P	17 32 19.2	+0.7
KMI	Kunming	27.07 305	P	P	17 32 22.4	+0.3
	comp=Z,12nm,0.6s					
KMI			pmx	pmx		
KMI			LR	LR		
KMI			LR	LR		
KMI			LR	LR		
MAJO	Matsushiro	27.73 20	eP	P	17 32 26.8	-0.8
	19nm,1.6s					
MAJO	Matsushiro	27.73 20	P	P	17 32 29.2	+1.6
MJAR	Matsushiro Arr	27.73 20	P	P	17 32 27.1	-0.5
	2.0nm,0.8s,baz=198,slow=10.0,SNR=5.3					
MJB9	Matsu-Tunnel	27.73 20	P	P	17 32 26.7	-1.0
	21nm,1.7s					
CM01	Chiang Mai Arr	28.12 289	eP	P	17 32 29.3	-2.0
MNAI	Manna	28.14 239	eP	P	17 32 30.1	-1.4
	48nm,1.3s					
CM31	Chiang Mai Arr	28.14 289	eP	P	17 32 29.3	-2.3
CMAR	Chiang Mai Arr	28.14 289	P	P	17 32 30.1	-1.5
	1.0nm,0.7s,baz=100,slow=7.2,SNR=9.3					
CMAR			LR	LR	17 42 21.7	
PMG	Port Moresby	28.33 134	eP	P	17 32 31.5	-1.7
	comp=Z,40nm,21.9s,baz=186,slow=34					
PMG	Port Moresby	28.33 134	eP	P	17 32 31.5	-1.7
	28nm,1.1s					
PMG	Port Moresby	28.33 134	eP	pmx	17 32 31.5	-1.7
XAN	Xi'an	28.52 327	P	P	17 32 37.6	+2.8
XAN			pP	pP	17 32 45.2	+1.1
XAN			pmx	pmx		
XAN			pmx	pmx		
FITZ	Fitzroy Crossi	28.59 183	P	P	17 32 34.3	-1.2
	comp=Z,3.1nm,0.8s,baz=357,slow=5.2,SNR=10					
FITZ	Fitzroy Crossi	28.59 183	eP	P	17 32 33.9	-1.6
	comp=Z,4.9nm,0.9s					
PSI	Prapat	28.85 256	P	P	17 32 37.2	-0.8
	comp=Z,4.2nm,0.6s,baz=180,slow=4.9,SNR=5.2					
PSI	Prapat	28.85 256	eP	LR	17 45 13.0	
	comp=Z,105nm,19.9s,baz=268,slow=39					
PSI	Prapat	28.85 256	eP	P	17 32 36.0	-2.0
	comp=Z,7.4nm,0.9s					
PSI	Prapat	28.85 256	eP	pmx	17 32 36.0	-2.0
	comp=Z,7.0nm,0.9s					
COEN	Coen	29.29 146	eP	P	17 32 40.7	-1.0
	comp=Z,18nm,1.0s					
CD2	Chengdu	29.47 317	eP	P	17 32 43.5	+0.3
CD2			S	S	17 37 37.3	+1.6
CD2			pmx	pmx		
	comp=Z,10.0nm,0.5s					
CD2			pmx	pmx		
	comp=Z,140nm,5.0s					
CD2			LR	LR		
	comp=Z,590nm,15.9s					
CD2			LR	LR		

GS1	Gunungsitoli	30.59 254	eP	P	17 32 51.3	-2.0
	comp=Z,210nm,13.9s					
WR1	Warramunga Arr	31.27 166	eP	P	17 32 57.6	-1.5
	comp=Z,15nm,0.9s					
WR1	Warramunga Arr	31.27 166	eP	PcP	17 32 57.6	-1.5
	comp=Z,2.1nm,0.6s,baz=349,slow=9.5,SNR=16					
WRA	Warramunga Arr	31.27 166	P	PcP	17 35 52.5	+0.7
	comp=Z,2.1nm,0.6s,baz=349,slow=9.5,SNR=16					
MBWA	Marble Bar	32.30 193	eP	P	17 33 07.1	-1.9
	comp=Z,44nm,1.9s					
LZH	Lanzhou	32.84 324	eP	P	17 33 14.0	+1.0
LZH			pP	pP	17 33 23.0	+0.6
LZH			sP	sP	17 33 26.1	-0.2
LZH			PP	PP	17 34 25.2	-2.4
	comp=Z,25nm,1.3s					
LZH			pmx	pmx		
HHC	Hu-ho-hao-te	32.99 338	eP	P	17 33 15.7	+1.5
	comp=Z,12nm,0.9s					
HHC			pmx	pmx		
HHC			pmx	pmx		
PBA	Port Blair	33.53 275	eP	P	17 33 17.6	-1.5
	comp=Z,77nm,4.1s					
USA0B	Ussuriysk Arr	33.71 7	eP	P	17 33 19.0	-1.3
	comp=Z,89nm,1.0s					
USR	Ussuriysk Arr	33.71 7	P	P	17 33 21.2	+0.9
	comp=Z,6.5nm,0.8s,baz=191,slow=9.0,SNR=10					
MDJ	Mudanjiang	33.92 3	P	pmx	17 33 20.3	-1.8
	comp=Z,14nm,1.1s					
MDJ			pmx	pmx		
AS31	Alice Springs	34.78 169	eP	P	17 33 28.2	-1.7
	comp=Z,96nm,2.9s					
ASAR	Alice Springs	34.78 169	P	P	17 33 28.8	-1.1
	comp=Z,1.8nm,0.6s					
ASAR	Alice Springs	34.78 169	P	PP	17 34 50.7	+1.5
	comp=Z,1.1nm,0.7s,baz=347,slow=11,SNR=4.1					
ASAR	Alice Springs	34.78 169	P	PcP	17 36 03.2	+0.2
	comp=Z,1.8nm,0.6s,baz=347,slow=8,SNR=13					
AS01	Alice Springs	34.79 169	eP	P	17 33 28.4	-1.5
CTA	Charters Tower	35.99 148	P	P	17 33 40.5	+0.3
	comp=Z,2.1nm,0.6s,baz=6.5,slow=8.5,SNR=4.4					
CTAO	Charters Tower	35.99 148	P	P	17 33 39.5	-0.8
	comp=Z,53nm,1.9s					
CTAO	Charters Tower	35.99 148	eP	pmx	17 33 39.5	-0.8
	comp=Z,53nm,1.9s					
ASAJ	Asahikawa	35.99 19	P	P	17 33 42.4	+2.4
	comp=Z,7.4nm,1.1s,baz=220,slow=7.9,SNR=3.4					
ASAJ	Asahikawa	35.99 19	P	LR	17 46 44.1	
	comp=Z,56nm,21.6s,baz=220,slow=33					
ASAJ	Asahikawa	35.99 19	eP	P	17 33 41.4	+1.3
	comp=Z,40nm,1.5s					
SHL	Shillong	36.31 299	eP	P	17 33 41.3	-2.0
	comp=Z,13nm,0.8s					
SHL	Shillong	36.31 299	eP	pmx	17 33 41.3	-2.0
	comp=Z,13nm,0.8s					
GTA	Gaotai	37.44 325	PP	P	17 33 53.9	+1.3
GTA			pP	pP	17 34 04.5	-1.4
GTA			sP	sP	17 34 08.5	+6.5
GTA			PcP	PcP	17 36 12.5	+1.7
GTA			S	S	17 39 42.2	+3.1
GTA			ScP	ScP	17 39 56.6	+0.7
GTA						

BRAL	Brewton	15.64	18	P	Pn	18 05 16.3 +0.2
DWPF	Disney Wildern	15.65	40	eP	P	18 05 15.3 +0.1
DWPF	Disney Wildern	15.65	40	eP	P	18 05 15.0 -0.2
242A	Grayson	15.68	2	P	Pn	18 05 16.5 -0.1
240A	Hunter Patters	15.68	356	eP	Pn	18 05 16.4 -0.2
240A	Hunter Patters	15.68	356	eP	Pn	18 05 16.4 -0.2
655A	Horsehoe	15.71	32	P	Pn	18 05 16.5 -0.4
553A	Crawfordville	15.72	27	P	Pn	18 05 16.9 -0.2
244A	Avery, Jackson	15.75	6	P	Pn	18 05 17.5 0.0
858A	St. Cloud	15.76	39	P	P	18 05 16.7 +0.2
349A	Repton	15.77	17	P	P	18 05 16.4 -0.1
245A	Little AP, Sta	15.84	9	P	Pn	18 05 18.5 0.0
757A	Oxford	15.89	36	P	P	18 05 18.4 +0.5
859A	Kempfer Cattle	15.94	41	P	P	18 05 18.6 +0.1
VBMS	Vicksburg	15.95	7	eP	P	18 05 18.7 +0.2
VBMS	Vicksburg	15.95	7	eP	P	18 05 20.1 +0.3
246A	Jackson Lee, B	15.95	11	P	Pn	18 05 20.6 +0.8
656A	Willston	15.97	34	eP	Pn	18 05 19.3 -0.7
656A	Willston	15.97	34	eP	Pn	18 05 19.8 -0.3
554A	Perry	15.97	29	P	Pn	18 05 19.9 -0.1
452A	Marianna	15.99	24	P	Pn	18 05 20.0 -0.2
HPIG		16.06	313	eP	Pn	18 05 21.2 -0.2
247A	Quitman	16.09	12	P	Pn	18 05 21.1 -0.3
350A	Dozier	16.09	20	P	Pn	18 05 21.8 +0.3
142A	Monroe	16.17	2	P	Pn	18 05 22.1 -0.3
WHTX	Lake Whitney,	16.21	345	eP	Pn	18 05 22.2 -0.6
WHTX	Lake Whitney,	16.21	345	eP	Pn	18 05 23.0 +0.2
351A	Pinckard	16.21	22	P	Pn	18 05 22.6 -0.3
141A	Papa Simpson,	16.22	359	eP	Pn	18 05 23.1 +0.1
140A	Cam and Jess,	16.27	357	eP	Pn	18 05 22.8 -0.8
140A	Cam and Jess,	16.27	357	eP	Pn	18 05 23.8 +0.2
248A	Dixon Mills	16.32	15	P	Pn	18 05 24.3 +0.1
453A	Whigham	16.34	26	eP	P	18 05 22.9 0.0
453A	Whigham	16.34	26	eP	P	18 05 23.8 -0.6
MAPC	Malpelo	16.34	137	eP	Pn	18 05 25.0 +0.3
555A	McAlpin	16.35	31	eP	P	18 05 23.0 +0.1
555A	McAlpin	16.35	31	eP	P	18 05 23.9 -0.6
143A	Socs Landing,	16.35	4	eP	P	18 05 23.2 +0.3
143A	Socs Landing,	16.35	4	eP	P	18 05 23.7 -0.8
144A	Alexander Plac	16.36	7	P	Pn	18 05 24.3 -0.3
249A	Camden	16.37	17	P	Pn	18 05 23.9 +0.7
145A	Housten Renfro	16.40	8	P	P	18 05 23.3 -0.1
758A	Lake Helen	16.41	38	P	Pn	18 05 24.8 -0.5
LTX	Lajitas	16.45	324	eP	Pn	18 05 26.6 +0.7
LTX	Lajitas	16.45	324	eP	Pn	18 10 03.1 +1.8
LTX	Lajitas	16.45	324	eP	Pn	18 13 14.1 +2.1
LTX	Lajitas	16.45	324	eP	Pn	18 17 53.4 -1.4
LTX	Lajitas	16.45	324	eP	Pn	18 05 26.6 +0.7
TXAR	Lajitas Array,	16.45	324	eP	Pn	18 05 26.6 +0.7
TXAR	Lajitas Array,	16.45	324	eP	Pn	18 10 03.1 +1.8
TXAR	Lajitas Array,	16.45	324	eP	Pn	18 13 14.1 +2.1
TXAR	Lajitas Array,	16.45	324	eP	Pn	18 17 53.4 -1.4
TXAR	Lajitas Array,	16.45	324	eP	Pn	18 05 26.6 +0.7
657A	Interlachen	16.50	35	P	P	18 05 23.8 -0.7
454A	Quitman	16.52	28	P	P	18 05 25.5 +0.7
556A	Lake Butler	16.54	33	P	Pn	18 05 25.7 -1.0
146A	Union	16.57	11	eP	P	18 05 25.4 +0.1
146A	Union	16.57	11	eP	Pn	18 05 26.2 -0.9
250A	Grady	16.63	19	P	P	18 05 25.9 -0.1
250A	Grady	16.63	19	P	P	18 05 26.1 +0.1
352A	Blakely	16.64	24	eP	P	18 05 26.6 +0.5
352A	Blakely	16.64	24	eP	P	18 05 26.7 +0.5
658A	Bunnell	16.71	37	eP	P	18 05 27.2 +0.3
658A	Bunnell	16.71	37	eP	P	18 05 27.2 +0.3
CAPC	Capurgana	16.75	115	eP	P	18 05 26.2 -1.3
147A	Livingston	16.76	13	eP	P	18 05 27.4 0.0
147A	Livingston	16.76	13	eP	P	18 05 27.7 +0.4
353A	Camilla	16.81	26	P	P	18 05 28.4 +0.4
455A	Stateville	16.83	30	P	P	18 05 28.6 +0.4
243A	Armstrong Fami	16.86	4	P	P	18 05 28.9 +0.4
241A	Richard Creek	16.87	360	eP	P	18 05 29.4 +0.8
241A	Richard Creek	16.87	360	eP	P	18 05 29.3 +0.7
240A	Long Farm, Mag	16.88	358	eP	Pn	18 05 29.7 -1.0
148A	Greensboro	16.89	15	P	P	18 05 29.2 +0.3
242A	Norre Spur, H	16.89	2	P	P	18 05 29.5 +0.7
557A	Orange Park	16.91	34	P	P	18 05 29.2 +0.2
244A	Pea Ridge, Bel	17.00	6	P	P	18 05 30.8 +0.7
251A	Midway	17.02	21	P	P	18 05 30.5 +0.3
GTBY	Guantanamo Bay	17.04	75	eP	P	18 05 30.9 +0.3
GTBY	Guantanamo Bay	17.04	75	eP	P	18 05 31.3 +0.7
149A	Jones	17.05	17	P	P	18 05 31.0 +0.4
246A	Louisville	17.13	11	P	P	18 05 32.0 +0.6
TIGA	Tifton	17.16	27	eP	P	18 05 32.0 +0.3
TIGA	Tifton	17.16	27	eP	P	18 05 32.4 +0.6
252A	Lumpkin	17.18	23	P	P	18 05 32.4 +0.4
245A	Winona	17.18	8	eP	P	18 05 32.2 +0.1
245A	Winona	17.18	8	eP	P	18 05 32.3 +0.3

150A	Eclectic	17.29	19	P	P	18 05 33.6 +0.4
247A	Carrollton	17.31	13	P	P	18 05 33.8 +0.5
456A	Hilliard	17.31	32	eP	P	18 05 34.0 +0.6
456A	Hilliard	17.31	32	eP	P	18 05 34.4 +0.9
LRAL	Lakeview Retre	17.41	16	eP	P	18 05 34.5 +0.1
LRAL	Lakeview Retre	17.41	16	eP	P	18 05 34.9 +0.4
355A	Pearson	17.41	29	P	P	18 05 34.5 -0.1
ABTX	Abilene, Hawle	17.43	340	eP	P	18 05 35.5 +0.8
ABTX	Abilene, Hawle	17.43	340	eP	P	18 05 35.9 +1.1
151A	Opelika	17.44	21	P	P	18 05 35.4 +0.6
Y42A	Garnett, Star	17.46	2	P	P	18 05 35.5 +0.5
457A	Yulee	17.47	33	P	P	18 05 36.0 +0.8
253A	Americus	17.47	25	eP	P	18 05 35.0 -0.2
253A	Americus	17.47	25	eP	P	18 05 35.4 +0.2
Y41A	Eaglebe Beard	17.49	0	P	P	18 05 36.0 +0.0
CCAR	Creech	17.54	2	P	Pn	18 05 37.2 -1.3
Y43A	Makayla and Ka	17.59	5	P	P	18 05 36.8 +0.4
Z48A	Northport	17.59	14	P	P	18 05 36.5 0.0
Y40A	Okolona	17.63	358	P	P	18 05 37.7 +0.7
Z49A	Columbiana	17.68	17	P	P	18 05 37.7 +0.2
Y45A	Year Farm, C	17.69	8	P	P	18 05 37.9 +0.3
Y44A	Strider, Charl	17.70	7	P	P	18 05 37.9 +0.3
254A	Abbeville	17.73	27	P	P	18 05 37.9 0.0
356A	Blackshear	17.74	31	P	P	18 05 38.6 +0.5
152A	Waverly Hall	17.79	22	eP	P	18 05 38.5 -0.1
152A	Waverly Hall	17.79	22	eP	P	18 05 38.9 +0.3
Y46A	Houston	17.82	10	P	P	18 05 38.5 -0.4
SLBS	Sierra La Lagu	17.83	297	eP	Pn	18 05 42.4 +0.3
Z50A	Ashland	17.92	19	eP	P	18 05 39.7 -0.3
Z50A	Ashland	17.92	19	eP	P	18 05 40.2 +0.1
Y47A	UCPARC, Winfie	18.03	13	P	P	18 05 41.3 +0.1
255A	Hazlehurst	18.07	29	eP	P	18 05 41.5 -0.2
255A	Hazlehurst	18.07	29	eP	P	18 05 41.7 0.0
X40A	Basin Creek Fa	18.09	359	eP	P	18 05 41.8 -0.1
X40A	Basin Creek Fa	18.09	359	eP	P	18 05 41.8 -0.1
X41A	Kaden, Bauxite	18.10	0	P	P	18 05 43.0 +1.1
153A	Fort Valley	18.11	25	P	P	18 05 41.9 -0.2
357A	Townsend	18.15	32	P	P	18 05 42.9 +0.4
X39A	Fountain Ranch	18.16	356	P	P	18 05 42.5 -0.2
MIAR	Mount Ida	18.17	358	eP	P	18 05 42.6 -0.1
MIAR	Mount Ida	18.17	358	eP	P	18 05 42.6 -0.1
MIAR	Mount Ida	18.17	358	eP	P	18 05 42.7 -0.1
MOTC	Montez, Cord	18.17	112	eP	P	18 05 42.1 -0.8
X42A	Stuttgart	18.18	3	P	P	18 05 43.3 +0.5
X43A	Marvell	18.19	5	eP	P	18 05 43.0 0.0
X43A	Marvell	18.19	5	eP	P	18 05 44.1 +1.2
Y48A	Jasper	18.20	15	P	P	18 05 42.7 -0.3
Z51A	Franklin	18.22	20	P	P	18 05 43.0 -0.2
X44A	Crenshaw	18.24	7	P	P	18 05 43.6 +0.1
X45A	UM Field Stati	18.26	9	P	P	18 05 43.1 -0.6
LP1G	La Paz	18.29	298	P	Pn	18 05 46.9 -0.5
Y49A	Blount Mountai	18.34	17	P	P	18 05 44.3 -0.3
Y49A	Blount Mountai	18.34	17	P	P	18 05 44.3 -0.3
OXF	Oxford	18.35	8	eP	P	18 05 44.0 -0.6
OXF	Oxford	18.35	8	eP	P	18 05 44.0 -0.6
OXF	Oxford	18.35	8	eP	P	18 05 44.5 -0.1
Z52A	Williamson	18.36	22	P	P	18 05 45.0 +0.2
154A	Montrose	18.38	26	eP	P	18 05 44.8 -0.2
154A	Montrose	18.38	26	eP	P	18 05 45.0 0.0
UALR	University of	18.38	1	eP	P	18 05 44.7 -0.3
256A	Glennville	18.40	30	P	P	18 05 45.1 -0.1
X46A	Booneville	18.52	11	P	P	18 05 46.0 -0.5
DBBC	Dabeiba	18.54	118	eP	P	18 05 46.3 -0.7
Y50A	Piedmont	18.57	18	P	P	18 05 47.0 0.0
X47A	Russelville	18.62	12	P	P	18 05 46.8 -0.8
155A	Kite	18.66	28	P	P	18 05 47.8 -0.3
X48A	Hartselle	18.74	15	eP	P	18 05 47.8 -1.0
X48A	Hartselle	18.74	15	eP	P	18 05 48.1 -0.8
UREC	San Jos' de U	18.75	115	eP	P	18 05 48.2 -1.0
Z53A	Monticello	18.77	24	P	P	18 05 48.6 -0.5
W43A	Forest City	18.77	5	P	P	18 05 49.4 +0.3
W41B	Gary Mavity, V	18.78	1	P	P	18 05 48.6 -0.7
W41B	Gary Mavity, V	18.78	1	P	P	18 05 49.4 +0.2
Y51A	Rockmart	18.79	20	P	P	18 05 49.0 -0.4
W40A	Ferguson Farm,	18.80	359	eP	P	18 05 49.2 -0.2
W40A	Ferguson Farm,	18.80	359	eP	P	18 05 50.0 +0.5
257A	Skidaway Islan	18.82	32	eP	P	18 05 49.8 0.0
257A	Skidaway Islan	18.82	32	eP	P	18 05 49.6 -0.1
W39A	Magazine	18.83	357	eP	P	18 05 49.9 +0.1
W39A	Magazine	18.83	357	eP	P	18 05 50.3 +0.6
CLNB	Carisbad	18.87	329	eP	Pn	18 05 52.5 -1.7
WHAR	Wooly Hollow	18.90	1	eP	P	18 05 50.1 -0.4
W42A	Bald Knob	18.90	3	P	P	18 05 51.2 +0.7
GOGA	Gogay	18.92	24	eP	P	18 05 50.1 -0.7
GOGA	Gogay	18.92	24	eP	P	18 05 50.2 -0.7

GOGA	Godfrey	18.92	24	P	P	18 05 50.6 -0.3
EBZ	Ebenezer Church	18.97	8	eP	P	18 06 30.9 +0.4
X49A	Woodville	18.98	16	P	P	18 05 51.2 -0.2
W45A	Hickory Valley	19.01	9	P	P	18 05 51.8 +0.1
Z54A	Sparta	19.03	26	P	P	18 05 51.3 -0.7
PLAL	Fort Payne	19.03	12	eP	P	18 05 50.4 -1.5
GDL2	Guadalupe Moun	19.06	328	eP	P	18 05 53.7 +1.2
Y52A	Lilburn	19.10				

BG3	Lake Jocassee	20.53	23	eP	P	18 06 06.9	-1.0	LPM	Chingdza	21.89	120	eP	pP	18 07 01.2	-1.9	BLO	Bloomington	23.39	12	eP	P	18 06 33.7	-1.2
URIC	Uribia, Colomb	20.54	100	eP	pP	18 06 49.7	+1.8	CHIC	Chingdza	21.89	120	eP	P	18 06 21.8	-0.2	BLO	Bloomington	23.39	12	eP	P	18 06 33.7	-1.2
U47A	Clarksville	20.60	12	P	P	18 06 07.5	-0.8	R40A	Maddies Statio	21.89	1	eP	P	18 06 19.9	-1.3	BLO	Bloomington	23.39	12	eP	pmax	18 06 33.7	-1.2
W53A	baz=195,SNR=30	20.60	23	P	P	18 06 08.2	-0.6	R40A	Maddies Statio	21.89	1	P	P	18 06 20.8	-0.4	P43A	comp=Z,123nm,0.7s	23.39	6	P	P	18 06 34.7	-0.2
ANIL	Santa Ana	20.60	123	eP	P	18 06 09.6	+0.4	R39A	Chumby, Stover	21.91	359	P	P	18 06 21.2	-0.3	BLA	Blacksburg	23.45	25	eP	P	18 06 35.0	-0.5
JSC	Jenkinsville	20.60	28	eP	P	18 06 07.8	-0.9	R41A	Rosebud	21.92	3	P	P	18 06 20.9	-0.6	BLA	Blacksburg	23.45	25	eP	pP	18 07 16.1	-3.9
JSC	comp=Z,172nm,0.8s	20.60	28	eP	P	18 06 07.8	-0.9	R42A	Luebbering	21.94	4	P	P	18 06 21.1	-0.5	BLA	Blacksburg	23.45	25	eP	pP	18 07 16.1	-3.9
JSC	comp=Z,172nm,0.8s	20.60	28	eP	pmax	18 06 07.8	-0.9	LENM	Lemitar	21.95	327	eP	P	18 06 23.1	+1.0	BLA	Blacksburg	23.45	25	P	P	18 06 35.8	+0.2
TOLC	Tolima	20.61	123	eP	P	18 06 10.2	+0.7	LENM	Lemitar	21.95	327	eP	pP	18 07 03.4	-0.4	P45A	Graceland, Par	23.52	10	eP	P	18 06 34.9	-1.1
T39A	Cleaver	20.63	358	P	P	18 06 09.0	0.0	T51A	Gray	21.96	19	P	pP	18 06 21.6	-0.3	P45A	Graceland, Par	23.52	10	P	P	18 06 36.2	+0.2
BRRC	Barranca, Sant	20.65	114	eP	P	18 06 08.4	-1.1	R43A	Red Bud	22.00	6	P	P	18 06 22.1	-0.2	Q49A	Aurora	23.60	15	P	P	18 06 36.0	-0.8
T41A	Mountain View	20.66	2	P	P	18 06 09.1	-0.2	USIN	University of	22.00	11	eP	P	18 06 20.9	-1.3	R52A	Catlettsburg	23.63	20	P	P	18 06 36.6	-0.4
T42A	Van Buren	20.68	3	eP	P	18 06 08.0	-1.5	USIN	University of	22.00	11	eP	pP	18 07 07.1	+3.0	Q50A	Georgetown	23.69	17	P	P	18 06 36.8	-0.8
T42A	Van Buren	20.68	3	P	P	18 06 08.9	-0.6	S48A	Wiedeman Farm,	22.04	14	P	P	18 06 21.6	-0.9	P46A	La Belle	23.73	1	P	P	18 06 37.1	-0.5
T38A	Diamond	20.69	356	P	P	18 06 09.8	+0.2	R44A	Waltonville	22.07	7	P	P	18 06 22.3	-0.5	O40A	La Belle	23.73	1	P	P	18 06 37.6	-0.3
T40A	Mansfield	20.75	0	P	P	18 06 10.7	+0.4	VILC	Villavicencio,	22.21	121	eP	P	18 06 24.1	-0.5	O38A	Gal	23.73	358	P	P	18 06 37.6	-0.4
V51A	Loudon	20.76	19	eP	P	18 06 08.8	-1.6	R45A	Skyler, Fairri	22.22	9	P	P	18 06 23.8	-0.6	P47A	Martinsville	23.74	12	P	P	18 06 37.3	-0.7
V51A	Loudon	20.76	19	P	P	18 06 10.2	-0.2	LAZ	Ladron	22.22	327	eP	P	18 07 03.6	-3.2	O41A	Passleys Farm,	23.76	3	P	P	18 06 37.8	-0.4
T43A	Greenville	20.79	5	P	P	18 06 10.0	-0.7	R46A	Gibson Southern	22.27	11	P	pP	18 06 24.9	+0.2	O37A	Wolfen Farm, M	23.80	357	P	P	18 06 38.2	-0.4
TKL	Tuckaleechee C	20.82	21	P	P	18 06 10.7	-0.3	ANMO	Albuquerque	22.30	329	P	P	18 06 26.7	+1.4	O39A	Kirksville	23.85	0	P	P	18 06 38.6	-0.5
TKL	Tuckaleechee C	20.82	21	eP	P	18 06 10.1	-0.9	ANMO	Albuquerque	22.30	329	eP	ScP	18 13 26.5	+1.1	X18A	comp=Z,123nm,1.8s	23.88	323	eP	P	18 06 41.3	+1.7
TKL	Cassie Pea, Po	20.83	14	eP	pP	18 06 53.7	+2.6	ANMO	Albuquerque	22.30	329	eP	ScP	18 13 27.6	+2.2	X18A	Bath	23.89	5	eP	pP	18 07 26.5	+1.7
U48A	Benton	20.86	7	P	P	18 06 11.2	+0.1	ANMO	Albuquerque	22.30	329	dP	pmax	18 06 26.9	+1.6	O42A	Milroy	23.90	14	P	P	18 06 39.2	-0.2
POPC	Popayan, Colom	20.84	129	eP	P	18 06 11.7	+0.1	ANMO	Albuquerque	22.30	329	P	P	18 06 26.3	+1.0	P48A	Milroy	23.90	14	P	P	18 06 38.5	-1.0
T44A	Benton	20.86	7	P	P	18 06 10.6	-0.8	SLM	Saint Louis	22.33	5	eP	P	18 10 24.4	-0.8	O44A	Mansfield	24.02	8	P	P	18 06 40.3	-0.3
T45A	Paducah	20.92	9	P	P	18 06 11.1	-0.9	SLM	Saint Louis	22.33	5	eS	S	18 06 24.0	-1.4	Q51A	Peebles	24.04	18	eP	P	18 06 39.7	-1.1
T45A	Paducah	20.92	9	P	P	18 06 11.2	-0.7	SLM	Saint Louis	22.33	5	eS	S	18 10 10.5	-1.4	Q51A	Peebles	24.04	18	eP	pP	18 07 24.8	-1.5
U49A	Red Boiling Sp	21.02	16	P	P	18 06 12.5	-0.5	SLM	Saint Louis	22.33	5	eS	pmax	18 06 25.3	-0.1	Q51A	Peebles	24.04	18	eP	P	18 06 40.4	-0.4
V52A	Sevierville	21.05	21	eP	P	18 06 12.6	-0.7	S49A	Springfield	22.34	15	P	P	18 06 25.3	-0.1	214A	Organ Pipe Nat	24.05	314	P	P	18 06 42.7	+1.7
V52A	Sevierville	21.05	21	P	P	18 06 13.6	+0.1	T52A	Hallie	22.40	21	P	P	18 06 25.3	-0.7	O43A	Sugar Creek Fa	24.05	6	P	P	18 06 40.3	-0.6
T46A	Princeton	21.06	11	P	P	18 06 14.3	+0.8	S50A	Richmond	22.48	17	P	P	18 06 26.4	-0.3	P49A	Milam Univ, Ec	24.14	15	P	P	18 06 41.1	-0.6
HSIG	comp=Z,177nm,1.4s	21.07	310	eP	P	18 06 13.8	-0.6	Q37A	Longview Farm,	22.53	356	P	P	18 06 26.9	-0.1	SDCO	Great Sand Dun	24.18	334	eP	pP	18 06 42.9	+0.5
GIRC	Giron, Santand	21.12	114	eP	P	18 06 13.8	-0.6	WCI	Wyandotte Cave	22.53	13	eP	P	18 06 25.8	-1.3	SDCO	Great Sand Dun	24.18	334	eP	pP	18 06 43.0	+0.6
CMB	Cumal	21.13	135	eP	P	18 06 16.8	+1.7	WCI	Wyandotte Cave	22.53	13	eP	pP	18 07 09.7	-0.2	W18A	Petrified Forest	24.18	324	eP	P	18 06 43.6	+1.3
SOTA	Rioblanco	21.16	130	eP	P	18 06 15.8	+1.7	WCI	Wyandotte Cave	22.53	13	eP	pP	18 07 25.8	-1.3	W18A	Petrified Forest	24.18	324	eP	P	18 06 44.1	+1.8
T47A	Sharon Grove	21.16	12	P	P	18 06 14.2	-0.2	WCI	Wyandotte Cave	22.53	13	eP	pP	18 06 26.5	-0.6	O45A	Potomac	24.22	9	P	P	18 06 41.9	-0.5
V53A	Saluda	21.17	23	eP	P	18 06 13.8	-0.7	WCI	Wyandotte Cave	22.53	13	P	P	18 06 26.7	-0.5	KSCO	Kaye Sheddock	24.24	341	eP	P	18 06 42.8	0.0
V53A	Saluda	21.17	23	P	P	18 06 15.0	+0.4	R47A	Wooly Knot Far	22.54	13	P	P	18 06 27.6	+0.1	KSCO	Kaye Sheddock	24.24	341	eP	P	18 06 43.5	+0.7
MARP	Paez Belalcaza	21.18	127	eP	P	18 06 16.3	+1.2	Q38A	Cook Store, C	22.57	358	P	P	18 06 27.6	+0.1	Q52A	Bidwell	24.32	20	P	P	18 06 42.3	-1.0
120A	Jamestown	21.18	18	P	P	18 06 16.4	+1.5	Q41A	Truxton	22.58	3	P	P	18 06 27.2	-0.4	HDIL	Hopedale	24.32	6	eP	P	18 06 42.0	-1.3
U51A	Cookes Peak, D	21.19	322	P	P	18 06 15.1	+0.4	Q42A	Golden Eagle	22.58	4	P	P	18 06 27.1	-0.4	HDIL	Hopedale	24.32	6	eP	P	18 06 42.7	-0.6
S40A	Lebanon	21.20	0	P	P	18 06 16.8	+1.9	Q40A	Laux Farm, Aus	22.60	1	P	P	18 06 27.2	-0.5	N41A	Harden Midland	24.35	3	eP	P	18 06 42.1	-1.5
S41A	Jillico Farms,	21.20	2	P	P	18 06 14.8	0.0	YOPC	Yopal, Colombi	22.62	117	eP	P	18 06 28.1	-0.2	N41A	Harden Midland	24.35	3	P	P	18 06 43.0	-0.5
SRIG	Santa Rosalia	21.21	304	eP	P	18 06 17.6	+1.7	Q39A	Wolow Grove F	22.64	359	P	P	18 06 27.7	-0.4	N37A	Lee Faris, Mou	24.39	357	eP	pP	18 06 42.9	-1.1
OTAV	Otavallo	21.24	137	eP	P	18 06 17.6	+1.7	TAMC	Tame, Arauca	22.65	113	eP	P	18 06 26.8	-1.7	N37A	Lee Faris, Mou	24.39	357	eP	pP	18 07 32.0	+1.9
OTAV	Otavallo	21.24	137	eP	pmax	18 06 17.6	+1.7	OLIL	Olney	22.68	9	eP	P	18 07 14.7	+3.1	N37A	Lee Faris, Mou	24.39	357	eP	pP	18 06 43.7	-0.2
OTAV	Otavallo	21.24	137	eP	pmax	18 06 17.6	+1.7	Q43A	New Douglas	22.68	6	P	pP	18 06 27.9	-0.5	N38A	Joes South For	24.39	359	P	P	18 06 43.8	-0.2
GCUF	Volcan Galeras	21.26	133	eP	P	18 06 18.4	+2.3	S51A	Beattyville	22.69	19	eP	P	18 06 27.1	-1.4	MPR	Mayaguez	24.41	82	eP	P	18 06 42.5	-1.9
S38A	Stockton	21.26	357	P	P	18 06 15.3	0.0	SDV	Santo Domingo	22.69	106	P	P	18 06 28.3	-0.7	AGP	Aguaadilla	24.41	81	eP	P	18 06 43.8	-0.6
ROSC	El Rosal	21.29	120	eP	P	18 06 16.7	+0.4	SDV	Santo Domingo	22.69	106	P	P	18 10 13.3	+0.3	AGP	Aguaadilla	24.41	81	eP	pP	18 07 29.1	-1.4
ROSC	El Rosal	21.29	120	eP	P	18 06 15.2	-1.1	SDV	Santo Domingo	22.69	106	P	pP	18 13 27.7	+0.9	PF50	Lafayette	24.45	10	eP	P	18 06 43.7	-0.8
ROSC	El Rosal	21.29	120	eP	P	18 06 18.1	+1.8	SDV	Santo Domingo	22.69	106	eP	P	18 06 28.0	-1.0	SFIN	Lafayette	24.45	10	eP	pP	18 07 31.5	+0.8
S45A	Fulton Ridge,	21.29	6	P	P	18 06 15.4	-0.3	SDV	Santo Domingo	22.69	106	eP	P	18 07 16.2	+4.1	SFIN	Lafayette	24.45	10	eP	pP	18 06 44.0	-0.4
CRUC	La Cruz	21.30	132	eP	P	18 06 17.2	+0.8	SDV	Santo Domingo	22.69	106	eP	P	18 10 13.3	+0.3	N39A	Derby Farms, D	24.47	0	P	P	18 06 43.5	-1.1
S39A	Bolivar	21.30	358	eP	P	18 06 14.8	-0.9	SDV	Santo Domingo	22.69	106	eP	P	18 13 27.7	+0.9	N39A	Derby Farms, D	24.47	0	P	P	18 06 44.2	-0.5
S39A	Bolivar	21.30	358	eP	P	18 06 16.1	+0.4	SDV	Santo Domingo	22.69	106	eP	P	18 06 28.1	-0.9	O47A	Sheridan	24.48	12	P	P	18 06 44.0	-0.7
KMSC	Kings Mountain	21.30	26	P	P	18 06 15.2	-0.5	SDV	Santo Domingo	22.69	106	eP	P	18 06 28.3	-0.5	N40A	Mertquake, Sel	24.50	2	P	P	18 06 44.4	-0.4
KMSC	Kings Mountain	21.30	26	P	P	18 06 14.8	-0.9	SDV	Santo Domingo	22.69	106	eP	P	18 06 28.1	-0.9	N42A	Yates City	24.53	5	P	P	18 06 45.1	0.0
319A	Douglas	21.32	318	eP	P	18 06 17.1	+0.9	SDV	Santo Domingo	22.69	106	eP	P	18 06 29.3	-0.7	P51A	Williamsport	24.55	18	eP	P	18 06 43.6	-1.7
BARC	Barichara	21.35	115	eP	P	18 06 15.5	-1.3	SDV	Santo Domingo	22.69</													

2012 SEP

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like M44A Midewin, M44B Midewin, CVRD Centerville Ro, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like K42A Prairie Point, K43A Burlington, K43A Burlington, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like I42A Draeger Farm, I43A Langenfeld Bro, I41A Arkle, etc.

RSSD	comp=Z,15nm,0.6s Black Hills baz=158	29.35 343 P	P	18 07 29.7 +1.3	FDI	comp=Z,91nm,0.8s Belmont	30.48 91 eP	P	18 07 36.7 -1.6	QLMT	Earthquake Lak	32.54 335 eP	P	18 07 58.0 +1.8
MEDO	Medina baz=203,SNR=11	29.36 21 P	P	18 07 27.9 -0.3	SVB	comp=Z,297nm,1.0s Belmont	30.48 91 eP	P	18 07 36.2 -2.1	QLMT	Warroad	32.61 357 P	P	18 07 38.5 +1.9
BWLO	Walkerton baz=203,SNR=9.1	29.37 17 P	P	18 07 27.2 -1.1	SVB	Belmont	30.48 91 eP	P	18 07 38.1 -0.3	CMB	Columbia Colle	32.61 317 eP	P	18 07 58.0 +1.2
LRMC	Lauri Mtn Rad baz=124,SNR=16	29.38 315 P	P	18 07 30.2 +1.6	FCV	Fort Charlotte	30.50 92 eP	P	18 07 39.7 +1.1	CMB	Columbia Colle	32.61 317 eP	P	18 07 58.0 +1.2
CTU	Camp Tracy comp=Z,11nm,1.1s	29.40 330 eP	P	18 07 27.9 -0.8	SVV	Soufriere Voic	30.50 91 eP	P	18 07 39.6 +1.0	CMB				
CTU					SSV	Crater Summit	30.52 91 eP	P	18 07 39.7 +0.8	SAO	comp=Z,36nm,1.0s San Andreas Ge	32.64 314 eP	P	18 07 58.4 +1.4
BRUCO	Bruce Peninsul baz=202	29.41 17 P	P	18 07 28.9 +0.7	VES	Vestal, Richter baz=124,SNR=5	30.54 315 P	P	18 07 40.8 +2.2	SAO	San Andreas Ge	32.64 314 eP	P	18 07 58.4 +1.4
FURC	Furnace Creek, baz=127,SNR=5.5	29.41 318 P	P	18 07 30.6 +1.9	PKM	Mpherson Peak baz=121,SNR=14	30.55 312 P	P	18 07 40.5 +1.5	SAO				
F41A	Three Lakes comp=Z,15nm,0.8s	29.48 5 eP	P	18 07 27.5 -1.7	SADO	Sadova comp=Z,24nm,0.5s,baz=229,slow=9.0,SNR=26	30.56 19 P	P	18 07 37.8 -1.0	PNTR	comp=Z,26nm,1.1s Pine Nut	32.71 319 eP	P	18 08 00.1 +2.2
F41A	Three Lakes baz=187,SNR=7.5	29.48 5 eP	P	18 07 30.4 +1.2	SADO	Sadova comp=Z,78nm,1.1s	30.56 19 eP	P	18 07 37.4 -1.3	ALFO	Alfred baz=213,SNR=7.3	32.79 23 P	P	18 07 58.3 +0.2
BINY	Binghamton comp=Z,26nm,0.8s	29.49 26 eP	P	18 07 29.3 -0.1	TIN	Tinemaha, Big baz=126,SNR=5.7	30.64 317 P	P	18 07 41.7 +2.0	HLID	Halley comp=Z,20nm,1.3s	32.87 330 eP	P	18 07 59.8 +0.7
BINY	Binghamton baz=214,SNR=6.9	29.49 26 P	P	18 07 29.7 +0.4	AHID	AHID	30.73 333 eP	P	18 07 39.9 -0.5	HLID	Halley	32.87 330 eP	P	18 07 59.1 +1.1
ANWB	Willey Bob comp=Z,89nm,0.6s	29.52 83 eP	P	18 07 27.8 -2.1	HVU	Hansel Valley comp=Z,36nm,1.6s	30.73 330 eP	P	18 07 41.1 +0.7	HLID	Halley baz=139,SNR=26	32.87 330 P	P	18 08 00.3 +1.2
ANWB	Willey Bob baz=184,SNR=11	29.52 83 eP	P	18 07 29.6 -0.3	HVU	Hansel Valley	30.73 330 eP	P	18 08 28.2 -1.9	VCNR	Virginia City comp=Z,32nm,1.1s	32.87 319 eP	P	18 08 01.5 +2.4
DUG	Dugway, Tooele comp=Z,21nm,1.6s	29.55 328 eP	P	18 07 30.9 +0.8	HVU				18 08 28.2 -1.9	PAHR	Pah Rang Range comp=Z,61nm,1.3s	32.95 320 eP	P	18 08 01.4 +1.7
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	KLBO	Killbear Provi baz=204,SNR=18	30.77 17 P	P	18 07 38.3 -2.2	BELO	Belmont baz=205	33.07 17 P	P	18 07 59.8 -0.8
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	D41A	Chassel comp=Z,61nm,1.0s	30.84 5 eP	P	18 07 38.2 -2.9	MCMT	McKenzie Canyo Bozeman (W)	33.13 333 eP	P	18 08 03.1 +1.6
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	D41A	Chassel baz=189,SNR=13	30.84 5 P	P	18 07 40.5 -0.6	BOZ	Bozeman (W)	33.25 335 eP	P	18 08 03.3 +1.0
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	DELO	DeIoro Mine baz=209,SNR=43	30.84 21 P	P	18 07 40.2 -0.9	BOZ	Bozeman (W)	33.25 335 eP	P	18 08 03.3 +1.0
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	TRN	Trinidad (W)	30.87 97 eP	P	18 07 39.0 -2.7	BOZ	Bozeman (W)	33.25 335 eP	P	18 08 03.3 +1.0
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	SMCM	Simmer baz=121,SNR=13	30.89 313 P	P	18 07 44.0 +2.2	BOZ	Bozeman (W)	33.25 335 eP	P	18 08 03.4 +1.1
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	TPP	Pointe-a-Pierr	30.90 97 eP	P	18 07 40.4 -1.7	BOZ	Bozeman (W)	33.25 335 eP	P	18 08 03.4 +1.1
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	BUKO	Buck Lake	31.09 18 P	P	18 07 42.2 -1.2	TRQ	Mont Tremblant Dagmar	33.44 346 eP	P	18 08 04.0 +0.3
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	REDW	Red Top Mead comp=Z,93nm,0.8s	31.10 334 eP	P	18 07 44.8 +1.0	DGMT	Dagmar comp=Z,38nm,0.9s	33.44 346 eP	P	18 08 04.0 +0.3
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	REDW	Red Top Mead	31.10 334 eP	P	18 07 44.8 +1.0	DGMT	Dagmar	33.44 346 eP	P	18 08 04.0 +0.3
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	SNOW	Snow King Moun comp=Z,55nm,0.6s	31.14 334 eP	P	18 08 32.7 -0.8	MFID	Camas Ranch comp=Z,22nm,1.3s	33.45 329 eP	P	18 08 04.0 0.0
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	BANO	Bancroft baz=208,SNR=19	31.18 20 P	P	18 07 42.7 -1.4	DLMT	Dillon	33.45 334 eP	P	18 08 04.9 +0.8
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	LOHW	Long Hollow comp=Z,12nm,0.8s	31.20 334 eP	P	18 07 45.2 +0.6	DLMT	Dillon	33.45 334 eP	P	18 08 05.2 -1.6
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	TPAW	Teton Pass comp=Z,16nm,0.8s	31.25 334 eP	P	18 07 44.7 -0.4	AFDM	Forest Hills D	33.50 318 eP	P	18 08 05.4 +0.8
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	TPAW	Teton Pass	31.25 334 eP	P	18 07 44.7 -0.4	BEKR	Becker comp=Z,26nm,1.4s	33.65 320 eP	P	18 08 07.7 +1.9
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	TPAW	Teton Pass	31.25 334 eP	P	18 07 44.7 -0.4	LRM	Limekiln Ridge	33.76 335 eP	P	18 08 07.7 +0.8
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	PAGB	Antelope Grade comp=Z,123nm,1.1s	31.28 313 eP	P	18 07 47.5 +2.3	ULM	Lac du Bonnet comp=Z,69nm,0.7s,baz=177,slow=9.2,SNR=83	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	MOOW	Moose Ponds	31.37 334 eP	P	18 07 46.3 +0.2	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	MOOW	Moose Ponds	31.37 334 eP	P	18 07 46.3 +0.2	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	MLAC	Mammoth, Mammo317 318 P	31.37 318 P	P	18 07 47.2 +1.0	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 328 eP	P	18 08 21.8 +2.2	FXWY	Fox Creek	31.40 334 eP	P	18 07 46.7 +0.4	ULM	Lac du Bonnet	33.95 356 eP	P	18 08 06.6 -1.4
DUG	Dugway, Tooele	29.55 32												

1d 18h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Cave Junction, Waterton Lakes, Terrebonne, etc.

2012 SEP

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Las Campanas, Dease Lake, Tololo Observa, etc.

68

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MDM, TROA, SKT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like GYA, LSA, WB2, WRA, etc.

MAN 01 18:06:38.3, 10.93N:126.89E, h6km, mb5.3, ML4.2, MS4.4
IDC 01 18:06:40.0, 10.72N:126.49E, h0km, mb4.2/2.8,
mb1.4, 3.2/8, mb1mx4.1/6.6, mbtmp4.2/2.9, ML3.8/1, MS3.2/8,
Ms1.3/2.8, ms1mx2.9/3.9, Error ellipse: s-maj=21.5km
s-min=10.6km az=75.0

MOS 01 18:06:42.1, 11.1, 10.71N:126.56E, h26km, mb4.8/1.6, Error
ellipse: s-maj=15.5km s-min=6.8km az=117.3
ISCBJ 01 18:06:43.5, 0.8, 10.79N:0.03:126.67E:0.05, h36km, 7km,
mb4.4/6.2, Error ellipse: s-maj=8.0km s-min=4.2km
az=163.2

NEIC 01 18:06:45.4, 0.2, 10.75N:126.53E, h35km, mb4.7/3.0, Error
ellipse: s-maj=8.7km s-min=4.0km az=73.0
ISC 01 18:06:45.5, 1.1, 10.80N:0.04:126.63E:0.05, h28km, 7km,
n142, s1939/159, mb4.5/6.2, 10C-2D, Philippine Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like BESP, PLP, MSLP, OCLP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like BATI, JNU, JNU, MAGI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like PETK, PEA1, PET, etc.

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

IDC 01 18:15:06.3, 3.8, 10.39N:125.91E, h0km, mb3.8/4,
mb1.3/4, mb1mx3.4/6.4, mbtmp3.8/4, Error ellipse:
s-maj=39.2km s-min=22.4km az=65.0
MAN 01 18:15:07.4, 10.93N:126.69E, h50km, mb4.8, ML3.7,
MS3.7
ISCBJ 01 18:15:08.3, 0.9, 10.87N:0.06:126.69E:0.07, h44km,
mb4.2/7, Error ellipse: s-maj=9.8km s-min=7.7km
az=160.4

ISC 01 18:15:09.6, 1.1, 10.88N:0.06:126.69E:0.10, h44km, n17,
s200/20, mb4.1/7, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like BESP, PLP, MSLP, etc.

IDC 01 18:16:02.9, 4.3, 10.55N:126.06E, h0km, mb3.6/4,
mb1.3/7, mb1mx3.3/6.5, mbtmp3.6/4, MS3.1/2, Ms1.3/2,
ms1mx2.6/5.5, Error ellipse: s-maj=43.6km
s-min=23.8km az=65.0, Philippine Islands region

GTA	sP	sP	20 51 59.7	-1.8	
GTA	S	S	21 00 06.5	-0.5	
GTA	pmax	pmax			
comp=Z,6.0nm,0.9s					
GTA	LR	LR			
comp=Z,190nm,17.1s					
GTA	LR	LR			
comp=Z,370nm,21.3s					
GTA	LR	LR			
comp=Z,170nm,16.8s					
ZEA	61.72 349	eP	P	20 51 52.8	+0.1
ZEA		pmax	pmax		
LSA	61.98 309	eP	P	20 51 55.7	+0.2
LSA		eP	P	20 51 55.7	+0.2
comp=Z,5.0nm,1.0s					
ULN	63.11 333	eP	P	20 52 01.7	-0.6
ULN	63.11 333	eP	P	20 52 03.1	+0.8
ULN		pmax	pmax	20 52 38.4	
comp=Z,7.0nm,1.3s					
SONA	63.38 333	eP	P	20 52 04.0	-0.1
SONM	63.38 333	eP	P	20 52 04.0	-0.1
comp=Z,2.0nm,0.8s,baz=156,slow=5.9,SNR=14					
SONM	63.38 333	eP	P	20 52 04.0	-0.1
SONA1	63.39 333	eP	P	20 52 03.5	-0.6
PALK	64.27 281	LR	LR	21 23 34.7	
comp=Z,65nm,18.2s,baz=149,slow=39					
Papeete	65.93 106	LR	LR	21 17 59.3	
comp=Z,6.1nm,18.9s,baz=234,slow=33					
ZAK	66.64 333	eP	P	20 52 23.9	-1.3
ZAK		pmax	pmax		
comp=Z,1.1nm,1.1s					
MOY	68.57 333	eP	P	20 52 38.2	+0.8
BOD	68.58 343	eP	P	20 52 35.9	-1.3
BOD		pmax	pmax		
comp=Z,8.0nm,1.0s					
SEY	69.69 411	lP	P	20 52 44.0	+0.1
WIMQ	71.12 321	P	P	20 52 54.0	+0.8
WIMQ		pP	pP	20 53 02.4	+0.2
WIMQ		sP	sP	20 53 05.5	-0.1
comp=Z,38nm,1.3s					
WIMQ		pmax	pmax		
comp=Z,230nm,3.8s					
WIMQ		LR	LR		
comp=Z,200nm,30.1s					
WIMQ		LR	LR		
comp=Z,350nm,32.1s					
WIMQ		LR	LR		
comp=Z,180nm,18.3s					
VNDA	71.50 176	P	P	20 52 56.1	+1.3
VNDA	71.50 176	eP	P	20 52 56.2	+1.4
VNDA	71.50 176	eP	P	20 52 56.2	+1.4
HVS	71.72 329	lP	P	20 52 57.8	+1.2
HVS		pmax	pmax		
comp=Z,23nm,1.0s					
DGZ	74.25 326	iP	P	20 53 11.9	+0.2
DGZ		pmax	pmax		
comp=Z,5.0nm,0.9s					
MK01	75.86 322	eP	P	20 53 20.9	-0.1
MK32	75.88 322	eP	P	20 53 21.2	+0.1
MKAR	75.88 322	eP	P	20 53 21.2	+0.1
comp=Z,4.0nm,0.9s,baz=100,slow=8.8,SNR=14					
MKAR	75.88 322	eP	P	20 53 21.0	-0.1
MKAR	75.88 322	eP	P	20 53 21.5	+0.4
KSH	77.33 313	P	P	20 53 31.8	+2.2
KSH		sP	sP	20 53 47.1	+5.1
KSH		sP	sP	20 56 29.2	+5.0
KSH		S	S	21 03 18.4	+0.2
KSH		SKS	SKS	21 03 36.2	-4.7
KSH		SS	SS	21 08 19.7	+2.6
comp=Z,22nm,1.1s					
KSH		pmax	pmax		
comp=Z,220nm,6.1s					
KSH		LR	LR		
comp=Z,150nm,7.3s					
KSH		LR	LR		
comp=Z,200nm,14.1s					
KSH		LR	LR		
comp=Z,280nm,16.9s					
NIL	77.59 306	eP	P	20 53 31.3	+0.3
comp=Z,15nm,0.8s					
ZAA0	77.79 329	eP	P	20 53 30.6	-1.0
ZALV	77.79 329	eP	P	20 53 30.8	-0.8
comp=Z,4.0nm,0.9s,baz=116,slow=5.4,SNR=19					
ZALV	77.79 329	eP	P	20 53 30.5	-1.1
ZALV	77.79 329	eP	P	20 53 30.5	-1.1
ZAA1	77.79 329	eP	P	20 53 30.8	-0.8
TIXI	78.73 355	iP	P	20 53 35.5	-1.0
TIXI		pmax	pmax		
comp=Z,5.0nm,0.9s					
NVS	79.04 329	eP	P	20 53 36.4	-2.1
NVS		pmax	pmax		
comp=Z,6.0nm,1.2s					
NVS		pmax	pmax		
comp=Z,10.0nm,1.2s					
NVS		pmax	pmax		
comp=Z,11nm,1.2s					
AAK	79.42 315	P	P	20 53 41.4	+0.3
Ala-Archa	79.42 315	dP	P	20 53 42.2	+1.1
AAK		pmax	pmax		
comp=Z,4.0nm,1.0s					
KURK	79.74 324	eP	P	20 53 41.6	-0.8
KURK	79.74 324	iP	P	20 53 42.6	+0.2
KURK		i	sP	20 53 49.0	
KURK		i	sP	20 53 53.0	-1.8
KURK		pmax	pmax		
comp=Z,9.0nm,1.1s					
KURBB	79.75 324	P	P	20 53 41.6	-0.9
comp=Z,5.0nm,0.9s,baz=113,slow=4.3,SNR=28					
MAW	80.38 203	P	P	20 53 45.9	+0.3
comp=Z,0.4nm,0.2s,baz=136,slow=6.6,SNR=2.8					
KDAK	82.06 29	P	P	20 53 53.9	-0.7
comp=Z,4.8nm,0.7s,baz=252,slow=6.4,SNR=3.4					
KDAK		LR	LR	21 25 35.7	
comp=Z,62nm,20.7s,baz=286,slow=32					
KDAK	82.06 29	eP	P	20 53 54.6	+0.1
comp=Z,224nm,1.9s					
KDAK	82.06 29	eP	P	20 53 54.7	+0.1
KDAK		pmax	pmax		
comp=Z,224nm,1.9s					
SVW2	82.23 25	eP	P	20 53 55.7	+0.1
comp=Z,15nm,1.2s					
KK31	82.35 315	eP	P	20 53 56.4	-0.2
KK31	82.35 315	eP	P	20 53 56.4	-0.2
KKAR	82.35 315	eP	P	20 53 56.6	-0.0
KKAR	82.35 315	eP	P	20 53 56.6	-0.0
QSPA	83.33 180	P	P	20 54 02.5	+1.1
comp=Z,3.8nm,0.6s,baz=307,slow=2.1,SNR=14					
QSPA	83.33 180	eP	P	20 54 02.3	+1.0
comp=Z,1.6nm,1.2s					
GAST	84.76 24	eP	P	20 54 07.6	-0.8
comp=Z,7.1nm,0.8s					
NR1K	84.87 343	P	P	20 54 08.5	-0.4
comp=Z,11nm,0.6s,baz=325,slow=20,SNR=11					
IM3	85.28 21	eP	P	20 54 10.8	-0.2
BVAR	85.33 325	P	P	20 54 11.1	-0.4
comp=Z,8.4nm,0.7s,baz=110,slow=7.8,SNR=46					
BRVK	85.39 325	eP	P	20 54 11.8	-0.0
comp=Z,1.1nm,0.9s					
BRVK	85.39 325	iP	P	20 54 12.1	+0.3
BRVK		i	sP	20 54 22.1	-2.2
BRVK		pmax	pmax		
comp=Z,10.0nm,0.9s					
MLY	85.98 23	eP	P	20 54 13.6	-1.0
comp=Z,7nm,1.0s					
RND	86.08 25	eP	P	20 54 13.9	-1.2
comp=Z,15nm,0.8s					
RND	86.08 25	eP	P	20 54 13.9	-1.2
RND		pmax	pmax		
comp=Z,15nm,0.8s					
DHY	86.57 25	eP	P	20 54 17.0	-0.7

WRH	Wood River Hill	86.80 24	eP	P	20 54 17.1	-1.4
comp=Z,7.5nm,1.0s						
CCB	Clear Creek Bu	86.98 24	eP	P	20 54 17.7	-1.7
comp=Z,12nm,1.1s						
IL1	Eielson Array	87.39 24	eP	P	20 54 19.7	-1.7
ILAR	Eielson Array	87.39 24	eP	P	20 54 19.2	-2.2
comp=Z,4.2nm,0.9s,baz=256,slow=5.2,SNR=37						
ILB	Eielson Array	87.39 24	eP	P	20 54 19.4	-2.0
SYO	Syowa Base	88.84 200	eX	P	20 54 20.8	-7.4
ASBAR	Akbulak array	90.87 319	eP	P	20 54 36.5	-1.7
ARU	Arti	92.75 326	eP	P	20 54 45.3	-1.4
ARU	Arti	92.75 326	iP	P	20 54 45.5	-1.2
ARU				20 58 26.9		
ARU				21 05 16.1	-2.3	
ARU				21 06 58.2	-2.8	
comp=Z,8.0nm,1.3s						
YBH	Yreka Blue Hor	97.10 49	LR	LR	21 30 33.5	
comp=Z,100nm,20.1s,baz=278,slow=30						
PINE	Pine Mountain	98.47 47	eP	Pdf	20 55 13.1	-0.3
comp=Z,4.9nm,0.6s						
SNA	Sanae	98.81 190	LR	LR	21 40 28.2	
comp=Z,78nm,19.8s,baz=190,slow=36						
NV01	Milna Array St	100.40 52	eP	Pdf	20 55 22.0	-0.1
NVAR	Milna Array	100.70 52	eP	Pdf	20 55 22.3	+0.2
comp=Z,1.0nm,0.8s,baz=274,slow=5.7,SNR=6.2						
HKT	Hockley	119.68 59	ePKIKP	PKPpre	21 00 19.2	
HKT				pmax		
comp=Z,50nm,2.5s						
GEC2	GERES Array S	120.49 324	ePKP	PKP	21 00 25.6	-0.7
GEC2	GERES Array S	120.49 324	ePKIKP	PKP	21 00 25.6	-0.7
GERES	GERES Array B	120.49 324	PKP	PKP	21 00 25.6	-0.7
comp=Z,0.5nm,0.6s,baz=80,slow=2.4,SNR=5.2						
PLCA	Paso Flores	123.36 149	ePKP	PKP	21 00 32.8	+0.7
comp=Z,3.5nm,1.2s,baz=148,slow=2.5,SNR=3.6						
Q51A	Peebles	126.87 45	eSdif	Sdif	21 10 37.3	+0.1
TORD	Torodi Ar. Bea	141.98 283	PKHKP	PKPpre	21 01 01.9	
comp=Z,0.8nm,0.7s,baz=73,slow=3.2,SNR=6.4						
TOA1	Torodi Ar. Sit	141.98 283	ePKPpre	PKPpre	21 01 01.9	
SDV	Santo Domingo	145.88 84	PKPbc	PKPbc	21 01 15.5	-0.1
comp=Z,15nm,0.9s,baz=238,slow=2.6,SNR=6.1						
SDV	Santo Domingo	145.88 84	ePKP	PKP	21 01 15.0	+0.2
KOWA	Kowa	147.28 286	PKPbc	PKP	21 01 24.7	+3.9
comp=Z,3.5nm,0.5s,baz=41,slow=2.8,SNR=16						
KIC	Kosan Boka	148.58 271	ePKP1	PKPbc	21 01 23.1	+0.5
comp=Z,25nm,1.0s						
DBIC	Dimbokro	148.70 272	PKPbc	PKPbc	21 01 22.9	0.0
comp=Z,6.1nm,0.7s,baz=56,slow=3.1,SNR=10						
DBIC	Dimbokro	148.70 272	ePKPbc	PKPbc	21 01 23.6	+0.7
SJG	San Juan	148.81 66	PKPbc	PKPbc	21 01 21.4	-1.6
comp=Z,7.4nm,0.5s,baz=32,slow=12,SNR=4.4						
LIC	Lamto	148.85 271	ePKP1	PKPbc	21 01 24.0	+0.7
comp=Z,5.1nm,0.8s						
TIC	Toumodi	148.86 272	ePKP1	PKPbc	21 01 24.0	+0.7
HUMP	Col San Antoni	149.08 66	ePKPbc	PKPbc	21 01 22.7	-0.9
SAML	Samuel	149.11 120	ePKP	PKP	21 01 19.3	-0.4
SAML	Samuel	149.11 120	ePKPbc	PKPbc	21 01 24.0	+0.1
SAML	Samuel	149.11 120	ePKIKP	PKP	21 01 19.3	-0.4
SAML	Samuel	149.11 120	ePKIKP	PKP	21 01 24.0	

ISCJB 01 20:42:09.4,0.4,24.45N,0.03,122.71E:0.02,h62km,5km,
 Error ellipse: s-maj=5.3km s-min=2.6km az=179.2
 JMA 01 20:42:09.5,0.1,24.36N,122.70E,h62km,1km,M2.0
 TAP 01 20:42:09.3,24.43N,122.68E,h60km,1km,ML2.6,C
 ISC 01 20:42:09.9,1.2,24.45N,0.04,122.71E:0.02,h60km,7km,
 n61,0090/98,1C-3D,Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
JYNG	Yonagunijimaku	01 91°	ISC	20 42 19.6	+0.1
JYNG		S	Sn	20 42 26.7	+0.3
YOJ	Yonaguniji	0.28 88°	lP	20 42 19.9	+0.1
YOJ			S	20 42 27.3	+0.2
YOJ	Yonaguniji	0.28 88°	P	20 42 19.9	+0.1
YOJ			S	20 42 27.3	+0.2
EOS1	EOS1	0.54 280°	lP	20 42 22.3	0.0
EOS1			S	20 42 31.9	+0.7
TWC	Suao	0.80 281°	lP	20 42 24.9	-0.

OBIP	Obispado Ponce	2.57 235	eS	Sn	21 38 1.1	+0.2
OBIP	Obispado Ponce	2.57 235	eP	Pn	21 38 06.9	+0.4
OBIP	Obispado Ponce	2.57 235	ePn	Pn	21 38 04.6	-1.9
ICMP	Isia Caja de M	2.60 231	eS	Sn	21 31 37.9	+0.9
ICMP	Isia Caja de M	2.60 231	eP	Pn	21 31 07.9	+0.6
ICMP	Isia Caja de M	2.60 231	ePn	Pn	21 31 11.6	+0.2
AGPR	Aguadilla, PR	2.78 248	eS	Sn	21 31 42.8	+0.4
AGPR	Aguadilla, PR	2.78 248	eP	Pn	21 31 09.0	-0.4
AGPR	Aguadilla, PR	2.78 248	ePn	Pn	21 31 42.8	-0.4
AGP	Aguadilla	2.83 247	ePn	Pn	21 31 08.8	-1.3
LSP	Las Mesas	2.88 242	eP	Pn	21 31 11.6	+0.2
LSP	Las Mesas	2.88 242	eS	Sn	21 31 11.4	+0.5
LSP	Las Mesas	2.88 242	ePn	Pn	21 31 45.5	+0.3
NVRH	Round Hill, Ne	2.90 144	eP	Pn	21 31 14.1	+2.9
MPR	Mayaguez	2.91 243	ePn	Pn	21 31 12.6	+1.3
NVRH	Bath Hotel, Ne	2.95 145	eP	Pn	21 31 11.6	+0.2
CRPR	Cabo Rojo, PR	2.99 240	eP	Pn	21 31 12.2	0.0
CRPR	Cabo Rojo, PR	2.99 240	eS	Sn	21 31 48.0	-0.3
CRPR	Cabo Rojo, PR	2.99 240	ePn	Pn	21 31 12.3	0.0
ANWB	Willy Bob	3.10 127	eP	Pn	21 31 12.5	-1.3
ANWB	Willy Bob	3.10 127	ePn	Pn	21 31 12.3	-0.2
ANWB	Willy Bob	3.10 127	eS	Sn	21 31 12.3	-1.6
ANWB	Willy Bob	3.10 127	eP	Pn	21 31 50.5	-0.6
IDE	Isia Desecheo	3.13 249	eP	Sn	21 31 14.0	-0.2
IDE	Isia Desecheo	3.13 249	eS	Sn	21 31 51.3	-0.6
IDE	Isia Desecheo	3.13 249	ePn	Pn	21 31 14.0	-0.2
IDE	Isia Desecheo	3.13 249	eS	Sn	21 31 51.3	-0.6
MBWH	Lee's Yard	3.49 143	eP	Pn	21 31 19.5	+0.3
MLYT	Lee's Yard	3.51 143	eP	Pn	21 31 19.6	+0.2
MLYT	Lee's Yard	3.51 143	eS	Sg	21 32 15.2	-2.0
IMPR	Mona Island, P	3.65 247	eP	Pn	21 31 21.6	+0.2
IMPR	Mona Island, P	3.65 247	eS	Sn	21 32 03.7	+0.9
GDHS	Morne Mazeau,	4.11 142	ePn	Pn	21 31 28.9	+1.2
SEG	Port Louis	4.17 138	eP	Pn	21 31 28.7	+0.2
TBG	Guadaloupe-3	4.51 144	eP	Pn	21 31 35.2	+2.0
MVG	Marie-Galante	4.65 140	eP	Pn	21 31 35.0	-0.1
MDGC	Dominica, Viel	4.84 143	eP	Pn	21 31 45.4	-4.3
MDVC	Dominica, Viel	4.84 143	eP	Pn	21 32 06.0	+1.9
MDPO	Dominica: Chan	4.84 144	eP	Pn	21 31 37.0	-0.9
MDPO	Dominica: Chan	4.84 144	eS	Sn	21 32 31.6	-2.6
DBL	Barber's Block	4.88 145	eP	Pn	21 31 38.8	+0.5
DBL	La Plaine	5.16 144	eP	Pn	21 31 52.9	-2.2
DLP	La Plaine	5.16 144	eP	Pn	21 32 44.4	+2.4
DFD	Fort de France	5.70 147	ePn	Pn	21 31 51.4	+1.7
BANI	BANI	5.75 259	ePn	Pn	21 31 50.5	0.0
SVB	Belmont	6.93 154	eP	Pn	21 32 11.7	+5.2
SVCV	St. Vincent, C	6.97 153	e	Pn	21 32 15.3	+8.2
GRGR	Grenville	7.83 160	ePn	Pn	21 32 21.9	+3.1
LQNH	La Grande	7.83 264	eP	Pn	21 32 03.6	+0.7
PCRV	Puerto La Cruz	9.32 181	Pn	Pn	21 32 40.5	+1.2
SDV	0.7m,0.3s,baz=18,slo=6.4,SNR=2.6	12.19 211	Pn	Pn	21 33 21.1	+2.3
SDV	0.9m,0.3s,baz=44,slo=7.8,SNR=6.0		Sn	Sn	21 35 30.7	-4.5
BBSR	BB Station	12.78 359	ePn	Pn	21 33 23.6	-3.0
MOTC	Monterria, Cord	15.28 227	eP	Pn	21 34 03.8	-1.9
BARC	Barichara	15.45 215	eP	Pn	21 34 01.9	-1.3
RUSC	La Rusia	15.98 219	eP	Pn	21 34 02.9	0.0
DBDC	Dabeiba	16.93 224	eP	Pn	21 34 25.2	+1.1
HELK	Santa Helena	17.13 221	eP	Pn	21 34 23.8	-1.0
CHIC	Chingaza	17.39 213	eP	Pn	21 34 27.1	-1.1
ROSC	El Rosal	17.52 215	eP	Pn	21 34 30.7	+0.9
ROSC	1.3m,0.3s,baz=160,slo=15,SNR=5.4		LR	LR	21 41 35.6	
ROSC	comp=Z,151nm,21.2s,baz=72,slo=38		Pn	Pn	21 34 30.1	+0.3
ROSC	El Rosal	17.52 215	eP	Pn	21 34 30.1	+0.3
NHSC	New Hope	19.52 317	eP	Pn	21 34 55.1	+1.4
555A	McAlpin	19.84 306	eP	Pn	21 34 57.6	0.0
255A	Hazelst	20.39 311	eP	Pn	21 35 03.5	-0.4
PTGA	Pittinga	20.61 167	P	Pn	21 35 02.5	-2.0
TIGA	Tifton	20.95 308	eP	Pn	21 35 09.2	+1.2
JSC	Jenkinsville	20.97 318	eP	Pn	21 35 10.1	-0.6
154A	Montrose	21.21 312	eP	Pn	21 35 12.3	+1.5
GOGA	Godfrey	21.90 313	eP	Pn	21 35 12.2	+0.9
GOGA	Godfrey	21.90 313	eS	S	21 39 22.1	+1.6
BLA	Blacksburg	22.49 325	eP	Pn	21 35 26.2	+1.6
BLA	Blacksburg	22.49 325	eS	S	21 39 35.9	+4.2
SDMD	Soldier's Deli	22.52 334	eP	Pn	21 35 26.3	+1.5
Y52A	Libern	22.57 313	eS	S	21 39 34.4	+2.3
CPNY	Central Park	22.70 341	eP	Pn	21 35 28.6	+1.9
V53A	Saluda	22.83 318	eP	Pn	21 35 29.9	+1.6
V53A	Saluda	22.83 318	eS	S	21 39 39.2	+1.3
TKL	Tuckaleechee C	23.43 317	eP	Pn	21 35 34.8	+0.4
OTAV	Otavallo	23.62 217	eP	Pn	21 35 36.7	-0.1
MCWV	Mont Chateau	24.06 330	eP	Pn	21 35 41.3	+1.0
W50A	Signal Mountai	24.18 314	eP	Pn	21 35 42.7	+1.2
W50A	Moaine State	25.16 331	ePn	S	21 40 19.2	+1.9
APG	El Apazote	25.28 264	P	Pn	21 35 53.1	+1.2
ALLY	Allegny Colie	25.79 332	eP	Pn	21 35 57.3	+1.3
ACSO	Alum Creek Sta	26.07 326	eP	Pn	21 35 59.7	+1.1
WVT	Waverly	26.40 314	eP	Pn	21 36 02.3	+0.7
WCI	Wyandotte Cave	26.64 319	eP	Pn	21 36 05.1	+1.6
SAML	Samuel	28.31 177	eP	Pn	21 36 18.7	-0.4
LNIG	Linares	32.84 286	eP	Pn	21 36 58.6	-0.4
D41A	Chassel	33.80 330	eP	Pn	21 37 08.4	+1.3
ABTX	Abilene, Hawle	34.07 300	eP	Pn	21 37 10.1	+0.5
J36A	Seneca 1, Swea	34.54 320	eP	Pn	21 37 14.0	+0.5
C40A	Isle Royale Na	34.70 330	eP	Pn	21 37 16.3	+1.5
LPZA	La Paz	35.80 186	P	Pn	21 37 25.4	+0.2
EYMN	Ely	35.84 328	eP	Pn	21 37 25.8	+1.1
ECSD	EROS Data Cent	36.15 319	eP	Pn	21 37 27.8	+0.4
AMTX	Amarillo	36.27 303	eP	Pn	21 37 29.2	+0.5
TXAR	Lajitas Array	36.91 293	P	Pn	21 37 34.6	+0.4
TX31	Lajitas Ar. Si	36.91 293	eP	Pn	21 37 35.6	+1.4
BDFB	Brasilia	38.50 154	P	Pn	21 37 48.2	+0.5
MNTX	Corudas Mount	38.67 297	eP	Pn	21 37 49.4	+0.4
T25A	Trinidad	39.00 305	eP	Pn	21 37 51.5	-0.4
ULM	Lac du Bonnet	39.53 328	P	Pn	21 37 55.6	-0.2
ULM	Lac du Bonnet	39.53 328	eP	Pn	21 37 55.6	-0.2
ULM	Lac du Bonnet	39.53 328	eP	Pn	21 37 55.6	-0.2
SDCO	Great Sand Dun	40.06 306	eP	Pn	21 38 01.2	+0.9
BNM	Barren Site	40.10 300	eP	Pn	21 38 01.2	+0.1
ANMO	Albuquerque	40.11 301	eP	Pn	21 38 02.3	+1.2
LENM	Lemitar	40.38 306	eP	Pn	21 38 03.9	+0.5
VPV13	Radium Mtn., P	42.64 305	eP	Pn	21 38 23.5	+1.5
VPV12	Saucer Basin,	42.66 306	eP	Pn	21 38 23.0	+0.9

VPV03	Paradox Valley	42.69 306	eP	P	21 38 23.6	+1.3
VPV11	9.1m,0.4s	42.72 306	eP	P	21 38 23.1	+0.5
VPV18	Skein Mesa, Pa	42.73 306	eP	P	21 38 23.6	+0.9
VPV16	Nyssonweger Mesa	42.75 306	eP	P	21 38 23.7	-0.1
VPV17	East Wray Mesa	42.78 306	eP	P	21 38 23.8	+0.7
WUAZ	Wupatki	44.17 301	eP	P	21 38 35.3	+1.0
BW06	Boulder Array	44.38 312	eP	P	21 38 36.7	+0.7
PD31	Pinedale Array	44.38 312	eP	P	21 38 36.9	+0.9
PDAR	Pinedale Array	44.38 312	eP	P	21 38 35.7	-0.3
PDAR	Pinedale Array	44.38 312	eP	P	21 38 37.3	+0.4
TMUT	Trail Mountain	44.71 306	eP	P	21 38 39.5	+0.7
RLMT	Red Lodge	44.92 315	eP	P	21 38 40.9	+0.6
LOHW	Low Hollow	45.36 313	eP	P	21 38 43.5	-0.2
REDW	Red Top Meadow	45.46 312	eP	P	21 38 45.1	+0.6
FLWY	Flagg Ranch	45.56 313	eP	P	21 38 45.4	+0.1
YHG	Horse Butte	46.10 314	eP	P	21 38 50.7	+1.1
DUB	Dugway, Tooele	46.11 307	eP	P	21 38 49.8	+0.2
CPUP	Villa Florida	46.11 171	P	P	21 38 47.6	-1.8
PSUT	Pin Spring	46.60 305	eP	P	21 38 54.3	+0.8
TPNV	Topopah Spring	48.26 302	eP	P	21 39 06.6	+0.2
NV11	Mina Array Sit	49.93 304	eP	P	21 39 20.3	+1.1
KVN	Kaiserville	49.95 305	eP	P	21 39 20.1	+0.7
NV01	Mina Array Sit	50.04 304	eP	P	21 39 20.8	+0.6
NVAR	Mina Array Be	50.04 304	P	P	21 39 20.6	+0.4
NEW	Newport	51.02 317	P	P	21 39 26.6	-0.6
NEW	Newport	51.02 317	P	P	21 39 27.4	+0.2
PNTR	Pine Nut	51.12 305	eP	P	21 39 28.6	+0.3
SAO	San Andreas Ge	52.40 302	eP	P	21 39 38.1	+0.4
YBH	Yreka Blue Hor	53.75 308	P	P	21 39 46.2	-1.4
YKA	Yellowknife Ar	54.92 334	P	P	21 39 54.2	-1.4
TORD	Torodi Ar, Bea	63.42 85	P	P	21 40 54.9	-0.5
ILAR	Eielson Array	69.31 333	P	P	21 41 31.5	-0.8
FINES	FINES Array B	73.27 30	P	P	21 41 56.5	+0.3
LZH	Lanzhou	123.56	1.1ePKP	PKPdf	21 49 23.3	-0.1
LZH	Lanzhou	123.56	1.1ePKP	pPKP	21 49 26.7	+0.7
LZH	Lanzhou	123.56	1.1ePKP	PKP	21 49 28.5	0.0
WAR	Warramunga Arr	162.35 266	PKP	PKPab	21 51 14.4	-0.8
ASAR	Asie Springs	162.49 259	PKPab	PKPab	21 51 14.4	-1.3
REY	01 21:49:32.6, 70.83N, 8.84W, h10km					
NAO	01 21:49:33.4, 2.5, 71.36N, 8.38W, ML3.6					
BER	01 21:49:33.5, 2.1, 71.32N, 9.08W, h0km, 2.9km, ML3.4, ML3.6(NAO)					
ISC	01 21:49:32.1, 0.9, 71.33N, 0.08, 9.4W, 0.1, h18km, 5km, m29, e17443, 1C, Jan Mayen Island region					
Code	Station Name	Δ° AZ°	Op	Phase	IDC	Time Res
JNW	Jan Mayen West	0.44 133	Op	ISC	h m s	ISC
JNW	Jan Mayen	0.45 133	eS	Pg	21 49 44.7	-2.3
JNW	Jan Mayen	0.45 133	eS	IAML	21 49 46.4	0.0
JMIC	Jan Mayen	0.45 139	Pg	Pg	21 49 40.5	-0.7
JMIC	Jan Mayen	0.45 139	eS	Lg	21 49 45.7	0.0
JMIC	Jan Mayen	0.45 139	eS	Pg	21 49 45.1	-1.1
JMIC	Jan Mayen	0.45 139	eS	Pg	21 49 45.3	-2.2
JMIC	Jan Mayen	0.45 139	eS	IAML	21 49 52.4	0.0
JMI	Jan Mayen	0.46 151	Op	Pg	21 49 40.6	-0.8
JMI	Jan Mayen	0.46 151	Op	Sg	21 49 46.4	-1.2
JMI	Jan Mayen	0.46 151	Op	Pg	21 49 46.6	0.0
JNE	Jan Mayen East	0.50 133	eP	Pg	21 49 40.8	-1.2
JNE	Jan Mayen	0.50 133	eS	Sg	21 49 46.2	-2.5
JNE	Jan Mayen	0.50 133	eS	IAML	21 49 46.7	0.0
JMI	Jan Mayen	0.46 151	Op	Pg	21 49 40.6	-0.8
JMI	Jan Mayen	0.46 151	Op	Sg	21 49 46.4	-1.2
JMI	Jan Mayen	0.46 151	Op	Pg	21 49 46.6	0.0
JNE	Jan Mayen East	0.50 133	eP	Pg	21 49 40.8	-1.2
JNE	Jan Mayen	0.50 133	eS	Sg	21 49 46.2	-2.5
JNE	Jan Mayen	0.50 133	eS	IAML	21 49 46.7	0.0

1d 23h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ECHE, EMOS, ECAB, PAB, etc.

IDC 01 22:01:47.8;2.2,10.43N;126.61E,h0km,mb3.7/6, mb1 3.8/6,mb1mx3.5/6,mbtmp3.7/6,Error ellipse: s-maj=22.15km s-min=19.4km az=67.0, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA, ASAR, STKA, MKAR, etc.

ISC/JB 01 22:14:29.2;0.8,12.23N;0.05;88.89W,0.05,h41km;10km, mb3.7/6,MS3.2/1,Error ellipse: s-maj=11.0km s-min=4.7km az=42.6

UCR 01 22:14:29.2;0.2,12.43N;88.82W,h103km;44km,MD4.1, ML3.9

IDC 01 22:14:34.5;2.3,12.56N;88.34W,h67km;22km,mb3.5/6, mb1 3.8/6,mb1mx3.5/6,mbtmp3.8/8,MS3.3/1,Ms1 3.4/1, ms1mx2.7/35,Error ellipse: s-maj=49.7km s-min=14.4km az=4.0

ISC 01 22:14:32.4;1.5,12.37N;0.07;88.72W,0.07,h50km;14km, n34,az170/38,mb3.7/6,Off coast of Central America

Large table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LCY, VSM, PAVA, PACA, etc.

PDA 01 22:00:40.5;0.9,39.41N;29.88W,h10km,MD3.5,ML2.8, Error ellipse: s-maj=8.3km s-min=2.8km az=22.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like H07S1, PCED, CALA, etc.

IDC 01 22:31:05.5;1.7,10.50N;126.68E,h0km,mb3.7/7, mb1 3.8/7,mb1mx3.5/6,mbtmp3.7/7,Error ellipse: s-maj=15.49km s-min=19.4km az=69.0, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA, ASAR, etc.

2012 SEP

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SONM, MKAR, KURBB, etc.

SFS 01 23:01:31.0;3.6;66N;11.30W,h35km,ML3.8,CABO DE SAIN VICENTE MDD 01 23:01:32.3;1.2;36;80N;11.04W,h0km,mbLg2.9/24, Error ellipse: s-maj=10.9km s-min=8.6km az=52.0, PFXIMO

INMG 01 23:01:33.8;1.3,36.66N;11.23W,h31km,MD2.7,ML2.6, Error ellipse: s-maj=5.3km s-min=3.8km az=66.0

IGIL 01 23:01:33.6,36.70N;11.17W,h23km,ML2.7 CNRM 01 23:01:35.1,36.34N;10.77W,h30km,ML3.0

ISC 01 23:01:28.5;2.4,36.63N;0.07;11.2W,0.1,h26km;17km, n88,az37/11.2,C,Azores-Cape St. Vincent Ridge

Large table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PFVI, PTEO, PMST, etc.

PDA 01 23:19:58.9;0.9,39.57N;29.83W,h10km,MD3.5,ML2.6, Error ellipse: s-maj=21.0km s-min=7.1km az=52.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PCED, CALA, ROSA, etc.

PDA 01 23:22:47.6;1.2,39.43N;29.87W,h10km,MD3.6,ML3.0, Error ellipse: s-maj=10.8km s-min=3.7km az=22.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like H07S1, PCED, CALA, etc.

78

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MTE, MTE, PVIS, etc.

ISC/JB 01 22:14:29.2;0.8,12.23N;0.05;88.89W,0.05,h41km;10km, mb3.7/6,MS3.2/1,Error ellipse: s-maj=11.0km s-min=4.7km az=42.6

UCR 01 22:14:29.2;0.2,12.43N;88.82W,h103km;44km,MD4.1, ML3.9

IDC 01 22:14:34.5;2.3,12.56N;88.34W,h67km;22km,mb3.5/6, mb1 3.8/6,mb1mx3.5/6,mbtmp3.8/8,MS3.3/1,Ms1 3.4/1, ms1mx2.7/35,Error ellipse: s-maj=49.7km s-min=14.4km az=4.0

ISC 01 22:14:32.4;1.5,12.37N;0.07;88.72W,0.07,h50km;14km, n34,az170/38,mb3.7/6,Off coast of Central America

Large table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like EADA, MVO, MVO, etc.

PDA 01 23:19:58.9;0.9,39.57N;29.83W,h10km,MD3.5,ML2.6, Error ellipse: s-maj=21.0km s-min=7.1km az=52.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PCED, CALA, ROSA, etc.

PDA 01 23:22:47.6;1.2,39.43N;29.87W,h10km,MD3.6,ML3.0, Error ellipse: s-maj=10.8km s-min=3.7km az=22.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like H07S1, PCED, CALA, etc.

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like HORTA, PCAN, ROSA, PICO, PGRA, PMAN.

IDC 01 23:26:42.0.9.2.93N:93.74E, h0km, mb3.9/14, mb1.3/9/16, mb1mx3.7/76, mbtmp3.9/16, ML4.0/2, MS3.1/1, Ms1.3/1.1, ms1mx2.7/1, Error ellipse: s-maj=32.1km s-min=14.6km az=13.0

ISCJB 01 23:26:43.2.0.1.0.93N:10.937E:0.1, h17km, mb3.0/19, Error ellipse: s-maj=18.5km s-min=9.4km az=138.0, NEIC 01 23:26:43.9.0.5.2.88N:93.68E, h10km, mb4.4/5, Error ellipse: s-maj=15.8km s-min=8.1km az=48.0

ISC 01 23:26:45.6.0.9.3.0N:0.1.93.9E:0.1, h17km, n29, 1512Z, mb4.1/19, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like PSI, PALK, CMAR, H08S2, LSA, MBWA, FITZ, JOW, H01W3, H01W2, MKAR, WRA, WRAB, SONM, ASAR, GEYT, KURB, KURK, HIA, ZALV, BVAR, BRTR, MA2, FINES, GERES, DAVOX.

ISCJB 01 23:30:35.5.0.5.10.31S:0.06:161.28E:0.08, h82km, mb4.1/19, Error ellipse: s-maj=11.8km s-min=7.9km az=155.2

NEIC 01 23:30:40.5.0.9.1.0.26S:161.13E, h86km, mb3.8/16, Error ellipse: s-maj=9.6km s-min=7.0km az=84.0, IDC 01 23:30:40.2.1.9.10.25S:161.16E, h82km, mb3.8/16, mb1.4/0/17, mb1mx3.8/54, mbtmp4.1/17, MS3.5/7, Ms1.3/5.7, ms1mx3.0/48, Error ellipse: s-maj=19.5km s-min=13.0km az=91.0

ISC 01 23:30:37.8.0.7.10.27S:0.08:161.23E:0.10, h62km, n34, 1525Z, mb4.1/19, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like HNR, DZM, PZM, CTAO, JAY, AFI, WRAB, WRA, STKA, H11S2, H11S3, H11S1, ASAR, H11N1, H11N3, H11N2, FITZ, BATI.

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like MJAR, MAJO, KSRS, KSAR, USRK, PETK, VNDA, CMAR, ULN, SONM, GSPA, MAW, ILAR, NVAR, ANMO.

IDC 01 23:38:00.7.0.5.10.35N:126.86E, h0km, mb3.7/2, mb1.4/3/23, mb1mx4.1/62, mbtmp4.2/23, MS3.0/7, Ms1.3/0.7, ms1mx2.8/62, Error ellipse: s-maj=25.0km s-min=11.0km az=78.0

ISCJB 01 23:38:02.1.0.4.10.45N:10.04:126.97E:0.04, h20km, mb4.1/28, MS2.9/6, Error ellipse: s-maj=6.4km s-min=5.5km az=160.6

NEIC 01 23:38:05.8.0.9.2.0.34N:126.89E, h35km, mb4.4/4, Error ellipse: s-maj=12.1km s-min=5.4km az=76.0, ISC 01 23:38:03.9.0.5.10.47N:0.05:126.95E:0.07, h20km, n45, 1508Z, mb4.3/28, MS2.9/6, ID, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like FITZ, WRA, ASAR, STKA, MKAR, KURB.

ISCJB 01 23:39:10.1.0.4.34.07N:10.04:28.76E:0.04, h33km, Error ellipse: s-maj=7.1km s-min=3.4km az=39.2, ATH 01 23:39:10.2.34.11N:28.73E, h41km, 12km, ML2.5/4, Error ellipse: s-maj=14.8km s-min=1.8km az=149.0

GII 01 23:39:16.0.0.0.33.77N:29.34E, h1km, MD2.8/2, DDA 01 23:39:38.9.36.48N:28.41E, h7km, MI2.7, ISC 01 23:39:11.2.1.2.34.05N:0.07:28.74E:0.06, h35km, n31, 1513Z, 411, Eastern Mediterranean Sea region

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like KARP, KSL, ARG, DALY, TURN, DATC, NPS, LAST, LAST, LAST, BDRM, GOLH, SIVA, TAVA, AYDN, CSS, GVD, KHAL, HNTI, SHTI, SLOI, MMAO, KZIT, AMAZ, MMLI, NMTI, NATI, HMDT, KHST, DSI, MZDA, PRNI, HRFI, MBRI, EIL.

IDC 01 23:55:29.6.1.4.10.64N:126.79E, h0km, mb3.8/10, mb1.3/9/10, mb1mx3.6/65, mbtmp3.8/10, Error ellipse: s-maj=12.8km s-min=15.8km az=70.0

ISCJB 01 23:55:30.6.0.6.10.65N:10.09:126.9E:0.2, h20km, mb3.9/13, Error ellipse: s-maj=34.4km s-min=10.8km az=165.5

NEIC 01 23:55:34.7.0.4.10.66N:126.85E, h35km, mb4.3/3, Error ellipse: s-maj=26.5km s-min=8.3km az=76.0, ISC 01 23:55:32.6.0.6.10.7N:0.1:126.9E:0.3, h20km, n14, 1507Z, 1/14, mb3.9/13, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like INCN, MAJO, FITZ, WRA, ASAR, STKA, MKAR, KURK, KURB, TAU, BVAR, ARCES, BRTR, FINES.

NIED 01 23:56:00.31.70N:132.00E, h17km, Mw3.7, Best double couple: M4.42000.1014 NP19:211.00000, 833.00000, 1.89.00000, NP29:32.00000, 857.00000, 1.91.00000, JMA 01 23:55:55.8.0.1.31.72N:131.98E, h27km, Mw3.6, 4C-3D, Kyushu

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like JNAR, JEAR, JTSN, JHHC, JHJC, ITZ, JZO, JSU, JTO, JTN.

IDC 01 23:58:00.7.0.5.10.35N:126.86E, h0km, mb3.7/2, mb1.4/3/23, mb1mx4.1/62, mbtmp4.2/23, MS3.0/7, Ms1.3/0.7, ms1mx2.8/62, Error ellipse: s-maj=25.0km s-min=11.0km az=78.0

ISCJB 01 23:58:02.1.0.4.10.45N:10.04:126.97E:0.04, h20km, mb4.1/28, MS2.9/6, Error ellipse: s-maj=6.4km s-min=5.5km az=160.6

NEIC 01 23:58:05.8.0.9.2.0.34N:126.89E, h35km, mb4.4/4, Error ellipse: s-maj=12.1km s-min=5.4km az=76.0, ISC 01 23:58:03.9.0.5.10.47N:0.05:126.95E:0.07, h20km, n45, 1508Z, mb4.3/28, MS2.9/6, ID, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like BESP, BCP, BUTP, MSLP, LLLP, LLP, CAGP, CNP, BUKP, RCP, GUM, BAIJ, BATI, JNU, JHU, KSAR, KSRS, KARS.

ISCJB 01 23:58:02.1.0.4.10.45N:10.04:126.97E:0.04, h20km, mb4.1/28, MS2.9/6, Error ellipse: s-maj=6.4km s-min=5.5km az=160.6

NEIC 01 23:58:05.8.0.9.2.0.34N:126.89E, h35km, mb4.4/4, Error ellipse: s-maj=12.1km s-min=5.4km az=76.0, ISC 01 23:58:03.9.0.5.10.47N:0.05:126.95E:0.07, h20km, n45, 1508Z, mb4.3/28, MS2.9/6, ID, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like BESP, BUTP, MSLP, LLLP, LLP, CAGP, CNP, BUKP, RCP, GUM, BAIJ, BATI, JNU, JHU, KSAR, KSRS, KARS, JNAR, JEAR, JTSN, JHHC, JHJC, ITZ, JZO, JSU, JTO, JTN, BDRM, GOLH, SIVA, TAVA, AYDN, CSS, GVD, KHAL, HNTI, SHTI, SLOI, MMAO, KZIT, AMAZ, MMLI, NMTI, NATI, HMDT, KHST, DSI, MZDA, PRNI, HRFI, MBRI, EIL, INCN, MAJO, FITZ, WRA, ASAR, STKA, MKAR, KURK, KURB, TAU, BVAR, ARCES, BRTR, FINES, PDA, PCED, CALA, HOR.

Table with columns: HOR, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ROSA Rosais, PCAN Candalaria, PICO Pico.

NIED 02 00:36:0.0, 35.40N, 141.120E, h17km, Mw3.7 Best double couple: M4.25000*10^4 NP1:213.00000*, 854.00000*, 1-24.00000*, NP2:318.00000*, 670.00000*, 1-141.00000*.

IDC 02 00:36:0.0, 9.1, 35.29N, 141.38E, h0km, mb3.3/4, mb1 3.5/7, mb1mx3.3/7, mbtmp3.7/7, ML3.2/2, MS2.5/3, Ms1 2.5/3, ms1mx2.4/3, Error ellipse: s-maj=35.2km s-min=23.0km az=82.0.

JMA 02 00:36:0.0, 6.0, 1.35, 36N, 141.18E, h19km, 2km, M3.6

ISC 02 00:36:0.2, 7.2, 35.23N, 105.141, 24E, 0.08, h13km, n24, r191/22, mb3.4/4, Near east coast of eastern Honshu

Main table for 2d 0h section, listing station names, coordinates, and seismic data for various stations like CHOU, BOSO, KTR, etc.

PDA 02 00:39:11.2, 0.9, 39.41N, 29.87W, h10km, MD3.6, ML3.3, 2C, Error ellipse: s-maj=6.0km s-min=2.6km az=23.0, Azores Islands

Table for Azores Islands section, listing stations like FLORES T-PHASE, Cedros, CALA, etc.

IDC 02 00:41:18.8, 0.6, 10.77N, 126.62E, h0km, mb4.2/1/3, mb1 4.3/13, mb1mx3.9/65, mbtmp4.2/13, MS2.9/4, Ms1 2.9/4, ms1mx2.6/61, Error ellipse: s-maj=43.8km s-min=12.4km az=73.0.

ISCJB 02 00:41:22.1, 0.4, 10.83N, 104.126, 74E, 0.05, h37km, mb4.2/20, MS2.6/1, Error ellipse: s-maj=7.3km s-min=5.9km az=0.9.

NEIC 02 00:41:24.0, 0.3, 10.76N, 126.62E, h35km, mb4.5/6, Error ellipse: s-maj=12.9km s-min=5.5km az=77.0.

MAN 02 00:41:24.9, 10.97N, 125.94E, h121km, mb4.6, ML3.5, MS3.3

ISC 02 00:41:24.2, 0.6, 10.88N, 105.126, 64E, 0.08, h37km, n32, r130/33, mb4.3/20, Philippine Islands region

Table for Philippine Islands region section, listing stations like BESP, MSLP, OMLP, etc.

Main table for 2012 SEP section, listing stations like JOW, GUMU, BATI, etc.

IDC 02 00:44:05.6, 1.1, 10.96N, 127.10E, h0km, mb4.0/9, mb1 4.1/9, mb1mx3.7/65, mbtmp4.0/9, Error ellipse: s-maj=78.4km s-min=15.0km az=70.0.

ISCJB 02 00:44:08.3, 0.5, 10.94N, 106.126, 88E, 0.05, h33km, mb4.2/16, Error ellipse: s-maj=8.9km s-min=6.3km az=35.3.

NEIC 02 00:44:10.8, 0.3, 10.93N, 127.12E, h35km, mb4.4/8, Error ellipse: s-maj=10.2km s-min=6.4km az=80.0.

ISC 02 00:44:10.3, 0.6, 11.07N, 108.126, 88E, 0.08, h35km, n22, r146/25, mb4.2/16, Philippine Islands region

Main table for 2012 SEP section, listing stations like BESP, MSLP, CNP, etc.

TEH 02 00:48:55.9, 29.87N, 50.88E, h10km, ML3.0

ISCJB 02 00:48:56.0, 5.2, 29.70N, 0.04, 51.0E, 0.1, h22km, Error ellipse: s-maj=15.0km s-min=5.5km az=11.0.

ISC 02 00:48:57.1, 3.2, 29.75N, 0.05, 50.9E, 0.1, h22km, n12, r092/15, Southern Iran

Main table for 2012 SEP section, listing stations like IKAZ, IPAR, ZNGN, etc.

Table for 80 section, listing stations like IGAR, IZEF, etc.

ISCJB 02 00:49:54.9, 0.8, 5.75S, 0.1, 68.62E, 0.08, h13km, mb4.2/6, MS3.7/2, Error ellipse: s-maj=18.2km s-min=6.7km az=34.1.

IDC 02 00:49:55.6, 2.5, 5.49S, 68.60E, h0km, mb4.1/5, mb1 4.3/6, mb1mx3.7/75, mbtmp4.1/6, ML4.0/1, MS3.8/2, Ms1 3.8/2, ms1mx3.0/68, Error ellipse: s-maj=75.6km s-min=26.1km az=66.0.

NEIC 02 00:49:56.7, 0.7, 5.52S, 68.59E, h10km, mb4.5/2, Error ellipse: s-maj=17.9km s-min=13.1km az=199.0.

ISC 02 00:49:57.0, 0.9, 5.65S, 0.1, 68.6E, 0.1, h13km, n21, r191/16, mb4.2/6, Chagos Archipelago region

Main table for 80 section, listing stations like H08N3, H08N2, etc.

MSEY Mahe Island 13.273 Pn Pn 00 53 02.5 -0.9

PALK Pallekele 17.57 43 Pn Pn 00 54 03.0 +0.2

OPC Obohidratompou 24.57 236 LR LR 01 02 40.0

KMBO Kilima Bogoro 31.63 277 LR LR 01 07 37.1

H01W3 Cape Leeuwin H 51.05 131 T T 01 54 03.8

H01W2 Cape Leeuwin H 51.06 131 T T 01 54 05.4

H01W1 Cape Leeuwin H 51.07 131 T T 01 54 08.2

NWAO Narrogin (SRO) 52.71 128 P P 00 59 13.3 +1.7

MKAN Makanchi Array 53.55 12 P P 00 59 17.5 -0.1

ZALV Zalesovo Beam 60.87 11 P P 01 00 08.3 -0.8

SOMN Songino Array 62.71 28 P P 01 00 21.6 -0.3

ASAR Alice Springs 65.14 113 P P 01 00 39.1 +0.9

WRA Warramunga Arr 65.29 109 P P 01 00 40.4 +1.1

NVAR Minerva Array Bea 146.72 10 PKPbc PKPbc 01 09 40.5 0.0

IDC 02 00:49:58.1, 0.3, 33.37N, 60.00E, h0km, mb4.7/41, mb1 4.8/47, mb1mx4.7/69, mbtmp4.7/47, ML4.0/4, MS4.2/58, Ms1 4.2/58, ms1mx4.1/72, Error ellipse: s-maj=8.9km s-min=6.0km az=165.0.

NEIC 02 00:50:00.5, 0.0, 33.47N, 59.90E, h12km, mb5.1/97, ML5.1(THR), MN5.2(TEH), After TEH.

MOS 02 00:50:00.1, 1.0, 33.45N, 59.97E, h21km, mb5.1/95, MS4.1/30, Error ellipse: s-maj=4.9km s-min=3.4km az=124.7.

TEH 02 00:50:00.1, 33.45N, 59.96E, h11km, ML5.1

GMCT 02 00:50:00.5, 0.2, 33.35N, 0.02, 60.04E, 0.02, h21km, MW5.0/77, Moment Tensor Solution. s22,c66; s77,c114; Dviation: 0 Moment tensor: Scale 10^19Nm; M3,3.44, 18; M3,2.44, 15; M3,1.02, 12; M2,0.47, 27; M2,2.67, 10; M1,1.69, 25; Best double couple: M4.36700, 1016; NP1:325.00000*, 855.00000*, 1.112, 0.00000*, NP2:1.108, 0.00000*, 839.00000*, 1.59, 0.00000*. Principal axes: T 4.0420, Plg69.0000*, Azm283.0000*, N 0.6880, Plg19.0000*, Azm133.0000*, P -4.7310, Plg10.0000*, Azm39.0000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table for 80 section, listing stations like SHRT, IMON, etc.

STATION	TIME	TYPE	STATUS	COORDS	SNR	DELTA	STATION	TIME	TYPE	STATUS	COORDS	SNR	DELTA								
SUW	Suwalki	33.16 320	eP	P	00 56 35.7	-1.0	GERES	comp=Z,3.1nm,1.0s,baz=100,slow=3.0,SNR=4.3	PcP	PcP	00 59 31.6	-0.9	GYA	SS	SS	01 06 44.2	-7.2				
SUW	Suwalki	33.16 320	eP	P	00 56 35.7	-1.0	GERES	comp=Z,3.1nm,1.0s,baz=100,slow=3.0,SNR=4.3	LR	LR	01 15 47.4		GYA	comp=Z,20nm,1.0s	pmax	pmax					
TTG	Podgorica	33.17 298	eP	P	00 56 36.1	-0.7	CHTO	comp=Z,263nm,18.3s,baz=109,slow=41	Chiang Mai	37.58 103	eP	P	00 57 16.9	+1.8	GYA	comp=Z,120nm,5.4s	LR	LR			
TTG	Podgorica	33.17 298	eP	P	00 56 36.2	-0.7	CHTO	comp=Z,10nm,1.1s	Chiang Mai	37.58 103	eP	P	00 57 15.9	+0.8	GYA	comp=Z,430nm,18.8s	LR	LR			
PSZ	Piszkesteto	33.35 308	iP	P	00 56 38.7	+0.1	CHTO	comp=Z,10nm,1.1s	Chiang Mai	37.58 103	eP	P	00 57 15.4	+0.3	GYA	comp=Z,460nm,18.2s	LR	LR			
PSZ	Piszkesteto	33.35 308	eP	P	00 56 38.6	+0.1	CHTO	comp=Z,10nm,1.1s	Chiang Mai	37.58 103	eP	P	00 57 15.9	+0.8	KEV	Kevo	40.75 343	eP	P	00 57 40.9	0.0
PSZ	Piszkesteto	33.35 308	eP	P	00 56 38.6	+0.1	CHTO	comp=Z,10nm,1.1s	Chiang Mai	37.58 103	eP	P	00 57 16.6	+1.5	KEV	Kevo	40.75 343	eP	P	00 57 40.9	0.0
NIE	Niedzica	33.41 311	eP	P	00 56 39.3	+0.4	CHTO	comp=Z,10nm,1.1s	Chiang Mai	37.58 103	eP	P	00 57 16.6	+1.5	ARCES	ARCCESS Array S	40.97 342	P	PP	00 57 42.4	-0.4
NIE	Niedzica	33.41 311	eP	P	00 56 39.3	+0.4	CHTO	comp=Z,10nm,1.1s	Chiang Mai	37.58 103	eP	P	00 57 16.6	+1.5	ARCES	ARCCESS Array S	40.97 342	P	PP	00 57 42.4	-0.4
VSU	Vasula	33.55 328	iP	P	00 56 40.0	0.0	KHC	comp=Z,6.7nm,1.2s,comp=Z,348nm	Kasperske Hory	37.69 309	eP	P	00 57 15.2	-0.5	ARCES	ARCCESS Array S	40.97 342	P	PP	00 57 42.4	-0.4
VSU	Vasula	33.55 328	iP	P	00 56 40.0	0.0	KHC	comp=Z,6.7nm,1.2s,comp=Z,348nm	Kasperske Hory	37.69 309	eP	P	00 57 15.2	-0.5	ARCES	ARCCESS Array S	40.97 342	P	PP	00 57 42.4	-0.4
BEL	Beisk	33.76 315	eP	P	00 56 42.1	+0.2	KHC	comp=Z,3.4nm,1.0s	Kasperske Hory	37.69 309	eP	P	00 57 15.2	-0.5	ARCES	ARCCESS Array S	40.97 342	P	PP	00 57 42.4	-0.4
BEL	Beisk	33.76 315	eP	P	00 56 42.1	+0.2	KHC	comp=Z,3.4nm,1.0s	Kasperske Hory	37.69 309	eP	P	00 57 15.2	-0.5	ARCES	ARCCESS Array S	40.97 342	P	PP	00 57 42.4	-0.4
LANS	Liptovska Anna	33.88 310	eP	P	00 56 42.8	-0.2	KHC	comp=Z,300nm,15.5s	Kasperske Hory	37.69 309	eP	P	00 57 15.2	-0.5	ARCES	ARCCESS Array S	40.97 342	P	PP	00 57 42.4	-0.4
LANS	Liptovska Anna	33.88 310	eP	P	00 56 42.8	-0.2	KHC	comp=Z,300nm,15.5s	Kasperske Hory	37.69 309	eP	P	00 57 15.2	-0.5	ARCES	ARCCESS Array S	40.97 342	P	PP	00 57 42.4	-0.4
OJC	Ojcow	33.91 312	eP	P	00 56 43.0	-0.3	KHC	comp=Z,300nm,15.5s	Kasperske Hory	37.69 309	eP	P	00 57 15.2	-0.5	ARCES	ARCCESS Array S	40.97 342	P	PP	00 57 42.4	-0.4
OJC	Ojcow	33.91 312	eP	P	00 56 43.0	-0.3	KHC	comp=Z,300nm,15.5s	Kasperske Hory	37.69 309	eP	P	00 57 15.2	-0.5	ARCES	ARCCESS Array S	40.97 342	P	PP	00 57 42.4	-0.4
OJC	Ojcow	33.91 312	eP	P	00 56 43.0	-0.3	KHC	comp=Z,300nm,15.5s	Kasperske Hory	37.69 309	eP	P	00 57 15.2	-0.5	ARCES	ARCCESS Array S	40.97 342	P	PP	00 57 42.4	-0.4
MORH	M'rt'igv, Hung	33.92 305	eP	P	00 56 43.6	+0.2	BRG	comp=Z,3.0nm,1.0s	Berggiesshubel	37.70 312	iP	P	00 57 16.0	+0.2	BFO	Black Forest	41.09 307	eP	P	00 57 42.4	-1.7
MORH	M'rt'igv, Hung	33.92 305	eP	P	00 56 43.6	+0.2	BRG	comp=Z,3.0nm,1.0s	Berggiesshubel	37.70 312	iP	P	00 57 16.0	+0.2	BFO	Black Forest	41.09 307	eP	P	00 57 42.4	-1.7
VYHS	Vyhne	34.16 309	eP	P	00 56 45.4	0.0	BRG	comp=Z,59nm,1.8s	Berggiesshubel	37.70 312	iP	P	00 57 16.0	+0.2	BFO	Black Forest	41.09 307	eP	P	00 57 42.4	-1.7
VYHS	Vyhne	34.16 309	eP	P	00 56 45.4	0.0	BRG	comp=Z,59nm,1.8s	Berggiesshubel	37.70 312	iP	P	00 57 16.0	+0.2	BFO	Black Forest	41.09 307	eP	P	00 57 42.4	-1.7
MOY	Mondy	34.69 46	eP	P	00 56 52.9	+2.8	BRG	comp=Z,351nm,21.9s	Berggiesshubel	37.70 312	iP	P	00 57 16.0	+0.2	BFO	Black Forest	41.09 307	eP	P	00 57 42.4	-1.7
MOY	Mondy	34.69 46	eP	P	00 56 52.9	+2.8	BRG	comp=Z,351nm,21.9s	Berggiesshubel	37.70 312	iP	P	00 57 16.0	+0.2	BFO	Black Forest	41.09 307	eP	P	00 57 42.4	-1.7
BLY	Banja Luka	34.80 302	iP	P	00 56 50.9	-0.1	BRG	comp=Z,59nm,1.8s	Berggiesshubel	37.70 312	iP	P	00 57 16.0	+0.2	BFO	Black Forest	41.09 307	eP	P	00 57 42.4	-1.7
BLY	Banja Luka	34.80 302	iP	P	00 56 50.9	-0.1	BRG	comp=Z,59nm,1.8s	Berggiesshubel	37.70 312	iP	P	00 57 16.0	+0.2	BFO	Black Forest	41.09 307	eP	P	00 57 42.4	-1.7
OKC	Ostrava-Krasne	34.87 311	eP	P	00 56 51.0	-0.5	BRG	comp=Z,351nm,21.9s	Berggiesshubel	37.70 312	iP	P	00 57 16.0	+0.2	BFO	Black Forest	41.09 307	eP	P	00 57 42.4	-1.7
OKC	Ostrava-Krasne	34.87 311	eP	P	00 56 51.0	-0.5	BRG	comp=Z,351nm,21.9s	Berggiesshubel	37.70 312	iP	P	00 57 16.0	+0.2	BFO	Black Forest	41.09 307	eP	P	00 57 42.4	-1.7
OKC	Ostrava-Krasne	34.87 311	eP	P	00 56 51.0	-0.5	BRG	comp=Z,351nm,21.9s	Berggiesshubel	37.70 312	iP	P	00 57 16.0	+0.2	BFO	Black Forest	41.09 307	eP	P	00 57 42.4	-1.7
JAVC	Velka Javorina	34.98 309	eP	P	00 56 52.2	-0.4	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
JAVC	Velka Javorina	34.98 309	eP	P	00 56 52.2	-0.4	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
SMOL	Smolenice	35.08 308	P	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou	35.24 311	eP	P	00 56 54.6	+0.2	CMAR	comp=E,2.3nm,0.5s,baz=285,slow=4.2,SNR=7.9	Chiang Mai Arr	37.76 103	P	P	00 57 17.6	+1.0	NONG	Nongkai	41.40 101	P	P	00 57 49.7	+2.8
MORC	Moravsky Berou																				

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Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNRf, SNRr, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

2012 SEP

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNRf, SNRr, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNRf, SNRr, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

IDC 02 00:52:40.1±0.8, 10°72'N, 126°54'E, h0km, mb4.1/10, mb1 4.2/10, mb1mx3.8/61, Error ellipse: s-maj=52.6km s-min=14.9km az=68.0

MAN 02 00:52:41.3, 10°48'N, 126°70'E, h18km, mb4.7, ML3.6, MS3.5

ISCJB 02 00:52:43.2±0.4, 10°71'N, 126°16'E, 0.07, h37km, mb4.1/15, MS4.0/1, Error ellipse: s-maj=10.7km s-min=6.2km az=146.9

NEIC 02 00:52:45.2±0.3, 10°71'N, 126°62'E, h35km, mb4.2/7, Error ellipse: s-maj=12.2km s-min=7.2km az=77.0

ISC 02 00:52:45.1±0.6, 10°79'N, 126°53'E, 0.08, h37km, n27, c1878/25, mb4.2/16, Philippine Islands region

Table with columns for Code, Station Name, Az, Az05, Op, Phase ID, Time, Res, ISC, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV, BVAR, KIV, ARCES, MAW, RES, PLCA.

THE 02:00:53:59.8, 38°93N:23°36E, h12km, 1km, ML1.9/9, Error ellipse: s-maj=1.2km s-min=0.6km az=96.0

ATH 02:00:53:59.7, 38°93N:23°39E, h12km, 2km, ML2.0/10, Error ellipse: s-maj=2.0km s-min=0.6km az=316.0, Greece

Main table of station data for the first section, including stations like Simia, Simia, Skiathos, Neokhori, Lokris, Alonissos, etc.

THR 02:00:57:23.0 4.0, 29°70N:59°72E, h18km, 8km, ML3.9

TEH 02:00:57:24.5, 29°96N:59°87E, h10km, ML4.1

ISCJB 02:00:57:25.2 0.8, 29°95N:0°06:59.92E:0°07, h10km, Error ellipse: s-maj=9.1km s-min=8.7km az=39.7

ISC 02:00:57:23.6:1.2, 29.79N:0.05:59.77E:0.04, h10km, n22, o1563/21, Southern Iran

Main table of station data for the second section, including stations like Zahedan, ZHFS, ZHSH, ZHSM, etc.

Main table of station data for the third section, including stations like KHGB, KHGB, IDAH, ITEG, IMON, NIAN, etc.

PDA 02:01:01:26.0:0.8, 39°57N:29°73W, h10km, MD3.5, ML2.0, Error ellipse: s-maj=20.9km s-min=7.5km az=58.0, Azores Islands

Table of station data for the Azores Islands section, including stations like CALA, ROSA, PCAN, PICO, etc.

ISC 02:01:38:11.3:0.7, 10°72N:126°49E, h0km, mb4.0/11, mb1.4/2.1, mb1mx3.8/6.0, mbtmp4.1/1.1, MS3.0/3, Ms1 3.0/3, ms1mx2.6/6.3, Error ellipse: s-maj=52.2km s-min=14.4km az=69.0

MAN 02:01:38:13.5, 10°83N:126°72E, h25km, mb4.8, ML3.7, MS3.6

ISCJB 02:01:38:14.1:0.5, 10°82N:126°04:126.71E:0.09, h37km, mb4.1/1.3, MS2.9/2, Error ellipse: s-maj=8.2km s-min=5.6km az=152.6

NEIC 02:01:38:16.3:0.4, 10°72N:126°54E, h35km, mb4.0/2, Error ellipse: s-maj=24.9km s-min=2.2km az=71.0

ISC 02:01:38:16.2:0.6, 10°85N:126°59E:0.09, h37km, n29, o1514/32, mb3.9/13, Philippine Islands region

Main table of station data for the Philippine Islands section, including stations like CALA, ROSA, PCAN, PICO, etc.

Table of station data for the Guinea region section, including stations like SAML, PMG, WRA, ASAR, FITZ, TORD, etc.

NIED 02:02:14:00:36:60N, 141°30E, h38km, Mw3.8, Best double couple: M=30000-1014, NP1=232.00000, R=85.00000, lambda=78.00000, NP2=37.00000, R=85.00000, lambda=99.00000

JMA 02:02:14:49.9:0.1, 36°62N:141°32E, h46km, 2km, M3.7, JMA Felt J1

ISC 02:02:14:51.1:3.0, 36°55N:141°44E, h58km, 26km, mb3.6/11, mb1 3.8/14, mb1mx3.5/7.5, mbtmp3.9/14, ML3.9/3, MS2.9/3, Ms1 2.9/3, ms1mx2.5/6.9, Error ellipse: s-maj=24.5km s-min=11.1km az=61.0

ISC 02:02:14:47.1:0.9, 36°59N:141°37E:0.08, h20km, 6km, n37, o192/36, mb4.0/11, Near east coast of eastern Honshu

Main table of station data for the Honshu section, including stations like JHO, JHYU, JKT, MJAR, etc.

USRK Ussuriysk Ar. 10.44 320 P 0.5m, 0.3s, baz=133, slow=14, SNR=10

KRSR Korea 10.79 279 LR 4.7m, 20.6s, baz=166, slow=34

H112 WAKE ISLAND Hy 27.95 120 T 3.8m, 0.3s, baz=75, SNR=52

H111 WAKE ISLAND Hy 27.95 120 T 3.8m, 0.3s, baz=75, SNR=52

H113 WAKE ISLAND Hy 27.97 120 T 3.8m, 0.3s, baz=75, SNR=52

SONM Songoing Array 28.01 305 P 2.9m, 0.5s, baz=100, slow=7.7, SNR=11

H115 WAKE ISLAND Hy 28.65 122 T 3.8m, 0.3s, baz=75, SNR=52

H113 WAKE ISLAND Hy 28.65 122 T 3.8m, 0.3s, baz=75, SNR=52

H112 WAKE ISLAND Hy 28.66 122 T 3.8m, 0.3s, baz=75, SNR=52

JAY Jayapura 38.91 181 LR 4.2m, 25.9m, 18.8s, baz=348, slow=94

ZALV Zalesovo Beam 42.19 313 P 1.5m, 0.5s, baz=89, slow=6.5, SNR=5.9

MKAR Makanchi Array 44.33 302 P 0.8m, 0.7s, baz=88, slow=6.5, SNR=5.3

KURB Kurchatov Arra 46.25 308 P 1.5m, 0.5s, baz=82, slow=7.3, SNR=18

ILAR Eielson Array 49.89 32 P 0.5m, 0.7s, baz=270, slow=6.7, SNR=6.6

WRA Warrunganga Arr 56.62 188 P 1.0m, 0.6s, baz=56, slow=7.5, SNR=17

ASAR Alice Springs 60.34 188 P 0.8m, 0.9s, baz=13, slow=5.6, SNR=4.9

FINES FINESS Array B 69.19 332 P 1.6m, 0.5s, baz=52, slow=0.9, SNR=3.5

NBNS NORSTAR Subarra 74.58 337 P comp=2.1, 5m, 0.8s, baz=37, slow=6.2

NOA NORSTAR Array B 74.58 337 P comp=2.9, 9m, 0.7s, baz=33, slow=5.9, SNR=4.0

AKASG Malin Array B 74.63 322 P comp=2.0, 5m, 0.4s, baz=45, slow=5.6, SNR=4.1

GERES GERESS Array B 83.07 328 P comp=2.0, 4m, 0.5s, baz=31, slow=5.9, SNR=3.4

LPAZ La Paz 146.95 60 PKPbc PKPbc comp=2.0, 5m, 0.5s, baz=31.5, slow=2.9, SNR=3.9

ISC 02:02:15:31.5:1.6, 11°01N:126°94E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.6/6.7, mbtmp3.9/9, Error ellipse: s-maj=127.3km s-min=16.5km az=72.0

ISCJB 02:02:15:36.0:0.8, 10°94N:126°01:126.61E:0.09, h37km, mb3.9/9, Error ellipse: s-maj=12.9km s-min=6.7km az=176.2

MAN 02:02:15:39.5, 10°87N:126°05E, h20km, mb4.8, ML3.7, MS3.6

ISC 02:02:15:38.4:1.1, 10°95N:126°06:126.5E:0.1, h37km, n14, o1571/17, mb3.9/9, Philippine Islands region

Main table of station data for the Philippine Islands section, including stations like BESP, MSLP, BUTP, CBNP, etc.

ISCJB 02:02:25:0.5:0.6, 37°94N:103°37:94E:0.05, h13km, 8km, Error ellipse: s-maj=6.5km s-min=5.8km az=176.6

DDA 02:02:25:2.1, 37°94N:103°38:16E, h7km, ML2.5

ISK 02:02:25:2.1, 37°94N:103°38:16E, h6km, ML1.6/4

ISC 02:02:25:24.7:1.3, 37°94N:103°38:04E:0.04, h6km, 13km

KUR	comp=N,94nm,0.3s	MLR	MLR						
INU	comp=Z,177nm,10.0s								
JHU2	Inuyama	6.71 234	ePn	Pn	03 44 23.1 +0.3				
JHU	Mitsune	7.10 207	ePn	Pn	03 44 28.3 +0.2				
JHH	Hachiojima 2	7.11 207	Pn	Pn	03 44 27.2 -1.0				
JHJ	comp=Z,14nm,0.3s,baz=330,slow=20,SNR=7.5								
JHJ			Sn	Sn	03 45 42.3 -6.6				
JHJ	comp=Z,33nm,0.3s,baz=44,slow=23,SNR=8.2								
JHJ			LR	LR	03 47 01.5				
YSS	Yuzh-Sakhalins	7.46 355	ePn	Pn	03 44 32.7 -0.2				
YSS	Yuzh-Sakhalins	7.46 355	eP	Pn	03 44 33.0 +0.1				
YSS			eS	Sn	03 45 54.7 -2.7				
YSS	comp=Z,20nm,0.7s								
YSS			pmax	pmax					
YSS	comp=E,20nm,0.7s								
YSS			smax	smax					
YSS	comp=Z,500nm,16.0s								
YSS			MLR	MLR					
YSS	comp=N,800nm,15.0s								
TEY	Ternei	7.58 319	iP	Pn	03 44 36.5 +1.8				
TEY			iP	pmax					
TEY	comp=Z,50nm,0.9s								
TEY			pmax	pmax					
TEY	comp=N,40nm,0.8s								
TEY			pmax	pmax					
TEY	comp=E,50nm,0.8s								
TEY			pmax	pmax					
USRK	Ussuriysk Ar.	9.86 302	Pn	Pn	03 45 04.9 -1.1				
USRK	comp=E,1.3nm,0.3s,baz=113,slow=14,SNR=30								
USRK			LR	LR	03 48 41.5				
YXV	Tymovskoe	11.36 357	eP	Pn	03 45 24.3 -2.1				
YXV			e	Pn	03 47 28.2				
YXV			e	Pn					
YXV	comp=Z,9.0nm,1.3s								
MDJ	Mudanjiang	11.61 301	P	Pn	03 45 28.1 -1.7				
MDJ			pP	Pn	03 45 31.8				
MDJ			sP	Pn	03 45 34.9				
MDJ			S	Sn	03 47 39.3 -0.1				
MDJ			S	pmax					
MDJ	comp=Z,21nm,1.0s								
MDJ			pmax	pmax					
MDJ	comp=Z,180nm,5.6s								
MDJ			LR	LR					
MDJ	comp=Z,700nm,12.6s								
MDJ			LR	LR					
MDJ	comp=Z,1µm,13.2s								
MDJ			LR	LR					
MDJ	comp=Z,1µm,14.6s								
MDJ	Mudanjiang	11.61 301	ePn	Pn	03 45 30.9 +1.1				
JNU	Nakatsue	12.11 242	Pn	Pn	03 45 35.7 -1.0				
JNU	comp=Z,0.5nm,0.3s,baz=79,slow=3.1,SNR=4.9								
JNU			LR	LR	03 50 33.1				
CBIJ	Chichijima	12.45 186	Pn	Pn	03 45 38.1 -3.4				
CBIJ			Sn	Sn	03 47 47.5 -1.3				
JCJ	Chichijima	12.45 186	Pn	Pn	03 45 38.1 -3.4				
JCJ	baz=288,slow=20								
JCJ			Sn	Sn	03 47 47.5 -1.3				
KSRs	Korea Array	12.49 265	Pn	Pn	03 45 42.0 +0.2				
KSRs	comp=Z,522nm,18.5s,baz=94,slow=36								
KSRs			LR	LR	03 50 08.7				
KS01	Wonju Array Si	12.51 266	ePn	Pn	03 45 43.1 +1.0				
KSAR	Wonju Array Be	12.52 265	P	Pn	03 45 42.0 -0.2				
KSAR	Wonju Array Be	12.52 265	P	Pn	03 45 42.1 -0.2				
KLAR	Kul'dur	12.89 323	Pn	Pn	03 45 46.0 -1.3				
KLAR	comp=Z,0.0nm,0.3s,baz=134,slow=13,SNR=14								
KLAR			LR	LR	03 50 51.9				
KLR	comp=Z,45nm,19.8s,baz=126,slow=38								
KLR			iP	Pn	03 45 47.2 -0.1				
TJN	Taejon	12.89 323	iP	Pn	03 45 53.1 +1.2				
PETK	Petropavlovsk-	16.66 31	Pn	Pn	03 46 37.6 +0.1				
PETK	comp=Z,0.1nm,0.3s,baz=328,slow=5.1,SNR=3.6								
PETK			LR	LR	03 54 16.4				
PETK	comp=Z,115nm,18.5s,baz=215,slow=42								
PETK	Petropavlovsk	16.96 32	eP	P	03 46 46.1 +2.6				
PETK			pmax	pmax					
ZEa	Zeya	18.07 327	eP	Pn	03 46 51.0 -4.1				
ZEa			pmax	pmax					
ZEa	comp=N,31nm,0.8s								
ZEa			pmax	pmax					
ZEa	comp=Z,41nm,0.8s								
ZEa			MLR	MLR					
ZEa	comp=N,400nm,14.0s								
ZEa			MLR	MLR					
HIA	Hailar	19.59 308	eP	P	03 47 09.7 -2.5				
HIA	comp=Z,13nm,0.4s								
HIA			pmax	pmax	03 47 10.1 -2.1				
MA2	Magadan	20.57 10	P	P	03 47 23.9 +1.1				
MA2	comp=Z,16nm,0.8s,baz=206,slow=10,SNR=8.7								
MA2			LR	LR	03 56 33.8				
MA2	comp=Z,116nm,18.1s,baz=173,slow=40								
MA2			eP	P	03 47 22.8 -0.1				
MA2	Magadan	20.57 10	iP	Pn	03 47 24.6 -0.5				
MA2			iAP	sP	03 47 33.9 +6.5				
TIA	Tai'an	21.16 269	P	P	03 47 27.2 -2.2				
TIA			S	S	03 51 18.3 -6.4				
TIA			pmax	pmax					
TIA	comp=Z,42nm,0.8s								
TIA			LR	LR					
TIA	comp=Z,380nm,13.4s								
TIA			LR	LR					
TIA	comp=Z,710nm,14.3s								
TIA			LR	LR					
NJ2	Nanjing	21.40 257	eP	P	03 47 34.0 +2.0				
NJ2	comp=Z,10.0nm,0.5s								
SEY	Seymchan	24.03 10	P	P	03 47 59.9 +1.1				
SEY	comp=Z,18nm,1.0s,baz=195,slow=7.9,SNR=20								
SEY			iP	S	03 48 00.0 +1.1				
SEY	Seymchan	24.03 10	iP	S	03 48 09.7 +6.1				
SEY			iP	S	03 48 28.8				
YAK	Yakutsk	24.10 344	eP	P	03 47 58.1 -1.4				
YAK			ePPP	PPP	03 48 04.0 -0.2				
YAK			e	S	03 48 36.8				
YAK			eS	S	03 51 39.3				
YAK			eSS	S	03 52 15.2 -1.5				
YAK			eSSS	S	03 52 24.9 +2.7				
YAK			eSSS	S	03 53 10.3				
YAK			eSSS	S	03 59 03.2				
YAK	comp=Z,20nm,0.9s								
YAK			pmax	pmax					
YAK	comp=N,9.0nm,0.9s								
YAK			pmax	pmax					
YAK	comp=E,5.0nm,1.0s								
YAK			smax	smax					
YAK	comp=N,19nm,1.5s								
YAK			smax	smax					
YAK	comp=E,23nm,1.4s								
YAK			MLR	MLR					
YAK	comp=Z,158nm,14.0s								
YAK			MLR	MLR					
YAK	comp=N,155nm,13.0s								
YAK			MLR	MLR					
YAK	comp=E,36nm,13.0s								
HHC	Hu-ho-hao-te	24.47 283	eP	P	03 48 03.2 -0.2				
HHC			S	S	03 52 18.9 -4.5				
HHC			SS	SnSn	03 53 14.4 +7.1				
HHC			pmax	pmax					
HHC	comp=E,27nm,1.0s								
HHC			pmax	pmax					
HHC	comp=E,70nm,4.6s								
HHC			LR	LR					
HHC	comp=E,140nm,10.1s								
HHC			LR	LR					
HHC	comp=E,670nm,15.1s								
HHC			LR	LR					
HHC	comp=E,830nm,14.4s								
SSLB	Suanguang	24.78 237	eP	P	03 48 04.5 -1.6				
YULB	Yu-ji	24.83 236	eP	P	03 48 06.3 -0.4				
YULB	comp=Z,11nm,0.8s								
TPUB	Ta-pu	25.33 237	eP	P	03 48 09.2 -1.9				

WHN	comp=E,26nm,1.1s								
WHN	Wuhan	25.51 259	iP	P	03 48 12.5 -0.2				
WHN			S	S	03 52 38.3 -1.7				
WHN	comp=E,130nm,0.8s								
WHN			pmax	pmax					
WHN	comp=E,550nm,14.0s								
WHN			LR	LR					
WHN	comp=E,630nm,12.8s								
WHN			LR	LR					
WHN	comp=E,820nm,18.8s								
WHN			LR	LR					
BOD	Guam	25.86 177	LR	LR	03 57 10.9				
BOD	comp=Z,27nm,1.2s								
BOD	Bodaibo	26.46 324	e	P	03 48 20.4 -0.7				
BOD			e	P	03 48 28.9				
BOD			e	P					
BOD	comp=Z,28nm,1.0s								
BOD	Ulaanbaatar	27.52 300	eP	P	03 48 31.0 0.0				
BOD	comp=Z,27nm,1.2s								
BOD	Ulaanbaatar	27.52 300	iP	P	03 48 30.3 -0.6				
BOD			pmax	pmax					
BOD	comp=Z,19nm,1.1s								
BOD	Songino Array	27.96 300	eP	P	03 48 35.0 +0.2				
BOD			P	P	03 48 35.1 +0.3				
BOD	comp=Z,8.3nm,0.8s,baz=96,slow=9.0,SNR=39								
BOD			LR	LR	04 00 15.1				
H11N2	WAKE ISLAND Hy 28.12 128	T	T	T	04 19 31.6				
H11N1	WAKE ISLAND Hy 28.12 128	T	T	T	04 19 33.3				
H11N3	WAKE ISLAND Hy 28.12 128	T	T	T	04 19 33.3				
H11N3	baz=322,slow=75								
H11N3	baz=322,slow=75								
XAN	Xi'an	28.23 270	P	P	03 48 35.9 -1.3				
XAN			pP	sP	03 48 41.3 -0.6				
XAN			sP	sP	03 48 44.6 +4.1				
XAN			S	S	03 53 08.8 -1.4				
XAN	comp=Z,4.0nm,0.6s								
XAN			pmax	pmax					
XAN	comp=Z,60nm,3.2s								

Table with columns: Kiv, comp-Z, MLR, MLR, KHZ, GERE, GERE, WET, WET, GRFO, GRFO, MMAI, VTS, VTS, PMOR, PDG, PPT, PPT2, DAVOX, DAVOX, TXAR, TBI, TBI, ESCD, ESCD, etc. Includes station names like Khabaz, Neytrino, Stephens Creek, etc.

Table with columns: KHC, MLR, MLR, TWG, Pinlang, etc. Includes station names like GERE, WET, GRFO, MMAI, VTS, PMOR, PDG, PPT, DAVOX, TXAR, TBI, ESCD, etc. Includes coordinates and other data.

Table with columns: TWG, Pinlang, etc. Includes station names like MASB, WLCH, TWP, SSD, CHKT, SGLT, FULB, FULB, SLGT, SLGT, ELDTW, STYT, SGST, SGST, TWF1, YULI, YULI, CHN1, WTP, WTP, TPUB, TPUB, HGSD, HGSD, EHW, EHW, THY, THY, BBP, YUS, ALS, ALS, SCLT, SCLT, EGFH, EGFH, CHN, CHN, CHY, CHY, CHN2, CHN2, ESL, ESL, SSSLB, SSSLB, WKG, WKG, WDLH, WDLH, ENLB, ENLB, WJS, WJS, WSF, WSF, TYC, TYC, TYC, TYC, HWA, HWA, WNT, WNT, WDG, WDG, WDG, WDG, TWL, TWL, RLNB, RLNB, WHF, WHF, WHF, WHF, NACB, NACB, NACB, NACB, VCHM, VCHM, TCU, TCU, TCU, TCU, TDCB, TDCB, PHUB, PHUB, PNG, PNG, PNG, PNG, TWQ1, TWQ1, NNS, NNS, ENA, ENA, NANB, NANB, NSY, NSY, PTBS, PTBS, EOSI, EOSI, TWC, TWC, ENTT, ENTT, NSTT, NSTT, YHNB, YHNB, YHNB, YHNB, LIOB, LIOB, NSK, NSK, TWE, TWE, SLBB, SLBB, NWLT, NWLT, JYNG, JYNG, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like YJNG, YOJ, YOY, etc.

MEX 02 04:18:29.6±0.3, 16°13'N-98°35'W, h3km±4km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like PNIG, TLIG, VHO, etc.

NIED 02 04:33:00.36±50N, 140°70'E, h56km, Mw4.0. Best double couple: Mo=1.03000±0.1015, NP1=195.00000°, δ25.00000°, λ93.00000°...

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like JMA, JMA, JMA, etc.

NIED 02 05:06:00.23±40N, 145°90'E, h23km, Mw4.8. Best double couple: Mo=1.63000±0.1015, NP1=195.00000°, δ48.00000°, λ-43.00000°...

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BESE, BESP, BUTP, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ANA2, ANA2, ANA2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, INK Inuvik, ILAR Eielson Array, etc.

MEX 02 05:50:00.1.0.6, 157.71N-93.77W, h92km, 6km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG Warramunga Arr, TGIG Comitan, HUIG Huatulco, etc.

IDC 02 05:52:08.8.1.5, 10.60N:127.83E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/63, mbtmp3.8/7, Error ellipse: s-maj=111.8km s-min=17.9km az=70.0

ISCJB 02 05:52:11.6.1.9, 10.6N:0.3:127.8E:0.9, h33km, mb3.8/7, Error ellipse: s-maj=132.2km s-min=15.3km az=161.3

ISC 02 05:52:13.8.1.5, 10.51N:0.2:128.0E:0.7, h35km, mb, <0.84/8, mb4.0/7, Philippine Islands region

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

NNC 02 06:16:09.5.4.2, 37.13N:70.57E, h0km, mb4.0, mpv3.6, 4C-3D, Error ellipse: s-maj=33.0km s-min=28.0km az=174.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, MNAS Manas, KK31 Karatay Array, etc.

DJA 02 06:25:35.5.0.7, 1.5:3.121E, h17km, 7km, M3.7/10, MLV3.7/10, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APSI Ampana, PCI Palu, MFSI Mapaga, etc.

IDC 02 06:28:54.2.1.5, 10.79N:126.97E, h0km, mb3.8/9, mb1 3.8/9, mb1mx3.6/60, mbtmp3.8/9, Error ellipse: s-maj=147.4km s-min=16.0km az=68.0

ISCJB 02 06:28:57.0.7.1, 10.79N:0.1:126.7E:0.2, h33km, mb3.9/10, Error ellipse: s-maj=30.2km s-min=7.8km az=137.7

MAN 02 06:28:58.2.1.0, h86N, 126.59E, mb5.0, ML3.9, MS4.0

ISC 02 06:28:59.6.0.9, 10.77N:0.2:126.7E:0.2, h35km, n12, <0.98/14, mb4.0/10, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BESP Borongan, CNP Catarman, WRA Warramunga Arr, etc.

ISK 02 06:34:32.3.35.90N:26.97E, h6km, ML3.0/6, ATH 02 06:34:33.0.35.85N:27.02E, h30km, 2km, ML3.0/5, Error ellipse: s-maj=2.6km s-min=1.0km az=137.0

ISCJB 02 06:34:34.4.0.4, 35.85N:0.02:27.02E:0.03, h23km, 4km, Error ellipse: s-maj=4.8km s-min=2.9km az=141.0

THE 02 06:34:34.4.35.87N:27.03E, h11km, 2km, ML2.9/9, Error ellipse: s-maj=2.2km s-min=0.8km az=112.0

DDA 02 06:35:35.5.36.33N:27.54E, h12km, ML2.7

ISC 02 06:34:33.7.1.0, 35.89N:0.02:27.01E:0.02, h13km, 8km, n6.0, <1.06/9.1, Dodecanese Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KARP Karpathos, NIS1 Nisyros Isl, DAT Data, etc.

IDC 02 06:40:55.8.0.5, 12.42N:144.09E, h0km, mb4.3/24, mb1 4.4/25, mb1mx4.2/64, mbtmp4.2/64, ML3.5/1, MS3.7/30, Ms1 3.7/30, ms1mx3.5/60, Error ellipse: s-maj=17.5km s-min=11.6km az=101.0

MOS 02 06:40:59.2.0.8, 12.39N:143.97E, h34km, mb4.7/18, Error ellipse: s-maj=12.9km s-min=7.4km az=112.7

BJI 02 06:40:59.6.12.16N:144.23E, h50km, mb4.7/26, mb4.9/14, Ms4.5/10, Ms7.4/4.7

ISCJB 02 06:41:00.1.0.9, 12.36N:0.04:143.95E:0.05, h39km, 8km, Error ellipse: s-maj=7.9km s-min=6.5km az=13.7

NEIC 02 06:41:02.5.0.8, 12.37N:144.02E, h48km, 7km, mb4.8/35, Error ellipse: s-maj=7.1km s-min=5.1km az=109.0

ISC 02 06:41:02.4.1.2, 12.38N:0.06:144.08E:0.08, h48km, 11km, n154, <1.06/145, mb4.6/77, MS3.8/33, 3C, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO Guam, GUMU Guam, ANA2 Anatahan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JNU Nakatsubo, MJAR Matsushiro Arr, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BVAR Borovoye Array, KOWA Kowa, MDT Midelt, etc.

Table with columns: MSLP, Station Name, Az, Phase, ID, Time, Res. Includes stations like BORONGAN Borongan, MUSAN Musan, CATAMARAN Davao City (W), etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like XAN, CD2, WRA, PATS, MBWA, LZH, etc.

ADC 02 07:32:08.0, 0.4, 10.26Nk, 126.35E, h0km, mb4.5/30, mb1.4/32, mb1mx4.4/61, mbtmp4.4/32, ML3.5/2, MS4.0/23, MS1.4/0.23, ms1mx3.7/62, PKR ellipse: s-maj=18.9km, s-min=9.7km, az=78.0

MAN 02 07:32:08.7, 10.34N, 126.64E, h1km, mb5.5, ML4.5, MS4.8, ISC/B 02 07:32:13.0, 0.6, 10.29N, 126.52E, 0.04, h49km, 5km, mb4.6/97, MS4.0/27, Error ellipse: s-maj=6.7km, s-min=4.5km, az=169.3

MOS 02 07:32:12.0, 0.1, 10.24N, 126.39E, h39km, mb4.9/30, Error ellipse: s-maj=11.0km, s-min=6.0km, az=121.4, NEIC 02 07:32:13.3, 0.2, 10.30N, 126.52E, h35km, mb4.7/34, Error ellipse: s-maj=5.3km, s-min=3.9km, az=94.0, BUJ 02 07:32:14.8, 10.29N, 126.38E, h59km, mb4.7/44, mb4.9/31, MS4.3/30, MS7.4/30

Code Station Name Az AzZ Phase ID Time Res. Includes stations like BUTP Butuan, MSLP Maasin, etc.

MKZ Mys Kozlova 6.40 28 P Pn 08 06 06.8 +4.9

ISCJB 02 08:13:26.9.0.2, 19:133.0:04:169:22E:0:05, h150km, mb4.5/52, Error ellipse: s-maj=7.1km s-min=5.7km az=30.4

ICC 02 08:13:29.0.0.7, 19:233:169:23E, h166km, 6km, mb4.0/19, mb1 4.1/20, mb1mx3.9/46, mbtmp4.4/20, Error ellipse: s-maj=13.1km s-min=10.0km az=130.0

NEIC 02 08:13:21.2.1.6, 19:183:169:22E, h181km, 14km, mb4.6/40, Error ellipse: s-maj=9.4km s-min=7.1km az=212.0

ISC 02 08:13:27.0.5.19, 181S:0:07:169:34E:0:08, h150km, n82, r1540/91, mb4.5/52, 1C, Vanuatu Islands

MAN 02 08:11:25.4, 10.79N, 126.77E, h41km, ISC 02 08:11:26.8.0.5, 10.86N:0.06:126:78E:0:07, h35km, n86, r1518/82, mb4.5/43, MS3.6/5, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Borongan, Maasin, Ormoc, Butuan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like DZM, DZM, Ouz, AIMS, HIZ, URZ, URZ, URZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like B08A, 319A, C09A, ANMO, PDAR, TXAR, WMQ, WMQ, WMQ, etc.

MAN 02 08:16:18.9, 10.39N:126:74E, h33km, mb4.7, ML3.6, MS3.5, Philippine Islands region

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

ICC 02 08:16:24.6:1.0, 2:31S:128:03E, h0km, mb3.8/4, mb1 4.1/7, mb1mx3.7/57, mbtmp3.9/7, ML4.1/3, MS3.5/2, Ms1 3.5/2, ms1mx2.0/54, Error ellipse: s-maj=37.6km

ISCJB 02 08:16:27.0.3:2.36S:0:04:128:11E:0:03, h32km, mb4.7/13, MS3.4/2, Error ellipse: s-maj=5.2km s-min=4.8km az=11.0

NEIC 02 08:16:29.0.3:2.61S:0:127:43E, h35km, mb4.3/8, Error ellipse: s-maj=9.5km s-min=6.1km az=56.0

DJA 02 08:16:29.0.9:2.12S:12:08E, h22km, 8km, ML4.3/10, mb4.7/5, mb5.2/3, MLv4.0/10, Mw(mB)4.6/3

ISC 02 08:16:28.3:0.5, 2:33S:0:03:128:05E:0:04, h32km, n42, r629/45, mb4.6/13, Ceram Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like NLAJ, NLAJ, AAI, AAI, LBMI, LBMI, SANI, SANI, etc.

2d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ILIN, TBLG, SEAG, EATA, etc.

2012 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG, AKKB, AKAB, etc.

98

Table with columns for station name, frequency, power, and other technical details. Includes stations like MKAR, MK01, KEST, etc.

MAN 02 08:51:44.9, 10:39N:126.72E, h16km, mb4.7, ML3.6, MS3.5, Philippine Islands region

Table with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual. Includes stations like BESP, BUTP, MSLP, etc.

TEH 02 09:03:16.4, 38.42N:46.76E, h11km, ML3.4
AZER 02 09:03:16.4, 40.1.38.45N:46.86E, h10km, ml3.6/20, Error ellipsoid: sigma=2.1km s-min=0.9km az=21.0

THR 02 09:03:16.7, 0.3.38.45N:46.74E, h14km, 5km, ML3.5
ISC 02 09:03:16.6, 1.1.38.44N:0.03:46.74E, 0.02, h5km, 11km, n38, i136/57, 15C-14D, Iran-Armenia-Azerbaijan border region

Table with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual. Includes stations like IHRS, IHRS, IHRS, etc.

ITBZ	comp=Z,39m,0.2s	IAML	09 03 35.1		
ITBZ	comp=N,14m,0.2s	IAML	09 03 35.5		
IBST	comp=E,48m,0.2s	IAML	09 03 29.6	-1.3	Pg
IBST	comp=N,18m,0.4s	IAML	09 03 42.2		
IBST	comp=Z,26m,0.6s	IAML	09 03 43.1		
IBST	comp=E,24m,0.4s	IAML	09 03 43.2		
ORD	0.76 310	Op	09 03 31.3	+0.1	Pg
ORD	0.76 310	Sb	09 03 31.5	+1.4	Pg
IMRD	0.86 289	Op	09 03 33.0	0.0	Pg
IMRD	0.86 289	IAML	09 03 48.5		
IMRD	comp=E,61m,0.2s	IAML	09 03 49.3		
IMRD	comp=N,65m,0.2s	IAML	09 03 51.5		
IMRD	comp=Z,48m,0.3s	IAML	09 03 51.5		
ISHB	0.90 260	Op	09 03 34.0	+0.2	Pg
ISHB	0.90 260	IAML	09 03 48.7		
ISHB	comp=N,56m,0.3s	IAML	09 03 48.8		
ISHB	comp=Z,35m,0.2s	IAML	09 03 49.1		
ISRB	0.95 130	Op	09 03 33.9	-1.0	Pg
ISRB	0.95 130	IAML	09 03 49.0		
ISRB	comp=E,24m,0.4s	IAML	09 03 50.5		
ISRB	comp=N,19m,0.2s	IAML	09 03 50.9		
IAZR	0.97 219	Op	09 03 35.1	-0.1	Pg
IAZR	0.97 219	IAML	09 03 51.3		
IAZR	comp=Z,19m,0.3s	IAML	09 03 51.4		
IAZR	comp=E,62m,0.4s	IAML	09 03 54.9		
IAZR	comp=N,58m,0.3s	IAML	09 03 54.9		
GRMI	0.97 68	Op	09 03 35.0	-0.3	Pg
GRMI	0.97 68	IAML	09 03 49.6		
GRMI	comp=E,2m,0.3s	IAML	09 03 50.0		
GRMI	comp=N,11m,0.3s	IAML	09 03 50.0		
GRMI	0.97 68	Op	09 03 35.0	-0.3	Pg
NAX	1.22 307	Op	09 03 39.6	-0.6	Pg
NAX	1.22 307	IAML	09 03 39.6	-0.6	Pg
NAX	SNR=83				
NAX	1.27 80	Op	09 03 56.7	-0.6	Pg
NAX	1.27 80	IAML	09 03 41.0	+0.1	Pg
NAX	SNR=27				
LRK	0.33 59.1	Op	09 03 59.1	+0.5	Pg
SBZ	1.33 316	Op	09 03 41.5	-0.6	Pg
SBZ	1.33 316	IAML	09 04 00.6	+1.2	Pg
GLBA	1.52 58	Op	09 03 45.1	-0.6	Pg
GLBA	SNR=37				
GLBA	0.04 08.2	Op	09 03 46.9	-0.5	Pg
ASTR	1.61 85	Op	09 04 09.5	+1.1	Pg
ASTR	SNR=26				
ASTR	1.62 80	Op	09 03 48.2	+0.7	Pg
ASTR	SNR=7.4				
MAKU	1.85 300	Op	09 03 50.0	-0.9	Pg
MAKU	1.85 300	IAML	09 04 15.0	-0.9	Pg
MAKU	comp=E,326m,0.4s	IAML	09 04 15.7		
MAKU	comp=N,458m,0.4s	IAML	09 04 16.1		
MAKU	1.85 300	Op	09 03 50.0	-0.9	Pg
BRDA	1.85 10	Op	09 03 50.4	-0.4	Pg
BRDA	SNR=5.8				
BRDA	0.04 17.5	Op	09 03 50.4	-0.4	Pg
HYR	1.95 312	Op	09 03 52.4	-0.2	Pg
HYR	1.95 312	IAML	09 04 19.0	-0.1	Pg
ZRD	1.98 21	Op	09 03 52.6	-0.4	Pg
ZRD	SNR=17				
ZRD	0.04 19.9	Op	09 04 19.9	-0.1	Pg
GANJ	2.23 352	Op	09 03 56.4	-0.9	Pg
GANJ	SNR=35				
GANJ	0.04 25.4	Op	09 04 25.4	+0.2	Pg
ZNJK	2.35 138	Op	09 03 57.1	+1.1	Pg
ZNJK	2.35 138	IAML	09 03 57.1	+1.1	Pg
GDB	2.40 342	Op	09 03 58.7	-1.6	Pg
GDB	2.40 342	IAML	09 04 30.8	+0.5	Pg
IML	2.60 25	Op	09 04 01.2	-2.4	Pg
IML	SNR=6.4				
GBS	2.70 38	Op	09 04 03.5	-1.9	Pg
GBS	SNR=5.2				
PQL	2.75 31	Op	09 04 04.0	-2.3	Pg
PQL	SNR=4				
SEKA	2.79 7	Op	09 04 03.1	+1.2	Pg
SEKA	SNR=6.6				
SEKA	0.04 40.0	Op	09 04 40.0	-1.4	Pg
OZX	2.82 338	Op	09 04 05.6	-1.9	Pg
OZX	SNR=12				
OZX	0.04 43.1	Op	09 04 43.1	+0.9	Pg
XNQ	2.93 21	Op	09 04 05.8	+1.8	Pg
XNQ	SNR=6.9				
XNQ	0.04 45.6	Op	09 04 45.6	-0.1	Pg
DDFL	3.04 351	Op	09 04 13.4	-1.4	Pg
DDFL	3.04 351	IAML	09 04 57.9	+3.7	Pg
SIZA	3.11 32	Op	09 04 10.5	-2.0	Pg
DGRG	3.19 341	Op	09 04 13.4	-0.3	Pg
DGRG	3.19 341	IAML	09 04 58.3	-0.5	Pg
QUBA	3.21 24	Op	09 04 11.7	-2.3	Pg
QUBA	SNR=3.6				
TBLG	3.63 336	Op	09 04 23.0	+1.9	Pg
TBLG	3.63 336	IAML	09 05 10.5	-2.6	Pg
TBLG	3.70 328	Op	09 04 23.8	+1.3	Pg
TBLG	3.70 328	IAML	09 05 13.0	-2.4	Pg
BGD	3.71 320	Op	09 04 33.3	+5.6	Pg
BGD	3.71 320	IAML	09 04 58.9	-0.1	Pg

ISCJB 02 09:15:58.7-0.7, 37.88N-0.03:39.11E:0.05, h17km, 6km, Error ellipse: s-maj=7.3km s-min=4.8km az=19.8
 ISK 02 09:15:58.2, 37.89N, 39.09E, h10km, ML2/3
 DDA 02 09:16:00.4, 37.91N, 39.07E, h7km, ML2/6
 ISC 02 09:15:59.0, 1.2, 37.88N-0.03:39.06E:0.03, h4km, 11km, n13, -0.89/21, Turkey

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
URFA	Urfa	0.48 204	Op	09 16 08.3	+0.1
URFA	URFA	0.53 21	Op	09 16 15.6	+1.2
SVRC	Sivrice-ELAZID	0.53 21	Op	09 16 08.6	-0.7
SVRC	SVRC	0.99 167	Op	09 16 16.7	+0.5
SANL	SANLIURFA_Merk	0.71 185	Op	09 16 12.0	-0.6
SANL	SANL	0.84 87	Op	09 16 26.7	-0.6
DIYA	Diyarbakir	0.84 87	Op	09 16 17.2	-0.4
DIYA	DIYA	0.99 295	Op	09 16 21.6	+1.1
AKCD	Akcadag	0.99 295	Op	09 16 18.2	-0.1
AKCD	AKCD	1.04 14	Op	09 16 34.2	-0.1
PTK	Pertek	1.04 14	Op	09 16 18.6	-0.4
SURC	SANLIURFA_SURC	1.06 200	Op	09 16 19.4	+0.1
SURC	SURC	1.18 111	Op	09 16 36.3	+0.3
MIAZI	Mazidag	1.18 111	Op	09 16 19.0	-0.6
TNCL	Tuncel-Merkez	1.29 17	Op	09 16 24.3	+0.4
TNCL	TNCL	1.42 299	Op	09 16 43.9	+2.2
DARE	Darende-Malaty	1.42 299	Op	09 16 24.7	-1.0
ELBS	KAHRAMANMARAS1	1.71 80	Op	09 16 27.2	-0.8
ELBS	ELBS	1.71 80	Op	09 16 50.8	+0.8
SVAN	Silvan-Diyarba	1.71 80	Op	09 16 28.9	-1.1
KMRS	Kahramanmaras	1.76 258	Op	09 16 29.9	-0.4

ISC 02 09:37:29.2-0.2, 20.05S-177.87W, h541km, 24km, mb3.4/12, mb1 3.7/14, mb1mx3.3/5.1, mbtmp4.4/14, Error ellipse: s-maj=24.4km s-min=12.0km az=153.0
 ISC 02 09:37:29.2-0.7, 20.1S:0.2:178.0W:0.1, h569km, mb3.9/12, Error ellipse: s-maj=23.5km s-min=13.1km az=147.6
 ISC 02 09:37:30.1-0.8, 20.1S:0.2:177.9W:0.1, h569km, n20, -0.67/18, mb3.8/12, C, Fiji Islands region

URZ	Urewera	18.58 192	Op	09 41 11.2	-0.9
URZ	URZ	4.6m, 0.3s, baz=294, slow=3.5, SNR=28			
CTA	Charters Tower	33.60 264	Op	09 43 24.8	+0.5
CTA	CTA	1.1m, 0.4s, baz=88, slow=1.1, SNR=48			
STKA	Stephens Creek	38.02 244	Op	09 44 01.3	+0.7
STKA	STKA	1.4m, 0.3s, baz=75, slow=1.1, SNR=14			
JAY	Jayapura	44.00 288	Op	09 44 48.5	+0.3
JAY	JAY	7.3m, 0.5s, baz=139, slow=5.3, SNR=14			
ASAR	Alice Springs	44.66 238	Op	09 44 53.4	0.0
ASAR	ASAR	5.1m, 0.7s, baz=87, slow=7.8, SNR=84			
WRA	Warramunga Arr	44.73 262	Op	09 44 53.3	-0.4
WRA	WRA	4.6m, 0.4s, baz=97, slow=7.3, SNR=168			
FITZ	Fitzroy Crossi	53.15 262	Op	09 45 55.9	0.0
FITZ	FITZ	0.9m, 0.3s, baz=56, slow=6.5, SNR=20			
MJAR	Matsushiro Arr	69.95 324	Op	09 47 44.4	-0.5
MJAR	MJAR	0.9m, 0.5s, baz=165, slow=6.0, SNR=12			
YBH	Yreka Blue Hor	79.95 39	Op	09 48 41.0	+0.3
YBH	YBH	1.6m, 0.6s, baz=132, slow=7.9, SNR=5.1			
MVAR	Mina Array Bea	80.70 43	Op	09 48 45.4	+0.6
MVAR	MVAR	0.8m, 0.8s, baz=229, slow=9.3, SNR=6.0			
TXAR	Lajitas Array	86.79 57	Op	09 49 16.1	+1.1
TXAR	TXAR	0.6m, 0.6s, baz=219, slow=5.9, SNR=11			
ILAR	Eielson Array	87.93 255	Op	09 49 18.1	-1.2
ILAR	ILAR	0.9m, 0.7s, baz=219, slow=5.5, SNR=6.6			
PDAR	Pinedale Array	88.64 43	Op	09 49 23.6	+0.2
PDAR	PDAR	1.0m, 0.9s, baz=199, slow=3.4, SNR=7.3			
ARCES	ARCES Array B	126.56 350	Op	09 55 32.5	+0.3
ARCES	ARCES	3.0m, 0.5s, baz=38, slow=3.9, SNR=4.2			
AKSG	Malin Array Be	142.72 331	Op	09 55 54.9	
AKSG	AKSG	1.1m, 0.5s, baz=44, slow=4.7, SNR=5.7			
BRTR	Keskin Array B	146.63 31	Op	09 56 08.0	-0.9
BRTR	BRTR	0.8m, 0.5s, baz=142, slow=5.3, SNR=4.2			
MMAI	Mout Meron Arr	147.69 300	Op	09 56 11.2	-0.5
MMAI	MMAI	0.9m, 0.4s, baz=72, slow=4.7, SNR=3.3			
CLL	Collin	147.71 347	Op	09 56 11.1	0.0
CLL	CLL	comp=Z, 1.1m, 1.2s			
GERES	GERES Array B	149.86 345	Op	09 56 16.0	-0.5
GERES	GERES	comp=Z, 0.9m, 0.7s, baz=58, slow=3.3, SNR=7.3			

ISCJB 02 09:40:17.1-0.6, 18.81S:0.10:169.4E:0.1, h246km, mb3.8/13, Error ellipse: s-maj=15.7km s-min=13.5km az=13.4
 IDC 02 09:40:19.8-2.6, 18.86S:169.36E, h257km, 24km, mb3.5/13, mb1 3.9/14, mb1mx3.5/4.7, mbtmp4.1/14, Error ellipse: s-maj=17.4km s-min=14.4km az=55.0
 ISC 02 09:40:18.4-0.7, 18.85S:0.1:169.4E:0.1, h246km, n20, -0.91/21, mb4.0/13, Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
DZM	Mont Dzumac	4.28 220	Op	09 41 25.4	0.0
DZM	DZM	5.1m, 0.3s, baz=128, slow=2.9, SNR=535			
URZ	Urewera	20.48 163	Op	09 44 39.3	+1.5
URZ	URZ	5.4m, 0.7s, baz=292, slow=19, SNR=3.7			
CTA	Charters Tower	21.89 263	Op	09 44 53.0	+1.0
CTA	CTA	5.1m, 0.6s, baz=84, slow=1.4, SNR=48			
STKA	Stephens Creek	28.22 237	Op	09 45 49.5	+0.7
STKA	STKA	4.0m, 0.6s, baz=65, slow=8.7, SNR=17			
WRA	Warramunga Arr	33.09 262	Op	09 46 30.2	-1.4
WRA	WRA	1.5m, 0.6s, baz=90, slow=7.7, SNR=12			
ASAR	Alice Springs	33.41 255	Op	09 46 33.7	-0.7
ASAR	ASAR	15m, 0.4s, baz=82, slow=8.9, SNR=101			
FITZ	Fitzroy Crossi	41.47 264	Op	09 47 41.1	-0.6
FITZ	FITZ	3.1m, 0.5s, baz=86, slow=7.7, SNR=9.7			
VNDA	Alice Springs	58.85 182	Op	09 49 50.8	-0.1
VNDA	VNDA	0.4m, 0.5s, baz=1.6, slow=6.5, SNR=3.3			
ASAJ	Asahikawa	67.28 339	Op	09 50 47.5	+0.9
ASAJ	ASAJ	1.4m, 0.4s, baz=270, slow=3.0, SNR=9.9			
QSPA	South Pole Qui	71.22 180	Op	09 51 10.7	0.0
QSPA	QSPA	0.9m, 0.5s, baz=149, slow=8.9, SNR=1.4			
PETP	Petropavlovsk	72.35 353	Op	09 51 18.0	+0.7
PETP	PETP	3.7m, 0.8s, baz=181, slow=7.2, SNR=3.7			
SONM	Songino Array	87.00 323	Op	09 52 36.7	+0.6
SONM	SONM	0.4m, 0.6s, baz=124, slow=2.6, SNR=3.4			
NVAR	Mina Array Bea	88.39 43	Op	09 52 43.0	0.0
NVAR	NVAR	0.1m, 0.4s, baz=238, slow=8.5, SNR=3.6			
SNA	Sanae	89.58 182	Op	09 52 46.9	-0.9
SNA	SNA	0.7m, 0.5s, baz=200, slow=9.9, SNR=13			
ILAR	Eielson Array	89.78 17	Op	09 52 47.2	-1.3
ILAR	ILAR	0.3m, 0.7s, baz=242, slow=5.2, SNR=4.6			
VNA3	Neumayer Olymp	90.16 180	Op	09 52 49.5	-0.9
VNA3	VNA3	comp=Z, 1.2s, 1.2s			
VNA3	Neumayer-Watz	90.46 181	Op	09 52 51.1	-0.8
VNA3	VNA3	comp=Z, 1.2s, 1.2s			
VNA1	Neumayer-Stat	90.75 181	Op	09 52 52.5</	

2d 10h

Table with columns: ID, Name, Azimuth, Elevation, P, S, Time, Res. Includes stations like V48A Smith Brothers, WHTX Lake Whitney, etc.

2012 SEP

Table with columns: ID, Name, Azimuth, Elevation, P, S, Time, Res. Includes stations like I37A Lemond, Waseca, H36A Jesseland, He, etc.

100

Table with columns: Code, Station Name, Azimuth, Elevation, P, S, Time, Res. Includes stations like KARP Karpathos, ARG Arkhangelos, etc.

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

IDC 02 10:31:38.1±1.2, 35.525N, 27.81E, h0km, mb3.7/4, mb1 3.6/8, mb1mx3.4/6, mbtmp3.5/8, ML3.3/4, Error ellipse: s-maj=26.7km s-min=16.7km az=158.0

ISC/JB 02 10:31:38.5±0.8, 35.54N, 0.03±27.81E, 0.03, h5km, 5km, mb3.4/4, Error ellipse: s-maj=5.7km s-min=3.2km az=148.2

ISK 02 10:31:38.7, 35.49N, 27.70E, h21km, ML3.2/13, ATH 02 10:31:39.9, 35.63N, 27.72E, h18km, ML3.0/5, Error ellipse: s-maj=3.8km s-min=0.9km az=140.0

THE 02 10:31:40.4, 35.64N, 27.75E, h0km, 1km, ML3.2/5, Error ellipse: s-maj=3.6km s-min=1.4km az=149.0

DDA 02 10:31:46.5, 35.90N, 27.72E, h27km, M13.2, ISC 02 10:31:39.9±1.1, 35.60N, 0.03±27.72E, 0.03, h15km, 8km, n61, ±1535/86, mb3.6/4, Dodecanese Islands

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

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

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

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

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

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

NIED 02 10:35:00, 41.30N, 141.70E, h14km, Mw3.4 Best double couple: M1-26000±1014 N1-3139.0000±342.0000, A12.00000±, NP2±290.0000±, S52.00000±, L71.00000±, JMA 02 10:35:18.5, 41.25N, 141.71E, h20km, 1km, M3.6, 1C-2D,

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

MEX 02 10:49:04.7±0.4, 16.44N, 98.51W, h15km, 4km, MD3.8, Near coast of Guerrero

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

IDC 02 10:55:43.8±1.9, 2.21S, 128.85E, h0km, mb3.7/2, mb1 3.9/4, mb1mx3.5/5, mbtmp3.7/4, ML3.6/2, Error ellipse: s-maj=98.4km s-min=14.4km az=70.0, Ceram

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

DJA 02 11:01:11.4±0.3, 5.52S, 120.0E, h10km, M2.5/6, MLV2.5/6, Sulawesi

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

ISC/JB 02 11:05:29.0±0.6, 5.41S, 10.03±146.86E, 0.04, h211km, 6km, mb4.3/60, Error ellipse: s-maj=7.1km s-min=5.1km az=175.4

IDC 02 11:05:30.6±0.6, 5.46S, 146.92E, h216km, 6km, mb3.8/20, mb1 4.0/25, mb1mx3.8/54, mbtmp4.4/25, Error ellipse: s-maj=14.5km s-min=7.2km az=86.0

NEIC 02 11:05:31.4±0.4, 5.42S, 146.90E, h221km, 4km, mb4.5/44, Error ellipse: s-maj=6.1km s-min=3.9km az=93.0

ISC 02 11:05:30.5±0.5, 5.45S, 10.04±146.92E, 0.06, h213km, 5km, h213km, pP, n109, ±1933/120, mb4.4/60, 2C, Eastern New Guinea region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like ASOI, AS31, etc.

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

Table with columns: SMRI, JOW, JOW, etc. Includes station names and coordinates.

Table with columns: JOW, NWAO, JNU, MJAR, etc. Includes station names and coordinates.

Table with columns: URZ, BKZ, DCZ, LBZ, etc. Includes station names and coordinates.

Table with columns: WHZ, MQZ, ODZ, NJ2, etc. Includes station names and coordinates.

Table with columns: KSR, KSAR, ASAJ, USRK, etc. Includes station names and coordinates.

Table with columns: CMAR, KLR, HHC, HHC, etc. Includes station names and coordinates.

Table with columns: LZH, LZH, LZH, LZH, etc. Includes station names and coordinates.

Table with columns: PEAOB, PETK, PETK, etc. Includes station names and coordinates.

Table with columns: SBA, SBA, MKAR, ZALV, etc. Includes station names and coordinates.

OHAK, KSH, SVW2, KURK, KURK, etc. Includes station names and coordinates.

2d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Heris, Tabriz, Bostanabad, Ordubad, Shabestar, Marand, IMRD, IAZR, IASB, IASR, GRMI, NAX, NAX, SBZ, LRK, GLBA, ASTR, LKRN, LKRN, MAKU, HYR, GANJ, ZANJ, GDB, GDB.

MAN 02 11:14:15.6, 9.63N, 126.50E, h30km, mb3.4, ML3.1, MS2.9, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BUTP, MSLP, BESP, BUKP.

TIF 02 11:15:19.5, 42.32N, 43.17E, h0km, 1km, NORCS 02 11:15:19.7, 40.42, 34N, 43.02E, h7km, MPVA3.4, DDA 02 11:15:25.4, 41.64N, 43.31E, h7km, MI3.3, ISC 02 11:15:19.8, 1.2, 42.33N, 0.003, 43.06E, 0.03, h3km, 11km, n17, 0.649/31, Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ONI, DIGR, ZEI, EPOS, NEY, LACR, KORR, TRLG, BGD, TBGL, ARTV, DBOC, SHA1, DAGI, DBAD, DDEM, DGRG, DGRG.

ISCJB 02 11:17:00.2, 0.4, 0.15S, 0.04, 123.21E, 0.03, h100km, mb3.5/7, Error ellipse: s-maj=5.4km s-min=4.6km

DJA 02 11:17:02.2, 0.3, 0.2, 12.3E, h78km, 6km, M4, 1/15, mb4.5/1, mb4.2/6, ML4, 1/15, MW10B3.7/1, IDC 02 11:17:03.4, 6.9, 0.10S, 123.36E, h117km, 6km, mb3.2/7, mb1.3/8, mb1mx3.1/56, mbtmp3.6/8, MS2.9/1, Ms1.2/9.1, mb1mx2.4/28, Error ellipse: s-maj=33.0km s-min=16.7km az=70.0

ISC 02 11:17:01.5, 0.7, 0.14S, 0.05, 123.26E, 0.04, h100km, n22, 0.1562/33, mb3.5/7, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KMSI, LUWI, MRSI, APSI, SANI.

2012 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MPST, KDI, TTSI, NLAJ, SPSI, BNSI, BKSI, EDFI, FITZ, WRA, ASAR, ASAR, CMAR, JHJ, MJAR, ASAJ, MKAR, KURBB.

SJA 02 11:23:02.1, 1.1, 31.70S, 68.82W, h5km, 2km, ML3.6, MW3.7, GUC 02 11:23:05.2, 0.5, 31.68S, 68.99W, h3km, 6km, ML3.7, IDC 02 11:23:08.0, 3.1, 31.83S, 68.73W, h48km, 30km, mb3.3/5, mb1.3/7.8, mb1mx3.4/42, mbtmp3.6/8, ML3.4/3, Error ellipse: s-maj=45.9km s-min=19.5km az=82.0, ISC 02 11:23:02.7, 0.9, 31.67S, 0.02, 68.82W, 0.02, h8km, 7km, n44, 0.1944/71, mb3.5/5, 2C, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZON, SJA, RTVC, RTLS, RTLS, AUSP, AUMOG, ASAL, ARCO, AARG, AACR, ACAN, ACAN, AVIZ, FCH, FCH, PEL, PEL, PEL, AGUA, AGUA, CLCH, CLCH, CLCH, ROCH, ROCH, ROCH, GO04, GO04, GO04, ROLL, APPL, LMEJ, LMEJ, MRA, MRA, VCLA, VCLA, VCA, RFA, RFA, LCO, TCA, TCA, TCA, SUCO, SUCO, SUCO, CYA, CYA, AHML, AHML, FSA, FSA, FSA, AZAP, PLCA, PLCA, PLCA, CPUP, LPAZ, LPAZ, SNA, SNA, GSPA, TXAR, TXAR, PDAR, NVAR, ASAR, ASAR.

comp=Z,0.1nm,0.4s,baz=133,slow=1.3,SNR=6.0 PKP PDF 11 42 00.4 -1.9 WRA Warrungarra Arr 124.08 207 PKP PDF 11 42 00.4 -1.9 comp=Z,0.5nm,0.5s,baz=158,slow=1.8,SNR=18

IDC 02 11:27:30.4, 2.1, 4.99S, 152.67E, h0km, mb3.2/3, mb1.3/6.4, mb1mx3.3/50, mbtmp3.4/4, ML1.4/1, Error ellipse: s-maj=138.1km s-min=25.6km az=128.0, New Britain region

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

ISCJB 02 11:27:35.1, 4.1, 37.84N, 0.07, 26.71E, 0.06, h3km, 12km, Error ellipse: s-maj=12.0km s-min=7.5km az=9.6, ISK 02 11:27:36.2, 37.91N, 26.72E, h14km, 5km, ML2.4/2, DDA 02 11:27:36.6, 37.89N, 26.78E, h7km, MI2.5, ISC 02 11:27:36.1, 1.7, 37.90N, 0.08, 26.75E, 0.05, h17km, 9km, n10, 0.655/16, Decadence Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DGB, GMLD, URLA, URLA, BLBC, CHOS, CHOS, FOCM, AYDB, AYDN, MANT, MANT.

NEIC 02 11:29:02.6, 0.0, 19.71N, 64.22W, h39km, MD3.1 (RSPP), After RSPR, RSPR 02 11:29:02.6, 19.71N, 64.22W, h39km, 7km, MD3.1/5, 23C-12D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ABV, ABV, ABV, ABV, ABV, TBVI, TBVI, TBVI, STVI, STVI, STVI, STVI, CUPR, CUPR, CUPR, CUPR, CUPR, CDVI, CDVI, CDVI, MTP, MTP, MTP, MTP, MTP, HUMP, HUMP, HUMP, HUMP, HUMP, SJG, EMPR, EMPR, EMPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, OBIP, OBIP, OBIP, OBIP, OBIP, DR12, DR12.

ISCJB 02 11:42:31.0, 1.2, 13.9N, 0.1, 91.89W, 0.07, h54km, mb3.6/3, Error ellipse: s-maj=16.7km s-min=9.1km az=13.9, IDC 02 11:42:32.4, 2.9, 13.84N, 91.78W, h52km, 27km, mb3.4/3, mb1.3/9.6, mb1mx3.4/54, mbtmp3.7/6, ML3.3/9, Error ellipse: s-maj=26.2km s-min=16.7km az=163.0, ISC 02 11:42:33.3, 1.1, 14.0N, 0.1, 91.84W, 0.07, h54km, n8, 0.1500/10, mb3.3/3, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like APG, APG, CMIG, CMIG, CMIG, TXAR, TXAR, NVAR, ILAR, CMAR.

ISCJB 02 11:52:56.7, 0.4, 5.32S, 0.06, 152.76E, 0.07, h40km, mb4.2/33, MS3.3/9, Error ellipse: s-maj=12.1km s-min=5.7km az=37.6, IDC 02 11:52:56.0, 4.2, 5.29S, 152.66E, h53km, 37km, mb3.8/18, mb1.4/0.19, mb1mx3.8/56, mbtmp4.1/19, ML2.0/1, MS3.2/9, Ms1.3/2.9, ms1mx3.0/55, Error ellipse: s-maj=20.5km s-min=18.4km az=77.0, NEIC 02 11:52:56.7, 0.9, 5.27S, 152.71E, h61km, 7km, mb4.4/16,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like APG, APG, CMIG, CMIG, CMIG, TXAR, TXAR, NVAR, ILAR, CMAR.

Table with columns for station name, frequency, and other parameters. Includes stations like VLC, CTLE8, POPM, BDI, EQUI, MAIM, CGRP, MABI, PANI, PLMA, MSSA.

Table with columns for station name, frequency, and other parameters. Includes stations like GORR, CARE, KOSI, BRMO, BERN, MOSI, PE3, ABSI, PIEI, FSSB, TUE, ROSI, FETA, ABTA, SABO, RISI, SKDS, WTTA, MOTA, JAVS, WATA, DAVA, RETA, MYKA, SBF, KBA, PGF, NVLJ, VISS, MBDF, LPGA, LPG.

Table with columns for station name, frequency, and other parameters. Includes stations like LPL, OBKA, FRF, UDBI, LMR, ORIF, KIZ, MOA, CABF, OG35, HINF, OPP, ECH, CDF, HAU, VIVF, LOR, LOR, LOR, AVF, BRG, MTLF, ONAJ, JFK, JHO, JHYU, JFJD, JMM, JFT, JIO, JOU, BSOI, JAG, JMK, JYK, JOIM, MJAR, MAT, MAT, HACH, JHJ, ASAJ, ASAJ, JCJ, JCJ, KRSR, KRSR, SONM, MKAR, KURBB, ILAR, HUIG, HUIG, VHO, VHO, PNIG, PNIG, CMIG, CMIG, TLIG, TLIG, PCIG, PCIG, TUIG, TUIG.

Technical notes and coordinates for various stations, including NIED 02, JMA 02, ISC 02, and various station-specific details like SNR, elevation, and coordinates.

Table with columns: SNY, comp, LR, LR, description, value, P, P, value, P, P. Includes entries like S46A Don Dixon Farm, I04A Tendick Farm, R42A Luebbering, etc.

Table with columns: ISCO, comp, LR, LR, description, value, P, P, value, P, P. Includes entries like ISCO Idaho Springs, T42A Van Buren, P40A White River, etc.

Table with columns: V44A, comp, LR, LR, description, value, P, P, value, P, P. Includes entries like V44A Blytheville, X52A Dahlonega, P18A Preston Nutter, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Culebra, Puerto, Monte Pirata, Canovanas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Keskin Array S, Borongan, Catarman, etc.

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

IDC 02 13:06:33.1.0.9.31.285x178.30W, h0km, mb4.2/6, mb1 4.3/8, mb1mx3.9/51, mbtmp4.2/8, ML3.5/2, Error ellipse: s-maj=24.4km s-min=18.9km az=95.0

IDC 02 13:35:06.9.1.6.48.74N-156.19E, h42km±24km, ML3.8, East of Kuril Islands

NEIC 02 14:39:15.7.0.0.19.80N-64.21W, h34km, MD3.7(RSPR), After RSPR, RSPR 02 14:39:15.7, 19.80N-64.21W, h34km±17km, MD3.7/13, 16C-14V, Virgin Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Raoul Island, Urewera, Warramunga Arr, etc.

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

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

IDC 02 13:14:41.6.1.2.10.93N-127.03E, h0km, mb3.9/11, mb1 4.0/11, mb1mx3.7/63, mbtmp3.9/11, Error ellipse: s-maj=99.8km s-min=14.0km az=70.0

NEIC 02 14:36:06.6.0.0.19.67N-64.24W, h35km, MD4.0(RSPR), After RSPR, RSPR 02 14:36:06.6, 19.67N-64.24W, h35km±18km, MD4.0/8, 12C-19V, Virgin Islands

NEIC 02 14:42:10.7.1.103N-127.00E, h33km, mb5.0/77, mb5.2/52, Ms4.6/82, Ms7.4/75

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

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

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

Table with columns: ICAO, Local Name, Frequency, Mode, Class, and other parameters. Includes entries for M2S 14h, Mapaga, Luwuk, Sorong, etc.

Table with columns: ICAO, Local Name, Frequency, Mode, Class, and other parameters. Includes entries for GYA, GYA, GYA, GYA, GYA, etc.

Table with columns: ICAO, Local Name, Frequency, Mode, Class, and other parameters. Includes entries for CHTO, DL2, Dalian, DL2, DL2, etc.

VNDA	Vanda	90.91 173	eP	P	14 55 15.7 +0.4
VNDA	Vanda	90.91 173	eP	P	14 55 15.7 +0.4
VNDA	comp=Z,46nm,1.4s			pmax	
UZH	Uzhgorod	90.92 320	eP	P	14 55 15.7 -0.4
UZH					14 55 27.1
UZH					14 55 34.7
DRGR		91.22 318	l/P	P	14 55 17.6 -0.1
DRGR		91.22 318	P	P	14 55 16.9 -0.8
HFS	comp=Z,19nm,1.1s			pmax	
HFS	Hagfors	91.33 333	P	P	14 55 17.0 -0.7
HFS	comp=Z,4.0nm,0.5s,baz=132,slow=2.1,SNR=27			LR	15 38 18.7
HFS	Hagfors	91.33 333	P	P	14 55 17.0 -0.7
CRVS	Cervenica-Dubn	91.36 320	eP	P	14 55 18.8 +0.6
CRVS	comp=Z,20nm,1.2s			pmax	
CRVS	Cervenica-Dubn	91.36 320	eP	P	14 55 18.8 +0.6
NC401	NORSAR Array S	91.75 334	eP	P	14 55 18.5 -1.2
NC405	NORSAR Array S	91.77 334	eP	P	14 55 18.5 -1.3
SBA	Scott Base	91.80 172	eP	P	14 55 20.6 +1.2
SBA	comp=Z,0.6nm,1.8s			pmax	
SBA	Scott Base	91.80 172	P	P	14 55 20.6 +1.2
SBA	comp=Z,7.6nm,1.7s			pmax	
NC305	NORSAR Array S	91.81 334	eP	P	14 55 18.3 -1.7
NC300	NORSAR Array S	91.82 334	eP	P	14 55 19.2 +0.8
NIE	Niedzica	91.91 321	eP	P	14 55 21.3 +0.6
NIE	Niedzica	91.91 321	eP	P	14 55 21.3 +0.6
OJC	Ojcow	91.94 322	eP	P	14 55 21.1 +0.3
OJC	Ojcow	91.94 322	eP	P	14 55 21.1 +0.3
NB2	NORSAR Subarra	92.02 334	P	P	14 55 18.9 -2.1
NB2	comp=Z,1.9nm,0.5s,baz=65,slow=4.6				
NB2	NORSAR Subarra	92.02 334	P	P	14 55 19.4 -1.6
NB2	NORSAR Subarra	92.02 334	P	P	14 55 19.8 -2.1
NOA	NORSAR Array B	92.02 334	P	P	14 55 19.5 -1.5
NOA	comp=Z,4.5nm,0.9s,baz=64,slow=4.6,SNR=8.0			LR	15 40 57.1
NOA	comp=Z,9.4nm,1.8s,baz=65,slow=3.8				
NC202	NORSAR Array S	92.05 334	eP	P	14 55 19.8 -1.6
NC201	NORSAR Array S	92.05 334	eP	P	14 55 20.1 -1.1
NC204	NORSAR Array S	92.10 334	eP	P	14 55 20.1 -1.3
KECS	Kecevo	92.11 320	eP	P	14 55 21.8 +0.2
KECS	comp=Z,5.0nm,0.9s			pmax	
KECS	Vitosha	92.11 320	eP	P	14 55 21.8 +0.2
VTS	Vitosha	92.16 314	eP	P	14 55 21.2 -1.0
VTS	comp=Z,6.1nm,1.1s			pmax	
VTS	Vitosha	92.16 314	eP	P	14 55 21.2 -1.0
VTS	comp=Z,6.0nm,1.1s			pmax	
DOMB	Dombas	92.44 335	eP	P	14 55 20.8 -2.1
MDVR	Moldovita	92.52 316	l/P	P	14 55 21.3 -2.4
YKWS	Yellowknife Ar	92.59 24	eP	P	14 55 23.3 +0.3
YKA	comp=Z,3.9nm,1.6s				
YKA	Yellowknife Ar	92.63 24	P	P	14 55 24.0 +0.3
YKA	comp=Z,4.9nm,0.7s,baz=300,slow=4.6,SNR=22			PKKPdf	15 12 34.9 -0.2
YKA	comp=Z,0.6nm,0.5s,baz=126,slow=2.8,SNR=6.3				
YKBS	Yellowknife Ar	92.63 24	eP	P	14 55 23.3 +0.4
IDI	Anoyia	92.99 307	lR	LR	15 42 57.1
YVHS	Yyhne	93.14 321	eP	P	14 55 26.6 +0.2
YVHS	comp=Z,10.0nm,1.9s			pmax	
YVHS	Yyhne	93.14 321	eP	P	14 55 26.6 +0.2
AKN	Aaknes	93.21 336	eP	P	14 55 24.2 -2.2
IMORC	IMoravsky Berou	93.46 322	eP	P	14 55 26.3 -1.6
JAVC	Velka Javorina	93.72 321	eP	P	14 55 30.4 +1.3
KSP	Ksiaz	93.79 323	eP	P	14 55 29.6 +0.3
KSP	Ksiaz	93.79 323	eP	P	14 55 29.6 +0.3
DIVS	Divibare	93.90 316	eP	P	14 55 29.3 -0.8
DIVS	comp=Z,7.8nm,1.1s				
DPC	Dobruska-Polom	93.97 323	AMS	AMS	15 43 20.0
DPC	comp=Z,2.00nm,13.8s				
HYA	Hoyanger	94.07 335	eP	P	14 55 28.0 -2.4
HYA					14 55 40.0 -2.4
ODDI	Odda	94.55 334	eP	P	14 55 32.1 -0.5
ITMI	Ithomi	94.74 309	eP	P	14 55 33.2 -0.8
TAOE	Nuku Hiva Isla	94.76 98	eLR	LR	15 26 00.0
ASK	Askoy	94.85 335	eP	P	14 55 32.9 -1.0
BL5S	Panska Ves	94.88 334	eP	P	14 55 33.2 -0.9
PVCC	Panska Ves	94.92 324	AMS	AMS	15 43 20.0
PVCC	comp=Z,2.00nm,16.8s				
D03D	Eldon	94.94 40	P	P	14 55 35.4 +0.7
PDG	Podgorica	94.98 315	l/P	P	14 55 34.6 -0.3
BRG	Bergjesshubel	95.14 324	eP	P	14 55 35.5 0.0
BRG	comp=Z,9.7nm,1.3s				
BRG	Bergjesshubel	95.14 324	eP	P	14 55 35.5 0.0
BRG	comp=Z,12nm,1.3s			pmax	
PRU	Pruhonice	95.16 323	AMS	AMS	15 46 00.0
PRU	comp=Z,15nm,15.8s				
CONA	Conrad Observa	95.19 321	ePcP	P	14 55 36.8 +0.9
CONA	comp=Z,5.8nm,1.1s				
B05A	Bryant	95.27 39	P	P	14 55 36.9 +0.7
STAV	Stavanger	95.47 333	eP	P	14 55 36.4 -0.4
CLL	Colim	95.50 325	eP	P	14 55 35.9 -1.1
CLL	comp=Z,15nm,1.7s				
CLL	Colim	95.50 325	eP	P	14 55 36.0 -1.1
CLL	comp=Z,6.0nm,1.1s				
CLL	comp=Z,2.00nm,19.2s			pmax	
CLL	Colim	95.50 325	eP	P	14 55 36.0 -1.1
E04D	Cinebar	95.65 40	P	P	14 55 38.6 +0.7
ARSA	Arzberg	95.67 320	ePcP	P	14 55 37.7 -0.4
ARSA	comp=Z,5.4nm,1.2s				
G03D	McMinville, O	95.71 42	P	P	14 55 37.9 -0.3
SUMG	Summit	95.73 356	eP	P	14 55 37.3 -1.0
SUMG	comp=Z,17.9nm,2.0s				
SUMG	Summit	95.73 356	eP	P	14 55 37.3 -1.0
SUMG	comp=Z,17.9nm,2.0s			pmax	
KHC	Kasperske Hory	96.09 323	AMS	AMS	15 44 30.0
GEC2	GERESS Array S	96.14 322	eP	P	14 55 39.2 -1.0
GEC2	comp=Z,7.2nm,1.4s				
GEC2	GERESS Array S	96.14 322	eP	P	14 55 39.2 -1.0
GEC2	comp=Z,7.0nm,1.4s			pmax	
GERES	GERESS Array B	96.14 322	P	P	14 55 39.2 -1.0
GERES	comp=Z,1.2nm,0.8s,baz=65,slow=6.3,SNR=10			LR	15 45 18.8
GERES	comp=Z,9.7nm,1.8s,baz=77,slow=3.9				
GEAO	GERESS Array S	96.14 322	eP	P	14 55 38.8 -1.5
PERS	Pernice	96.17 320	eP	P	14 55 40.0 -0.3
SOKA	Soboth	96.20 320	ePcP	P	14 55 39.9 -0.7
MOA	Molin	96.21 321	ePcP	P	14 55 40.9 +0.4
MOA	comp=Z,8.3nm,1.2s				
I03D	Drain, OR	96.23 43	P	P	14 55 41.3 +0.7
H04D	Lebanon	96.32 42	P	P	14 55 40.9 -0.2
H04D	comp=Z,2.9s				
BOJS	Bojanci	96.53 319	eP	P	14 55 41.9 0.0
L02D	Cave Junction,	96.62 45	P	P	14 55 43.1 +0.6
L02D	comp=Z,2.8nm,0.5s				
VISS	Visnje	96.68 319	eP	P	14 55 42.5 -0.2
I04A	Tendick Farm,	96.82 43	P	P	14 55 44.1 +0.7
I04A	comp=Z,2.9s				
B08A	Colville Reser	96.92 38	P	P	14 55 43.8 +0.1
KBA	Koelnbreinsper	97.10 321	ePcP	P	14 55 44.6 -0.2
KBA	comp=Z,2.5nm,1.1s				
KBA	Koelnbreinsper	97.10 321	P	P	14 55 43.7 -1.0
KBA	comp=Z,5.0nm,1.0s			pmax	
JAVS	Javornik	97.14 319	eP	P	14 55 44.1 -0.7
J04D	Umpqua Nationa	97.23 43	P	P	14 55 45.0 -0.5

I05D	Terrebonne, OR	97.32 42	P	Pdf	14 55 45.9 +0.2
I05D	comp=Z,24nm				
YBH	Yreka Blue Hor	97.40 45	P	P	14 55 45.7 -0.4
YBH	comp=Z,1.9nm,0.9s,baz=118,slow=18,SNR=3.5			LR	15 29 52.4
D08A	Wollman Farm,	97.73 39	eP	Pdf	14 55 47.6 +0.2
D08A	comp=Z,1.05nm,20.6s,baz=298,slow=29				
PINE	Pine Mountain	97.80 43	eP	Pdf	14 55 48.4 +0.3
PINE	comp=Z,1.9nm,1.3s				
J05D	Fort Rock, OR	97.81 43	P	Pdf	14 55 49.5 +1.5
J05D	comp=Z,1.1nm,1.3s				
WATA	Waderlam	98.07 322	ePcP	P	14 55 48.7 -0.4
WATA	comp=Z,1.3nm,0.5s				
NEW	Newport	98.27 37	P	P	14 55 49.7 -0.2
NEW	comp=Z,3.3nm,1.0s,baz=108,slow=20,SNR=3.9			LR	15 33 54.6
NEW	Newport	98.27 37	eP	Pdf	14 55 50.5 +0.6
NEW	comp=Z,2.6nm,2.1s,baz=294,slow=32				
NEW	Newport	98.27 37	eP	Pdf	14 55 50.5 +0.6
NEW	comp=Z,6.0nm,1.1s			pmax	
NEW	Newport	98.27 37	eP	Pdf	14 55 50.0 +0.1
NEW	comp=Z,2.9s				
M0TA	Moosalm	98.36 322	ePcP	P	14 55 49.9 -0.4
M0TA	comp=Z,3.1nm,1.0s				
E09A	Wood Farm, Sta	98.44 39	eP	Pdf	14 55 51.5 +0.9
E09A	comp=Z,9.3nm,1.2s				
FETA	Feichten	98.73 322	ePpdf	P	14 55 51.8 -0.2
FETA	comp=Z,7.8nm,1.2s				
MOD	Modoc Plateau	98.99 44	eP	P	14 55 53.2 -0.1
MOD	comp=Z,9.7nm,1.4s				
DAVA	Damuels	99.12 322	ePpdf	Pdf	14 55 54.1 +0.3
DAVA	comp=Z,2.6nm,1.1s				
DAVA	Dav/Dischmat	99.36 322	LR	LR	15 46 46.1
DAVA	comp=Z,80nm,18.5s,baz=87,slow=39				
SYO	Syowa Base	99.44 201	l/Pdf	Pdf	14 55 54.4 0.0
SYO	comp=Z,2.4nm,0.9s,baz=60,slow=14,SNR=5.6				
MEM	Membach	99.72 326	l/Pdf	Pdf	14 55 54.1 -2.1
MEM	Wierdange	100.13 325	l/Pdf	Pdf	14 55 54.9 +0.1
CMB	Columbia Colle	100.48 48	eP	Pdf	14 56 00.0 +0.1
CMB	Columbia Colle	100.48 48	eP	Pdf	14 56 00.0 +0.1
MFID	Camas Ranch	101.31 41	ePdif	Pdf	14 56 03.7 +0.1
EKA	Eskdalemuir Ar	101.49 333	P	Pdf	14 56 04.7 +0.8
NVAR	Nina Array Bea	101.81 47	P	Pdf	14 56 07.1 +1.0
NVAR	comp=Z,1.1nm,0.7s,baz=269,slow=5.1,SNR=8.2				
NVAR	PKIKP				15 00 30.2 +1.0
NVAR	comp=Z,0.2nm,0.4s,baz=283,slow=2.6,SNR=3.6				
NVAR	comp=Z,0.9nm,0.8s,baz=142,slow=4.3,SNR=5.3			PKKPbc	15 12 09.8 -2.7
MPMC	Manual Prospe	103.40 49	P	Pdf	14 56 13.8 +0.7
MPMC	comp=Z,2.9s				
TPNV	Topogah Spring	103.92 47	P	Pdf	14 56 16.3 +0.9
TPNV	comp=Z,2.9s				
DUG	Dugway, Tooele	104.82 43	P	Pdf	14 56 19.8 +0.5
DUG	comp=Z,2.9s				
ANMO	Albuquerque	111.83 45	P	PKIKP	15 00 49.5 +1.6
ANMO	comp=Z,2.9s				
SNA4	Sanae	112.49 195	P	PKKPbc	15 11 37.4 -2.7
ECSD	EROS Data Cent	112.52 33	P	PKIKP	15 00 47.5 -1.2
ECSD	comp=Z,3.1s				
VNA2	Neumayer-Watz	114.11 195	P	PKPdf	15 00 50.9 +0.1
VNA2	comp=Z,5.4nm,1.1s				
VNA2	Neumayer-Watz	114.11 195	P	PKKPbc	15 11 32.2 -2.3
VNA2	comp=Z,3.2s,slow=5.2				
MNTX	Cornudas Mount	114.31 48	P	PKPdf	15 00 52.8 +0.4
MNTX	comp=Z,3.2s				
K36A	Glimore City	114.42 32	P	PKPdf	15 00 57.7 -1.7
K36A	comp=Z,3.1s				
VNA3	Neumayer Olymp	114.47 194	P	PKPbc	15 00 51.3 -0.2
VNA3	comp=Z,3.1s				
VNA3	Neumayer Olymp	114.47 194	P	PKKPbc	15 11 29.5 -3.8
VNA1	Neumayer-Stat	114.51 195	P	PKPbc	15 00 54.9 +3.1
VNA1	comp=Z,3.1s				
G40A	Rib Lake	114.57 28	P	PKPbc	15 00 52.1 -0.4
G40A	comp=Z,3.0s				
F41A	Three Lakes	114.70 27	P	PKPdf	15 00 52.6 -0.2
F41A	comp=Z,3.1s				
I39A	Houston	115.01 30	P	PKPdf	15 00 51.8 -1.6
I39A	comp=Z,3.1s				
K38A	Parkersburg	115.28 31	P	PKPdf	15 00 52.3 -1.7
K38A	comp=Z,3.1s				
TX31	Lajitas Ar. Si	116.82 49	ePKPpdf	PKPbc	15 00 57.2 -0.3
TXAR	Lajitas Array				

Table with columns: W48A, Pulaski, 123.89, 33, P, PKPpdf, 15 01 09.9 -0.9, etc. Lists various station identifiers and their associated data.

Table with columns: CRPR Cabo Rojo, PR, 147.83, 25, ePKPb, PKPbc, 15 01 57.5 -0.5, etc. Lists station identifiers and their associated data.

NEIC 02 14:45:01.9, 0.0, 19:61N-64:07W, h70km, MD3.6/4, 4C-6D, After RSPR, RSPR 02 14:45:01.9, 19:61N-64:07W, h70km, MD3.6/4, 4C-6D, Virgin Islands

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res. Lists station identifiers and their associated data.

IDC 02 14:51:19.7, 4.6, 10:79N-126:31E, h0km, mb3.6/4, m1 3.7/4, m1mx3.3/6.4, mbtm3.6/4, Error ellipse: s-maj=41.3km s-min=22.3km az=66.0

ISCJB 02 14:51:20.9, 1.0, 11:13N-106:126:90E, 0:07, h33km, mb3.6/4, Error ellipse: s-maj=10.7km s-min=7.3km az=147.0

MAN 02 14:51:20.2, 11:16N-126:94E, h32km, mb4.7, ML3.6, ISC 02 14:51:23.0, 1.1, 11:15N-107:126:9E, 0:1, h35km, n11, r130/15, mb3.7/4, Philippine Islands region

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res. Lists station identifiers and their associated data.

ISCJB 02 15:12:34.8, 0.3, 4:29N-10:03:128:03E, 0:04, h66km, mb4.1/22, Error ellipse: s-maj=6.3km s-min=3.9km az=160.4

DJA 02 15:12:35.6, 1.1, 4:1N-10:12:8E, 1:15, h15km, 15km, M4.3/11, mb4.5/7, mb4.8/6, MLV4.4/11, MW(MB)4.0/6

NEIC 02 15:12:36.0, 1.1, 4:35N-128:22E, h61km, 10km, mb4.2/6, Error ellipse: s-maj=13.3km s-min=6.0km az=66.0

IDC 02 15:12:35.7, 2.2, 4:26N-128:02E, h57km, 22km, mb3.8/16, m1 3.9/18, m1mx2.7/6.0, mbtm3.4/11, ML2.4/22, MS3.7/1, M1 3.7/1, m1mx2.7/6.0, Error ellipse: s-maj=25.9km s-min=10.7km az=70.0

MAN 02 15:13:17.3, 6:70N-126:13E, h9km, mb4.9, ML3.8, MS3.8, ISC 02 15:12:36.0, 5.0, 4:28N-10:04:128:02E, 0:07, h66km, n56, r169/65, mb4.2/22, North of Halmahera

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res. Lists station identifiers and their associated data.

Table with columns: SKMP Bagumbayan, Su, 4.11, 303, eP, Pn, 15 13 37.1 +0.3, etc. Lists various station identifiers and their associated data.

MAN 02 15:18:24.6, 10:53N-127:08E, h99km, mb5.3, ML4.3, MS4.4

IDC 02 15:18:24.2, 0.6, 10:34N-126:87E, h0km, mb4.1/15, m1 4.2/16, m1mx4.0/6.0, mbtm3.4/16, ML4.1/1, MS3.2/3, CNP, Error ellipse: s-maj=42.5km s-min=1.7km az=77.0

ISCJB 02 15:18:25.3, 0.3, 10:37N-127:02E, 0:04, h20km, mb4.3/25, Error ellipse: s-maj=6.4km s-min=4.5km az=175.9

BUI 02 15:18:27.9, 10:37N-127:12E, h34km, mb4.5/31, MB4.9/16, Ms4.2/8, Mst 3.9/7

NEIC 02 15:18:29.1, 0.3, 10:40N-127:12E, h35km, mb4.7/9, Error ellipse: s-maj=13.4km s-min=4.7km az=82.0

ISC 02 15:18:27.5, 0.5, 10:35N-10:04:126:85E, 0:07, h20km, n55, r160/60, mb4.4/25, 1D, Philippine Islands region

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res. Lists station identifiers and their associated data.

Table with columns: ABV, ANEGADA, STVI, STVI, CUPR, CUPR, CDVI, MTP, MTP, CBYP, AOPR, AOPR, CELP, CRPR. Includes station names, times, and frequencies.

IDC 02 16:58:02.2,3,9,97N-127.17E, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.4/66, mbtmsp3.9/4, MS3.6/1, Ms1 3.6/1, ms1mx2.5/63, Error ellipse: s-maj=205.3km

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

ISCJB 02 16:58:02.3,0.7, 18.8S:0.1x177.8W:0.1, h600km, mb3.9/10, Error ellipse: s-maj=18.2km s-min=12.8km

IDC 02 16:58:04.8,1.4, 18.176S:177.70W, h620km, 10km, mb3.3/10, mb1 3.4/13, mb1mx3.0/55, mbtmsp4.3/13, Error ellipse: s-maj=15.9km s-min=12.8km az=143.0

ISC 02 16:58:03.5-0.8, 18.7S:0.1x177.7W:0.1, h600km, n15, az=122/16, mb3.8/10, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI, DZM, URZ, CTA, STKA, WRA, ASAR, FITZ, VNA, MJAR, QSPA, PETK, ILAR, ARCES, EKA.

IDC 02 17:04:54.5-8.4, 17.80S:178.59W, h569km, 95km, mb3.1/5, mb1 3.3/5, mb1mx2.8/53, mbtmsp4.1/5, Error ellipse: s-maj=113.0km s-min=38.3km az=155.0, Fiji Islands region

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

IDC 02 17:21:08.1-0.7, 10.57N:126.84E, h0km, mb4.1/20, mb1 4.2/20, mb1mx4.0/65, mbtmsp4.2/20, Error ellipse: s-maj=46.0km s-min=11.4km az=71.0

ISCJB 02 17:21:09.1-0.5, 10.59N:0.04x126.91E:0.05, h20km, mb4.1/19, Error ellipse: s-maj=6.8km s-min=5.7km az=167.9

MAN 02 17:21:10.6, 10.66N:126.92E, h33km, mb4.8, ML3.7, MS3.6

ISC 02 17:21:11.2-0.6, 10.64N:0.05x126.83E:0.08, h20km, n30, az=107/36, mb4.2/19, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BESP, MSLP, BUTP, OCLP, CNP, BUKP, PVP, BATI, CMAR, FITZ, WRA, ASAR, SONM, NWAO, STKA, MKAR, ZALV, KURBB, KURBB, AKTO, BRTR, FINES.

Table with columns: AKASG, MLD, VNA, HFS, TORD, PLCA. Includes station names, times, and frequencies.

IDC 02 17:23:54.9-0.7, 10.99N:126.85E, h0km, mb4.1/16, mb1 4.2/16, mb1mx3.9/64, mbtmsp4.1/16, MS3.5/13, Ms1 3.5/13, ms1mx3.2/58, Error ellipse: s-maj=47.4km s-min=12.0km az=75.0

MAN 02 17:23:56.3, 11.00N:126.83E, h29km, mb5.3, ML4.3, MS4.5

ISCJB 02 17:23:58.4-0.5, 10.97N:0.04x126.75E:0.05, h37km, mb4.0/17, MS3.4/11, Error ellipse: s-maj=6.8km s-min=5.5km az=92.2

ISC 02 17:24:00.1-0.6, 10.97N:0.05x126.73E:0.09, h37km, n37, az=119/32, mb4.0/17, MS3.4/11, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BESP, MSLP, OCLP, BUTP, CNP, BUKP, PVP, GUMO, BATI, JNU, JHU, LEM, KSRS, MJAR, CMAR, FITZ, WRA, USRK, ASAR, ASAR, ASAJ, KLR, ASAR, HNR, SONM, STKA, PALK, PETK, MKAR, ZALV, KURBB, BRTR, FINES, AKASG, HFS, PLCA.

ISCJB 02 17:28:33.4-0.7, 32.11N:115.13W:0.03, h11km, 6km, Error ellipse: s-maj=4.7km s-min=3.6km az=178.7

ICX 02 17:28:35.0-6.3, 32.11N:115.20W, h8km, MD3.2, ML3.4

ISC 02 17:28:33.1-1.1, 32.15N:102.115W:0.03, h11km, 11km, n36, az=069/51, SC-4D, California-Baja

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CPXB, YMD, EIC, ECXB, SGL, DREC, UCA, ERPC, WESC, YUH, RMX, IKP, IKP, IKP, IKP, GLA, SWSC, SWSC, SWSC, SPG, SPG, SPX, SPX, SPX, SPX, IKP, GLA, SWSC, SWSC, SWSC, SPG, SPG, SPX, SPX, SPX, SPX, IKP, ZAX, CBX, CBX, MONP2, MONP2, TJJG, ECNX, ECNX.

Table with columns: BAR, PBX, Y12C, Y12C, 109C, 109C, FRD, FRD, PFO, PFO, BELC, 214A, IRM, MURC, MURC, PDMO, PDMO, GMRC, HECR, BFSC.

IDC 02 17:53:27.7-0.4, 10.92N:126.60E, h0km, mb4.6/39, mb1 4.6/42, mb1mx4.5/65, mbtmsp4.6/42, ML4.3/3, MS3.8/30, Ms1 3.8/30, ms1mx3.6/60, Error ellipse: s-maj=16.0km s-min=8.5km az=75.0

MAN 02 17:53:28.3, 11.00N:126.87E, h26km, mb5.6, ML4.7, MS5.0

ISCJB 02 17:53:29.6-1.0, 10.99N:0.02x126.72E:0.03, h22km, 7km, mb4.7/120, MS3.9/36, Error ellipse: s-maj=5.3km s-min=3.7km az=168.0

MOS 02 17:53:31.6-1.0, 11.04N:126.57E, h33km, mb5.1/37, Error ellipse: s-maj=10.9km s-min=5.0km az=117.6

GCMT 02 17:53:31.9-0.3, 10.91N:0.04x126.71E:0.03, h16km, 1km, MW4.8/66, Moment Tensor Solution, s9,c10, s66,c91, Duration: 0, Moment tensor: Scale 10^16Nm, M=2.28x10^20, Mw=0.65t, 10; Mw=1.63t, 13; Mw=0.49t, 38; Mw=0.71t, 20; Mw=0.34t, 28; Best double couple: M2.22100x10^16 NP1: s=146.00000, s82.00000, -1.9700000. NP2: s=338.00000, s83.00000, -8.100000. Principal axes: Azm21.00000, Azm21.00000, Azm21.00000. N 0.30000, P1g6.00000, Azm151.00000, -2.37300, P1g81.00000, Azm21.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular

moment-tensor function NEIC 02 17:53:32.9-0.2, 10.93N:126.70E, h35km, mb4.9/36 Error ellipse: s-maj=8.8km s-min=4.2km az=89.0

BUI 02 17:53:32.3, 10.84N:126.88E, h59km, mb4.9/63, mb5.1/38, MS4.3/37, MS7.4/35

DJA 02 17:53:42.5-2.9, 11.1N:126.18E, h1.4, h47km, 15km, M4.5/12, mb4.6/12, mb5.2/5, Mw(mB)4.5/5

ISC 02 17:53:34.5-0.7, 10.99N:0.03x126.73E:0.06, h48km, 5km, n292, s168/302, mb4.8/124, MS3.9/36, 31C-8D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BESP, OCLP, BUTP, CNP, BUKP, PVP, MATI, GUMI, PAGZ, AUOP, OTRP, DMMP, BOAC, SJMP, TGY, BUIP, BALP, CAUP, APYP, KKM, SIJI, SIJI, TTSI, JOW, JOW, JOW, BNSI, SBUM, BKBI, GUMO, STKI, JAY, MMRI, MMRI, SOEI, SOEI, SOEI, BATI, BATI, TWSI, NJ2, NJ2, JNU, JNU, JNU, WHN, WHN, WHN, WHN.

ISCJB 02 17:53:32.9-0.2, 10.93N:126.70E, h35km, mb4.9/36 Error ellipse: s-maj=8.8km s-min=4.2km az=89.0

BUI 02 17:53:32.3, 10.84N:126.88E, h59km, mb4.9/63, mb5.1/38, MS4.3/37, MS7.4/35

DJA 02 17:53:42.5-2.9, 11.1N:126.18E, h1.4, h47km, 15km, M4.5/12, mb4.6/12, mb5.2/5, Mw(mB)4.5/5

ISC 02 17:53:34.5-0.7, 10.99N:0.03x126.73E:0.06, h48km, 5km, n292, s168/302, mb4.8/124, MS3.9/36, 31C-8D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUIP, BALP, CAUP, APYP, KKM, SIJI, SIJI, TTSI, JOW, JOW, JOW, BNSI, SBUM, BKBI, GUMO, STKI, JAY, MMRI, MMRI, SOEI, SOEI, SOEI, BATI, BATI, TWSI, NJ2, NJ2, JNU, JNU, JNU, WHN, WHN, WHN, WHN.

Table with columns: VSR, Storozhevoje, 80.00 320 eP, P, 18 05 37.7 -1.1, etc. Lists various stations and their coordinates and frequencies.

Table with columns: LPAZ, PKPab, PKPab, 18 14 32.0 +1.8, etc. Lists stations like Placania, Palizzo, Palizzo, etc.

Table with columns: FASA, Fasano, 3.03 358 ePn, Sn, 18 01 06.0 -1.8, etc. Lists stations like Fasano, Prodomos, Sgolgore (BA), etc.

Table with columns: MEX 02 18:08:17.6:0.6, 15:34N-96:46W, h16km, 39km, MD3.8, etc. Lists stations like Huatulco, Vista Hermosa, etc.

Table with columns: IDC 02 18:11:38.8:3.3, 6:84S, 149:00E, h0km, mb3.5/2, etc. Lists stations like Port Moresby, Warramunga Ar, etc.

Table with columns: NNC 02 18:14:05.9:3.1, 38:77N-69:87E, h0km, mb4.2, mpv3.8, etc. Lists stations like Sufi-Kurgan, Manas, Karatay Array, etc.

Table with columns: MAN 02 18:16:42.0, 11:10N-126:49E, h24km, mb4.6, ML3.5, etc. Lists stations like Borongan, Ormoc, Maasin, etc.

Table with columns: ISCJB 02 18:39:6:1.1, 32:49S:0:08:70:55W:0:07, etc. Lists stations like El Roble, Fiskardo, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like FITZ, CMAR, OTT, EUNU, TULEG, RES, KULLO, CB31, SUMG, DHRM, INK, SPITS, YKA, ILAR, BORG, SCHG, ULM, SADO, NVAR, ZALV, BVAR, SONM, MKAR, TXAR, KSR5, etc.

MAN 02 19:38:41.8, 19:32N-121:02E, h33km, mb4.0, ML2.7, MS2.3, 1D, Philippine Islands region. Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC.

ISCJB 02 19:44:24.2, 1.7, 12:29N, 0:06:88:89W, h22km, 16km, mb3.7/4, MS3.1/4, Error ellipse: s-maj=11.6km, s-min=4.5km, az=36.0. UCR 02 19:44:25.1, 1.3, 12:35N, 88:89W, h22km, 12km, MD3.6, ML3.6. IDC 02 19:44:26.2, 4.1, 12:16N, 88:65W, h45km, 21km, mb3.5/4, mb1 3.9/7, mb1mx3.5/6, mbtmpp3.7/7, ML3.3/3, MS3.2/4, MS1 3.2/4, ms1mx2.7/4, Error ellipse: s-maj=42.4km, s-min=22.8km, az=45.0. ISC 02 19:44:24.2, 1.2, 12:38N, 0:07:88:87W, h11km, 12km, n35, e118/40, mb3.8/4, MS3.1/4, Off coast of central America.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like LCY, VSM, LFRS, PAVA, LEND, COLS, SNET, LBRS, OPAN, LFU, UUES, BOQS, SBL, SNJE, RTR, MTO3, CNNG, COPN, MOMP, ESTN, MGAN, MATN, APG, JTS, CMIG, TXAR, SJG, TKL, NVAR, FRB, YKA, NORSA, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like EUNU, TULEG, RES, KULLO, CB31, SUMG, DHRM, INK, SPITS, YKA, ILAR, BORG, SCHG, ULM, SADO, NVAR, ZALV, BVAR, SONM, MKAR, TXAR, KSR5, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like MAN 02 20:08:20.7, BESP, MSLP, BUTP, OCLP, CNP, BUKP, GUMK, BATI, KSR5, FITZ, WRA, USRK, ASAR, ANAR, STKA, PETK, MKAR, KURBB, BVAR, ILAR, ARCS, FINES, Vnda, HFS, TORD, PLCA, ISK, ISCJB, THE, ATH, DDA, etc.

BGU	comp=Z,7.0nm,1.3s	44.23	77	eP	P	21 40 27.3 +1.5
TPNV	Topopah Spring	44.62	84	eP	P	21 40 29.8 +0.9
TPNV	Topopah Spring	44.62	84	eP	Pmax	21 40 29.8 +0.9
TPNV	comp=Z,12nm,1.1s					
TPNV	Topopah Spring	44.62	84	eP	P	21 40 29.5 +0.5
DUG	Dugway, Toeole	44.79	78	eP	P	21 40 31.9 +1.7
DUG	Dugway, Toeole	44.79	78	eP	Pmax	21 40 31.9 +1.7
DUG	comp=Z,11nm,1.1s					
DUG	Dugway, Toeole	44.79	78	eP	P	21 40 30.4 +0.1
PSUT	Pine Spring	45.14	81	eP	P	21 40 34.5 +1.4
BW06	Boulder Array	45.28	73	eP	P	21 40 34.1 0.0
BW06	Boulder Array	45.28	73	eP	P	21 40 34.2 0.0
PD31	Pinedale Array	45.28	73	eP	P	21 40 34.6 +0.5
PDAR	Pinedale Array	45.28	73	eP	P	21 40 34.5 +0.3
PDAR	comp=Z,3.4nm,0.6s,baz=297,slow=4.3,SNR=26					
PDAR	comp=Z,83nm,19.9s,baz=311,slow=5				LR	21 58 58.7
PDAR	Pinedale Array	45.28	73	eP	P	21 40 34.3 +0.1
JLU	Jordanelle	45.39	77	eP	P	21 40 36.6 +1.6
NLU	North Lily Min	45.39	78	eP	P	21 40 36.0 +0.9
MTPU	Mount Pierson	46.48	80	eP	P	21 40 45.0 +1.1
PFO	Pinyon Flats O	46.62	88	eP	P	21 40 45.8 +1.1
PFO	Pinyon Flats O	46.62	88	eP	Pmax	21 40 45.8 +1.1
P18A	Preston Nutter	46.71	77	eP	P	21 40 47.3 +1.7
K22A	Casper	47.17	71	eP	P	21 40 47.8 -1.1
RWWY	Rawlins	47.33	73	eP	P	21 40 51.3 +1.0
U15A	North Rim	47.42	82	eP	P	21 40 52.9 +1.8
ULN	Ulaanbaatar	47.43	297	eP	P	21 40 50.8 -0.1
ULN	Ulaanbaatar	47.43	297	eP	Pmax	21 40 50.8 -0.1
O20A	White River Ci	47.63	75	eP	P	21 40 53.1 +0.5
O20A	White River Ci	47.63	75	eP	P	21 40 53.1 +0.5
RSSD	Black Hills	47.79	68	eP	P	21 40 53.5 -0.2
SONAT	Songino Array	47.80	298	eP	P	21 40 53.6 -0.2
SONM	Songino Array	47.82	298	eP	P	21 40 53.9 0.0
SONM	comp=Z,4.0nm,0.7s,baz=52,slow=8.7,SNR=27				LR	22 03 35.6
ZAK	Zakamensk	48.10	302	eP	Pmax	21 40 56.3 +0.3
ZAK	comp=Z,4.0nm,1.1s					
MDND	Madlock	48.19	62	eP	P	21 40 58.2 +1.6
MDND	Madlock	48.19	62	eP	P	21 40 58.5 -0.1
PV23	Carpenter Ridg	48.19	77	eP	P	21 40 58.5 +1.5
PV14	Lion Creek, Pa	48.23	78	eP	P	21 40 59.0 +1.7
PV22	Blue Mesa, Par	48.28	77	eP	P	21 40 58.9 +1.2
PV19	Morning Glory	48.30	78	eP	P	21 40 58.9 +1.1
PV17	East Wray Mesa	48.33	78	eP	P	21 40 58.5 +0.4
PV16	Nyswonger Mesa	48.34	78	eP	P	21 40 59.2 +1.1
PV11	David Mesa, Pa	48.37	78	eP	P	21 40 59.1 +0.7
PV18	Skein Mesa, Pa	48.38	78	eP	P	21 40 59.5 +1.1
PV12	Saucer Basin	48.40	77	eP	P	21 41 00.5 +1.9
PV03	Paradox Valley	48.41	78	eP	P	21 40 59.3 +0.6
PV13	Radium Mtn., P	48.49	78	eP	P	21 41 00.2 +0.8
PV02	Paradox Valley	48.51	78	eP	P	21 41 00.3 +0.8
N23A	Red Feather La	48.57	73	eP	P	21 41 01.4 +1.5
N23A	Red Feather La	48.57	73	eP	P	21 40 59.6 -0.3
WUAZ	Wupatki	48.58	82	eP	P	21 40 59.9 0.0
PV01	Paradox Valley	48.66	78	eP	P	21 41 01.3 +0.7
ULM	Lac du Bonnet	48.66	57	eP	P	21 41 01.1 -0.5
ULM	Lac du Bonnet	48.66	57	eP	P	21 41 01.5 -0.2
ULM	comp=Z,2.8nm,1.8s				Pmax	21 41 01.5 -0.2
HHC	Hu-ho-hao-te	48.89	287	eP	Pmax	21 41 03.7 +1.5
HHC	comp=Z,19nm,1.0s				Pmax	
HHC	comp=Z,98nm,4.4s				LR	
HHC	comp=Z,230nm,13.8s				LR	
HHC	comp=Z,180nm,13.8s				LR	
SMCO	Snowmass	48.99	75	eP	P	21 41 04.1 +0.8
MVCO	Mesa Verde	49.28	78	eP	P	21 41 05.6 +0.2
ISCO	Idaho Springs	49.44	74	eP	P	21 41 06.3 -0.3
A33A	Warroad	49.87	59	eP	P	21 41 08.9 -0.5
BTO	Baotou	49.97	288	eP	P	21 41 09.9 -0.5
S22A	4UR Ranch, Cre	49.98	77	eP	P	21 41 10.1 -0.6
NJ2	Nanjing	49.99	273	eP	Pmax	21 41 12.1 +1.6
214A	comp=Z,5.0nm,0.5s				Pmax	21 41 10.6 -0.2
SPITS	Spitsbergen Ar	50.74	356	LR	LR	22 02 07.5
SDCO	Great Sand Dun	50.79	76	eP	P	21 41 18.0 +1.1
SDCO	Great Sand Dun	50.79	76	eP	P	21 41 16.9 0.0
TUC	Tucson	51.05	85	eP	P	21 41 19.0 +0.4
KSCO	Kaye Shedlock'	51.73	73	eP	P	21 41 24.9 +1.2
KSCO	Kaye Shedlock'	51.73	73	eP	P	21 41 23.6 -0.1
T25A	Trinidad	51.84	76	eP	P	21 41 25.8 +1.1
T25A	Trinidad	51.84	76	eP	P	21 41 24.6 -0.1
ANMO	Albuquerque	52.01	79	iP	Pmax	21 41 19.7 -6.2
ANMO	Albuquerque	52.01	79	eP	P	21 41 25.5 -0.4
ECSD	EROS Data Cent	52.31	65	eP	P	21 41 27.8 -0.1
ECSD	EROS Data Cent	52.31	65	eP	P	21 41 27.1 -0.7
EYMM	Ely	52.55	58	eP	P	21 41 29.1 -0.4
H35A	Sunnyside Ranc	52.72	63	eP	P	21 41 30.4 -0.4
H36A	Jesseland, He	53.30	62	eP	P	21 41 35.2 +0.1
E38A	The Farm, Brul	53.54	59	eP	P	21 41 35.3 0.0

F38A	Pierce - Schro	53.57	60	P	P	21 41 36.8 -0.2
I37A	Lemond, Waseca	53.95	62	P	P	21 41 39.2 -0.6
E39A	Mellen	54.02	59	P	P	21 41 39.8 -0.5
G38A	Ridgeland	54.08	60	P	P	21 41 40.6 -0.1
F39A	Loretta	54.12	59	P	P	21 41 41.7 +0.7
H38A	Malden Rock	54.15	61	P	P	21 41 41.5 +0.2
K36A	Gilmore City	54.23	64	P	P	21 41 41.5 -0.4
J37A	Redenius Farm,	54.31	63	P	P	21 41 41.3 -1.2
E40A	Wakefield	54.33	58	P	P	21 41 41.3 -1.3
G39A	Holcombe	54.38	60	P	P	21 41 42.7 -0.2
F40A	Park Falls	54.54	59	P	P	21 41 43.0 -1.2
D41A	Chassel	54.65	57	eP	P	21 41 45.9 +1.0
D41A	Chassel	54.65	57	eP	P	21 41 45.0 +0.2
H39A	Augusta	54.70	61	P	P	21 41 45.2 -0.1
E41A	Kenton	54.82	58	P	P	21 41 46.3 +0.1
MNTX	Cornudas Mount	54.84	82	eP	P	21 41 46.9 +0.3
MNTX	Cornudas Mount	54.84	82	eP	P	21 41 46.5 0.0
XAN	Xi'an	54.86	282	P	P	21 41 46.7 +0.1
XAN	XAN			pP	pP	21 41 59.3 +0.6
XAN	XAN			pP	pP	21 42 04.8 +1.3
XAN	XAN			S	S	21 43 45.8 -3.7
XAN	XAN			sS	sS	21 49 18.2 -6.6
XAN	XAN			ScS	ScS	21 49 39.8 +1.0
XAN	XAN			Pmax	Pmax	21 51 29.0 -3.3
XAN	comp=Z,4.0nm,0.9s			Pmax	Pmax	
XAN	comp=Z,100nm,7.9s			LR	LR	
XAN	comp=Z,150nm,18.7s			LR	LR	
XAN	comp=Z,170nm,16.5s			LR	LR	
MSTX	Muleshoe	54.93	78	eP	P	21 41 48.0 +0.8
MSTX	Muleshoe	54.93	78	eP	P	21 41 46.0 -1.2
ZALV	Zalesovo Beam	55.07	314	PcP	PcP	21 42 48.6 -0.2
ZALV	comp=Z,2.6nm,0.6s,baz=53,slow=3.3,SNR=7.2			LR	LR	22 08 29.9
I39A	Houston	55.09	62	P	P	21 41 48.0 -0.1
F41A	Three Lakes	55.21	58	eP	P	21 41 48.4 -0.6
F41A	Three Lakes	55.21	58	eP	P	21 41 47.9 -1.1
KSU1	Kansas State U	55.26	69	eP	P	21 41 49.6 +0.2
J39A	Decorah	55.33	62	P	P	21 41 49.6 -0.3
E42A	Champion	55.40	57	P	P	21 41 49.0 -1.3
N37A	Lee Faris, Mou	55.58	66	eP	P	21 41 52.3 +0.6
N37A	Lee Faris, Mou	55.58	66	eP	P	21 41 51.8 +0.1
K39A	Oeiwein	55.63	63	P	P	21 41 51.3 -0.8
G42A	Mountain	55.89	59	P	P	21 41 54.2 +0.3
E43A	Long Tree Farm	55.92	57	eP	P	21 41 54.4 +0.4
E43A	Lone Tree Farm	55.92	57	P	P	21 41 52.9 -1.1
L39A	Vinton	55.95	63	P	P	21 41 53.4 -0.9
O37A	Wolfen Farm, M	56.00	66	P	P	21 41 53.4 -1.3
M39A	Webster	56.27	64	P	P	21 41 55.9 -0.7
N39A	Derby Farms, D	56.48	65	P	P	21 41 57.9 -0.2
I42A	Draeger Farm,	56.51	60	eP	P	21 41 58.7 +0.4
I42A	Draeger Farm,	56.51	60	eP	P	21 41 58.3 0.0
K41A	Shullsburg	56.58	62	P	P	21 41 58.6 -0.3
LZH	Lanzhou	56.58	288	eP	P	21 42 01.0 +1.9
LZH	LZH			pP	pP	21 42 14.2 -1.9
LZH	LZH			ePP	ePP	21 44 08.3 +3.3
LZH	comp=Z,23nm,1.3s			Pmax	Pmax	
LZH	comp=Z,92nm,5.2s			LR	LR	
LZH	comp=Z,400nm,15.2s			LR	LR	
LZH	comp=Z,390nm,15.6s			LR	LR	
DGZ	comp=Z,510nm,18.5s					
DGZ	Jazzator, Alta	56.63	309	iP	Pmax	21 41 58.4 -0.8
P38A	Dawn	56.71	67	P	P	21 41 59.3 -0.5
GTA	Gaotai	56.76	293	iP	P	21 42 00.1 -0.2
GTA	GTA			pP	pP	21 42 13.2 +0.9
GTA	GTA			sP	sP	21 42 18.6 +1.4
GTA	GTA			S	S	21 49 49.9 -0.2
GTA	comp=Z,6.0nm,0.8s			Pmax	Pmax	
GTA	comp=Z,110nm,6.5s			LR	LR	
GTA	comp=Z,320nm,16.8s			LR	LR	
GTA	comp=Z,580nm,18.7s			LR	LR	
L41A	Preston	56.82	63	P	P	21 42 00.3 -0.2
WMOK	Wichita Mounta	56.86	74	eP	P	21 42 01.9 +1.0
WMOK	Wichita Mounta	56.86	74	eP	Pmax	21 42 01.9 +1.0
WMOK	comp=Z,8.0nm,1.3s					
WMOK	Wichita Mounta	56.86	74	eP	P	21 42 00.6 -0.3
LPIG	La Paz	57.06	92	LR	LR	22 00 49.6
P39B	Salisbury	57.25	66	P	P	21 42 02.7 -0.9
O40A	La Belle	57.34	65	P	P	21 42 04.0 -0.2
Q39A	Willow Grove F	57.42	67	P	P	21 42 03.9 -0.9
R38A	Fenwick Farm,	57.45	68	P	P	21 42 03.4 -1.6
TX31	Lajitas Arr. Si	57.54	82	eP	P	21 42 05.9 0.0
TXAR	Lajitas Array	57.54	82	eP	P	21 42 06.0 +0.1
TXAR	comp=Z,0.6nm,0.6s,baz=302,slow=4.4,SNR=7.0				LR	22 04 18.1
P40A	Paris	57.63	66	eP	P	21 42 05.8 -0.5
P40A	Paris	57.63	66	eP	P	21 42 05.4 -0.9
ABTX	Abilene, Hawle	57.77	77	eP	P	21 42 08.0 +0.7
ABTX	Abilene, Hawle	57.77	77	eP	P	21 42 07.3 -0.1
S38A	Stockton	57.82	69	P	P	21 42 06.5 -1.2
O41A	Passleys Farm,	57.91	65	P	P	21 42 08.0 -0.2
Q40A	Laux Farm, Aux	57.98	66	P	P	21 42 08.4 -0.3
T38A	Diamond	58.00	69	P	P	21 42 08.5 -0.4

P41A	Barry, Barry	58.10	65	P	P	21 42 08.9 -0.7
R40A	Maddies Statio	58.34	67	eP	P	21 42 10.6 -0.7
R40A	Maddies Statio	58.34	67	eP	P	21 42 10.4 -0.8
MATO	Matagami	58.36	49	P	P	21 42 10.4 -0.8
Q41A	Truxton	58.49	66	P	P	21 42 11.3 -1.0
T39A	Cleaver	58.54	69	P	P	21 42 11.6 -1.1
ARCES	ARS5 Array B	58.57	351	P	P	21 42 11.5 -0.9
R41A	Rosebud	58.85	66	P	P	21 42 14.4 -0.4
Q42A	Golden Eagle	58.92	65	P	P	21 42 14.8 -0.5
T40A	Mansfield	58.96	68	P	P	21 42 14.5 -1.1
P43A</						

2d 21h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Q7A Bedord North L, PEMA Pembroke, ACTO Acton, etc.

2012 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like V50A Pikeville, MCWV Mont Chateau, U51A La Follette, etc.

130

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KK31 Karatay Array, KKAR Karatay Array, KSH Kashi, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
GERES	comp-Z,1.1nm,0.8s,baz=28,slow=6.0,SNR=9.5				22 22	11.5	
GERES	comp-Z,2.28nm,20.3s,baz=19,slow=36				21 44	25.0 -0.5	
GERES	GERESS Array B 80.03 353 P						
GERES	comp-Z,1.0nm,0.8s						
GERES	comp-Z,2.28nm,20.3s						
GEAD	GERESS Array S 80.04 353 eP				21 44	25.7 +0.2	
GIRR	80.27 344 i/P				21 44	27.3 +0.7	
BIZ	80.35 344 i/P				21 44	28.0 +0.9	
LEOM	80.42 343 i/P				21 44	28.7 +1.3	
ARCR	80.50 345 i/P				21 44	28.0 +0.1	
TESR	80.67 344 i/P				21 44	29.0 +0.2	
TBLG	Delisi 80.67 330 eP				21 44	29.7 +0.8	
TBLG	Delisi 80.67 330 eP				21 44	29.7 +0.8	
CDF	comp-Z,2.3nm,0.8s						
CDF	Champ du Feu 80.81 357 eP				21 44	29.6 -0.1	
DRGR	comp-Z,1.3nm,1.6s						
OZUR	81.04 346 i/P				21 44	30.3 -0.6	
HAU	81.22 344 i/P				21 44	31.1 +1.3	
HAU	Haudompre 81.24 356 eP				21 44	31.9 0.0	
VRI	comp-Z,1.1nm,1.3s						
VRI	Vrincioaia 81.28 344 i/P				21 44	32.7 +0.6	
PLOR	81.31 344 i/P				21 44	33.2 +0.9	
PLOR	Plostina 81.31 344 P				21 44	33.2 +0.9	
ODBI	81.32 343 i/P				21 44	33.6 +1.3	
PETR	81.33 343 i/P				21 44	33.4 +1.1	
AKH	81.36 330 i/P				21 44	34.0 +1.2	
HINF	81.42 357 eP				21 44	32.6 -0.2	
HINF	Hinteralfeld 81.42 357 eP				21 44	32.6 -0.2	
TLCR	comp-Z,1.5nm,1.8s						
WATA	Walderalm 81.55 342 i/P				21 44	34.0 +0.6	
WATA	81.68 354 eP				21 44	33.5 -0.8	
CFR	comp-Z,3.6nm,1.0s						
CFR	Carcacu 81.69 342 i/P				21 44	34.4 +0.2	
CFR	Carcului 81.69 342 eP				21 44	34.3 +0.1	
MOTA	Moosalm 81.70 354 ePcP				21 44	35.9 +1.5	
MLR	comp-Z,7.2nm,1.4s						
MLR	Muntele Rosu 81.78 344 P				21 44	36.2 +1.2	
MLR	comp-Z,6.3nm,0.6s,baz=0.0,slow=1.0						
MLR	Muntele Rosu 81.78 344 i/P				21 44	36.1 +1.2	
MLR	Muntele Rosu 81.78 344 eP				21 44	36.4 +1.5	
MLR	Muntele Rosu 81.78 344 eP				21 44	36.4 +1.5	
MASB	comp-Z,4.4nm,1.7s						
MLR	Muntele Rosu 81.81 353 ePcP				21 44	35.4 +0.3	
KBA	comp-Z,1.2nm,0.9s						
KBA	Koelnbreinsper 81.89 345 i/P				21 44	37.1 +1.2	
VOIR	81.89 345 P				21 44	37.1 +1.2	
FETA	Feichten 82.05 355 ePcP				21 44	37.3 +1.0	
SOKA	comp-Z,4.2nm,1.1s						
SOKA	Sothob 82.07 352 ePcP				21 44	37.0 +0.7	
GNI	comp-Z,8.9nm,1.0s						
GNI	Garni 82.10 329 LR				22 26	53.6	
ARR	comp-Z,1.79nm,18.7s,baz=26,slow=40						
ARR	Arges 82.13 345 i/P				21 44	37.4 +0.8	
MTUR	82.19 344 i/P				21 44	37.9 +0.8	
HARR	Harsova 82.19 342 i/P				21 44	37.7 -0.2	
ABTA	Abfaltersbach 82.20 353 ePcP				21 44	37.7 +0.7	
SSF	comp-Z,6.8nm,1.3s						
SSF	Saint Saulge 82.23 360 eP				21 44	37.3 +0.3	
TLB	comp-Z,1.2nm,1.2s						
TLB	Topalu 82.27 342 i/P				21 44	38.0 -0.3	
OBKA	Obir 82.28 352 ePcP				21 44	38.2 +0.7	
TIRR	comp-Z,3.0nm,0.7s						
TIRR	Tirgusior 82.32 342 i/P				21 44	38.1 +0.5	
BZS	Buzias 82.35 347 i/P				21 44	38.0 +0.3	
AVF	Avril sur Loir 82.50 360 eP				21 44	36.1 -2.3	
AVF	82.50 360 eP				21 44	36.1 -2.3	
WRA	comp-Z,9.9nm,0.7s,baz=35,slow=5.5,SNR=6.9						
WRA	Warramunga Arr 82.63 225 P				21 44	37.6 -1.7	
WRA	Warramunga Arr 82.63 225 i/P				21 44	38.5 -0.8	
SMF	comp-Z,1.0nm,0.7s						
SMF	Signal de Mont 82.64 359 eP				21 44	30.4 -8.8	
HUMR	comp-Z,1.4nm,1.3s						
HUMR	Humele 82.88 344 i/P				21 44	40.4 -0.1	
HEHR	82.95 346 i/P				21 44	41.0 +0.2	
TCF	Toux Ste Croi 83.00 1 eP				21 44	41.2 +0.1	
TCF	83.00 1 eP				21 44	41.2 +0.1	
MDVR	comp-Z,3.0nm,2.0s						
MDVR	Moldovita 83.15 347 i/P				21 44	41.8 -0.1	
ZIMR	83.36 344 i/P				21 44	43.4 -0.2	
RJF	Les Rejaudoux 83.98 1 eP				21 44	47.5 +1.4	
RJF	83.98 1 eP				21 44	47.5 +1.4	
DIVS	comp-Z,1.6nm,1.3s						
DIVS	Divibare 84.06 348 eP				21 44	45.2 -1.4	
DIVS	Divibare 84.06 348 i/P				21 44	46.0 -0.7	
PSI	Prapat 84.14 267 P				21 44	48.2 +0.7	
HAPS	comp-Z,6.0nm,0.8s,baz=181,slow=2.8,SNR=4.4						
HAPS	Han Pijesak,BI 84.20 349 eP				21 44	47.1 -0.3	
CAF	Calviac 84.36 1 eP				21 44	48.7 +0.6	
CAF	84.36 1 eP				21 44	48.7 +0.6	
BBLs	comp-Z,2.26nm,1.5s						
BBLs	Lazi#263;i 84.36 348 i/P				21 44	47.6 -0.6	
VTS	Vitosha 85.06 345 i/P				21 44	51.4 -0.4	
VTS	Vitosha 85.06 345 eP				21 44	51.6 -0.2	
VTS	comp-Z,7.2nm,0.9s						
VTS	Vitosha 85.06 345 eP				21 44	51.6 -0.2	
UPM	comp-Z,7.0nm,0.9s						
FITZ	Unac-Piva 85.08 348 eP				21 44	50.9 -1.1	
FITZ	Fitzroy Crossi 85.22 234 P				21 44	52.0 +0.3	
BRY	comp-Z,2.2nm,0.8s,baz=90,slow=4.0,SNR=4.2						
BRY	Bratogost 85.42 349 eP				21 44	52.7 -0.9	
STON	85.55 349 eP				21 44	52.7 -1.3	
TREB	Trebinje 85.63 349 eP				21 44	52.8 -1.7	
BR13	85.69 337 eP				21 44	55.0 +0.1	
BRTR	Keeskin Array B 85.68 337 P				21 44	55.0 +0.1	
BRTR	Keeskin Array B 85.68 337 P				21 44	55.0 +0.1	
PDG	comp-Z,9.2nm,0.8s,baz=51,slow=2.4,SNR=38						
PDG	Podgorica 85.80 348 i/P				21 44	54.9 -0.3	
PDG	Podgorica 85.80 348 eP				21 44	54.5 -0.8	
TTG	comp-Z,2.1nm,0.8s						
TTG	Podgorica 85.80 348 eP				21 44	55.0 -0.3	
TTG	Podgorica 85.80 348 eP				21 44	55.0 -0.3	
HCY	comp-Z,2.1nm,0.8s						
HCY	Herczeg Novi 85.88 349 eP				21 44	54.1 -1.6	
DRME	Dracevica, Mon 86.05 348 eP				21 44	55.8 -0.7	
ASAR	Alice Springs 86.08 224 P				21 44	56.1 -0.6	
AQU	comp-Z,0.7nm,0.6s,baz=26,slow=5.9,SNR=8.2						
AQU	L'Aquila 86.50 352 eP				21 44	59.0 +0.2	
AQU	comp-Z,1.0nm,0.8s						
AQU	L'Aquila 86.50 352 eP				21 44	59.0 +0.2	
AQU	comp-Z,1.0nm,0.8s						
AQU	L'Aquila 86.50 352 eP				21 44	59.2 +0.4	
FNA	comp-Z,8.1nm,0.9s						
FNA	Florina 87.11 346 eP				21 45	02.1 +0.3	
FNA	Florina 87.11 346 eP				21 45	02.1 +0.3	
MATE	comp-Z,8.0nm,0.9s						
MATE	Mater 87.86 350 i/P				21 45	06.0 +0.7	
IGT	Igoumenitsa 88.49 347 P				21 45	08.8 +0.4	
EST9	SONSECA Array 89.38 5 eP				21 45	12.2 -0.5	
VAE	Sonsecsa Array 89.41 5 P				21 45	11.8 -1.0	
MMAI	comp-Z,2.1nm,0.8s,baz=103,slow=4.6,SNR=8.2						
MMAI	Mount Meron Ar 91.54 333 LR				22 29	49.7	
MDT	comp-Z,3.7nm,18.6s,baz=70,slow=38						
MDT	Mideti 96.18 6 LR				22 30	30.0	
RPN	comp-Z,2.4nm,19.1s,baz=356,slow=36						
RPN	Rapa Nui 97.92 124 LR				22 23	15.3	
TSUM	comp-Z,4.7nm,18.2s,baz=230,slow=31						
TSUM	Tsumeb 146.17 335 PKPbc				21 51	56.2 -0.2	
BOSA	comp-Z,3.3nm,0.7s,baz=52,slow=8.5,SNR=8.6						
BOSA	Boshof 152.02 315 PKPbc				21 52	09.4 -1.7	
BOSA	152.02 315 PKPbc				21 52	09.4 -1.7	
BOSA	comp-Z,2.4nm,0.6s,baz=9.5,slow=3.1,SNR=6.3						

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
TAP	02 21:40:08.0, 22:32N, 121:16E, h19km, ML3.6 B						
JMA	02 21:40:10.4, 0.4, 0.3, 22:61N, 121:38E, h11km, ML3.6 B						
ISC	02 21:40:07.7, 1.7, 22:32N, 121:20E, 0.02, h19km, M3.6						
n98,	e09F/139, 7C-9D, Taiwan region						
TAW	Tawu 0.28 277 i/P				21 40	14.0 -0.2	
TAW	baz=279						
TAW	0.28 277 i/P				21 40	18.1 -0.4	
EAST	Anshuo 0.33 280 i/P				21 40	14.7 -0.4	
EAST	baz=291						
EAST	Taimali 0.35 320 i/P				21 40	15.3 -0.3	
EAST	baz=318						
ECL	baz=318						
LAY	Lan-yu 0.43 131 i/P				21 40	16.9 0.0	
LAY	baz=115						
TTN	Taitung 0.43 353 eP				21 40	18.2 -0.8	
TTN	baz=342						
TTN	0.43 353 eP				21 40	25.6 -0.7	
TWGBT	Beinan 0.50 347 P				21 40	17.8 -0.2</	

Table with columns: LAKA, comp, Kalavryta, Ach, 0.41 154, P, Pg, 21 42 58.5 -0.4, 21 43 04.8 +0.5, 21 43 07.1

MAN 02 22:04:55.0, 7.85N, 127.35E, h7km, mb4.7, ML3.6, MS3.5, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MATI, Butuan, Musuan, Don Marcelino

NIED 02 22:17:00, 36.70N, 140.90E, h50km, Mw3.6 Best double couple: M2=87000x10^14 NP1=230.00000, 328.00000, 1.28.00000, NP2=8.00000, 868.00000, 1.72.00000, JMA Feil J1, 3.67:34N, 140.93E, h50km, Mw3.8

IDC 02 22:17:31.6, 3.1, 36.54N, 141.07E, h50km, 29km, mb3.4/5, mb1 3.7/8, mb1mx3.2/80, mbtm3.9/8, ML3.6/2, Error ellipse: s-maj=26.9km s-min=11.3km az=57.0

ISC 02 22:17:26.4, 2.1, 36.61N, 141.06E, 0.06, h17km, 12km, n23, e204/29, mb3.6/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JHO, Hitachi, Hitachinakyam, Iwakimizuishi, Fukushimafurud, Kawauchi, Yasato, Otama, Ashikaga, Matsushiro Arr, Matsushiro, Hachiojima, Hachiojima 2, Songino, WAKE ISLAND Hy 28.19, WAKE ISLAND Hy 28.19, WAKE ISLAND Hy 28.20, WAKE ISLAND Hy 28.12, WAKE ISLAND Hy 28.87, WAKE ISLAND Hy 28.89, Zalesovo Beam, Kurbb, Eielson Array, Waramung Arr

ISCJB 02 22:22:00, 7.2, 8, 10.95N, 0.04, 126.82E, 0.05, h14km, 17km, mb4.3/19, Error ellipse: s-maj=8.6km s-min=6.7km az=159.8

IDC 02 22:22:00.5, 1.0, 11.03N, 126.98E, h0km, mb3.9/10, mb1 4.0/10, mb1mx3.7/64, mbtm3.9/10, MS2.7/2, Mb1 2.7/2, ms1mx2.4/61, Error ellipse: s-maj=9.1.1km s-min=14.9km az=70.0

MAN 02 22:22:03.5, 11.01N, 126.72E, h31km, mb4.5, ML3.4, MS3.2

NEIC 02 22:22:05.8, 0.4, 10.90N, 126.73E, h35km, mb4.4/10, Error ellipse: s-maj=19.3km s-min=6.7km az=75.0

ISC 02 22:22:06.1, 2.1, 10.99N, 0.06, 126.7E, 0.2, h40km, 13km, n37, r141/43, mb4.1/19, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, BESP, Borongan, Maasin, Butuan, Catarman, Musuan, Davao City (W), Luwuk, Kunigami, Soe, Cisi, MNAI, FITZ, WRA, WRA

Table with columns: AS31, Alice Springs, 35.16 168, eP, 22 28 54.9 -1.9, ASAR, Alice Springs, 35.16 168, ePcP, 22 28 54.9 -2.0, ASAR, Alice Springs, 35.16 168, ePcP, 22 28 54.9 -2.0

IDC 02 22:37:11.1, 0.6, 6, 10.95N, 126.66E, h0km, mb4.1/17, mb1 4.2/17, mb1mx4.0/65, mbtm4.1/17, MS3.7/16, Ms1 3.7/16, ms1mx3.4/65, Error ellipse: s-maj=29.2km s-min=12.9km az=75.0

ISCJB 02 22:37:14.8, 0.3, 11.00N, 0.04, 126.76E, 0.0, h37km, mb4.3/30, MS3.7/13, Error ellipse: s-maj=6.3km s-min=4.7km az=153.0

MAN 02 22:37:14.3, 11.09N, 126.63E, h10km, mb5.0, ML3.9, MS3.9

NEIC 02 22:37:16.4, 0.3, 10.97N, 126.76E, h35km, mb4.5/17, Error ellipse: s-maj=11.5km s-min=5.6km az=77.0

ISC 02 22:37:16.7, 0.5, 11.06N, 0.05, 126.70E, 0.07, h37km, n82, r141/77, mb4.4/30, MS3.7/13, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, BESP, Borongan, Maasin, Ormoc, Butuan, Catarman, Virac, Davao City (W), OTRP, Don Marcelino, WDJ, WDJ, Kunigami, Sibiu, GUMG, SGOI, BATI, JUNU, MTN, MANU, JHJ, LEM, KS15, KSAR, KSRS, KSRS, MAJO, MJAR, MJAR, CM31, CMAR, PSI, FITZ, FITZ, WRA, WRA, USRK, USRK, AS31, ASAR, ASAJ, SHLO, SNAO, SONM, BBOO, STKA, STKA, MK01, MK01, MK31, MK32, MKAR, MKAR, MKAR, MAK2, MAK2, MAK2, ZAAO, ZALV, ZALV

Table with columns: ZAA1, Zalesovo Array, 54.15 331, eP, 22 46 38.5 +0.4, KURK, Kurchatov, 55.66 325, eP, 22 46 49.9 +0.8, KURBB, Kurchatov Arra, 55.67 325, eP, 22 46 49.9 +0.8

IDC 02 22:55:13.6, 0.5, 10.85N, 126.56E, h0km, mb4.2/22, mb1 4.3/23, mb1mx4.2/65, mbtm4.2/23, ML3.8/11, MS3.7/11, Ms1 3.7/11, ms1mx3.3/61, Error ellipse: s-maj=25.1km s-min=10.7km az=78.0

MAN 02 22:55:14.7, 11.03N, 126.82E, h68km, mb5.4, ML4.4, MS4.7

BUI 02 22:55:14.1, 10.41N, 126.81E, h37km, mb4.6/40, mb4.9/27, Mb4.2/17, Ms7.4, 0.1

MOS 02 22:55:15.7, 1.1, 10.97N, 126.70E, h27km, mb4.8/25, Error ellipse: s-maj=12.0km s-min=6.3km az=120.7

ISCJB 02 22:55:16.9, 1.2, 10.87N, 0.02, 126.70E, 0.03, h33km, 8km, mb4.5/80, MS3.9/13, Error ellipse: s-maj=5.8km s-min=3.9km az=172.3

NEIC 02 22:55:18.9, 0.2, 10.84N, 126.62E, h35km, mb4.7/43, Error ellipse: s-maj=5.6km s-min=3.4km az=86.0

DJA 02 22:55:20.1, 0.7, 11.04N, 126.7E, h50km, 7km, M4.7/23, Mb5.2/10, mb4.8/23, Mw(mb)4.6/10

ISC 02 22:55:19.3, 0.9, 10.86N, 0.04, 126.69E, 0.06, h41km, 7km, n23, r166/237, mb4.6/80, MS3.8/13, 18C-20, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, BESP, Borongan, Maasin, Ormoc, Butuan, Catarman, Virac, GUMG, DMMP, Don Marcelino, WDJ, WDJ, Kunigami, Sibiu, BATI, JUNU, MTN, MANU, JHJ, LEM, KS15, KSAR, KSRS, KSRS, MAJO, MJAR, MJAR, CM31, CMAR, PSI, FITZ, FITZ, WRA, WRA, USRK, USRK, AS31, ASAR, ASAJ, SHLO, SNAO, SONM, BBOO, STKA, STKA, MK01, MK01, MK31, MK32, MKAR, MKAR, MAK2, MAK2, MAK2, ZAAO, ZALV, ZALV

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like NACB, YM03, TWY, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like WTCT, TPUB, TPUB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, etc. Includes stations like RAO, URZ, AFI, etc.

Ms 1 3.7/14, ms1mx3.4/50, Error ellipse: s-maj=26.5km s-min=22.2km az=19.0
ISC 02 23:00:44.0-0.6, 29:615-0.09, 175:96W:0.08, h28km, n43,
0:093/30, mb4.3/20, MS3.8/12, Kernadec Islands region

ISCJB 02 23:12:29.9-0.5, 10:77N:0:03:62:49W:0:04, h111km, 5km,
mb3.6/6, Error ellipse: s-maj=7.3km s-min=4.8km az=17.6
NEIC 02 23:12:30.7-0.0, 10:67N:62:54W, h99km, MD4.0, (TRN),
After TRN.

IDC 02 23:12:30.6-1.3, 10:82N:62:54W, h103km, 10km, mb3.2/5,
mb1 3.7/7, mb1mx3.3/56, mbtmp3.777, MS3.5/1, Ms1 3.6/1,
ms1mx2.5/36, Error ellipse: s-maj=21.0km s-min=9.0km
az=14.0

TRN 02 23:21:31.2, 10:72N:62:56W, h85km, MD4.0
ISC 02 23:12:29.8-0.8, 10:70N:0:04:62:54W:0.05, h102km, gkm,
n56, c1417/9, mb3.4/6, 1C-1D, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, etc. Includes stations like TRN, TRN, TRN, etc.

ISCJB 02 23:00:42.5-0.5, 29:70S:0:07:176:00W:0:07, h28km,
mb4.3/20, MS3.8/12, Error ellipse: s-maj=10.0km
s-min=8.2km az=169.3
NEIC 02 23:00:46.7-1.2, 29:65S:176:06W, h50km, 11km, mb4.4/14,
Error ellipse: s-maj=11.5km s-min=8.3km az=117.0
IDC 02 23:00:47.3-3.3, 29:67S:176:12W, h54km, 26km, mb3.9/6,
mb1 4.2/8, mb1mx3.8/50, mbtmp4.2/8, ML4.1/2, MS3.7/14,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Fort de France, Barber's Block, and various island stations.

ISCJB 02 23:31:34.6:0.5, 24.80N:0.02:122.15E:0.02, h72km, 4km, Error ellipse: s-maj=4.1km s-min=3.4km az=172.9

Main table for the first section, listing station codes, names, and coordinates. Includes stations like EGS, EOS1, TWC, and many others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiawan, ENLB, WHF, and various island stations.

UCR 02 23:38:21.0:0.6, 14.12N:90.97W, h87km, 11km, ML3.5 MEX 02 23:38:21.1:0.8, 13.76N:91.25W, h27km, 19km, MD3.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG, RTR, San Blas, and various island stations.

BJJ 02 23:47:05.6, 31.29N:103.52E, h20km, ML3.6/13, Ms3.6/2, Ms7.3/4/1, 1C, Sichuan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chengdu, Lanzhou, and various island stations.

ISC 02 23:47:37.8:7.1, 18.58S:175.91W, h0km, mb3.6/2, mb1.3/9/2, mb1mx3.4/5.3, mbmt3.6/2, Error ellipse: s-maj=326.6km s-min=62.2km az=145.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUTP, MSLP, BESP, and various island stations.

NEIC 02 23:57:57.1:0.0, 37.97N:117.11W, h10km, ML3.5(REN), After REN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NV11, BONR, GRAC, and various island stations.

3d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TIN, RYN, KVN, MTJN, RCGR, etc.

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

ICD 03 00:24:08.6:2.2, 11:14N:127:57E, h0km, mb3.7/7, mb1 3.7/7, mb1mx3.5/69, mbmtmp3.7/7, Error ellipse: s-maj=188.7km s-min=2.0km az=69.0

ISCJB 03 00:24:13.7:0.9, 11:17N:07:126:82E:0.06, h33km, mb3.7/4, Error ellipse: s-maj=9.8km s-min=9.1km az=22.1

MAN 03 00:24:17.1, 11:09N:126:46E, h11km, mb4.4, ML3.3, MS3.0

ISC 03 00:24:14.9:1.1, 11:07N:07:126:82E:0.1, h35km, n13, az=196/18, mb4.0/7, 2C, Philippine Islands region

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

2012 SEP

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

MAN 03 00:34:06.7, 18:57N:120:97E, h14km, mb4.1, ML2.9, MS2.6, 2C, Luzon

ISC 03 00:35:27.6:0.5, 11:00N:127:03E, h0km, mb4.2/28, mb1 4.3/28, mb1mx2.4/65, mbtmp4.2/28, MS3.1/6, Ms1 3.1/6, ms1mx2.8/64, Error ellipse: s-maj=21.4km s-min=10.9km az=79.0

ISCJB 03 00:35:30.9:0.3, 11:04N:03:126:91E:0.03, h33km, mb4.2/33, MS3.1/4, Error ellipse: s-maj=4.9km s-min=4.5km az=13.3

NEIC 03 00:35:32.7:0.2, 10:38N:127:07E, h35km, mb4.3/5, Error ellipse: s-maj=9.3km s-min=5.3km az=80.0

MAN 03 00:35:32.1, 11.08N:126:75E, h23km, mb5.0, ML4.0, MS4.0

ISC 03 00:35:33.0:0.4, 11:06N:04:126:90E:0.06, h35km, n63, az=192/17, mb4.2/33, MS3.1/4, 1C-2D, Philippine Islands region

MAN 03 00:35:32.1, 11.08N:126:75E, h23km, mb5.0, ML4.0, MS4.0

ISC 03 00:37:48.9:0.9, 60:43S:50:24W, h0km, mb4.0/8, mb1 4.0/8, mb1mx3.9/38, mbtmp4.0/8, MS3.3/5, Ms1 3.3/5, ms1mx3.0/35, Error ellipse: s-maj=32.5km s-min=21.6km az=71.0

ISCJB 03 00:37:49.3:0.7, 60:40S:1:50:2W:0.3, h10km, mb4.0/9, MS3.2/5, Error ellipse: s-maj=24.1km s-min=13.9km az=156.8

NEIC 03 00:37:50.4:0.6, 60:44S:50:28W, h10km, mb4.2/1, Error ellipse: s-maj=23.3km s-min=13.4km az=64.0

ISC 03 00:37:50.9:0.8, 60:40S:0:1:50:3W:0.2, h10km, n17, az=192/14, mb4.2/9, MS3.1/5, Source ID

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

136

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

ISC 03 00:37:48.9:0.9, 60:43S:50:24W, h0km, mb4.0/8, mb1 4.0/8, mb1mx3.9/38, mbtmp4.0/8, MS3.3/5, Ms1 3.3/5, ms1mx3.0/35, Error ellipse: s-maj=32.5km s-min=21.6km az=71.0

ISCJB 03 00:37:49.3:0.7, 60:40S:1:50:2W:0.3, h10km, mb4.0/9, MS3.2/5, Error ellipse: s-maj=24.1km s-min=13.9km az=156.8

NEIC 03 00:37:50.4:0.6, 60:44S:50:28W, h10km, mb4.2/1, Error ellipse: s-maj=23.3km s-min=13.4km az=64.0

ISC 03 00:37:50.9:0.8, 60:40S:0:1:50:3W:0.2, h10km, n17, az=192/14, mb4.2/9, MS3.1/5, Source ID

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

TAOE	Nuku Hiva Isla	94.82	98	eLR	LR	02 58 43.0			
VRAC	Vranov	94.87	322	eP	P	02 28 02.1 +0.3			
KRUC	Moravsky	95.08	322	eP	P	02 28 02.8 +0.1			
PVCC	Panska Ves	95.61	323	eAMS	AMS	02 30 20.0			
GOPC	GO Pecny, Ondr	95.72	323	eSKS	SKS	02 38 43.8 +4.1			
GOPC				eS	ScS	03 15 20.0			
GOPC				eAMS	AMS				
BRG	Berggiesshubel	95.83	324	eP	P	02 28 06.0 -0.1			
BRG				e		02 28 18.3			
BRG				e		02 28 06.0 -0.1			
BRG				e		02 28 18.3			
BRG				e		02 28 18.3			
D03D	Eldon	95.83	40	P	P	02 28 07.8 +1.6			
CONA	Conrad Observa	95.83	321	P	P	02 28 04.6 -1.7			
PRU	Pruhonice	95.84	323	eSKS	SKS	02 38 38.7 -1.6			
PRU				eS	PS	02 39 19.3 -2.7			
PRU				eAMS	AMS	03 18 30.0			
CLL	Colim	96.19	325	iP	P	02 28 07.0 -0.7			
CLL				iP	pP	02 28 18.9 +1.0			
CLL				e		02 31 31.0			
CLL				ePP		02 32 10.0			
CLL				ePPP		02 35 48.0			
CLL				eSKS	SKS	02 38 39.0 -3.1			
CLL				eS	S	02 39 25.0 0.0			
CLL				ePS	PS	02 40 40.0 -8.0			
CLL				eSS	SS	02 45 54.0 -2.4			
CLL				eSSS	SSS	02 49 42.0			
CLL				eLMH		03 13 00.0			
CLL				eLMH		03 13 00.0			
CLL				eLMV		03 16 00.0			
CLL	Colim	96.19	325	iP	P	02 28 07.0 -0.7			
CLL				i		02 28 18.9			
CLL				e		02 38 39.0			
CLL				eS	S	02 39 25.0 0.0			
CLL				eS	pmx	02 39 25.0 0.0			
CLL				eS	pmx	02 39 25.0 0.0			
CLL				eMLR	MLR				
CLL				eMLR	MLR				
ARSA	Arzberg	96.31	320	iP	P	02 28 06.3 -2.0			
SUMG	Summit	96.70	355	iP	P	02 28 10.0 -0.1			
SUMG	Summit	96.70	355	iP	P	02 28 10.0 -0.1			
SUMG	Summit	96.70	355	iP	P	02 28 10.0 -0.1			
SUMG	Summit	96.70	355	iP	P	02 28 10.0 -0.1			
KHC	Kasperske Hory	96.76	322	eP	P	02 28 08.4 -2.0			
KHC				eX	X	02 28 15.6			
KHC				eSKS	SKS	02 38 45.2 0.0			
KHC				eS	ScS	02 39 37.2 +6.7			
KHC				eAMS	AMS	03 19 40.0			
KHC	Kasperske Hory	96.76	322	eP	P	02 28 08.4 -2.0			
KHC				eMLR	MLR	02 38 45.2			
KHC				eMLR	MLR	02 38 45.2			
GERES	GERES Array B	96.80	322	P	P	02 28 09.9 -0.8			
SOKA	Soboth	96.83	320	eP	P	02 28 10.4 -0.5			
MOA	Molin	96.86	321	iP	P	02 28 10.4 -0.5			
NKC	Novy Kostel	96.96	324	eS	S	02 39 38.3 +6.5			
OBKA	Obir	97.21	320	eP	P	02 28 11.8 -0.8			
KBA	Koelnbreinsper	97.74	321	eP	pP	02 28 24.0 -1.2			
YBH	Yreka Blue Hor	98.24	45	LR	LR	03 04 59.9			
ABTA	Abfattersbach	98.39	321	eP	P	02 28 14.2 -3.7			
SYO	Syowa Base	98.45	2011	ePdiff	Pdiff	02 28 18.4 +1.0			
SYO	Syowa Base	98.45	2011	eX	X	02 28 25.3 +7.9			
WTTA	Wattenberg	98.72	321	Pdiff	P	02 28 17.1 -2.4			
WATA	Walderalm	98.72	321	Pdiff	P	02 28 17.2 -2.2			
MOTA	Moosalm	99.01	322	ePdiff	Pdiff	02 28 18.3 -2.4			
RETA	Reutte	99.16	322	ePdiff	Pdiff	02 28 19.7 -1.6			
NEW	Newport	99.19	37	Pdiff	P	02 28 21.8 +0.5			
NEW				LR	LR	03 08 42.5			
FETA	Feichten	99.38	321	Pdiff	Pdiff	02 28 22.0 -0.4			
DAVA	Damuels	99.78	322	Pdiff	Pdiff	02 28 23.5 -0.7			
DAVOX	Davos/Dischmat	100.01	321	Pdiff	Pdiff	02 28 24.5 -0.8			
DAVOX				LR	LR	03 16 44.4			
MEM	Membrach	100.43	326	Pdiff	Pdiff	02 28 26.4 -0.3			
WLF	Waldferand	100.83	325	Pdiff	Pdiff	02 28 27.9 -0.6			
BCLA	Clavier	100.92	321	Pdiff	Pdiff	02 28 25.6 -3.3			
MATP	Matopo	100.97	256	P	P	02 28 28.2 -1.7			
D0U	Dourbes	101.47	326	Pdiff	Pdiff	02 28 31.1 -0.3			
EKA	Eskdalemuir Ar	102.29	333	P	P	02 28 34.6 -0.3			
NVAR	Mina Array Bea	102.64	47	P	P	02 28 38.1 +0.9			
HL4D	Hailey	103.03	41	P	P	02 28 40.5 +1.7			
PDAR	Pinedale Array	106.51	40	PKKPab	PKKPab	02 44 38.7 -3.6			
MVCO	Mesa Verde	110.08	44	P	PKIKP	02 33 15.7 +3.6			
ANMO	Albuquerque	112.67	45	P	PKIKP	02 33 19.5 +2.5			
VM2A	Neumayer-Watz	113.10	195	PKIKP	PKIKP	02 33 16.1 -0.3			
VNA3	Neumayer Olymp	113.45	194	PKIKP	PKIKP	02 33 16.6 -0.4			
ECSD	EROS Data Cent	113.46	33	P	PKIKP	02 33 19.5 +1.5			
I37A	Lemond, Waseca	114.92	31	P	PKPfd	02 33 22.1 +1.4			
MNTX	Cornudas Mount	115.13	48	P	PKPfd	02 33 23.2 +1.8			
I38A	Scanlan Farm,	115.44	30	P	PKPfd	02 33 23.2 +1.5			
G40A	Rib Lake	115.54	28	P	PKPfd	02 33 23.3 +1.4			
F41A	Three Lakes	115.67	27	P	PKPfd	02 33 22.7 +0.6			
MDT	Midelt	116.68	315	PKP	PKPfd	02 33 24.5 -0.1			
L39A	Vinton	117.00	31	P	PKPfd	02 33 25.0 +0.2			
K40A	Colesburg	117.01	30	P	PKPfd	02 33 26.2 +1.5			
JFWS	Jewell Farm	117.29	30	P	PKPfd	02 33 26.1 +0.8			
M39A	Webster	117.38	32	P	PKPfd	02 33 26.7 +1.2			
L40A	Anamosa	117.44	31	P	PKPfd	02 33 26.5 +0.9			
TXAR	Lajitas Array	117.62	49	PKP	PKPfd	02 33 27.0 +0.5			
TXAR	Lajitas Array	117.62	49	PKIKP	PKPfd	02 33 27.0 +0.5			
N39A	Derby Farms, D	117.63	33	P	PKPfd	02 33 26.2 +0.2			
L42A	Oliver, Polo	118.26	30	P	PKPfd	02 33 27.8 +0.6			
Q38A	Cooks Store, C	118.37	35	P	PKPfd	02 33 27.5 0.0			
P39B	Gallsburg	118.48	34	P	PKPfd	02 33 28.3 +0.6			
L43A	Garden Prairie	118.57	29	P	PKPfd	02 33 28.3 +0.6			
R38A	Fenwick Farm,	118.74	36	P	PKPfd	02 33 28.4 +0.2			

P40A	Paris	118.84	33	P	PKPfd	02 33 29.8 +1.4			
S38A	Stockton	119.12	36	P	PKPfd	02 33 29.8 +0.8			
R39A	Chumby, Stover	119.15	35	P	PKPfd	02 33 29.8 +0.8			
T38A	Diamond	119.30	37	P	PKPfd	02 33 30.4 +1.1			
N43A	Stutzman Famil	119.30	30	P	PKPfd	02 33 30.9 +1.7			
S39A	Bolivar	119.42	36	P	PKPfd	02 33 29.9 +0.4			
R40A	Maddies Statio	119.60	35	P	PKPfd	02 33 29.9 0.0			
Q41A	Truxton	119.69	33	P	PKPfd	02 33 30.9 +0.8			
P42A	Winchester	119.71	32	P	PKPfd	02 33 30.7 +0.7			
JCT	Junction City	119.80	46	P	PKPfd	02 33 31.3 +0.8			
T39A	Cleaver	119.84	36	P	PKPfd	02 33 31.7 +1.3			
S40A	Lebanon	119.95	35	P	PKPfd	02 33 30.5 0.0			
R41A	Rosebud	120.08	34	P	PKPfd	02 33 31.3 +0.5			
Q42A	Golden Eagle	120.10	33	P	PKPfd	02 33 31.4 +0.6			
U99A	Green Forest	120.22	37	P	PKPfd	02 33 32.6 +1.4			
T40A	Mansfield	120.25	36	P	PKPfd	02 33 31.7 +0.5			
PEMO	Pembroke	120.30	19	P	PKPfd	02 33 31.9 +0.9			
CLWO	Collingwood	120.32	22	P	PKPfd	02 33 32.1 +1.0			
CCM	Cathedral Cave	120.33	34	P	PKPfd	02 33 32.9 +1.6			
S41A	Jilco Farms,	120.39	35	P	PKPfd	02 33 31.4 -0.1			
TORD	Torodi Ar. Bea	120.47	292	PKP	PKP	02 33 30.0 -2.1			
TORD				PKKbcb	PKKbcb	02 43 37.2 -0.7			
V39A	Pettigrew	120.49	37	P	PKPfd	02 33 31.9 +0.1			
Q43A	New Douglas	120.52	32	P	PKPfd	02 33 32.6 +0.9			
WHTX	Lake Whitney,	120.53	43	P	PKPfd	02 33 33.5 +1.7			
U40A	Yellville	120.61	36	P	PKPfd	02 33 32.5 +0.6			
BANO	Bancroft	120.66	20	P	PKPfd	02 33 33.1 +1.4			
L48A	W Adams	120.74	27	P	PKPfd	02 33 33.3 +1.4			
T41A	Mountain View	120.76	35	P	PKPfd	02 33 32.8 +0.6			
S42A	Caledonia	120.78	34	P	PKPfd	02 33 31.7 -0.5			
V40A	Witts Springs	121.00	37	P	PKPfd	02 33 33.0 +0.3			
ALFO	Alfred	121.08	17	P	PKPfd	02 33 34.0 +1.6			
X39A	Fountain Ranch	121.09	39	P	PKPfd	02 33 33.6 +0.7			
T42A	Van Buren	121.15	35	P	PKPfd	02 33 33.8 +0.9			
U41A	Viola	121.16	36	P	PKPfd	02 33 32.3 -0.6			
Q47A	Sheridan	121.30	29	P	PKPfd	02 33 34.4 +1.3			
R53A	Chapparral WMA,	121.31	48	P	PKPfd	02 33 35.3 +1.9			
Q45A	Warren Harvey,	121.36	31	P	PKPfd	02 33 34.3 +1.1			
MIAR	Mount Ida	121.40	39	ePKPfd	PKPfd	02 33 34.1 +0.7			
MIAR	Mount Ida	121.40	39	ePKIKP	PKPfd	02 33 34.1 +0.7			
MIAR	Mount Ida	121.40	39	P	PKPfd	02 33 34.7 +1.3			
U42A	Reverend	121.55	35	P	PKPfd	02 33 34.7 +1.0			
T43A	Greenville	121.56	34	P	PKPfd	02 33 34.0 +0.4			
R45A	Skyilar, Fairri	121.74	32	P	PKPfd	02 33 35.2 +1.2			
V42A	Cord	121.84	36	P	PKPfd	02 33 34.6 +0.3			
Q47A	Bedord North L	122.19	30	P	PKPfd	02 33 35.8 +0.8			
O49A	Covington	122.20	28	P	PKPfd	02 33 34.3 -0.5			
N50A	Nevada	122.26	26	P	PKPfd	02 33 35.5 +0.6			
P48A	Milroy	122.27	29	P	PKPfd	02 33 35.5 +0.5			
Y41A	Eagleette Beard	122.44	38	P	PKPfd	02 33 37.1 +1.7			
Q48A	North Vernon	122.54	30	P	PKPfd	02 33 36.5 +1.0			
O50A	Cable	122.56	27	P	PKPfd	02 33 36.4 +0.9			
R47A	Wooly Knot Far	122.64	31	P	PKPfd	02 33 36.2 +0.5			
ACSO	Alum Creek								

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

PDA 03 02:56:27.1.0.5, 39.51N, 29.85W, h10km, MD3.6, ML2.3, Error ellipse: s-maj=12.3km s-min=4.2km az=49.0, Azores Islands

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

IDC 03 02:57:15.9.2.1, 39.01N, 143.51E, h0km, mb3.5/4, mb1.3/7.6, mb1mx3.4/7.7, mbtmp3.6/6, ML3.8/2, MS4.2/1, Ms1.4/2.1, ms1mx2.7/6.1, Error ellipse: s-maj=51.9km s-min=27.7km az=65.0

ISCJBJ 03 02:57:22.3.1.5, 38.81N, 0.05:142.56E, 0.09, h21km, 8km, mb3.5/4, MS4.3/1, Error ellipse: s-maj=12.4km s-min=8.2km az=18.3

JMA 03 02:57:24.8.0.1, 38.85N, 142.43E, h32km, 2km, M3.3, ISC 03 02:57:23.5.3.3, 38.86N, 0.06:142.6E, 0.1, h29km, 20km, n17, r1969/22, mb3.6/4, Near east coast of eastern Honshu

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

ISCJBJ 03 03:03:41.6.0.2, 28.21N, 0.02:57.86E, 0.03, h10km, mb4.4/9.3, MS4.4/2, Error ellipse: s-maj=3.6km s-min=2.4km az=1.2

NEIC 03 03:03:41.9.0.0, 28.01N, 57.76E, h14km, mb4.4/28, ML4.7(THR), ML4.7(TEH), After THR

THR 03 03:03:41.9.0.3, 28.01N, 57.76E, h14km, 7km, ML4.7, IDC 03 03:03:41.0.0.5, 28.21N, 57.82E, h0km, mb4.1/3.1, mb1.4/2.36, mb1mx4.2/7.2, mbtmp4.1/3.6, ML4.2/4, MS3.6/2, Ms1.3.6/2, ms1mx2.9/7.4, Error ellipse: s-maj=12.0km s-min=11.8km az=89.0

TEH 03 03:03:42.4.2, 28.27N, 57.90E, h10km, ML4.6, MOS 03 03:03:42.8.1.7, 28.02N, 57.72E, h26km, mb4.6/59, Error ellipse: s-maj=6.2km s-min=4.4km az=109.0

DSN 03 03:03:44.6.1.2, 27.87N, 58.40E, h18km, ML5.2/9, Error ellipse: s-maj=34.3km s-min=9.9km az=141.0

OMAN 03 03:03:43.0.0.5, 28.06N, 57.65E, h18km, Error ellipse: s-maj=10.9km s-min=5.7km az=108.0

ISC 03 03:03:42.9.0.3, 28.20N, 0.03:57.83E, 0.03, h10km, n311, r209/332, mb4.4/9.8, 20C-1D, Southern Iran

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UMQ, CHBR, UOSS, etc.

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

3d 3h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KURBB, KURK, WMQ, VRI, etc.

2012 SEP

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ABTA, CD2, WTTA, CLL, etc.

144

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

Table with columns for station code, name, coordinates, and various data points. Includes stations like WBSI, TWSI, KMMI, SRBI, DNP, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like XAN, XAN, XAN, XAN, XAN, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like DMN, GKN, BBOO, NWAO, NWAO, etc.

Table with columns: KLR, SONGM, MKAR, ZALV, KURBB, BVAR, ARCES, BRTR. Includes station names, times, and coordinates.

IDC 03 04:17:06.3:1.8, 0.97N:126.67E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/56, mbtmp3.6/4, Error ellipse: s-maj=17.0km s-min=21.3km az=66.0

ISCJB 03 04:17:10.7:0.7, 0.78N:126.43E:0.06, h3km, mb3.5/4, Error ellipse: s-maj=10.6km s-min=7.6km az=37.5

DJA 03 04:17:11.4:0.9, 1.1N:3.31E:12.7E, h25km, 9km, MS3.7/9, MLV3.7/9

ISC 03 04:17:12.4:1.0, 0.78N:126.51E:0.07, h39km, n10, 0.84/12, mb3.5/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TMTI, TNTI, LBMI, etc.

IDC 03 04:20:19.7:0.5, 1.128N:126.60E, h0km, mb4.1/22, mb1 4.2/22, mb1mx4.1/61, mbtmp4.2/22, MS3.1/7, Ms1 3.1/7, ms1mx2.9/67, Error ellipse: s-maj=23.8km s-min=11.7km az=75.0

ISCJB 03 04:20:24.0:0.3, 1.133N:126.66E:0.04, h40km, mb4.4/43, MS3.0/4, Error ellipse: s-maj=6.0km s-min=4.0km az=8.3

NEIC 03 04:20:25.2:0.3, 1.126N:126.67E, h35km, mb4.7/15, Error ellipse: s-maj=7.6km s-min=1.1km az=79.0

MAN 03 04:20:26.4, 1.148N:126.40E, h15km, mb5.1, ML4.1, MS4.2

ISC 03 04:20:26.2:0.4, 1.135N:126.65E:0.07, h40km, n80, 0.137/78, mb4.4/43, MS3.0/4, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BESP, PLP, SCPH, etc.

IDC 03 04:33:08.1:1.6, 0.74S:126.68E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/59, mbtmp3.5/5, ML3.1/1, Error ellipse: s-maj=118.0km s-min=22.4km az=69.0, Southern Molucca Sea

IDC 03 04:42:28.9:1.6, 0.74S:126.68E, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.8/55, mbtmp4.2/5, MS3.6/1, Ms1 3.6/1, ms1mx2.7/55, Error ellipse: s-maj=184.0km s-min=127.6km az=133.0, Samoa Islands region

IDC 03 04:50:23.6:46.0, 16.10S:177.17W, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.5/57, mbtmp4.1/3, Error ellipse: s-maj=863.8km s-min=166.6km az=77.0, Fiji Islands region

IDC 03 04:53:23.5:0.7, 1.124N:126.73E, h0km, mb4.0/11, mb1 4.1/11, mb1mx3.7/68, mbtmp4.0/11, Error ellipse: s-maj=57.2km s-min=15.0km az=69.0

ISCJB 03 04:53:27.7:0.6, 1.127N:126.60E:0.05, h40km, mb3.9/11, Error ellipse: s-maj=7.7km s-min=6.2km az=5.2

MAN 03 04:53:30.8, 1.128N:126.36E, h23km, mb4.5, ML3.3, MS3.2

ISC 03 04:53:29.6:0.7, 1.131N:126.53E:0.09, h40km, n19, 0.126/23, mb4.1/11, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FITZ, WRA, WRM, etc.

IDC 03 04:54:57.0:2.6, 3.7S:129.58E, h0km, mb3.8/1, mb1 3.7/4, mb1mx3.4/53, mbtmp3.5/4, ML3.4/3, Error ellipse: s-maj=92.8km s-min=28.3km az=76.0, Banda Sea

NEIC 03 05:05.8:0.0, 19.61N:64.36W, h34km, MD3.5(RSPR), After RSPR

RSPR 03 05:05.8, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FITZ, WRA, WRM, etc.

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

Table with columns: GAT, HNR, SONM, SONGM, BBOO, STKA, WMQ, PETK, MK1, MK3, MKAR, MAKZ, NIL, ZALV, KURB, KK3, KKAR, BVAR, WSAR, ABKAR, AKTO, RAYN, ILAR, ARCES, BRTR, FINES, AKASO, VNSA, TXAR. Includes station names, times, and coordinates.

IDC 03 04:33:08.1:1.6, 0.74S:126.68E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/59, mbtmp3.5/5, ML3.1/1, Error ellipse: s-maj=118.0km s-min=22.4km az=69.0, Southern Molucca Sea

IDC 03 04:42:28.9:1.6, 0.74S:126.68E, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.8/55, mbtmp4.2/5, MS3.6/1, Ms1 3.6/1, ms1mx2.7/55, Error ellipse: s-maj=184.0km s-min=127.6km az=133.0, Samoa Islands region

IDC 03 04:50:23.6:46.0, 16.10S:177.17W, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.5/57, mbtmp4.1/3, Error ellipse: s-maj=863.8km s-min=166.6km az=77.0, Fiji Islands region

IDC 03 04:53:23.5:0.7, 1.124N:126.73E, h0km, mb4.0/11, mb1 4.1/11, mb1mx3.7/68, mbtmp4.0/11, Error ellipse: s-maj=57.2km s-min=15.0km az=69.0

ISCJB 03 04:53:27.7:0.6, 1.127N:126.60E:0.05, h40km, mb3.9/11, Error ellipse: s-maj=7.7km s-min=6.2km az=5.2

MAN 03 04:53:30.8, 1.128N:126.36E, h23km, mb4.5, ML3.3, MS3.2

ISC 03 04:53:29.6:0.7, 1.131N:126.53E:0.09, h40km, n19, 0.126/23, mb4.1/11, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FITZ, WRA, WRM, etc.

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

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IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

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IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-8D, Virgin Islands

IDC 03 05:05.8:0.0, 19.61N:64.36W, h34km, 18km, MD3.5/5, 2C-

NNC 03 05:58:55.1-4.3, 37.66N-71.24E, h0km, mb3.7, mpv3.4, 5C-5D, Error ellipse: s-maj=39.0km s-min=23.9km az=150.0, Afghanistan-Tajikistan border region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
SFK	Sufi-Kurgan	2.94	36	Op	ISC	05 59.44	+0.6
SFK	2.6m,0.2s			Op	ISC	06 00.22	+2.6
MNAS	Manas	4.92	11	Op	Pn	06 00.11	+0.8
MNAS	1.0m,0.3s			Op	Pn	06 01.09	+1.5
KK31	Kararat Array	5.47	354	Pn	Pn	06 00.19	+1.3
KK31	0.8m,0.3s,baz=177,slow=13,SNR=29			Op	Pn	06 01.23	+2.2
AAK	Ala-Archa	5.56	26	Op	Pn	06 00.18	-0.5
AAK	4.1m,0.4s			Op	Pn	06 01.24	+0.1
TKM2	Tokmak 2	6.22	31	Op	Pn	06 00.27	-1.1
TKM2	2.9m,0.6s			Op	Pn	06 01.38	-1.8
AB31	Akbulak array	14.18	328	Op	Pn	06 02.13	-3.1
AB31	0.2m,0.2s,baz=0.0,slow=0.1,SNR=8.1			Op	Pn		

MEX 03 06:14:20.4-0.5, 15.655N-94.51W, h9km,5km, MD3.8, Near coast of Oaxaca

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
PCIG		1.25	87	Op	ISC	06 14.40	-3.6
PCIG				Op	Sb	06 14.55	-4.6
HUIG	Huatulco	1.54	275	Op	Pn	06 14.47	-3.4
HUIG				Op	Sn	06 15.02	-5.4
TGIG		1.74	50	Op	Pn	06 14.46	-4.1
TGIG				Op	Sn	06 15.08	-4.5
CCIG	Comitan	2.37	74	Op	Pn	06 14.57	-2.7
CCIG				Op	Sn	06 15.25	-3.4
VHO	Vista Hermosa	2.56	304	Op	Pn	06 14.59	-2.9
VHO				Op	Sn	06 15.29	-3.9

IDC 03 06:15:06.6-3.2, 29.98S-138.74E, h0km, mb1 3.0/3, mb1mx3.0/45, mbtmp2.8/3, ML2.4/3, Error ellipse: s-maj=112.7km s-min=19.0km az=49.0, South Australia

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
STKA	Stephens Creek	3.0	128	Op	ISC	06 15.56	-0.1
STKA	0.2m,0.3s,baz=298,slow=15,SNR=9.9			Op	Pb	06 16.03	+0.6
STKA	0.4m,0.3s,baz=286,slow=15,SNR=7.5			Op	Lg	06 16.38	
ASAR	Alice Springs	7.63	324	Pn	Pn	06 16.58	-0.8
ASAR	0.1m,0.3s,baz=149,slow=13,SNR=5.1			Op	Sn	06 18.28	+1.8
WRA	Warramunga Arr	10.76	337	Pn	Pn	06 17.42	+0.7
WRA	0.0m,0.3s,baz=154,slow=12,SNR=5.3			Op	Sn	06 19.44	+1.2

IDC 03 06:18:52.2-2.1, 12.00N-88.79W, h0km, mb3.5/4, mb1 3.9/7, mb1mx3.6/52, mbtmp3.7/7, ML3.8/3, MS2.8/2, Ms1 2.8/2, ms1mx2.4/34, Error ellipse: s-maj=57.3km s-min=21.2km az=37.0

UCR 03 06:18:56.0-1.3, 11.94N-88.87W, h36km,999km, MD4.2, ML3.6

ISC 03 06:18:52.6-2.3, 11.97N-0.07-88.81W, 0.06, h7km,13km, n39, c1962/48, mb3.5/4, 2C-1D, Off coast of central America

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
UESV	Ojushatda	1.40	1	Op	Pb	06 19.23	+3.9
LCY	Lacayo	1.53	19	Op	Pb	06 19.21	+0.4
YVM	San Miguel	1.54	20	Op	Pg	06 19.22	+0.8
LCND	La Ca -medal	1.61	34	Op	Pg	06 19.22	-1.0
LCND				Op	IAML	06 19.53	
LFRS	El Faro	1.66	352	Op	Pn	06 19.22	+0.5
PAVA	Las Pavas	1.74	356	Op	Pb	06 19.24	-0.8
PAVA	comp=Z,64nm,0.3s			Op	IAML	06 19.26	
COLS	Colinas	1.75	344	Op	Sb	06 19.46	-0.6
SNET	Serv Nac Est T	1.75	347	Op	Pn	06 19.24	+0.5
SNET	comp=Z,1µm,0.3s			Op	IAML	06 19.25	
LBR5	Las Brisas	1.77	353	Op	Sb	06 19.46	-0.1
OPAM	San Salvador	1.78	348	Op	Pn	06 19.24	+0.8
OPAM	comp=Z,663nm,0.3s			Op	IAML	06 19.25	
LFU	La Fuente	1.79	351	Op	Pb	06 19.24	-0.9
LFU				Op	Sb	06 19.48	-0.4
UEES	San Salvador	1.79	347	Op	Pn	06 19.24	+0.4
BOQS	Boqueron	1.81	346	Op	Pn	06 19.25	+0.8
TEL3	Telica 3	2.02	73	Op	Pn	06 19.27	+0.7
SBL5	San Blas	2.02	337	Op	Pn	06 19.28	+0.7
RTR	El Retiro	2.08	337	Op	Pn	06 19.29	+0.9
CNGN	Cerro Negro	2.13	75	Op	Pn	06 19.30	-1.4
COPN	Copalpete	2.18	84	Op	Pn	06 19.30	+1.2
COPN	comp=Z,404nm,0.3s			Op	IAML	06 20.03	
APYN	Apoqueye	2.42	84	Op	Pn	06 19.34	+1.4
APYN	comp=Z,385nm,0.1s			Op	IAML	06 20.07	
MT03	Montecristo	2.47	348	Op	Pn	06 19.49	+1.4
MGAN	Mianagua	2.52	86	Op	Pn	06 19.53	+1.4
MGAN				Op	Sb	06 20.05	+1.6
BRAN	Las Pilas	2.52	73	Op	Pn	06 19.34	+0.7
BRAN				Op	Sb	06 20.04	-0.9
ESTN	Estel	2.64	65	Op	Pn	06 19.37	+1.4
MATN	Matagalpa	2.98	71	Op	Pn	06 19.41	+1.1
MATN				Op	Sb	06 20.18	+0.2
BOAB	BOACO BROADBAND	3.11	81	Op	Pn	06 19.42	+0.5
APG	El Apazote	3.42	332	Op	Pn	06 19.47	+1.3
APG	comp=Z,9.1m,0.3s,baz=140,slow=9.3,SNR=29			Op	Pn	06 20.29	+2.5
APG	comp=Z,4.7m,0.3s,baz=318,slow=11,SNR=8.5			Op	LR	06 21.08	
NY14	Universidad de	3.48	112	Op	Pn	06 19.49	+2.0
NY14				Op	Sb	06 20.27	-1.0
GBS3	Finca Las Im	3.50	109	Op	Pn	06 19.49	+1.6
LAPC	Finca la Perla	3.52	109	Op	Pn	06 19.49	+1.6
CUI	Cuipilapa	3.81	110	Op	Pn	06 19.54	+2.4
ACAL	Agua Clara	3.94	109	Op	Pn	06 19.56	+2.6
JTS	Juntas Abangare	4.14	113	Op	Pn	06 19.58	+2.0
JTS	comp=Z,1.1m,0.3s,baz=146,slow=3.9,SNR=114			Op	Pn	06 20.45	+0.5
CMIG	Matias Romero	7.77	312	Op	Pn	06 20.46	+0.3
CMIG	comp=Z,1.0m,0.3s,baz=163,slow=10.0,SNR=8.7			Op	Sn	06 22.08	-5.7
TXAR	Lajitas Array	22.13	324	Pn	P	06 23.50	+1.3
TXAR	0.5m,0.7m,0.5s,baz=142,slow=11,SNR=16			Op	P	06 24.08	+0.5
TKL	Tuckaleechee C	24.02	10	Op	P	06 24.08	+0.5
PDAR	Pinedale Array	35.58	33	LR	LR	06 44.00	
NVAR	Mina Array Bea	37.20	320	P	P	06 26.05	+0.6
YKA	Yellowknife Ar	53.73	345	P	P	06 28.14	-0.7
WRA	Warramunga Arr	137.86	254	PKP	PKP	06 38.18	-0.3
WRA	comp=Z,0.2m,0.6s,baz=84,slow=1.8,SNR=3.2			Op	PKP		

IDC 03 06:19:11.0-1.1, 11.05N-126.45E, h0km, mb4.0/10, mb1 4.1/10, mb1mx3.8/63, mbtmp4.0/10, MS3.0/1, Ms1 3.0/3, ms1mx2.6/71, Error ellipse: s-maj=63.9km s-min=14.9km az=67.0

ISCJB 03 06:19:15.4-0.4, 11.14N-104.126:58E, 0.05, h49km,

mb4.3/18, MS2.9/2, Error ellipse: s-maj=7.3km s-min=5.4km az=164.9

NEIC 03 06:19:16.8-0.3, 10.99N-126:23E, h35km, mb4.6/11, Error ellipse: s-maj=11.8km s-min=6.3km az=68.0

MAN 03 06:19:17.9, 10.92N-126:12E, h1km, mb4.7, ML3.6, MS3.5

ISC 03 06:19:18.0-0.7, 11.18N-105:126:44E, 0.08, h49km, n42, c174/43, mb4.2/18, 3C, Philippine Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
BESP	Borongan	1.06	293	Op	ISC	06 19.35	+1.5
BESP				Op	Sb	06 19.52	+2.6
PLP	Palo	1.43	269	Op	Pn	06 19.40	-0.9
PLP				Op	Sb	06 19.57	-1.4
SCPH	Surigao	1.68	214	Op	Pn	06 19.45	+0.8
SCPH				Op	Sb	06 20.06	+1.3
MSLP	Maasin	1.87	236	Op	Pn	06 19.46	+1.6
MSLP				Op	Sb	06 20.15	+5.6
BUTP	Butuan	2.34	200	Op	Pn	06 20.17	+2.3
BUTP				Op	Sb	06 20.25	+4.1
BUPK	Musuan	3.55	203	Op	Pn	06 20.10	-0.1
BUPK				Op	Sb	06 20.57	-0.8
RUCP	Roxas	3.64	276	Op	Pn	06 20.13	+1.6
DAV	Daavo City (W)	4.17	192	LR	LR	06 22.17	
DAV	comp=Z,237nm,18.1s,baz=348,slow=46			Op	Pn	06 21.31	-5.7
MYLDM	Lahad Datu	9.86	233	Op	Pn	06 21.30	+3.8
GUMO	Gumau	18.16	81	Op	Pn	06 24.41	+1.0
GUMO	0.2m,0.6s			Op	LR	06 35.11	
PBKT	Sadao Pong	25.29	285	Op	Pn	06 33.30	
KSR5	Korea Arr	26.19	3	LR	LR	06 24.60	-0.3
KSR5	comp=Z,29nm,18.6s,baz=240,slow=36			Op	Pn	06 25.12	-2.0
MJAR	Matsushiro Arr	27.39	21	LR	LR	06 25.13	-2.0
MJAR	comp=Z,37nm,21.9s,baz=220,slow=31			Op	Pn	06 25.13	-2.0
CMAR	Chiang Mai Arr	27.52	288	P	P	06 25.13	-2.0
CMAR	0.8m,0.7s,baz=99,slow=5,SNR=6.6			Op	Pn	06 25.13	-2.0
FITZ	Fitzroy Crossi	29.11	182	P	P	06 25.13	-2.0
FITZ	0.8m,0.7s,baz=323,slow=5.1,SNR=1.8			Op	Pn	06 25.13	-2.0
FITZ	Fitzroy Crossi	29.11	182	P	P	06 25.36	-2.2
FITZ	0.7m,1.5s			Op	Pn	06 25.36	-2.2
WRI	Warramunga Arr	31.89	166	P	P	06 25.36	-2.2
WRI	4.4m,1.1s			Op	Pn	06 25.36	-2.2
WRA	Warramunga Arr	31.89	166	P	P	06 25.36	-2.2
WRA	1.2m,0.7s,baz=346,slow=9.4,SNR=11			Op	Pn	06 25.36	-2.2
WB2	Warramunga Arr	31.90	166	P	P	06 26.08	-1.3
WB2	10.0m,1.4s			Op	Pn	06 26.08	-1.3
ASAR	Alice Springs	35.40	168	P	P	06 26.08	-1.3
ASAR	0.8m,0.5s,baz=349,slow=8.3,SNR=12			Op	Pn	06 26.08	-1.3
AS01	Alice Springs	35.41	168	P	P	06 26.08	-1.3
COCO	West Island	37.46	293	P	P	06 26.25	-1.6
COCO	250m,0.6s			Op	Pn	06 26.50	+0.5
SONAO	Songino Array	40.23	339	Op	Pn	06 26.50	+0.5
SONM	Songino Array	40.23	339	Op	Pn	06 26.50	+0.5
SONM	0.4m,0.6s,baz=157,slow=8.1,SNR=12			Op	Pn	06 26.50	+0.5
SONA	Songino Array	40.24	339	Op	Pn	06 26.50	+0.5
FOR1	Forrest	41.75	178	Op			

3d 6h

Table with columns for flight codes (e.g., CHTO, ENH, JNU), destinations (e.g., Chiang Mai, Enshi, Nakatsue), times, and status indicators (e.g., P, eP, MLR).

2012 SEP

Table with columns for flight codes (e.g., MAJO, MAT, MJAR), destinations (e.g., Matsuhiro, Matsuhiro Arr, Matsu-Tunnel), times, and status indicators (e.g., P, eP, MLR).

150

Table with columns for flight codes (e.g., LSA, LSA, LSA), destinations (e.g., Lhasa, Lhasa, Lhasa), times, and status indicators (e.g., P, eP, MLR).

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CNCC Cliffs of the 133.66 25 PFAKE LR, 155A Kite 133.69 31 P PKP, 453A Tifton 134.02 33 ePKPdf PKP, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera 8.23 204 ePn Pn, URZ Urewera 8.23 204 S S, URZ Rimuhau 8.42 200 P P, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIJ Ishigaki jima 1.64 101 eS Sb, MAN 03 07:11:43.5, 1.0, 42N:126:86E, h12km, mb4.9, ML3.8, MS3.8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LSA, Vanda, KSAR, etc.

DJA 03 08:30:09.0-9.8 S:4.107E:1, h18km,6km, M3.9/12, MLv3.9/12, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CISP, CMJI, LEM, etc.

MAN 03 08:37:00.1:6.50N:123.73E, h27km, mb4.5, ML3.3, MS3.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SKMP, CTBH, PAGZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SONM, MKAR, KURBB, etc.

ISC 03 08:40:35.4:1.0, 27.73N:52.65E, h0km, mb3.9/12

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

IPAR Pars 2.12 7 Pn Pn

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

GENO comp=E,0.0nm,0.6s

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

GRK comp=N,0.0nm,1.6s

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

UOSS Minazif 4.17 131 ePn Pn

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

ALNE Al Ain 4.55 143 Pn Pn

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NASN, IZEF, ANAR, etc.

BRTR Keskin Array B 19.84 312 P P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BR101, BR131, etc.

KURB Kurchatov Arra 30.09 34 P P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZALV, ZAA1, etc.

HFS Hagfors 41.82 332 P P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NC401, NC405, etc.

ARAO ARCES Array S 44.72 347 eP P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ULN, TOA1, etc.

TSUM Tumebe 57.76 220 P P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WR1, WRA, etc.

MOS 03 08:45:44.5:0.0, 42.88N:45.09E, h26km, MPVA3.5

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

ISCJB 03 08:46:42.1:0.4, 6.84N:0.03:73:12W:0.03, h158km,3km

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

159	PETK	Petropavlovsk-	53.98 25	P	P	08 58 47.0 -0.1
	PETK	comp=Z,5.0nm,0.8s				
	SFK	Sufi-Kurgan	55.93 314	P	P	08 59 03.1 +1.4
	SFK	comp=Z,8.0nm,1.5s				
	AAK	Ala-Archa	56.31 318	P	P	08 59 06.1 +1.8
	AAK	comp=Z,1.6nm,0.2s,baz=107,slow=8.4,SNR=3.5				
	AAK	Ala-Archa	56.31 318	P	P	08 59 04.8 +0.5
	AAK	comp=Z,9.0nm,2.4s				
	ZAAO	Zalesovo Array	56.75 334	P	P	08 59 07.0 0.0
	ZAAO	comp=Z,5.4nm,0.8s				
	ZALV	Zalesovo Beam	56.75 334	P	P	08 59 06.5 -0.5
	ZALV	comp=Z,2.0nm,0.6s,baz=128,slow=6.7,SNR=7.4				
	ZALV	Zalesovo Beam	56.75 334	P	P	08 59 06.3 -0.7
	ZALV	comp=Z,2.0nm,0.6s,baz=128,slow=6.7,SNR=7.4				
	KBL	Kabul	57.50 307	eP	P	08 59 13.8 +0.8
	KBL	comp=Z,7.8nm,0.7s				
	KBL	Kabul	57.50 307	eP	P	08 59 13.8 +0.8
	KBL	comp=Z,8.0nm,0.7s				
	MNAS	Manas	57.59 317	P	P	08 59 14.5 +1.1
	MNAS	comp=Z,1.3nm,1.3s				
	KURBB	Kurchatov Arra	57.79 328	P	P	08 59 14.7 +0.3
	KURBB	comp=Z,1.0nm,0.8s,baz=125,slow=6.3,SNR=4.5				
	KURK	Kurchatov	57.79 328	eP	P	08 59 14.4 0.0
	KURK	comp=Z,6.6nm,1.4s				
	KURK	Kurchatov	57.79 328	P	P	08 59 14.7 +0.3
	KURK	comp=Z,10.0nm,0.8s				
	NVS	Novosibirsk	58.04 334	eP	P	08 59 15.6 -0.5
	KK31	Karatay Array	58.18 317	eP	P	08 59 24.6 +0.3
	KK31	comp=Z,2.2nm,1.2s				
	KKAR	Karatay Array	58.18 317	eP	P	08 59 24.7 +0.4
	KKAR	comp=Z,2.2nm,1.2s				
	KKAR	Karatay Array	58.18 317	eP	P	08 59 24.7 +0.4
	OTUK	Ortay	60.11 323	P	P	08 59 35.1 +4.5
	OTUK	comp=Z,1.1nm,1.2s				
	BVAR	Borovoye Array	63.36 327	P	P	08 59 52.5 +0.1
	BVAR	comp=Z,5.0nm,0.8s,baz=128,slow=9.5,SNR=16				
	BRVK	Borovoye	63.44 327	eP	P	08 59 53.1 +0.2
	BRVK	comp=Z,3.5nm,1.0s				
	BRVK	Borovoye	63.44 327	eP	P	08 59 52.8 -0.1
	BRVK	comp=Z,1.5nm,0.8s				
	TIXI	Tiksi	65.07	2	eP	09 00 03.7 +0.4
	TIXI	comp=Z,8.0nm,0.9s				
	THZ	Tophouse	65.72 142	eP	P	09 00 07.5 -0.6
	THZ	comp=Z,5.4nm,1.3s				
	RPZ	Rata Peaks	65.75 144	eP	P	09 00 07.5 -0.7
	RPZ	comp=Z,2.2nm,1.2s				
	BKZ	Black Stump Fm	66.63 138	eP	P	09 00 14.1 +0.1
	BKZ	comp=Z,2.9nm,1.2s				
	GEYT	Alibek	66.86 308	LR	LR	09 04 20.3
	GEYT	comp=Z,100nm,18.0s,baz=235,slow=40				
	NRIK	Norik	67.00 347	eP	P	09 00 15.2 -0.5
	NRIK	comp=Z,8.5nm,0.5s,baz=151,slow=2.4,SNR=13				
	AFI	Afiamalau	67.07 108	LR	LR	09 04 03.2
	AFI	comp=Z,82nm,21.1s,baz=100,slow=31				
	ABKAR	Akbulak array	68.12 321	eP	P	09 00 23.1 0.0
	ABKAR	comp=Z,4.2nm,0.7s,baz=96,slow=12,SNR=12				
	AKTO	Aktyubinsk	69.64 322	P	P	09 00 32.4 -0.3
	AKTO	comp=Z,4.2nm,0.7s,baz=96,slow=12,SNR=12				
	ARU	Arti	70.99 328	eP	P	09 00 39.8 -0.9
	ARU	comp=Z,6.5nm,0.6s				
	ARU	Arti	70.99 328	eP	P	09 00 39.9 -0.9
	ARU	comp=Z,6.5nm,0.6s				
	ARU			PPP	PPP	09 05 15.4
	ARU			S	SS	09 09 57.3 +1.1
	ARU			SS	SS	09 14 22.6 -6.6
	ARU			P	P	09 00 39.9 -0.9
	UNV	Unalaska Valle	72.77 36	eP	P	09 00 51.0 -0.5
	UNV	comp=Z,2.3nm,2.5s				
	CASY	Casey	73.32 186	eP	P	09 00 54.1 -0.3
	CASY	comp=Z,2.8nm,1.4s				
	GNI	Garni	77.44 310	eP	P	09 01 20.5 +1.5
	GNI	comp=Z,4.4nm,0.9s				
	ZEI	Tsey	78.16 312	eP	P	09 01 22.0 -1.0
	ZEI	comp=Z,2.2nm,1.1s				
	NCK	Nalchik	78.41 313	eP	P	09 01 24.6 +0.5
	NCK	comp=Z,2.2nm,1.3s				
	NEY	Neytrino	79.04 313	eP	P	09 01 28.4 +0.6
	NEY	comp=Z,2.0nm,1.5s				
	KIV	Kislovodsk	79.08 313	eP	P	09 01 29.0 +1.1
	KIV	comp=Z,2.0nm,1.5s				
	KIV	Kislovodsk	79.08 313	eP	P	09 01 29.0 +1.1
	KIV	comp=Z,1.7nm,1.1s				
	KIV	Kislovodsk	79.08 313	eP	P	09 01 29.0 +1.1
	KIV	comp=Z,1.7nm,1.1s				
	STCH	Steam Cracks	79.44 72	eP	P	09 01 27.0 -3.3
	STCH	comp=Z,4.6nm,1.0s				
	RAR	Rarotonga	79.81 113	LR	LR	09 02 00.9
	RAR	comp=Z,48nm,20.8s,baz=180,slow=32				
	VRH	Novokhopovsk	79.95 321	eP	P	09 01 31.1 -1.2
	VRH	comp=Z,10.0nm,1.0s				
	OHAK	Old Harbor	80.65 33	eP	P	09 01 30.1 -5.9
	OHAK	comp=Z,3.2nm,1.3s				
	IMS	Indian Moutai	80.94 24	eP	P	09 01 36.6 -0.7
	KDKA	Kodiak Island	81.06 33	eP	P	09 01 37.8 -0.3
	KDKA	comp=Z,1.2nm,0.8s				
	KDKA	Kodiak Island	81.06 33	eP	P	09 01 37.8 -0.3
	KDKA	comp=Z,1.2nm,0.8s				
	VORD	Vinogorie	81.48 320	eP	P	09 01 39.0 -1.5
	VORD	comp=Z,9.0nm,0.4s				
	VSR	Storozhevoye	81.56 321	eP	P	09 01 39.3 -1.6
	VSR	comp=Z,10.0nm,0.9s				
	LPSR	Galich'ya Gora	81.71 322	eP	P	09 01 41.6 -0.1
	LPSR	comp=Z,2.0nm,0.9s				
	OBN	Obninsk	83.07 325	eP	P	09 01 49.5 +0.8
	OBN	comp=Z,2.0nm,0.9s				
	OBN	Obninsk	83.07 325	eP	P	09 01 49.5 +0.8
	OBN	comp=Z,2.0nm,0.9s				
	OBN	Obninsk	83.07 325	eP	P	09 01 49.5 +0.8
	OBN	comp=Z,2.0nm,0.9s				
	MDM	Murphy Dome	83.21 25	eP	P	09 01 48.3 -1.1
	MDM	comp=Z,6.5nm,1.1s				
	ILAR	Eielson Array	83.79 26	P	P	09 01 50.8 -1.6
	ILAR	comp=Z,0.9nm,0.8s,baz=263,slow=5.4,SNR=6.6				
	RIDG	Independ'e Rid	84.74 27	eP	P	09 01 56.4 -0.9
	RIDG	comp=Z,1.9nm,1.2s				
	BRTR	Keskin Array B	85.98 309	P	P	09 02 02.3 -1.8
	BRTR	comp=Z,0.7nm,0.6s,baz=113,slow=3.7,SNR=3.3				
	VNDA	Vanda	86.61 172	P	P	09 02 05.5 -0.6
	VNDA	comp=Z,1.4nm,1.0s,baz=321,slow=5.9,SNR=7.6				
	VNDA	Vanda	86.61 172	eP	P	09 02 05.5 -0.6
	VNDA	comp=Z,1.4nm,1.0s,baz=321,slow=5.9,SNR=7.6				
	ARCS	ARCS Array B	86.78 340	P	P	09 02 07.4 +0.2
	ARCS	comp=Z,1.5nm,0.7s,baz=92,slow=6.6,SNR=4.4				
	SPITS	Spitsbergen Ar	87.13 349	LR	LR	09 04 31.1
	SPITS	comp=Z,82nm,18.0s,baz=10,slow=41				
	FINES	FINES Array B	87.96 332	P	P	09 02 11.4 -1.6
	FINES	comp=Z,1.2nm,0.8s,baz=263,slow=5.9,SNR=5.3				
	BUR04	Bucovina Ar. S	90.96 318	eP	P	09 02 26.6 -1.0
	QSPA	South Pole Qui	96.47 180	P	P	09 02 51.5 -0.9
	QSPA	comp=Z,2.5nm,1.1s,baz=285,slow=5.5,SNR=3.2				
	CLL	Collm	97.64 324	eP	P	09 02 58.0 0.0
	CLL	comp=Z,2.5nm,1.1s,baz=285,slow=5.5,SNR=3.2				
	CLL	Collm	97.64 324	eP	P	09 02 58.0 0.0
	CLL	comp=Z,2.5nm,1.1s,baz=285,slow=5.5,SNR=3.2				
	O2OA	White River Ci	112.38 41	P	PKIKP	09 08 00.9 -0.8
	O2OA	comp=Z,6.0nm,0.4s				
	SDCO	Great Sand Dun	116.36 42	P	PKPdf	09 08 06.8 -1.0
	SDCO	comp=Z,3.0nm,0.8s				
	T2SA	Trinidad	117.42 42	eP	PKPdf	09 08 09.1 -0.6
	EYMN	Ely	117.44 26	P	PKPdf	09 08 08.2 -0.9
	EYMN	comp=Z,3.0nm,0.8s				
	ECSD	EROS Data Cent	118.02 32	P	PKPdf	09 08 09.6 -0.8
	ECSD	comp=Z,3.0nm,0.8s				
	137A	The Farm, Brul	118.43 27	P	PKPdf	09 08 10.7 -0.4
	137A	comp=Z,3.0nm,0.8s				
	137A	Lemond, Waseca	119.47 30</			

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Surigao, Palo, Maasin, Butuan, etc.

IDC 03 09:08:10.8-1.1, 2.93S, 130:32E, h0km, mb3.7/4, mb1 3.7/7, mb1mx3.5/5.8, mbtmp3.6/7, ML3.3, MS3.0/1, Ms1 3.0/1, ms1mx2.4/6.1, Error ellipse: s-maj=39.7km s-min=17.8km az=87.0

ISC/JB 03 09:08:12.8-0.7, 3.00S:0.05:130:29E:0.07, h24km, mb3.5/3, Error ellipse: s-maj=11.1km s-min=6.6km az=18.4

DJA 03 09:08:18.1-1.2, 2.2S:5.13E, h178km, 1.0km, M2.8/4, MLV2.8/4

ISC 03 09:08:14.1-0.9, 3.00S:0.07:130:3E:0.11, h24km, n10, r104/12, mb3.6/3, Seram

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

ECX 03 09:15:51.6-0.4, 31.28N:115.34W, h5km, MD2.6, ML2.8

ISC 03 09:15:51.3-1.1, 31.28N:0.03:115:39W:0.04, h3km, n13km, n16, r073/28, SC-1D, Baja California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro Mart, Cerro Bola, Camp Elliot, etc.

BUI 03 09:21:34.5, 10:14N:127:01E, h30km, mb4.8/34, mb4.9/21, Ms4.2/12, Ms7.3/9/11

IDC 03 09:21:34.2-0.5, 10:42N:126:80E, h0km, mb4.4/26, mb1 4.5/26, mb1mx4.3/6.7, mbtmp4.4/26, Error ellipse: s-maj=22.8km s-min=10.8km az=77.0

NEIC 03 09:21:37.1-1.2, 10:38N:126:79E, h21km, 6km, mb4.7/23, Error ellipse: s-maj=6.3km s-min=3.3km az=89.0

ISC/JB 03 09:21:37.4-0.8, 10:44N:0.03:126:88E:0.05, h33km, 6km, mb4.5/73, Error ellipse: s-maj=7.5km s-min=4.8km az=179.0

MAN 03 09:21:38.7, 10:50N:126:64E, h12km, mb5.0, ML4.0, MS4.0

MOS 03 09:21:38.0-1.0, 10:36N:126:62E, h35km, mb5.0/21, Error ellipse: s-maj=17.1km s-min=6.3km az=118.5

ISC 03 09:21:39.5-1.8, 10:46N:0.04:126:77E:0.06, h33km, 12km, n154, r18/18/18, mb4.6/73, 10C-7D, Philippine Islands region

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

Main table with columns: RCP, Roxas, 4.10 2861, Pn, etc. Includes stations like Lahad Datu, Kota Kinabalu, etc.

Main table with columns: WMO, Jazator, 140m, 14.9s, LR, LR, etc. Includes stations like Jazator, Makanchi Array, etc.

TORD Torodi Ar. Bea 120.65 292 PKP PKPdf 09 40 28.4 -0.7
 comp=2.1,1nm,0.8s,baz=132,slow=4.2,SNR=7.4

TOA1 Torodi Ar. Sit 120.65 292 ePKPdf PKPdf 09 40 28.4 -0.7

PLCA Paso Flores 146.18 156 PKPbc PKPab 09 41 17.5 -0.0
 comp=2.7nm,0.7s,baz=22.5,SNR=2.5

PLCA Paso Flores 146.18 156 ePKPdf PKPdf 09 41 16.2 +0.4

PLCA Paso Flores 146.18 156 ePKP2 PKPdf 09 41 16.2 +0.4

GUC 03 09:28:49.8:0.6,36.215:73.39W,h39km,3km,ML3.6,
3C-1D, Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	h m s
CCSP	San Pedro de C	0.67	160	Op	ISC	09 29 02.0	-0.8
CCSP				P	Sn	09 29 12.0	-0.1
CCHI	comp=N,6um,0.6s						
CCHI	Chilian	1.13	111	eP	Pn	09 29 09.5	+0.4
CCHI				iS	Sn	09 29 23.0	+0.2
CCHI				IAML		09 29 33.0	
GO05	comp=E,3um,0.7s						
GO05	Hualae0	1.69	45	eP	Pn	09 29 17.1	+0.3
GO06	Temuco	2.59	166	iP	Pn	09 30 00.0	+0.5
GO06				eS	Sn	09 30 00.0	+0.5
GO06				IAML		09 30 12.3	
GO06	Curarehue	3.69	156	iP	Pn	09 29 45.6	+1.2
GO06				eS	Sn	09 30 39.9	+1.1
GO06				IAML		09 30 53.5	
FCH	comp=N,44nm,0.3s						
FCH	Farellones	3.85	42	iP	Pn	09 29 47.9	+1.2
FCH				eS	Sn	09 30 32.5	+1.7
FCH				IAML		09 31 03.9	
FCH	comp=E,30nm,0.5s						

NIED 03 09:30:00,36.90N:140.10E,h77km,Mw3.8 Best double couple: Mw5.110000,1014 NP1.34,000000,815,000000,λ-105,000000. NP2.26,200,000000,875,000000,λ-86,000000.

ISCJB 03 09:30:28.0:0.4,36.95N:0.04:140.13E:0.05, h101km,2km,mb3.6/1.8, Error ellipse: s-maj=7.6km s-min=5.5km,az=136.6, I, 7.6, 0.000000.

JMA 03 09:30:28.0:1.1,36.94N:140.11E,h96km,1km,M3.6 JMA Feil J1.

ISC 03 09:30:30.0:1.4,36.89N:140.02E,h109km,14km, mb3.4/1.1,mb1.3/6.13,mb1mx3.4/8.0,mbtmp3.7/13, Error ellipse: s-maj=19.0km s-min=10.6km az=67.0

ISC 03 09:30:29.0:0.7,36.96N:0.05:140.12E:0.05,h96km,6km, n33,φ93/39,mb3.7/1.1,Near east coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	h m s
JSB	Shiboa	0.16	272	Op	ISC	09 30 42.7	0.0
JSB				P	Sn	09 30 52.9	0.0
JFFD	Fukushimafurud	0.38	70	P	Sn	09 30 43.6	0.0
JFFD				S	Sn	09 30 54.2	-0.3
JFY	Yanaizu	0.55	323	P	Sn	09 30 47.7	-0.2
JFY				S	Sn	09 30 56.6	-0.1
JFT	Otae	0.58	17	P	Sn	09 30 45.3	+0.2
JFT				S	Sn	09 30 57.4	+0.3
JFK	Kawauchi	0.72	56	P	Sn	09 30 54.4	0.0
JFK				S	Sn	09 30 59.2	-0.2
JKT	Kashinaka	0.72	255	P	Sn	09 30 46.3	-0.3
JAG	Ashikaga	0.72	225	P	Sn	09 30 59.2	-0.7
JAG				S	Sn	09 30 48.0	-0.4
JHK	Hiroka	0.93	288	P	Sn	09 31 02.3	-0.6
JHK				S	Sn	09 30 50.0	+0.3
JMM	Marumori	1.05	30	P	Sn	09 31 05.0	+0.1
JNS	Sasagawa	1.07	323	P	Sn	09 30 49.4	-0.5
JNS				S	Sn	09 31 04.8	-0.8
MJAR	Matsushiro Arr	1.59	255	P	Sn	09 30 56.0	-0.3
MJAR				S	Sn	09 31 16.6	-0.3
MAT	12nm,0.3s,baz=73,slow=13,SNR=11						
MAT	Matsushiro	1.59	255	P	Pn	09 30 56.3	0.0
MAT				S	Sn	09 31 16.8	-0.1
MAT				S	Sn	09 31 26.8	+0.7
JHJ	Hachijo jima 2	3.84	184	P	Sn	09 32 10.0	-0.2
JHJ				S	Sn	09 32 10.0	-0.2
JHU	25nm,0.3s,baz=62,slow=23,SNR=6.8						
JHU	Nakatsu	8.49	246	P	Pn	09 32 32.1	+2.9
JHU				S	Sn	09 32 45.8	+2.8
JURU	Ussuriysk Arr.	9.51	322	P	Pn	09 32 48.9	+2.7
JURU				S	Sn	09 32 48.9	+2.7
KRSR	Korea Arry	9.74	277	P	Pn	09 32 48.9	+2.7
KRSR				S	Sn	09 32 48.9	+2.7
SONM	2.0nm,0.3s,baz=92,slow=14,SNR=11						
SONM	Songjio Array	26.97	304	P	Pn	09 36 01.0	-0.6
H1N2	WAKE ISLAND Hy 29.01 119 T			T	T	10 06 31.8	
H1N1	WAKE ISLAND Hy 29.02 119 T			T	T	10 06 31.1	
H1N3	WAKE ISLAND Hy 29.03 119 T			T	T	10 06 31.9	
H1S1	WAKE ISLAND Hy 29.07 121 T			T	T	10 07 24.8	
H1S3	WAKE ISLAND Hy 29.10 121 T			T	T	10 07 26.2	
H1S2	WAKE ISLAND Hy 29.12 121 T			T	T	10 07 27.3	
MKAR	Makanchi Array	43.28	302	P	Pn	09 38 20.8	-0.2
KURBB	Kurchatov Arra	45.23	308	P	Pn	09 38 35.2	-1.2
ILAR	Eielso Array	50.11	32	P	Pn	09 39 14.1	+0.1
INK	Inuvik	54.92	27	P	Pn	09 39 49.6	+0.3
WRA	Warramunga Arr	56.86	166	P	Pn	09 40 02.7	-1.0
ASAR	Alice Springs	60.59	187	P	Pn	09 40 29.2	-0.3
ARCES	ARCES Array B	63.70	339	P	Pn	09 40 49.2	-0.5
NVAR	Mina Array Bea	75.86	53	P	Pn	09 42 05.4	+0.3
PDAR	Pinedale Array	78.45	45	P	Pn	09 42 19.5	-0.1
TXAR	Lajitas Array	90.98	52	P	Pn	09 43 23.1	+0.4

MOS 03 09:34:26.8:2.1,54.95N:162.53E,h40km,mb4.3/1, Error ellipse: s-maj=10.3km s-min=6.1km az=75.5

KRSC 03 09:34:26.8:0.7,54.95N:162.53E,h40km,14km,ML4.2, Near east coast of Kamchatka Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	h m s
MKZ	Mys Kozlova	0.61	230	Op	ISC	09 34 40.0	+1.0
MKZ				eS	Sn	09 34 48.6	+0.8
MKZ	Mys Kozlova	0.61	230	PN	Pn	09 34 40.0	+1.0
MKZ				S	Sn	09 34 56.0	+0.9
TUMD	Tumrok D	1.25	282	eP	Pn	09 34 49.1	+1.3
TUMD				eS	Sn	09 35 05.4	+1.9
KBTR	Krutoberegovo	1.27	7	eP	Pn	09 34 50.1	+2.1
KBTR				eS	Sn	09 35 07.0	+3.2
KBTR	Krutoberegovo	1.27	7	PN	Pn	09 34 50.1	+2.1
KBTR				S	Sn	09 35 07.0	+3.2
TUMR	Tumrok	1.41	284	PN	Pn	09 34 49.1	-1.0
TUMR				S	Sn	09 35 05.4	-2.1
ZLN	Zelenaya	1.45	318	eP	Pn	09 34 52.5	+1.9
ZLN				eS	Sn	09 35 11.1	+2.6
ZLN	Zelenaya	1.45	318	PN	Pn	09 34 52.5	+1.9
ZLN				S	Sn	09 35 11.1	+2.6
LGNR	Loginovna	1.54	318	eP	Pn	09 34 53.9	+1.8
LGNR				eS	Sn	09 34 53.9	+1.8
CIRR	Tsirk	1.54	320	eP	Pn	09 34 54.7	+2.8
CIRR				eS	Sn	09 34 54.7	+2.8
KRSR	Krestovskiy	1.69	319	PN	Pn	09 34 55.2	+1.3
KRSR				S	Sn	09 34 57.2	+1.3
KLY	Klyuchi	1.73	323	eP	Pn	09 34 54.7	+0.4
KLY				eS	Sn	09 35 14.9	-0.3
KLY	Klyuchi	1.73	323	PN	Pn	09 34 54.7	+0.4
KLY				S	Sn	09 35 14.9	-0.3
SMKR	Semkarok	1.74	340	eP	Pn	09 35 17.6	+2.1
SMKR				eS	Sn	09 35 17.6	+2.1
SMKR	Semkarok	1.74	340	PN	Pn	09 35 17.6	+2.1
SMKR				S	Sn	09 35 17.6	+2.1

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	h m s
BDR	Baidarnaya	1.78	336	eP	Pn	09 34 57.3	+2.1
BDR				eS	Sn	09 34 57.3	+2.1
BDR	Baidarnaya	1.78	336	PN	Pn	09 34 57.3	+2.1
BDR				S	Sn	09 34 57.3	+2.1
SRKR	Sorokina	1.87	336	eP	Pn	09 34 58.6	+2.2
SRKR				eS	Sn	09 34 58.6	+2.2
SRKR	Sorokina	1.87	336	PN	Pn	09 34 58.6	+2.2
SRKR				S	Sn	09 34 58.6	+2.2
BKI	Bering	1.99	81	eP	Pn	09 35 00.3	+2.4
BKI				eS	Sn	09 35 23.2	+1.6
BKI	Bering	1.99	81	PN	Pn	09 35 00.3	+2.4
BKI				S	Sn	09 35 23.2	+1.6
KII	Karymskiy	2.02	244	eP	Pn	09 35 00.7	+2.3
KII				eS	Sn	09 35 24.6	+2.1
KII	Karymskiy	2.02	244	PN	Pn	09 35 00.7	+2.3
KII				S	Sn	09 35 24.6	+2.1
KII	Mys Shipunski	2.38	220	eP	Pn	09 35 24.6	+2.1
KII				eS	Sn	09 35 25.7	+2.2
KII	Mys Shipunski	2.38	220	PN	Pn	09 35 24.6	+2.1
KII				S	Sn	09 35 25.7	+2.2
ESO	Esso	2.39	296	eP	Pn	09 35 05.0	+1.5
ESO				eS	Sn	09 35 33.7	+2.2
ESO	Esso	2.39	296	PN	Pn	09 35 05.0	+1.5
ESO				S	Sn	09 35 33.7	+2.2
NLC	Nalytchevo	2.59	228	eP	Pn	09 35 09.5	+3.3
NLC				eS	Sn	09 35 40.1	+3.7
NLC	Nalytchevo	2.59	228	PN	Pn	09 35 09.5	+3.3
NLC				S	Sn	09 35 40.1	+3.7
SDLR	Sedlovina	2.73	233	eP	Pn	09 35 11.6	+3.4
SDLR				eS	Sn	09 35 12.7	+3.8
SDLR	Sedlovina	2.73	233	PN	Pn	09 35 11.6	+3.4
SDLR				S	Sn	09 35 12.7	+3.8
KRER	Koryakskii	2.77	235	eP	Pn	09 35 11.4	+2.5
KRER				eS	Sn	09 35 21.4	+2.5
KRER	Koryakskii	2.77	235	PN	Pn	09 35 11.4	+2.5
KRER				S	Sn	09 35 21.4	+2.5
SMAR	Somma	2.77	234	eP	Pn	09 35 13.6	+4.7
SMAR				eS	Sn	09 35 46.2	+4.7
SMAR	Somma	2.77	234	PN	Pn	09 35 13.6	+4.7
SMAR				S	Sn		

3d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like COLA College, HDA Harding Lake, PAX Paxson, etc.

2012 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like I03D Drain, B08A Colville Reser, H04A Detroit Lake, etc.

162

Table with columns for station name, frequency, power, and other technical details. Includes stations like EGMG Eagleton, NV01 Mina Array Sit, BOZ Bozeman (W), etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like LDFC Landfair, PKCU Pink Cliffs, K22A Casper, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like OGNE Ogallala, TUC Tucson, KSCO Kaye Shedlock, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SFJD Kangerlussuaq, G41A Antioch, I40A Norwalk, etc.

3d 10h

Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, Azimuth, Elevation, and other parameters. Includes stations like P40A Paris, L43A Garden Prairie, ABTX Abilene, etc.

2012 SEP

Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, Azimuth, Elevation, and other parameters. Includes stations like KURK Kurchatov, W40A Ferguson Farm, P45A Graceland, etc.

164

Table with columns: Station ID, Name, Frequency, Power, Modulation, SNR, Azimuth, Elevation, and other parameters. Includes stations like GYA Guiyang, BANO Bancroft, O49A Covington, etc.

3d 10h

Table with columns: Station, Name, Time, Azimuth, Elevation, and other parameters. Includes stations like Kiev, Malin Aray Si, El Apazole, Kabul, Colim, etc.

2012 SEP

Table with columns: Station, Name, Time, Azimuth, Elevation, and other parameters. Includes stations like Gorron, Saint Gilles, MOA, ECH, HAU, etc.

166

Table with columns: Station, Name, Time, Azimuth, Elevation, and other parameters. Includes stations like ASAR, Alice Springs, ETSF, etc.

IDC 03 10:02:53.6;0.4, 10:07N:126:41E, h0km, mb4.4/29, mb1 4.4/30, mb1mx4.3/66, mbtmp4.4/30, ML3.5/1, MS3.6/6, MS1 3.6/6, ms1mx3.2/67, Error ellipse: s-maj=19.7km s-min=9.8km az=81.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like SCPH, Surigao, BUTP, Butuan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLP Palo, SCPH Surigao, OCLP Ormoc, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAN 03 11:29:15.6, 7.88N, 125.09E, h148km, mb4.2, ML3.0, MS2.6, Mindanao.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LHMJ Lhok Sumawe, PKDT Phuket, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PNET Kaeng Krachan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MHSI Mandailing Nat, PBSI Pulau Batu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NONG Nongkai, MDSI Maura Dua, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAN 03 11:45:48.8, 7.88N, 124.87E, h11km, mb5.1, ML4.0, MS4.1, 2C-1D, Mindanao.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, Papeete, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT Papeete, CTA Charters Tower, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMG Samos, DGB Zmir, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP Musuan, PAGZ Pagadian, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DDB Bodrum, UURL Izmir, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YER Yerkisik, AKHS Akhisar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URFA Urfa, ATAB Bozova, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANL SANLIURFA_Merk, SURC SANLIURFA_Serc, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVRC Sivrice-ELAZID, KMRS Kahramanmaras, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URFA Urfa, ATAB Bozova, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CTBH Cotabato-PC H, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKMP Bagumbayan, Su, PAGZ Pagadian, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HATJ Hateruma jima, JKRIS Kuro-shima, etc.

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

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

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

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

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

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

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

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

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

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

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

3d 14h

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like KULM, MUNDARING, DAVO City (W), WARRAMUNGA Arr, etc.

2012 SEP

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like LSA Lhasa, JNU Nakatsue, JIRN Gumbha, etc.

172

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: ILAR, Eielson Array, 85.04 23 P, P, 15 05 48.8 +0.1, 0.9nm, 0.6s, baz=246, slow=4.7, SNR=8.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, BATI, Baumata, 4.03 224 P, P, 14 59 09.8 +0.7

MAN 03 15:04:39.10, 63.03N:126.27E, h2km, mb4.1, ML2.9, MS2.6, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, BESP, Borongan, 1.26 320 Op, Pn, 15 05 01.4 +0.3

ISN 03 15:22:24.0, 0.3, 37.22N:42.62E, h0km, ML2.7, ISK 03 15:22:25.5, 37.28N:42.56E, h5km, ML2.7/6, DDA 03 15:22:26.8, 37.32N:42.62E, h9km, ML2.9

ISC 03 15:22:27.5, 1.3, 37.35N:0.05:42.63E:0.03, h4km, 10km, n17, f13170, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SIRT, Sirmak, 0.23 314 PG, P, 15 22 31.4 +0.4

MAN 03 15:27:49.4, 10.58N:126.18E, h5km, mb4.3, ML3.1, MS2.8, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, BESP, Borongan, 1.25 325 Op, Pn, 15 28 13.6 +0.2

ISC 03 15:28:28.0, 2.4, 36.24N:70.87E, h160km, 22km, mb3.5/14, mb1.3, 6/20, mb1mx3.3/76, mbtmp4/0.20, Error ellipse: s-maj=15.9km s-min=12.2km az=19.0

ISCJB 03 15:28:30.0, 0.4, 36.45N:0.04:70.80E:0.05, h188km, mb3.7/13, Error ellipse: s-maj=6.1km s-min=5.1km az=146.1

NNC 03 15:28:36.0, 2.8, 36.89N:70.83E, h197km, 29km, mb3.1, mpv4.3, Error ellipse: s-maj=28.2km s-min=15.5km az=13.0

ISC 03 15:28:31.0, 0.6, 36.50N:0.06:70.83E:0.06, h188km, n43, f146/52, mb3.7/13, 8C-5D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SFK, Sufi-Kurgan, 4.09 30 P, Pn, 15 29 34.5 +0.9

Table with columns: MK31, Makanchi Array, 13.38 36 P, Pn, 15 31 34.5 +1.0

DJA 03 15:32:20.7, 0.8, 8.53S:6.12E, h579km, 10km, M3.8/13, mb4.1/6, mb4.3/5, MLV3.9/13, Mw(mb)3.4/5

ISC 03 15:32:22.0, 2.0, 7.43S:0.121:43E, h582km, 15km, mb3.2/8, mb1.3, 4/11, mb1mx3.0/62, mbtmp4.3/11, Error ellipse: s-maj=40.8km s-min=10.2km az=58.0

ISCJB 03 15:32:22.0, 4.0, 7.58S:0.08:121.4E:0.1, h550km, mb3.7/7, Error ellipse: s-maj=15.9km s-min=7.3km az=149.6

ISC 03 15:32:20.4, 0.7, 7.48S:0.10:121.3E:0.1, h550km, n28, f268/31, mb3.8/7, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, EDFI, Ende, Flores, 1.03 165 P, P, 15 33 29.4 +1.8

ISC 03 15:56:54.1, 0.5, 10.92N:126.68E, h0km, mb4.0/23, mb1.4, 1/23, mb1mx4.0/61, mbtmp4/0.23, Error ellipse: s-maj=24.1km s-min=11.4km az=75.0

MAN 03 15:56:55.6, 0.1, 10.93N:126.77E, h50km, mb5.1, ML4.1, MS4.2

ISCJB 03 15:56:57.3, 0.3, 10.93N:0.03:126.72E:0.04, h37km, mb4.1/26, Error ellipse: s-maj=5.9km s-min=4.7km az=28.8

NEIC 03 15:56:57.5, 2.6, 10.89N:126.69E, h23km, 18km, mb4.7/8, Error ellipse: s-maj=9.2km s-min=4.8km az=73.0

ISC 03 15:56:59.3, 0.5, 10.94N:0.05:126.71E:0.07, h37km, n66, f1507/69, mb4.1/26, 3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, BESP, Borongan, 1.41 298 Op, Pn, 15 57 19.9 -2.5

ISC 03 15:56:54.1, 0.5, 10.92N:126.68E, h0km, mb4.0/23, mb1.4, 1/23, mb1mx4.0/61, mbtmp4/0.23, Error ellipse: s-maj=24.1km s-min=11.4km az=75.0

MAN 03 15:56:55.6, 0.1, 10.93N:126.77E, h50km, mb5.1, ML4.1, MS4.2

ISCJB 03 15:56:57.3, 0.3, 10.93N:0.03:126.72E:0.04, h37km, mb4.1/26, Error ellipse: s-maj=5.9km s-min=4.7km az=28.8

NEIC 03 15:56:57.5, 2.6, 10.89N:126.69E, h23km, 18km, mb4.7/8, Error ellipse: s-maj=9.2km s-min=4.8km az=73.0

ISC 03 15:56:59.3, 0.5, 10.94N:0.05:126.71E:0.07, h37km, n66, f1507/69, mb4.1/26, 3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, BESP, Borongan, 1.41 298 Op, Pn, 15 57 19.9 -2.5

Table with columns: KSAR, Wonju Array Be, 26.41 2 P, P, 16 02 33.4 +0.9

MAN 03 15:57:47.8, 10.67N:126.57E, h6km, mb4.6, ML3.5, MS3.4

ISC 03 15:57:48.3, 0.6, 10.67N:126.61E, h0km, mb4.0/17, mb1.4, 1/17, mb1mx3.6/61, mbtmp4/0.17, Error ellipse: s-maj=34.4km s-min=13.0km az=76.0

ISCJB 03 15:57:51.6, 0.4, 10.87N:0.06:126.59E:0.06, h37km, mb4.1/20, Error ellipse: s-maj=9.7km s-min=6.9km az=42.4

NEIC 03 15:57:53.4, 0.3, 10.87N:126.53E, h35km, mb4.4/6, Error ellipse: s-maj=16.4km s-min=6.4km az=74.0

ISC 03 15:57:53.6, 0.6, 10.88N:0.09:126.56E:0.09, h37km, n43, f078/49, mb4.1/20, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, BESP, Borongan, 1.31 303 Op, Pn, 15 58 14.1 -1.2

ML4.0(THE), Error ellipse: s-maj=7.7km s-min=5.1km az=198.0
 NEIC Felt at Irakleio.
 ATH 03 16:22:01.9, 35.777N-25.90E, h30km, ML3.9/0, Error ellipse: s-maj=1.5km s-min=0.9km az=108.0
 ISCJB 03 16:22:03.0, 35.777N-25.90E, h30km, ML3.9/0, Error ellipse: s-maj=1.5km s-min=0.9km az=108.0
 mb4.0/18, MS3.0/1, Error ellipse: s-maj=2.4km s-min=2.4km az=40.4
 THE 03 16:22:02.5, 35.766N-25.89E, h4km, ML4.0/14, Error ellipse: s-maj=0.9km s-min=0.3km az=240.0
 HLW 03 16:22:06.0, 35.32N-26.57E, h0km-5km, Md4.2, M4.1
 GII 03 16:22:09.6, 0.0, 35.15N-26.24E, h32km, mb4.1/2, MD3.6/6

DDA 03 16:22:38.7, 35.74N-25.91E, h31km, M4.2
 ISC 03 16:22:02.2, 1.0, 35.75N-0.02, 25.92E, 0.02, h17km, 6km, n191, 01971/239, mb4.0/18, Crete

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
NPS	Neapolis	0.55	207	S	Pb	16 22 13.3	-0.1	
NPS	Neapolis			S	Sb	16 22 21.4	+0.6	
NPS	Neapolis			AML	AML	16 22 23.3		
NPS	Neapolis			AML	AML	16 22 23.5		
NPS	Neapolis	0.55	207	P	Pb	16 22 13.2	-0.1	
NPS	Neapolis			S	Sb	16 22 21.2	+0.3	
STIA	Sitia Lasithi	0.56	165	S	Pb	16 22 14.1	+0.5	
STIA	Sitia Lasithi			S	Sb	16 22 22.5	+1.2	
ANAF	Anafi Island	0.62	349	P	Pg	16 22 14.4	0.0	
ANAF	Anafi Island			S	Sb	16 22 23.8	+0.8	
ANAF	Anafi Island	0.62	349	P	Pg	16 22 14.0	+0.4	
ZKR	Zakros	0.68	159	S	Pb	16 22 22.8	+0.1	
ZKR	Zakros			S	Sb	16 22 16.2	+0.7	
ZKR	Zakros			AML	AML	16 22 26.1	+1.4	
ZKR	Zakros			AML	AML	16 22 26.2		
ZKR	Zakros	0.68	159	P	Pb	16 22 16.0	+0.5	
ZKR	Zakros			S	Sb	16 22 15.8	+1.2	
LAST	Lasithi	0.69	212	S	Pb	16 22 15.0	0.0	
LAST	Lasithi			S	Sb	16 22 25.6	+0.6	
LAST	Lasithi			AML	AML	16 22 27.8		
LAST	Lasithi			AML	AML	16 22 31.0		
LAST	Lasithi	0.69	212	P	Pg	16 22 15.5	-0.2	
SANT	Santorini	0.72	329	PG	Pg	16 22 15.7	-0.7	
SANT	Santorini			PG	Pg	16 22 25.0	-1.0	
SANT	Santorini	0.72	329	ePb	Pb	16 22 16.4	0.0	
SANT	Santorini	0.72	329	S	Sb	16 22 16.2	-0.1	
SANT	Santorini			S	Sb	16 22 26.1	0.0	
SANT	Santorini			AML	AML	16 22 29.1		
SANT	Santorini			AML	AML	16 22 29.2		
SANT	Santorini	0.72	329	P	Pg	16 22 16.1	-0.3	
SANT	Santorini			S	Sb	16 22 26.4	+0.3	
THR6	Thira Island, Santorini-Akro	0.74	325	P	Pg	16 22 16.2	-0.4	
SAP1	Santorini-Akro	0.74	325	S	Sb	16 22 16.7	+0.1	
SAP1	Santorini-Akro			S	Sb	16 22 27.5	+1.0	
THR8	Santorini-Mono	0.75	323	P	Pg	16 22 16.2	-0.6	
THR8	Santorini-Mono			P	Pg	16 22 16.2	-0.6	
THR9	Athinios (Pele)	0.75	328	P	Pg	16 22 16.9	-0.1	
THR9	Athinios (Pele)			P	Pg	16 22 16.9	-0.1	
SAP2K	Karterados	0.76	330	P	Pg	16 22 16.9	-0.2	
STAX	Taxiarhis Har	0.77	327	S	Sb	16 22 16.4	0.4	
STAX	Taxiarhis Har			S	Sb	16 22 28.1	+0.7	
SFIR	Foira Santorini	0.78	330	P	Pb	16 22 17.5	+0.2	
THR7	Fira-Santorini	0.78	330	P	Pb	16 22 17.5	+0.2	
THR3	Thira Island, Santorini	0.78	328	P	Pg	16 22 17.0	-0.4	
THR2	Imerosvigli	0.80	330	P	Pg	16 22 17.4	+0.3	
THR2	Thira Island, Santorini	0.80	331	P	Pg	16 22 17.5	-0.3	
THR5	Thira Island, Santorini	0.81	325	P	Pg	16 22 17.5	-0.5	
THR5	Thira Island, Santorini			P	Pg	16 22 18.1	+0.1	
IACM	Heraklion	0.82	338	P	Pb	16 22 18.0	+0.1	
IACM	Heraklion			S	Sb	16 22 29.9	-0.8	
IACM	Heraklion			S	Sb	16 22 18.1	+0.2	
SAP3	Santorini-Thir	0.83	326	P	Pg	16 22 18.2	-0.2	
CMBO	Columbo, Santo	0.83	330	P	Pg	16 22 18.2	-0.2	
IDI	Anoyia	0.96	242	Ph	Pb	16 22 19.7	-0.7	
IDI	Anoyia			Ph	Pb	16 22 32.7	0.0	
IDI	Anoyia			LR	LR	16 22 53.8		
IDI	Anoyia			LR	LR	16 22 53.8		
IDI	Anoyia	0.96	242	SG	Sb	16 22 19.7	-0.7	
IDI	Anoyia			SG	Sb	16 22 32.6	-0.2	
IDI	Anoyia			SG	Sb	16 22 19.4	-0.9	
KARP	Karpathos	1.03	101	PN	Pn	16 22 23.1	+1.2	
KARP	Karpathos			SN	Sn	16 22 23.9	+2.9	
KARP	Karpathos	1.03	101	ePn	Pn	16 22 21.8	+0.2	
KARP	Karpathos			P	Pb	16 22 21.8	+0.2	
KARP	Karpathos			P	Pb	16 22 21.8	+0.2	
AMGA	Amorgos Island	1.08	359	P	Pb	16 22 22.2	-0.2	
AMGA	Amorgos Island			P	Pb	16 22 22.4	-0.1	
AMGA	Amorgos Island			S	Sb	16 22 38.2	+1.0	
IOSP	ios island	1.10	333	P	Pb	16 22 23.2	-0.5	
IOSP	ios island			S	Sb	16 22 36.4	-0.4	
IOSP	ios island			AML	AML	16 22 38.2		
IOSP	ios island			AML	AML	16 22 38.8		
IOSP	ios island	1.10	333	P	Pb	16 22 22.3	-0.5	
TMBK	Timbaki Herakl	1.16	235	P	Pg	16 22 24.2	-0.3	
SIVA	Sivas	1.16	231	P	Pg	16 22 24.2	-0.5	
SIVA	Sivas			S	Sb	16 22 39.4	+0.2	
SIVA	Sivas			AML	AML	16 22 43.4		
SIVA	Sivas			AML	AML	16 22 45.4		
SIVA	Sivas	1.16	231	P	Pg	16 22 24.1	-0.5	
NISR	Nisiros	1.30	48	P	Pg	16 22 26.4	+0.2	
NISR	Nisiros			S	Sb	16 22 44.4	+0.1	
NISR	Nisiros			S	Sb	16 22 27.0	+0.3	
APE	Apeiranthos Isl.	1.35	347	PN	Pn	16 22 27.3	+0.2	
APE	Apeiranthos	1.35	347	P	Pb	16 22 26.2	-0.2	
APE	Apeiranthos			S	Sb	16 22 43.4	-0.6	
APE	Apeiranthos			AML	AML	16 22 47.8		
APE	Apeiranthos			AML	AML	16 22 50.3		
APE	Apeiranthos	1.35	347	P	Pb	16 22 26.1	-0.2	
APE	Apeiranthos			S	Sb	16 22 45.1	-0.9	
VAM	Vamos	1.44	257	S	SG	16 22 28.4	-0.2	
VAM	Vamos			S	SG	16 22 47.7	-1.1	
VAM	Vamos			AML	AML	16 22 49.0		
VAM	Vamos			AML	AML	16 22 50.2		
VAM	Vamos	1.44	257	P	Pb	16 22 27.0	-0.5	
VAM	Vamos			S	Sb	16 22 46.8	+0.1	
CHAN	Chania	1.54	262	P	Pb	16 22 29.0	+0.1	
MHLO	Agia Marina, M	1.54	308	P	Pb	16 22 29.4	+0.5	
MHLO	Agia Marina, M			P	Pb	16 22 49.4	+0.2	
IMMV	Iera Moni Meta	1.60	260	P	Pb	16 22 29.0	+0.2	
IMMV	Iera Moni Meta			P	Pb	16 22 29.9	+0.2	
DAT	Datca	1.66	53	PN	Pn	16 22 32.8	+0.4	
DAT	Datca			S	Sb	16 22 32.9	+0.5	
DAT	Datca			S	Sb	16 22 57.1	+1.4	
BODT	Bodrum	1.73	40	PN	Pn	16 22 31.8	+0.3	
BODT	Bodrum			P	Pb	16 22 31.8	+0.3	
GVDS	Gavdos	1.75	239	P	Pb	16 22 34.1	+0.3	
GVDS	Gavdos			P	Pb	16 22 33.2	-0.6	
GVDS	Gavdos			P	Pb	16 22 33.6	-0.3	
BDRM	Kayabasi	1.80	43	iP	Pb	16 22 36.2	-0.6	
BDRM	Kayabasi			iP	Pb	16 22 31.1	+0.9	
ARG	Arkhangelos	1.85	75	PN	Pn	16 22 35.0	-0.5	
ARG	Arkhangelos			P	Pb	16 22 34.2	+1.1	
ARG	Arkhangelos			P	Pb	16 22 34.1	+1.0	
ARG	Arkhangelos			S	Sb	16 22 36.8	+0.3	
SMG	Samos	2.09	20	P	Pb	16 22 30.3	+0.9	
SMG	Samos			S	Sb	16 22 37.0	+0.1	
ANKY	Antikythira Is	2.13	274	P	Pb	16 22 37.0	+0.1	
ANKY	Antikythira Is			S	Sb	16 23 04.5	+1.4	
MLSB	Milas	2.15	44	PN	Pn	16 22 40.2	-0.5	
YER	Yerkesik	2.35	53	PN	Pn	16 22 42.5	-1.7	
KYTH	Kythira	2.38	283	P	Pb	16 22 41.1	+0.6	
KYTH	Kythira			P	Pb	16 22 41.1	+0.6	
KYTH	Kythira			P	Pb	16 22 41.4	+0.4	

DGB	zmir	2.43	18	iP	Pn	16 22 41.9	+0.8	
DGB	zmir			iS	Sg	16 23 21.1	+0.9	
TURN	Turunc	2.44	62	PN	Pn	16 22 39.3	-1.9	
TURN	Turunc			P	Pb	16 22 38.7	-2.5	
TURN	Turunc			S	Sb	16 22 36.8	-3.9	
DALY	Dalyan (Mu'la	2.45	63	iP	Pn	16 22 44.2	-1.6	
DALY	Dalyan (Mu'la			iS	Sb	16 23 14.4	-1.4	
AYDN	Tasoluk	2.48	39	iP	Sb	16 22 45.7	-0.6	
AYDN	Tasoluk			iS	Sg	16 23 21.6	-0.1	
VLI	Vellai	2.60	283	P	Pb	16 22 44.2	+0.7	
VLI	Vellai			P	Pb	16 22 46.4	+2.9	
URLA	Uzmir	2.66	12	PN	Pn	16 22 46.1	+1.7	
AYLB	Zeytinokoy-Aydi	2.71	35	PN	Pn	16 22 47.5	+2.5	
AYLB	Voula, Athens	2.71	322	P	Pb	16 22 45.4	+0.5	
FETHY	Fethiye	2.71	70	PN	Pb	16 22 47.9	-2.3	
FETHY	Fethiye			P	Pb	16 22 47.6	+1.7	
BLCB	Balcova	2.78	19	PN	Pn	16 22 46.5	+0.5	
DID	Didima	2.78	310	P	Sb	16 22 46.5	+0.5	
DID	Didima			S	Sb	16 23 17.9	-1.2	
DID	Didima			AML	AML	16 2		

FRD	Ford Ranch, An baz=143,SNR=5.9	36.68	330	P	P	16 43 51.9	+1.5	M39A	Webster baz=185	38.99	4	P	P	16 44 11.6	+2.1	BINY	Binghamton baz=209,SNR=5.5	43.28	21	P	P	16 44 44.9	-0.1
XPFO	Piacon Flat 14mm,1.4s	36.70	330	eP	P	16 43 51.1	+0.6	MSU	Marysvale	39.02	339	eP	P	16 44 11.2	+0.9	FXWY	Fox Creek 9.9mm,1.0s	43.29	344	eP	P	16 44 45.5	+0.2
PFO	Pinyon Flats O 16mm,1.4s	36.70	330	eP	P	16 43 51.2	+0.6	M41A	Milan baz=198	39.02	6	P	P	16 44 10.6	+0.8	MOOW	Moose Ponds 7.4mm,1.1s	43.32	344	eP	P	16 44 45.7	+0.2
PFO	Pinyon Flats O baz=143	36.70	330	P	P	16 43 51.0	+0.4	P53A	Whipple baz=202	39.05	17	P	P	16 44 10.7	+0.6	BWLO	Walkerton baz=201	43.41	15	P	P	16 44 45.3	-0.7
SS1A	Beattyville 19mm,1.5s	36.70	16	eP	P	16 43 50.0	-0.3	O50A	Cable baz=199	39.05	14	P	P	16 44 10.8	+0.6	F38A	Pierce Schro baz=185	43.47	4	P	P	16 44 47.0	+0.6
SS1A	Beattyville baz=200,SNR=7.2	36.70	16	P	P	16 43 50.8	+0.4	MPMC	Marl Prospect baz=144	39.17	331	P	P	16 44 12.7	+1.2	F41A	Three Lakes baz=189	43.49	6	P	P	16 44 47.0	+0.4
Q43A	New Douglas baz=193,SNR=5.2	36.72	8	P	P	16 43 50.9	+0.5	O20A	White River Ci 10mm,1.1s	39.27	344	eP	P	16 44 13.5	+1.2	IMW	Indian Meadow 6.9mm,1.0s	43.51	344	eP	P	16 44 47.6	+0.5
W13A	Hualapai Mount 9.7mm,1.4s	36.73	334	eP	P	16 43 50.1	-0.7	O20A	White River Ci baz=160	39.27	344	P	P	16 44 12.9	+0.6	F40A	Park Falls baz=188	43.56	5	P	P	16 44 47.5	+0.3
OLIL	Olney 26mm,1.1s	36.76	10	eP	P	16 43 50.3	-0.5	ACSO	Alum Creek Sta baz=200	39.30	15	P	P	16 44 12.6	+0.3	BEKR	Beckworth 7.2mm,1.0s	43.57	332	eP	P	16 44 48.4	+0.8
Q44A	Meyer Farm, Va baz=191	36.78	8	P	P	16 43 51.6	+0.7	TPNV	Topopah Spring baz=196	39.32	333	P	P	16 44 13.8	+1.2	BMRO	Merille Lake baz=201	43.84	15	P	P	16 44 49.3	-0.1
BELC	Belle Mtn. Jos baz=144	36.79	331	P	P	16 43 52.0	+0.7	P18A	Preston Nutter 12mm,1.2s	39.38	342	eP	P	16 44 13.3	0.0	DRWO	Darlington Wes baz=204	43.86	18	P	P	16 44 48.6	-1.0
R48A	Northridge Ran baz=196	36.86	13	P	P	16 43 52.3	+0.6	N48A	Decatur baz=146	39.40	13	P	P	16 44 13.6	+0.5	ORV	Orsville 5.8mm,1.3s	43.87	331	eP	P	16 44 50.2	+0.4
SS2A	Salysville baz=201,SNR=14	36.88	17	P	P	16 43 52.2	+0.3	N23A	Red Feather La 16mm,1.5s	39.44	347	P	P	16 44 13.3	-0.4	DRCO	St. Marys Ceme baz=204	43.88	18	P	P	16 44 50.2	+0.6
Q45A	Warren Harvey, baz=193	36.90	10	P	P	16 43 52.5	+0.5	N23A	Red Feather La baz=163	39.44	347	P	P	16 44 14.2	+0.5	CLWO	Collingwood baz=205	43.94	16	P	P	16 44 50.3	+0.1
R49A	Shelbyville baz=197,SNR=6.7	36.92	14	P	P	16 43 52.7	+0.5	L36A	Hard Buss Farm baz=181	39.50	1	P	P	16 44 14.5	+0.6	E39A	Mellen baz=187	43.98	5	P	P	16 44 50.8	+0.3
P39B	Salisbury baz=184,SNR=10.0	36.97	4	P	P	16 43 53.1	+0.5	L39A	Vinton baz=185	39.64	4	P	P	16 44 15.9	+0.9	WLVO	Wesleyville baz=188	44.01	18	P	P	16 44 50.8	+0.1
P40A	Paris 21mm,1.1s	37.06	4	eP	P	16 43 52.9	-0.5	L40A	Anamosa 25mm,1.3s	39.64	5	eP	P	16 44 13.9	-1.1	E40A	Wakefield baz=188	44.11	6	P	P	16 44 51.7	+0.1
P40A	Paris baz=186,SNR=5.9	37.06	4	P	P	16 43 53.9	+0.6	L40A	Anamosa baz=186	39.64	5	P	P	16 44 14.7	-0.4	YNR	Norris Junctio 16mm,1.2s	44.19	344	eP	P	16 44 53.5	+1.0
P38A	Dawn baz=183	37.06	3	P	P	16 43 54.2	+0.8	L41A	Preston baz=188	39.72	6	P	P	16 44 15.9	+0.2	RLMT	Red Lodge 6.6mm,1.1s	44.21	346	eP	P	16 44 53.7	+1.0
R50A	Paris baz=198,SNR=7.6	37.11	15	P	P	16 43 54.1	+0.3	N51A	Ashland baz=200	40.10	15	P	P	16 44 19.8	+0.9	RLMT	Red Lodge baz=160	44.23	344	eP	P	16 44 53.2	+0.5
U15A	North Rim 6.6mm,1.0s	37.22	337	eP	P	16 43 55.6	+0.5	L44A	Lake County Fo 9.2mm,1.4s	40.15	9	P	P	16 44 20.6	+1.3	YMR	Madison River 32mm,1.4s	44.23	344	eP	P	16 44 53.2	+0.4
Q47A	Bedord North L baz=195	37.26	12	P	P	16 43 55.6	+0.6	R11A	Troy Canyon, C 8.3mm,1.5s	40.20	335	eP	P	16 44 19.9	-0.2	HLID	Hailey 9.2mm,1.4s	44.28	340	eP	P	16 44 54.6	+1.5
GMRC	Granite Mounta baz=145	37.27	332	P	P	16 43 56.1	+0.7	R11A	Troy Canyon, C baz=146	40.20	335	P	P	16 44 21.4	+1.4	HLID	Hailey baz=152,SNR=6.9	44.28	340	eP	P	16 44 53.9	+0.7
P42A	Winchester 30mm,1.2s	37.27	7	eP	P	16 43 54.1	-1.0	K39A	Delwein baz=185	40.23	4	P	P	16 44 19.7	-0.3	YHH	Holmes Hill 12mm,1.5s	44.31	344	eP	P	16 44 54.7	+1.2
P42A	Winchester baz=188	37.27	7	P	P	16 43 55.8	+0.6	M49A	Liberty Center baz=198	40.23	13	P	P	16 44 19.7	-0.2	TOBO	Tobermory, Bru baz=205	44.35	14	P	P	16 44 53.0	-0.5
P41A	Barry, Barry baz=187,SNR=10	37.29	6	P	P	16 43 55.9	+0.7	K41A	Shuburg baz=188	40.27	6	P	P	16 44 20.6	+0.3	QLMT	Earthquake Lak baz=205	44.51	344	eP	P	16 44 56.3	+1.3
R51A	Hillsboro baz=200,SNR=9.6	37.33	16	P	P	16 43 56.0	+0.4	NLU	North Lily Min 9.7mm,1.0s	40.27	340	eP	P	16 44 21.6	+0.9	SADO	Sadova 12mm,1.0s	44.54	17	eP	P	16 44 54.3	-0.8
P44A	Sand Creek, Wi baz=191	37.39	9	P	P	16 43 57.3	+1.2	K40A	Colesburg baz=197,SNR=6.7	40.28	5	P	P	16 44 20.8	+0.4	TRY	Troy 5.9mm,1.6s	44.61	23	eP	P	16 44 54.5	-1.1
Q48A	North Vernon baz=196,SNR=9.8	37.40	13	P	P	16 43 56.5	+0.3	M51A	Elyria baz=200	40.54	15	P	P	16 44 23.0	+0.5	MFID	Camas Ranch 6.6mm,1.0s	44.64	339	eP	P	16 44 55.6	-0.4
P43A	Skaggs, Pawnee baz=190	37.43	8	P	P	16 43 57.5	+1.0	JFWS	Jewell Farm 5.2mm,1.2s	40.58	6	eP	P	16 44 21.9	-0.9	DELO	Deloro Mine baz=202	44.79	18	P	P	16 44 56.9	-0.1
BLO	Bloomington 16mm,1.0s	37.47	11	eP	P	16 43 56.1	-0.7	JFWS	Jewell Farm baz=188	40.58	6	P	P	16 44 23.8	+1.0	KLBO	Killbear Provi baz=202	44.81	15	P	P	16 44 54.9	-2.2
PV01	Paradox Valley Galt	37.50	343	eP	P	16 43 58.8	+1.4	O56A	Blue Knob Stat 53mm,1.6s	40.66	20	eP	P	16 44 22.3	-1.3	WVOR	Wild Horse Val baz=206	44.89	336	P	P	16 44 56.8	-1.3
O38A	Galt baz=183	37.56	3	P	P	16 43 58.4	+0.8	O56A	Blue Knob Stat baz=206	40.66	20	P	P	16 44 23.6	0.0	MCMT	McKenzie Canyo baz=155	44.91	342	eP	P	16 44 59.3	+1.0
O37A	Wolfen Farm, M baz=182	37.58	2	P	P	16 43 58.3	+0.5	J36A	Seneca 1, Swea 23mm,1.3s	40.73	1	eP	P	16 44 24.1	0.0	LAO	LAS Array baz=155	45.06	350	P	P	16 45 00.0	+0.8
P45A	Graceland, Par baz=193	37.59	10	P	P	16 43 58.7	+0.9	J36A	Seneca 1, Swea baz=182	40.73	1	P	P	16 44 24.9	+0.8	BUKO	Buck Lake baz=203,SNR=7.2	45.11	16	P	P	16 44 59.4	-0.2
PV13	Radium Mtn., P 12mm,1.3s	37.60	343	eP	P	16 43 59.7	+1.4	J37A	Redenius Farm, baz=183	40.74	2	P	P	16 44 24.6	+0.4	BANO	Bancroft baz=205	45.15	18	P	P	16 44 59.5	-0.4
PV05	Paradox Valley Paradox Valley	37.61	342	eP	P	16 43 59.4	+1.0	DUG	Dugway, Tooele baz=183	40.74	340	eP	P	16 44 24.4	0.0	MOD	Modoc Plateau 8.6mm,1.2s	45.17	334	eP	P	16 44 59.7	+0.6
PV02	Paradox Valley 19mm,1.4s	37.62	343	eP	P	16 43 59.6	+1.2	DUG	Dugway, Tooele baz=153,SNR=16	40.74	340	P	P	16 44 25.4	+1.0	BOZ	Bozeman (W) 12mm,1.4s	45.27	344	eP	P	16 45 02.0	+1.0
R52A	Cattlettsburg baz=201	37.62	17	P	P	16 43 58.5	+0.4	J38A	Wedel Dairy, R 9.2mm,1.4s	40.80	3	P	P	16 44 24.8	+0.2	BOZ	Bozeman (W) baz=157,SNR=5.7	45.27	344	P	P	16 45 02.6	+1.6
HEC	Hector, Ludlow baz=147	37.62	331	P	P	16 43 59.1	+0.8	N54A	Moraine State 15mm,1.1s	40.83	18	P	P	16 44 23.1	-1.8	DLMT	Dillon 9.2mm,1.1s	45.32	343	eP	P	16 45 01.5	0.0
O40A	La Belle baz=186	37.66	5	P	P	16 43 58.9	+0.5	N54A	Moraine State baz=204	40.83	18	P	P	16 44 25.2	+0.2	PLVO	Plevna baz=206	45.43	18	P	P	16 45 01.4	-0.6
Q49A	Aurora baz=197,SNR=6.7	37.66	14	P	P	16 43 58.7	+0.3	J39A	Decrah baz=186	40.87	4	P	P	16 44 25.5	+0.3	LRM	Limekiln Ridge baz=205	45.70	343	eP	P	16 45 04.9	+0.4
PV03	Paradox Valley Skein Mesa, Pa	37.69	343	eP	P	16 44 00.0	+1.0	L49A	Milan baz=198	40.88	13	P	P	16 44 25.3	0.0	LONY	Lake Ozona baz=21	45.89	21	P	P	16 45 06.5	+0.7
PV18	Skein Mesa, Pa 7.7mm,1.2s	37.70	343	eP	P	16 43 59.5	+0.4	J40A	Solars Grove baz=187	41.01	5	P	P	16 44 25.3	0.0	TAOE	Nuku Hiva Isla 300mm,24.8s	45.91	255	eLR	LR	16 58 03.4	
Q50A	Georgetown baz=193,SNR=5.8	37.73	15	P	P	16 43 59.3	+0.2	J41A	Loganville baz=188	41.05	6	P	P	16 44 26.5	-0.2	PEMO	Pembroke baz=206	45.95	18	P	P	16 45 05.4	-0.7
PV12	Saucer Basin, 23mm,1.4s	37.74	343	eP	P	16 44 00.8	+1.4	TCUT	Toone Canyon 32mm,1.4s	41.10	342	eP	P	16 44 26.5	-0.2	RKT	Ricketts 3.5mm,0.3s	46.10	234	eT	T	17 34 22.9	
O41A	Passeyes Farm, baz=187,SNR=6.9	37.74	6	P	P	16 43 59.9	+0.8	ECSD	EROS Data Cent 12mm,1.1s	41.14	359	eP	P	16 44 28.3	+0.8	ORIO	Orleans, Innes baz=208	46.30	19	P	P	16 45 08.4	-0.5
P46A	Rosedale baz=193,SNR=8.3	37.77	10	P	P	16 43 59.8	+0.5	ECSD	EROS Data Cent baz=183,SNR=10	41.14	359	P	P	16 44 27.5	+0.1	BMO	Blue Mountains Vila Florida						

Table with columns: 3d 18h, Station Name, Azimuth, Phase, Time, Residual. Includes stations like THR6 Thira Island, SAPI Santorini-Akro, THR1 Athinios (Pele), etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, YOY Yonaguni jima, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like CHGB Renai, HSN Hsihsu, HATJ Hateruma jima, etc.

IDC 03 17:52:54.5:0.5, 10:54N:126:79E, h0km, mb4.1/18, mb1 4.2/18, mb1mx4.0/63, mbmp4.1/18, MS2.8/2, Ms1 2.8/2, ms1mx2.5/64, Error ellipse: s-maj=29.1km s-min=11.6km az=70.0

IS/CJB 03 17:52:57.4:1.8, 10:68N:126:92E:0.04, h31km, 13km, mb4.1/20, MS2.6/1, Error ellipse: s-maj=7.0km s-min=6.0km az=168.7

NEIC 03 17:52:59.5:6.8, 10:53N:126:81E, h33km, 48km, mb4.7/2, Error ellipse: s-maj=18.2km s-min=8.0km az=69.0

ISC 03 17:52:58.2:3.0, 10:71N:126:88E:0.08, h25m, 21km, ms3, r18/47, mb4.2/21, 1C-2D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Residual. Includes stations like SCPH Surigao, BEOR Borongan, PLP Palo, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like ENA Nanao, ENAH Nanao, ENAH Taipei, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like CHKT Chengkung, WKG Gukung, ELDTW Lidau, etc.

MAN 03 18:00:45.8, 11:01N:127:08E, h33km, mb4.9, ML3.8, MS3.8

IDC 03 18:00:48.0:0.9, 10:53N:126:17E, h0km, mb3.8/9, mb1 3.9/10, mb1mx3.6/8, mbmp3.9/10, ML3.7/1, Error ellipse: s-maj=57.6km s-min=15.6km az=63.0

IS/CJB 03 18:00:51.0:5.0, 10:95N:126:66E:0.07, h44km, mb3.9/10, Error ellipse: s-maj=9.4km s-min=6.1km az=168.3

NEIC 03 18:00:53.1:0.7, 10:93N:126:66E:0.09, h44km, n22, Error ellipse: s-maj=24.0km s-min=9.6km az=71.0

ISC 03 18:00:53.1:0.7, 10:93N:126:66E:0.09, h44km, n22, r177/30, mb3.9/10, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Residual. Includes stations like EOS1 EOS1, EGS, TWB1 Santiao Chiao, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like TDCB Techu, TWB1 Santiao Chiao, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Residual. Includes stations like BEOR Borongan, PLP Palo, MAAS Maasin, etc.

3d 18h

2012 SEP

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TSI Tuntungan, DAV Davao City (W), DAV Davao City (W), etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like OCLP Ormoc, SJMP San Jose, SJMP San Jose, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like HKC Hong Kong Obse, CMCT Chiang Mai, CHTO Chiang Mai, etc.

USRK	S	S	18 40 39.7	-3.0
USRK	comp=Z,18nm,1.2s,baz=200,slow=16,SNR=8.0	PKPPKP P'P'df	19 02 37.8	-0.8
USRK	comp=Z,4.5nm,0.9s,baz=330,slow=2.6,SNR=6.8	PK2bc	19 02 52.8	
MLZ	1.1nm,1.1s,baz=50,slow=3.0,SNR=4.9	Mavora Lakes 57.57 137 eP	18 32 54.9	+0.2
MIR	Milmyy 57.59 190 j/P	P	18 32 56.0	+1.6
MIR	ePPP	P	18 36 26.0	
MIR	eS	S	18 40 50.0	+0.3
MIR	ePS	PnS	18 41 08.0	+4.0
MIR	eSS	SS	18 44 42.0	+2.0
MIR	comp=Z,819nm,2.0s	pmax pmax		
MIR	comp=Z,12um,4.0s	pmax pmax		
WHZ	Wether Hill Ro 57.63 138 eP	P	18 32 54.5	-0.6
WKZ	Wanaka 58.00 137 eP	P	18 32 57.2	-0.5
MSEY	Mahe Island 58.20 271 eP	P	18 32 59.6	-0.1
MSEY	comp=Z,237nm,1.0s	LR LR		
MSEY	comp=Z,21um,21.0s	P	18 33 00.3	+0.6
MSEY	Mahe Island 58.20 271 i/P	P	18 33 00.1	+0.5
MSEY	Mahe Island 58.20 271 eP	P	18 32 59.6	-0.1
MSEY	comp=Z,237nm,1.0s	MLR pmax		
MSEY	comp=Z,21um,21.0s	MLR MLR		
ULN	Ulaanbaatar 58.60 355 eP	P	18 33 02.1	+0.2
ULN	comp=Z,298nm,0.9s	LR LR		
ULN	comp=Z,15um,19.0s	LR LR		
ULN	Ulaanbaatar 58.60 355 P	P	18 33 02.2	+0.2
ULN	Ulaanbaatar 58.60 355 d/P	P	18 33 02.1	+0.2
ULN	comp=Z,449nm,1.7s	MLR MLR		
ULN	comp=Z,8um,21.0s	P	18 33 02.4	+0.3
SONM	Songino Array 58.64 354 P	P	18 33 53.2	+1.2
SONM	comp=Z,166nm,0.8s,baz=175,slow=7.2,SNR=4.08	PcP		
SONM	comp=Z,279nm,0.9s,baz=170,slow=3.9,SNR=2.3	S	18 41 03.1	-1.1
SONM	comp=Z,2.1nm,0.9s,baz=113,slow=3.4,SNR=3.0	LR LR	18 59 32.9	
SONM	comp=Z,14um,21.4s,baz=170,slow=37	PKPPKP P'P'df	19 02 34.3	-1.8
SONM	comp=Z,4.4nm,1.0s,baz=324,slow=2.0,SNR=7.3	PK2bc	19 02 49.3	
SONM	comp=Z,1.7nm,1.2s,baz=297,slow=1.4,SNR=6.8	P4Kpbc	19 10 11.0	
SONM	comp=Z,1.5nm,1.0s,baz=164,slow=5.2,SNR=6.9	P4Kpbc		
SONA	Songino Array 58.65 354 eP	P	18 33 02.3	+0.1
LBZ	Lake Benmore 58.66 136 eP	P	18 33 01.2	-1.1
NIL	Niilore 58.67 320 eP	P	18 33 01.4	-1.1
NIL	comp=Z,8um,20.0s	LR LR		
NIL	Niilore 58.67 320 eP	MLR MLR	18 33 01.4	-1.1
NIL	comp=Z,8um,20.0s	MLR MLR		
ERM	Erino 58.89 25 eP	P	18 33 03.5	-0.2
ERM	comp=Z,236nm,1.2s	LR LR		
ERM	Erino 58.89 25 c/P	P	18 33 03.6	-0.2
ERM	comp=Z,168nm,1.7s	pmax pmax		
ERM	comp=Z,168nm,1.7s	MLR MLR		
RPZ	Rata Peaks 59.07 135 eP	P	18 33 04.6	-0.6
RPZ	comp=Z,1um,1.4s	P		
TEY	Ternei 59.11 190 d/e	P	18 33 05.2	0.0
TEY	e	P	18 33 09.7	
TEY	eS	S	18 35 12.9	
TEY	eS	S	18 41 05.1	-4.9
TEY	comp=Z,30nm,1.4s	pmax pmax		
TEY	comp=N,110nm,1.1s	pmax pmax		
TEY	comp=Z,250nm,1.2s	pmax pmax		
TEY	comp=Z,1um,2.3s	smax smax		
TEY	comp=N,14um,5.9s	smax smax		
ODZ	Otahua Downs 59.16 136 eP	P	18 33 04.8	-1.0
ODZ	comp=Z,291nm,1.4s	P		
OZU	Omahuta 59.17 125 eP	P	18 33 07.0	+1.0
OZU	comp=Z,710nm,1.5s	P		
WMQ	Urumqi 59.27 338 j/P	P	18 33 07.8	+1.3
WMQ	comp=Z,672nm,1.0s	pP pP	18 33 13.6	-3.6
WMQ	comp=Z,672nm,1.0s	sP sP	18 33 22.1	+0.9
WMQ	comp=Z,672nm,1.0s	PcP PcP	18 33 54.8	+0.3
WMQ	comp=Z,672nm,1.0s	PcS PcS	18 37 59.1	+2.7
WMQ	comp=Z,672nm,1.0s	S S	18 41 13.6	+1.2
WMQ	comp=Z,672nm,1.0s	SS SS	18 45 10.9	+3.2
WMQ	comp=E,500nm,1.5s	pmax pmax		
WMQ	comp=E,15um,11.3s	LR LR		
WMQ	comp=E,20um,22.3s	LR LR		
WMQ	comp=E,26um,22.3s	LR LR		
WMQ	comp=E,17um,23.7s	LR LR		
OXZ	Oxford 59.66 134 eP	P	18 33 08.0	-1.3
LTZ	Lake Taylor 59.69 133 eP	P	18 33 08.6	-0.9
LTZ	comp=Z,407nm,1.7s	P		
TARA	Tarawa 59.84 82 eP	P	18 33 12.4	+1.4
TARA	comp=Z,1um,1.6s	LR LR		
TARA	comp=Z,624nm,22.0s	LR LR		
WAKE	Wake Island 59.84 60 eP	P	18 33 11.7	+0.8
WAKE	comp=Z,1um,1.5s	LR LR		
THZ	Tophouse 59.90 132 eP	P	18 33 11.0	0.0
THZ	comp=Z,672nm,1.0s	P		
HIA	Hailar 59.90 4 eP	P	18 33 10.3	-0.4
HIA	comp=Z,150nm,1.0s	LR LR		
HIA	comp=Z,7um,19.0s	LR LR		
HIA	Hailar 59.90 4 eP	pmax pmax	18 33 10.3	-0.4
HIA	comp=Z,150nm,1.0s	MLR MLR		
CRLZ	Canterbury Las 60.13 134 eP	P	18 33 12.6	+0.1
CRLZ	comp=Z,7um,19.0s	P		
MQZ	McQueen's Vall 60.19 134 eP	P	18 33 12.8	-0.1
MQZ	comp=Z,1um,1.5s	P		
H11N1	WAKE ISLAND Hy 60.23 60 P	P	18 33 15.2	+2.0
H11N1	comp=Z,237nm,1.1s	P		
H11N2	WAKE ISLAND Hy 60.24 60 P	P	18 33 14.1	+0.8
H11N2	comp=Z,237nm,1.1s	P		
H11N3	WAKE ISLAND Hy 60.25 60 P	P	18 33 15.4	+2.0
H11N3	comp=Z,237nm,1.1s	P		
ASAJ	Asahikawa 60.42 23 P	P	18 33 14.3	0.0
ASAJ	comp=Z,56nm,0.7s,baz=234,slow=11,SNR=37	S	18 41 23.5	-3.5
ASAJ	comp=Z,8.6nm,1.2s,baz=171,slow=1.9,SNR=2.2	LR LR	19 00 25.4	
ASAJ	comp=Z,6um,21.4s,baz=219,slow=37	LR LR		
ASAJ	Asahikawa 60.42 23 eP	P	18 33 14.4	+0.1
ASAJ	comp=Z,199nm,1.1s	S		
ASAJ	Kahutara 60.51 133 eP	P	18 33 14.6	-0.5
ASAJ	comp=Z,1um,1.8s	P		
HIZ	Hauiti 60.71 128 eP	P	18 33 18.3	+1.7
HIZ	comp=Z,2um,1.7s	P		
SNZO	South Karori 61.12 131 eP	P	18 33 18.5	-0.8
SNZO	comp=Z,468nm,1.0s	LR LR		
SNZO	comp=Z,37um,19.0s	LR LR		

ZAK	Zakamensk 61.51 352 eP	P	18 33 21.3	-0.5	
ZAK	comp=Z,166nm,1.4s	pmax pmax	18 41 42.3		
ZAK	comp=Z,1.1nm,1.3s,baz=9.1,slow=18,SNR=11	S	18 41 38.8	-4.0	
KLR	Kul'dur 61.67 13 S	S	18 33 22.1	-0.6	
KLR	Kul'dur 61.67 13 i/P	P	18 33 22.7	-0.2	
YUK	Yuzh-Kuril'sk 61.68 26 d/P	P	18 35 37.1	-3.9	
YUK	i	S	18 45 45.4	+0.1	
YUK	i	SS			
YUK	i	SS			
YUK	comp=E,103nm,0.9s	pmax pmax			
YUK	comp=N,145nm,1.3s	pmax pmax			
YUK	comp=Z,1um,3.8s	pmax pmax			
KBL	Kabul 61.92 319 eP	P	18 33 24.1	-0.9	
KBL	comp=Z,793nm,1.3s	eP			
KBL	Kabul 61.92 319 eP	pmax pmax	18 33 24.1	-0.9	
BKZ	Black Stump Fm 62.08 129 eP	P	18 33 25.7	-0.2	
BKZ	comp=Z,238nm,1.0s	P			
SHLS	Shalkode 62.14 332 j/P	P	18 33 25.8	-0.4	
SHLS	comp=Z,784nm,1.6s	i/S	18 41 46.8	-2.4	
SHLS	i/S	LR	19 02 08.2		
BFZ	Birch Farm 62.15 130 eP	P	18 33 25.9	-0.3	
BFZ	comp=Z,3um,16.2s	P			
PDGK	Podgornoye 62.26 332 P	P	18 33 27.7	+0.7	
PDGK	comp=Z,864nm,1.4s	pmax pmax			
UZB	Uzymbulak 62.34 332 j/P	P	18 33 28.1	+0.6	
UZB	comp=Z,582nm,1.6s	i/S	18 41 51.4	-0.4	
UZB	i/S	LR	19 01 32.2		
URZ	Urewera 62.42 128 LR	LR	18 33 28.1	+0.1	
URZ	comp=Z,39um,18.6s,baz=288,slow=37	P			
URZ	Urewera 62.42 128 eP	P	18 33 29.1	+1.2	
CIT	Chita 62.44 360 eP	P	18 33 29.1	+1.2	
CIT	comp=Z,449nm,1.7s	eP	18 33 36.9		
CIT	eS	S	18 35 51.8		
CIT	eS	S	18 41 55.1	+2.6	
CIT	e	pmax	18 43 16.7		
SATY	Saty 62.56 331 j/P	P	18 33 29.6	+0.6	
SATY	comp=Z,552nm,1.3s	i/S			
SATY	comp=Z,852nm,1.6s	LR LR	18 41 54.0	-0.5	
SATY	i/S	LR	19 03 38.8		
ZHN	Zhinishke 62.63 331 j/P	P	18 33 30.1	+0.6	
ZHN	comp=Z,3um,15.0s	P			
ZHN	comp=Z,934nm,1.5s	P			
ZHN	Kokpek 62.74 332 j/P	P	18 33 30.6	+0.4	
ZHN	comp=Z,832nm,1.3s	i/S	18 41 55.9	-0.8	
KPKS	KPKS 62.74 332 j/P	LR	19 03 04.7		
KPKS	comp=Z,3um,13.7s	i/S			
TLY	Talaya 62.74 353 eP	P	18 33 28.9	-1.0	
TLY	comp=Z,202nm,1.1s	LR LR			
TLY	Talaya 62.74 353 d/P	P	18 33 30.8	+0.9	
TLY	comp=Z,10um,22.0s	P			
TLY	Talaya 62.74 353 d/P	P	18 33 30.4	+0.5	
TLY	comp=Z,1um,1.4s	P	18 34 15.5		
TLY	e	S	18 35 53.9		
TLY	e	S	18 41 49.7	-6.5	
TLY	e	S	18 43 16.6		
TLY	eSS	SS	18 46 02.0	+0.3	
TLY	e	pmax pmax			
SFK	Sufi-Kurgan 62.84 326 P	P	18 33 32.0	+0.9	
SFK	comp=Z,2um,1.4s	pmax pmax			
YSS	Yuzh-Sakhalins 62.87 22 eP	P	18 33 30.5	-0.2	
YSS	comp=Z,1um,1.7s	LR LR			
YSS	comp=Z,3um,21.0s	i/P	18 33 30.3	-0.5	
YSS	Yuzh-Sakhalins 62.87 22k i/P	P	18 33 35.7	-5.7	
YSS	e'SP	P	18 35 47.8		
YSS	i/S	S	18 41 56.6	-1.3	
YSS	e	S	18 42 30.9		
YSS	eSS	SS	18 46 03.5	-0.3	
YSS	e	pmax pmax			
YSS	comp=Z,310nm,1.6s	pmax pmax			
YSS	comp=N,110nm,1.5s	pmax pmax			
YSS	comp=E,70nm,1.8s	pmax pmax			
ULHL	Ulahol 63.00 329 P	P	18 33 33.2	+1.1	
ULHL	SNR=22	P			
MOY	Mondy 63.09 351 eP	P	18 33 33.1	+0.8	
MOY	comp=Z,401nm,2.7s	pmax pmax			
CRZF	Crozet Islands 63.19 223 eP	P	18 33 32.8	-0.2	
CRZF	comp=Z,570nm,0.7s	P			
WBK	Wadi Bani Khal 63.21 302 P	P	18 33 33.2	-0.4	
WBK	SNR=14	P			
IRK	Irkutsk 63.22 353 eP	P	18 33 33.3	+0.3	
IRK	comp=Z,517nm,1.5s	eP	18 35 56.3		
IRK	comp=Z,891nm,1.2s	eS	18 41 59.3	-2.9	
IRK	comp=Z,517nm,1.5s	pmax pmax			
MXZ	Matakaoa Point 63.26 127 eP	P	18 33 34.8	+1.1	
MXZ	comp=Z,891nm,1.2s	P			
MDOK	Medeo 63.29 331 i/P	P	18 33 34.4	+0.5	
MDOK	comp=Z,7um,1.9s	i/S	18 42 04.9	+1.3	
MDOK	i/S	LR	19 03 24.5		
KZA	Kyzart 63.38 329 P	P	18 33 35.7	+0.9	
KZA	SNR=327	P			
AAA	Alma-Ata 63.38 330j eP	P	18 33 35.2	+0.9	
AAA	comp=Z,626nm,1.5s	eS	18 42 05.7	+0.9	
AAA	i/S	LR	19 05 31.3		
AAA	comp=Z,5um,16.5s	S	18 33 35.0	+0.6	
AAA	Alma-Ata 63.38 330 eP	P	18 42 04.1	-0.6	
AAA	comp=Z,5um,6.4s	pmax pmax			
AAA	comp=Z,5um,6.4s	smax			
ZSN	Zaisan 63.40 338 j/P	P	18 33 34.1	-0.3	
ZSN	comp=Z,13um,8.1s	i/S			
ZSN	comp=Z,244nm,3.2s	P	18 42 04.3	-0.3	
KUR	Kuril'sk 63.50 26 d/P	P	18 33 35.1	+0.1	
KUR	comp=N,365nm,1.5s	i/S	18 37 25.9		
KUR	comp=N,365nm,1.5s	pmax pmax	18 42 04.4	-1.4	
KUR	comp=Z,1um,1.1s	pmax pmax			
KUR	comp=E,119nm,1.1s	pmax pmax			
KUR	comp=Z,7um,5.0s	MLR MLR			
KUR	comp=N,2um,17.0s	MLR MLR			
KUR	comp=Z,2um,17.0s	MLR MLR			
WSAR	Wadi Sarin 63.77 302 P	P	18 33 37.3	0.0	
WSAR	comp=E,545nm,13.0s	P			
WSAR	comp=E,152nm,0.7s,baz=147,slow=6.0,SNR=107	S	18 42 09.1	-1.0	
WSAR	comp=E,1.5nm,0.6s,baz=339,slow=14,SNR=4.5	LR LR	18 59 09.9		
WSAR	comp=E,18um,20.4s,baz=134,slow=34	PKPPKP P'P'df	19 02 31.1	-0.3	
WSAR	comp=Z,24nm,1.3s,baz=348,slow=4.2,SNR=6.0	PK2bc	19 02 37.6		
WSAR	comp=E,35nm,1.1s,baz=292,slow=3.5,SNR=7.8	SNR=827	P		
WSAR	Wadi Sarin 63.77 302 P	P	18 33 37.2	0.0	
MK01	Makanchi Array 63.81 336 eP	P	18 33 36.5	-0.6	
MK01	TKM2 63.82 329 P	P	18 33 37.9	+0.5	
MK01	TKM2 63.82 329 P	P	18 33 37.7	+0.2	

Table with columns: ID, Name, Value, Count, Status, Code, Date, Value, Count, Status, Code. Includes entries like White River Ci, Black Hills, Black Hills, Maddock, Petrified Fore, Lac du Bonnet, etc.

Table with columns: ID, Name, Value, Count, Status, Code, Date, Value, Count, Status, Code. Includes entries like Park Falls, Holcombe, Kenton, Conover, Amarillo, etc.

Table with columns: ID, Name, Value, Count, Status, Code, Date, Value, Count, Status, Code. Includes entries like La Belle, Garden Prairie, Harden Midland, Sheffield, Willow Grove F, etc.

191											2012 SEP										3d 18h									
L49A	Milan	145.05	23	P	PKPdf	18 42 42.5 +0.1	baz=328	141A	Papa Simpson,	147.01	44	P	PKPbc	18 42 47.4 -0.6	baz=345	145A	Houston Renfro	149.01	42	P	PKPdf	18 42 50.0 +0.8								
X39A	Fountain Ranch	145.08	43	P	PKPdf	18 42 43.2 +0.6	baz=306	Y42A	Garnett, Star	147.02	42	P	PKPdf	18 42 46.9 +1.0	baz=310	X47A	Russellsville	149.01	37	P	PKPdf	18 42 49.1 -0.1								
V40A	Witts Springs	145.13	40	P	PKPab	18 42 42.4 0.0	baz=309	WC1	Wyandotte Cave	147.10	30	ePKPdf	18 42 46.6 +0.6	baz=326	S52A	Sylversville	149.06	27	P	PKPdf	18 42 48.8 +0.6									
DRWO	Darlington Wes	145.15	16	P	PKPdf	18 42 43.3 +0.9	baz=327	WC1	Wyandotte Cave	147.10	30	ePKP2	18 42 46.6 +0.6	baz=304	W48A	Pulaski	149.10	35	P	PKPdf	18 42 49.7 +0.4									
DRCO	St. Marys Ceme	145.15	16	P	PKPdf	18 42 43.2 +0.8	baz=327	P50A	Jamestown	147.14	26	P	PKPdf	18 42 46.0 0.0	baz=304	543A	St. Martinville	149.17	47	P	PKPbc	18 42 52.5 -1.3								
R43A	Red Bud	145.17	34	P	PKPab	18 42 42.4 +0.1	baz=327	Q49A	Aurora	147.15	28	P	PKPdf	18 42 46.4 +0.3	baz=304	344A	Westbrook Farm	149.18	44	P	PKPdf	18 42 51.0 +1.4								
WLVO	Wesleyville	145.19	16	P	PKPdf	18 42 43.2 +0.7	baz=324	X43A	Marionville	147.17	40	P	PKPbc	18 42 47.4 -1.0	baz=304	V49A	Hicklinville	149.19	33	P	PKPdf	18 42 49.7 +0.2								
M48A	Edgerton	145.19	25	P	PKPdf	18 42 42.7 +0.1	baz=310	T46A	Princeton	147.18	33	P	PKPdf	18 42 46.9 +0.8	baz=319	T51A	Gray	149.24	29	P	PKPdf	18 42 50.4 +0.9								
Q44A	Meyer Farm, Va	145.20	32	P	PKPdf	18 42 42.8 +0.1	baz=318	R48A	Northridge Ran	147.18	29	P	PKPdf	18 42 46.7 +0.6	baz=324	U50A	Jamestown	149.24	31	P	PKPdf	18 42 50.6 +1.1								
T00A	Toronto-Lesli	145.21	17	P	PKPdf	18 42 43.3 +0.7	baz=329	O51A	Pataaskala	147.18	24	P	PKPdf	18 42 46.2 +0.1	baz=312	Z46A	Louisville	149.26	40	P	PKPdf	18 42 50.9 +1.3								
U41A	Viola	145.34	38	P	PKPbc	18 42 42.9 0.0	baz=329	U45A	Rockin P Farm,	147.20	35	P	PKPdf	18 42 46.6 +0.5	baz=312	245A	Little AP, Sta	149.39	42	P	PKPdf	18 42 50.9 +1.0								
W40A	Ferguson Farm,	145.35	41	P	PKPab	18 42 43.7 +0.6	baz=308	Z42A	Norrel Spur, H	147.26	43	P	PKPdf	18 42 47.1 +0.7	baz=314	Y47A	UCPARC, Winfie	149.45	37	P	PKPdf	18 42 50.3 +0.4								
T42A	Van Buren	145.38	37	P	PKPab	18 42 43.4 +0.3	baz=308	S47A	Hartford	147.30	32	P	PKPdf	18 42 46.6 +0.3	baz=314	W49A	Belvidere	149.48	34	P	PKPdf	18 42 50.6 +0.6								
P45A	Graceland, Par	145.38	30	P	PKPab	18 42 43.7 +0.7	baz=320,SNR=7.6	241A	Mo Toy, Goidon	147.33	45	P	PKPbc	18 42 48.2 -0.7	baz=319	X48A	Hartselle	149.53	36	P	PKPdf	18 42 50.6 +0.5								
LONY	Lake Ozonia	145.38	11	ePKPdf	LR	18 42 43.0 +0.1	baz=305	BNY	Binghamton	147.41	14	ePKPdf	LR	18 42 46.9 +0.5	baz=311	146A	Union	149.55	41	P	PKPdf	18 42 51.0 +0.9								
LONY	comp=Z,5um,19.0s	145.38	11	P	PKPab	18 42 43.2 +0.3	LR	BNY	Binghamton	147.41	14	P	PKPdf	18 42 47.1 +0.7	baz=311	T52A	Hallie	149.57	27	P	PKPdf	18 42 51.0 +0.9								
MIAR	Lake Ozonia	145.42	42	ePKPdf	LR	18 42 43.9 +0.6	baz=342	N54A	Moraine State	147.42	20	P	PKPdf	18 42 46.7 +0.2	baz=326	444A	Pine Grove	149.60	45	P	PKPdf	18 42 51.9 +1.7								
MIAR	Mount Ida	145.42	42	ePKPdf	LR	18 42 43.9 +0.6	baz=334	W44A	Shelby Farms P	147.42	38	P	PKPdf	18 42 47.4 +0.8	baz=306	544A	Whitcomb Castle	149.66	47	P	PKPdf	18 42 52.5 +2.2								
MIAR	comp=Z,5um,22.0s	145.42	42	ePKIKP	MLR	18 42 43.9 +0.6	baz=313	V45A	Humboldt	147.51	36	P	PKPdf	18 42 47.0 +0.3	baz=304	U51A	La Follette	149.68	30	P	PKPdf	18 42 51.0 +0.7								
MIAR	Mount Ida	145.42	42	P	PKPab	18 42 43.9 +0.6	baz=315	U46A	Springville	147.52	35	P	PKPdf	18 42 47.4 +0.7	baz=323	V50A	Pikeville	149.69	32	P	PKPdf	18 42 50.4 +0.1								
PKME	Peaks-Kenny Pk	145.42	4	ePKPdf	LR	18 42 43.4 +0.4	baz=311	Y43A	Makayla and Ka	147.53	41	P	PKPbc	18 42 48.2 -1.2	baz=308	345A	Thompson Farm,	149.74	44	P	PKPdf	18 42 51.8 +1.3								
PKME	comp=Z,4um,19.0s	145.42	4	P	PKPab	18 42 43.7 +0.7	baz=310	341A	Kurthwood	147.54	47	P	PKPbc	18 42 48.5 -1.0	baz=308	TZTN	Tazewell	149.77	29	ePKPdf	PKPdf	18 42 51.4 +1.0								
PKME	Peaks-Kenny Pk	145.42	4	P	PKPab	18 42 43.7 +0.7	baz=328	P51A	Williamsport	147.56	25	P	PKPdf	18 42 46.4 -0.3	baz=304	TZTN	Tazewell	149.77	29	P	PKPdf	18 42 51.7 +1.3								
M49E	Liberty Center	145.50	24	P	PKPab	18 42 43.7 +0.2	baz=328	R49A	Shelbyville	147.60	29	P	PKPdf	18 42 47.4 +0.6	baz=313	Z47A	Carrollton	149.80	39	P	PKPdf	18 42 51.1 +0.7								
V41A	Mountainview	145.56	39	P	PKPbc	18 42 43.6 0.0	baz=323,SNR=8.6	T47A	Sharon Grove	147.64	33	P	PKPdf	18 42 47.6 +0.7	baz=313	Y48A	Jasper	149.84	37	P	PKPdf	18 42 51.1 +0.6								
O47A	Sheridan	145.58	28	P	PKPab	18 42 43.7 -0.1	baz=319	X44A	Crenshaw	147.65	39	P	PKPdf	18 42 47.7 +0.7	baz=306	445A	Amite	149.88	45	P	PKPdf	18 42 52.4 +1.7								
P46A	Rosedale	145.58	30	P	PKPab	18 42 44.3 +0.5	baz=312	S48A	Wheaman Farm,	147.66	31	P	PKPdf	18 42 47.7 +0.8	baz=317	X49A	Woodville	149.90	35	P	PKPdf	18 42 51.5 +0.9								
N48A	Decatur	145.58	26	P	PKPab	18 42 44.1 +0.3	baz=321,SNR=19	Q50A	Georgetown	147.69	27	P	PKPdf	18 42 47.2 +0.3	baz=310	246A	Jackson Lee, B	149.91	42	P	PKPdf	18 42 52.0 +1.3								
S43A	Fulton Ridge,	145.59	35	P	PKPbc	18 42 43.6 0.0	baz=326	142A	Monroe	147.70	44	P	PKPdf	18 42 48.4 +1.3	baz=320	U50A	Signal Mountai	149.94	33	P	PKPdf	18 42 51.7 +1.0								
STCO	Saint Catharin	145.63	17	P	PKPab	18 42 44.3 +0.5	baz=307	Z43A	Armstrong Fami	147.77	42	P	PKPdf	18 42 48.6 +1.4	baz=322	V51A	Louisa	149.97	31	P	PKPdf	18 42 51.7 +1.0								
R44A	Waltonville	145.65	33	P	PKPab	18 42 44.5 +0.4	baz=308	W45A	Hickory Valley	147.78	37	P	PKPdf	18 42 48.5 +1.3	baz=324	Z48A	Northport	149.98	38	P	PKPdf	18 42 51.6 +0.8								
Q45A	Warren Harvey,	145.66	31	P	PKPab	18 42 44.3 +0.2	baz=314	Q51A	Peebles	147.82	26	P	PKPdf	18 42 47.6 +0.5	baz=312	147A	Livingston	150.03	40	P	PKPdf	18 42 51.8 +0.9								
KVTX	Kingsville	145.69	56	PFAKE	LR	18 43 00.0 +1.5	baz=327	441A	DeRidder	147.84	48	P	PKPbc	18 42 49.4 -0.9	baz=311	247A	Quitman	150.22	41	P	PKPdf	18 42 52.7 +1.5								
U42A	Revendens	145.75	38	P	PKPbc	18 42 44.0 -0.1	baz=303	242A	Grayson	147.84	45	P	PKPdf	18 42 48.5 +1.2	baz=311	W51A	Cleveland	150.26	32	P	PKPdf	18 42 52.3 +1.1								
R43A	Riachuelo	145.81	243	PKPbc	PKPdf	18 42 44.5 0.0	baz=306	WVT	Waverly	147.88	34	P	PKPdf	18 42 48.2 +0.8	baz=311	V52A	Sevierville	150.31	30	P	PKPdf	18 42 52.3 +1.0								
RCBR	Riachuelo	145.81	243	PKPbc	PKPab	18 42 46.6 +1.2	baz=317	T48A	Going Green	147.92	32	P	PKPdf	18 42 48.3 +1.0	baz=323	X50B	Fort Payne	150.31	34	P	PKPdf	18 42 51.4 +0.1								
RCBR	comp=Z,56um,22.0s	145.81	243	PKPbc	PKPab	18 42 46.6 +1.2	baz=320	HRV	Adam Dzewonski	147.93	8	ePKPdf	PKPdf	18 42 48.2 +1.0	baz=318	Y49A	Blount Mountai	150.32	36	P	PKPdf	18 42 52.0 +0.6								
T43A	Greenville	145.81	36	P	PKPbc	18 42 44.1 -0.2	baz=320	HRV	Adam Dzewonski	147.93	8	ePKP2	PKPdf	18 42 47.7 +0.6	baz=316	U53A	Fall Branch	150.37	28	P	PKPdf	18 42 52.4 +1.0								
MEDO	Medina	145.88	16	P	PKPab	18 42 45.0 +0.3	baz=322	S49A	Springfield	147.94	29	P	PKPdf	18 42 47.8 +0.5	baz=326	TKL	Tuckaleechee C	150.37	30	PKP	PKPdf	18 42 52.4 +1.0								
N49A	Columbus Grove	145.88	25	P	PKPbc	18 42 44.3 -0.1	baz=311	U47A	Clarksville	147.94	33	P	PKPdf	18 42 48.2 +0.8	baz=327,slow=0.6,SNR=92	TKL	comp=Z,104nm,1.1s,ba	150.43	47	P	PKPbc	PKIKP	18 42 57.9 +0.5							
W41B	Gary Mavity, V	145.89	40	P	PKPbc	18 42 44.5 -0.1	baz=308	V46A	Holladay	147.95	35	P	PKPdf	18 42 47.9 +0.4	baz=304	645A	Chauvin	150.43	47	P	PKPdf	18 42 52.9 +1.3								
M50A	Fremont	145.93	23	P	PKPbc	18 42 44.3 -0.3	baz=311	Y44A	Strider, Charl	147.96	40	P	PKPdf	18 42 48.8 +1.3	baz=313	148A	Greensboro	150.48	39	P	PKPdf	18 42 52.6 +1.0								
Y40A	Okolona	145.93	43	P	PKPbc	18 42 45.0 +0.2	baz=308	143A	God Landing,	147.97	43	P	PKPdf	18 42 48.8 +1.3	baz=313	446A	Poplarville	150.51	44	P	PKPdf	18 42 53.4 +1.7								
X40A	Basin Creek Fa	145.94	42	P	PKPbc	18 42 44.7 -0.1	baz=324	R50A	Paris	148.00	28	P	PKPdf	18 42 47.8 +0.4	baz=313	LRAL	Lakeview Retre	150.56	38	ePKPdf	PKPdf	18 42 52.0 +0.3								
S44A	Carbondale	145.96	34	P	PKPbc	18 42 45.0 +0.2	baz=308	OXF	Oxford	148.09	38	ePKPbc	PKPdf	18 42 48.3 +0.6	baz=314	LRAL	Lakeview Retre	150.56	38	P	PKPdf	18 42 52.7 +1.0								
Q46A	CEJHS Indians,	145.96	30	P	PKPbc	18 42 45.0 +0.2	baz=313	342A	Flagon Creek P	148.12	46	P	PKPbc	18 42 49.6 -1.5	baz=314	BLA	Blacksburg	150.57	24	ePKPdf	LR	PKPdf	18 42 51.8 +0.1							
O48A	Farmland	146.02	27	P	PKPbc	18 42 44.6 -0.2	baz=311	X45A	UM Field Stati	148.16	38	P	PKPdf	18 42 48.6 +0.8	comp=Z,6um,22.0s	BLA	Blacksburg	150.57	24	ePKIKP	MLR	PKPdf	18 42 51.8 +0.1							
V42A	Cord	146.02	39	P	PKPdf	18 42 44.5 +0.3	baz=320	541A	Lake Charles	148.21	49	P	PKPbc	18 42 49.9 -1.4	baz=330	BLA	Blacksburg	150.57	24	P	PKPdf	18 42 52.4 +0.7								
R45A	Skylar, Fairri	146.04	32	P	PKPab	18 42 45.4 -0.1	baz=320	P53A	Whipple	148.22	23	P	PKPdf	18 42 48.5 +0.8	baz=307	546A	Slidell	150.60	45	P	PKPdf	18 42 54.1 +2.3								
P47A	Martinsville	146.13	29	P	PKPbc	18 42 45.4 +0.1	baz=310	Z44A	Pea Ridge, Bel	148.25	41	P	PKPdf	18 42 48.8 +0.8	baz=320	X51A	Calhoun	150.66	33	P	PKPdf	18 42 52.6 +0.7								
X41A	Kaden, Bauxite	146.15	41	P	PKPbc	18 42 45.7 +0.3	baz=317	V47A	Nunnally	148.27	34	P	PKPdf	18 42 48.6 +0.6	baz=310	347A	Saraland	150.68	42	P	PKPdf	18 42 53.7 +1.8								
T44A	Benton	146.21	35	P	PKPbc	18 42 45.6 +0.1	baz=315	W46A	Michie	148.28	36	P	PKPdf	18 42 48.1 +0.1	baz=319	Y50A	Piedmont	150.68	35	P	PKPdf	18 42 52.2 +0.3								
U43A	Rectlor	146.23	37	P	PKPdf	18 42 44.9 +0.3	baz=319	U48A	Cassie Pea, Po	148.29	32	P	PKPdf	18 42 48.7 +0.7	baz=315	Z49A	Columbiana	150.73	37	P	PKPdf	18 42 52.6 +0.6								
NATX	Nacogdoches	146.24	47	ePKPbc	LR	18 42 46.5 0.0	baz=326	R51A	Hillsboro	148.32	27	P	PKPdf	18 42 48.3 +0.4	baz=319	W52A														

3d 18h

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other parameters. Includes stations like Williamson, Kings Mountain, Paoc, Dozier, Waverly Hall, Midway, Godfrey, etc.

2012 SEP

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other parameters. Includes stations like Samuel, JuntasAbangare, JTS, etc.

192

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, SNR, and other parameters. Includes stations like Tlaga, El Cayaco, Platanillo, etc.

MEX Q18:23:36.0-0.5, 16:42N:98:36W, h3km, 17km, MD3.5

Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Pinotepa, PNIIG.

Nm: M-0.71±0.06; Mm: 3.92±0.06; Mm: 3.21±0.05; Mm: 0.72±1.8; Mm: 0.08±0.04; Mm: 1.15±1.9; Best double couple: M: 3.85200, 1017° N: 1.31±0.26, 00000°, 881.00000°, λ-158.00000°. NP: 2.133.00000°, 868.00000°, λ-9.00000°. Principal axes: T 4.0400, P1g, 0.0000°, Azm 358.0000°, N -0.3770, P1g 66.0000°, Azm 246.0000°, P -3.6640, P1g 22.0000°, Azm 92.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function MOS 03 19:44:24.6:0.9, 7.90N, 124.96E, h33km, m5.5/3k, MS5.2/48 Error ellipse: s-maj=7.7km s-min=4.1km s-z=115.0

ISC 03 19:44:23.3:0.4, 7.88N, 0.02, 125.02E, 0.03, h15km, 2km, h16km, p-P, n933, a196/900, m5.5/238, MS5.4/209, 50C-20D, Mindanao

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

Table with columns: SOEI, Sloc, 17.53 182 ePn, P, 19 48 28.1 -0.4. Lists seismic events with their locations, magnitudes, and arrival times.

Table with columns: NJ2, Sadao Pong, 25.02 292 eP, P, 19 49 46.8 -0.1. Lists seismic events with their locations, magnitudes, and arrival times.

3d 19h

BOD	comp=Z,58nm,1.7s		pmax	pmax		
GOA	Goa	50.60 284	eP	P	19 53 19.3 -2.7	
GOA	comp=Z,107nm,1.3s		IAMB	IAMB	19 53 34.8	
POO	Poona	50.77 287	eP	P	19 53 22.3 -1.1	
POO			IAMB	IAMB	19 53 32.8	
DHRM	comp=Z,938nm,3.4s					
DHRM	DHARAMSHALA	51.23 305	eP	P	19 53 25.2 -1.6	
	comp=Z,113nm,1.2s		IAMB	IAMB	19 53 29.6	
MNCV	Minicoy	51.44 324	eP	P	19 53 27.2 -1.2	
ZSN	Zaisan	52.13 276	iP	P	19 53 33.6 +0.6	
ZSN	comp=Z,11nm,1.7s		eS	S	20 00 57.5 +0.7	
DGZ	Jazzator, Alta	52.17 330	iP	P	19 53 34.5 +1.0	
DGZ			pmax	pmax		
PEA0B	comp=Z,56nm,1.4s					
	Petropavlovsk-	52.32 24	eP	P	19 53 33.7 -0.6	
	comp=Z,159nm,1.3s					
PETK	Petropavlovsk-	52.32 24	eP	P	19 53 34.7 +0.4	
	comp=Z,50nm,0.9s,baz=198,slow=5.4,SNR=31					
PETK			LR	LR	20 16 08.6	
PETK	comp=Z,2um,19.6s,baz=223,slow=36					
PETK	Petropavlovsk-	52.32 24	eP	P	19 53 34.7 +0.4	
	comp=Z,49nm,0.9s					
PETK			pmax	pmax		
PETK	comp=Z,2um,19.6s		MLR	MLR		
PET	Petropavlovsk	52.65 25	eP	P	19 53 37.8 +1.1	
PET	comp=Z,97nm,1.2s					
PET	comp=Z,2um,20.0s		LR	LR		
PET	Petropavlovsk	52.65 25	iP	P	19 53 38.1 +1.4	
PET			pmax	pmax		
SHLS	Shalkode	53.10 319	iP	P	19 53 38.9 -1.6	
SHLS	comp=Z,67nm,1.6s		eS	S	20 01 07.2 -3.2	
SHLS			LR	LR	20 18 00.8	
PDGK	comp=Z,1um,19.0s					
PDGK	Podgornoye	53.16 319	eP	P	19 53 40.9 0.0	
	comp=Z,93nm,1.2s					
MK01	Makanchi Array	53.19 324	eP	P	19 53 40.7 -0.2	
MK31	Makanchi Array	53.21 324	eP	P	19 53 40.7 -0.4	
MK31	Makanchi Array	53.21 324	iP	P	19 53 41.3 +0.2	
MK31			pmax	pmax		
MKAR	comp=Z,78nm,1.2s					
MKAR	Makanchi Array	53.21 324	eP	P	19 53 41.7 +0.6	
	comp=Z,31nm,1.1s,baz=116,slow=8.2,SNR=57					
MKAR			LR	LR	20 17 49.8	
MKAR	comp=Z,4um,18.7s,baz=112,slow=38					
MKAR	Makanchi Array	53.21 324	eP	P	19 53 40.4 -0.6	
	comp=Z,262nm,1.2s					
MKAR	Makanchi Array	53.21 324	eP	P	19 53 42.0 +0.9	
MKAR			pmax	pmax		
MKAR	comp=Z,29nm,1.0s					
UZB	Uzynbulak	53.38 319	iP	P	19 53 43.2 +0.6	
UZB	comp=Z,33nm,1.3s					
UZB			eS	S	20 01 15.0 +0.6	
UZB			LR	LR	20 18 17.5	
MAKZ	comp=Z,645nm,16.2s					
MAKZ	Makanchi	53.40 324	eP	P	19 53 42.6 +0.2	
MAKZ	comp=Z,75nm,1.1s					
MAKZ	Makanchi	53.40 324	eP	P	19 53 43.2 +0.8	
MAKZ			pmax	pmax		
PRZ	comp=Z,73nm,1.2s					
PRZ	Przheval'sk	53.49 318	eP	P	19 53 44.3 +0.9	
PRZ	comp=Z,105nm,1.2s					
PRZ	Przheval'sk	53.49 318	eP	P	19 53 44.3 +0.9	
PRZ			pmax	pmax		
SATY	comp=Z,105nm,1.2s					
SATY	Saty	53.74 319	iP	P	19 53 46.1 +0.9	
SATY	comp=Z,66nm,1.3s					
SATY			eS	S	20 01 20.0 +0.8	
SATY			LR	LR	20 18 45.0	
KPKS	comp=Z,616nm,14.2s					
KPKS	Kokpek	53.75 319	iP	P	19 53 45.8 +0.7	
KPKS	comp=Z,69nm,1.2s					
KPKS			eS	S	20 01 20.0 +0.9	
KPKS			LR	LR	20 18 44.3	
NIL	comp=Z,958nm,14.8s					
NIL	Nilore	54.09 306	eP	P	19 53 48.2 +0.4	
NIL	comp=Z,465nm,1.1s					
NIL			LR	LR		
NIL	comp=Z,1um,22.0s					
NIL	Nilore	54.09 306	eP	P	19 53 48.2 +0.4	
NIL			pmax	pmax		
NIL	comp=Z,465nm,1.1s					
NIL			MLR	MLR		
TAU	comp=Z,1um,21.0s					
TAU	Tasmania Unive	54.47 160	PFAKE	LR	19 54 00.0 +1.0	
TAU			LR	LR		
DGAR	comp=Z,3um,21.0s					
DGAR	Diego Garcia	54.56 255	PFAKE	LR	19 54 00.0 +8.6	
DGAR			LR	LR		
MDOK	comp=Z,1um,19.0s					
MDOK	Mledeo	54.68 318	iP	P	19 53 53.2 +1.2	
MDOK	comp=Z,475nm,1.7s					
MDOK			iS	S	20 01 33.0 +1.1	
MDOK			LR	LR	20 19 25.3	
AAA	comp=Z,2um,17.4s					
AAA	Alma-Ata	54.79 318	eP	P	19 53 54.0 +1.3	
AAA			eS	S	20 01 34.7 +1.5	
AAA			pmax	pmax		
AAA	comp=Z,200nm,1.5s					
AAA			smax	smax		
BHJ	comp=N,900nm,10.3s					
BHJ	Bhuj	55.16 293	eP	P	19 53 55.6 0.0	
BHJ			IAMB	IAMB	19 53 58.0	
MA2	comp=Z,163nm,1.4s					
MA2	Magadan	55.16 16	eP	P	19 53 55.1 +0.1	
MA2	comp=Z,44nm,1.0s					
MA2			LR	LR		
MA2	comp=Z,2um,20.0s					
MA2	Magadan	55.16 16	iP	P	19 53 55.2 +0.2	
MA2			pmax	pmax		
KZA	comp=Z,57nm,1.3s					
KZA	Kyzart	55.44 316	eP	P	19 53 59.6 +1.7	
KZA	SNR=29					
KUU	comp=Z,232nm,1.3s					
KUU	Kury	55.46 319	iP	P	19 53 58.0 +0.5	
KUU			eS	S	20 01 42.7 +0.6	
KUU			LR	LR	20 20 24.3	
TKM2	comp=Z,733nm,14.3s					
TKM2	Tokmak 2	55.55 317	eP	P	19 53 59.5 +1.1	
TKM2	SNR=29					
TKM2	Tokmak 2	55.55 317	eP	P	19 53 58.3 -0.1	
TKM2			pmax	pmax		
KBK	comp=Z,70nm,1.5s					
KBK	Karagaybulak	55.88 317	eP	P	19 54 02.0 +1.3	
KBK	SNR=5					
SFK	Sufi-Kurgan	55.90 313	eP	P	19 54 00.7 -0.3	
SFK			pmax	pmax		
UCH	comp=Z,51nm,1.4s					
UCH	Uchter	56.00 316	eP	P	19 54 03.6 +1.7	
UCH	SNR=28					
CHMS	Chumysh	56.14 317	eP	P	19 54 03.5 +1.1	
ZAA0	comp=Z,98nm,1.1s					
ZAA0	Zalesovo Array	56.15 333	eP	P	19 54 01.6 -0.5	
ZALV	comp=Z,60nm,1.0s,baz=116,slow=6.8,SNR=129					
ZALV	Zalesovo Beam	56.15 333	eP	P	19 54 02.5 +0.3	
ZALV						
ZALV	Zalesovo Beam	56.15 333	eP	P	19 54 01.4 -0.8	
FRU1	Bishkek	56.15 317	eP	P	19 54 02.7 +0.2	
FRU1	comp=Z,56nm,1.3s					
FRU1	Bishkek	56.15 317	eP	P	19 54 02.7 +0.2	
FRU1			pmax	pmax		
FRU	comp=Z,56nm,1.2s					
FRU	Bishkek	56.17 317	eP	P	19 54 01.0 -1.6	
FRU			e	S	19 54 16.0	
FRU			e	S	19 55 06.0	
FRU			pmax	pmax		
AAK	comp=Z,90nm,1.8s					
AAK	Ala-Archa	56.18 317	LR	LR	19 54 45.2	
AAK	comp=Z,4um,21.9s,baz=98,slow=38					
AAK	Ala-Archa	56.18 317	eP	P	19 54 04.4 +1.6	
AAK	SNR=12					
AAK	Ala-Archa	56.18 317	eP	P	19 54 02.5 -0.3	
AAK	comp=Z,186nm,1.9s					
AAK	Ala-Archa	56.18 317	eP	P	19 54 03.8 +1.0	
AAK	SNR=30					
AAK	Ala-Archa	56.18 317	iP	P	19 54 04.1 +1.3	
AAK	SNR=12					
AAK	Ala-Archa	56.18 317	eP	P	19 54 04.0 +1.2	

2012 SEP

AAK	comp=Z,93nm,1.6s		pmax	pmax		
SEM	Sempalatinsk	56.31 327	eP	P	19 54 03.4 -0.3	
SEM	comp=Z,37nm,1.4s		eS	S	20 01 53.4 -0.2	
SEM			LR	LR	20 19 15.6	
FUNA	comp=Z,711nm,15.9s					
FUNA	Funafuti	56.40 106	PFAKE	LR	19 54 20.0 +1.5	
FUNA			LR	LR		
AML	comp=Z,6um,19.0s					
AML	Almayashu	56.53 316	eP	P	19 54 07.0 +1.4	
AML	SNR=30					
EKS2	Erkin-Say	56.67 316	eP	P	19 54 07.7 +1.4	
EKS2	SNR=5					
KURK	Kurchatov	57.35 327	eP	P	19 54 10.8 0.0	
KURK	comp=Z,244nm,1.2s					
KURK			LR	LR		
KURK	comp=Z,3um,19.0s					
KURK	Kurchatov	57.35 327	eP	P	19 54 11.0 +0.1	
KURK	SNR=103					
KURK	Kurchatov	57.35 327	eP	P	19 54 10.8 0.0	
KURK			pmax	pmax		
KURK	comp=Z,243nm,1.2s					
KURK			MLR	MLR		
KURB	comp=Z,3um,19.0s					
KURB	Kurchatov Arra	57.36 327	eP	P	19 54 11.2 +0.3	
KURB	comp=Z,39nm,1.1s,baz=107,slow=39,SNR=179					
NVS	Novosibirsk	57.43 333	iP	P	19 54 12.2 +0.9	
NVS			eS	S	20 02 07.5 -0.1	
NVS			pmax	pmax		
NVS	comp=E,75nm,1.2s					
NVS			pmax	pmax		
NVS	comp=Z,140nm,1.2s					
NVS			pmax	pmax		
NVS	comp=N,58nm,1.1s					
NVS			smax	smax		
N						

L39A	Vinton	119.84	31	P	PKPdf	20 03 12.7	-0.7
K40A	Colesburg	119.85	30	P	PKPdf	20 03 12.2	-1.2
TORD	Torodi Ar. Bea	119.96	290	PKP	PKPdf	20 03 11.6	-2.7
I42A	Dräger Farm,	120.02	28	P	PKPdf	20 03 13.7	0.0
JFWS	Jewell Farm	120.13	29	PFAKE	LR	20 03 30.0	+16
JFWS	Jewell Farm	120.13	29	P	PKPdf	20 03 13.1	-0.9
M39A	Webster	120.21	32	P	PKPdf	20 03 13.4	-0.8
L40A	Anamosa	120.28	31	P	PKPdf	20 03 13.1	-1.2
TXAR	Lajitas Array	120.32	49	PKP	PKPdf	20 03 14.8	-0.1
TXAR	comp=Z,1.3nm,0.8s,baz=243,slow=1.1,SNR=16			PP	PP	20 04 40.0	-0.3
K41A	Shullsburg	120.33	30	P	PKPdf	20 03 13.1	-1.2
J42A	Columbus	120.36	28	P	PKPdf	20 03 14.6	+0.2
N39A	Derby Farms, D	120.47	32	P	PKPdf	20 03 14.3	-0.3
M40A	Post Highland	120.61	31	P	PKPdf	20 03 14.1	-0.8
WMOK	Wichita Mounta	120.78	42	PFAKE	LR	20 03 30.0	+15
WMOK	Wichita Mounta	120.78	42	P	PKPdf	20 03 15.1	-0.3
P38A	Dawn	120.79	34	P	PKPdf	20 03 15.3	-0.1
L42A	Oliver, Polo	121.09	30	P	PKPdf	20 03 15.4	-0.5
GLMI	Graying	121.14	24	PFAKE	LR	20 03 30.0	+14
Q38A	Cooks Store, C	121.20	35	P	PKPdf	20 03 15.2	-1.0
P39B	Salisbury	121.32	34	P	PKPdf	20 03 15.4	-1.0
O40A	La Belle	121.35	33	P	PKPdf	20 03 15.4	-1.0
L43A	Garden Prairie	121.41	29	P	PKPdf	20 03 15.5	-0.9
Q39A	Harden Midland	121.46	31	P	PKPdf	20 03 15.6	-1.0
N41A	Willow Grove F	121.51	34	P	PKPdf	20 03 16.6	-0.1
R38A	Fenwick Farm,	121.57	36	P	PKPdf	20 03 15.6	-1.3
P40A	Paris	121.67	33	P	PKPdf	20 03 16.8	-0.2
M43A	Waltham Townsh	121.87	30	P	PKPdf	20 03 16.4	-0.9
O41A	Passleys Farm,	121.88	32	P	PKPdf	20 03 16.6	-0.8
D54A	Lac Fusel, La	121.93	17	P	PKPdf	20 03 17.8	+0.5
S38A	Stockton	121.95	36	P	PKPdf	20 03 16.4	-1.2
TUL1	Leonard	121.95	39	P	PKPdf	20 03 16.6	-1.1
R39A	Chumby, Stover	121.98	35	P	PKPdf	20 03 16.8	-0.9
Q40A	Laux Farm, Aux	122.04	34	P	PKPdf	20 03 17.5	-0.3
P41A	Barry, Barry	122.10	32	P	PKPdf	20 03 17.6	-0.2
T38A	Diamond	122.12	37	P	PKPdf	20 03 17.1	-0.9
S39A	Bolivar	122.25	36	P	PKPdf	20 03 17.7	-0.4
M44A	Midewin, Midew	122.35	29	P	PKPdf	20 03 19.9	+1.6
HDIL	Hopedale	122.37	31	PFAKE	LR	20 03 30.0	+12
HDIL	Hopedale	122.37	31	P	PKPdf	20 03 17.9	-0.4
R40A	Maddies Statio	122.43	34	P	PKPdf	20 03 17.8	-0.7
Q41A	Truxton	122.53	33	P	PKPdf	20 03 18.1	-0.6
P42A	Winchester	122.55	32	P	PKPdf	20 03 18.0	-0.7
JCT	Junction City	122.55	46	ePKPdf	LR	20 03 19.2	+0.2
JCT	Junction City	122.55	46	ePKIKP	MLR	20 03 19.2	+0.2
JCT	Junction City	122.55	46	P	PKPdf	20 03 19.1	+0.2
BUKO	Buck Lake	122.58	20	P	PKPdf	20 03 19.2	+0.6
T39A	Cleaver	122.67	36	P	PKPdf	20 03 18.9	-0.2
S40A	Lebanon	122.78	35	P	PKPdf	20 03 18.9	-0.3
PMSA	Palmer Station	122.83	175	PFAKE	LR	20 03 30.0	+12
R41A	Rosebud	122.92	34	P	PKPdf	20 03 19.3	-0.1
P43A	Skaggs, Pawnee	122.93	31	P	PKPdf	20 03 19.0	-0.4
Q42A	Golden Eagle	122.94	33	P	PKPdf	20 03 18.9	-0.6
U39A	Green Forest	123.05	37	P	PKPdf	20 03 19.1	-0.7
PEMO	Pembroke	123.08	18	P	PKPdf	20 03 18.3	-1.2
T40A	Mansfield	123.08	36	P	PKPdf	20 03 18.6	-1.2
BWLO	Walkerton	123.10	22	P	PKPdf	20 03 18.5	-1.1
CLWO	Collingwood	123.12	21	P	PKPdf	20 03 18.7	-1.0
CCM	Cathedral Cave	123.17	34	ePKPdf	PKPdf	20 03 19.9	0.0
CCM	Cathedral Cave	123.17	34	ePKIKP	PKPdf	20 03 19.9	0.0
CCM	Cathedral Cave	123.17	34	P	PKPdf	20 03 19.2	-0.7
L47A	Sherwood	123.20	27	P	PKPdf	20 03 19.1	-0.8
S41A	Jilco Farms,	123.22	35	P	PKPdf	20 03 19.3	-0.8
R42A	Luebbering	123.25	33	P	PKPdf	20 03 19.0	-1.0
WHX	Lake Whitney,	123.31	43	P	PKPdf	20 03 19.8	-0.6
V39A	Pettigrew	123.31	37	P	PKPdf	20 03 19.3	-1.0
N46A	Monticello	123.36	29	P	PKPdf	20 03 19.7	-0.5
O45A	Potomac	123.38	30	P	PKPdf	20 03 19.7	-0.6
U40A	Felville	123.43	36	P	PKPdf	20 03 19.7	-0.8
BANO	Bancroft	123.44	19	P	PKPdf	20 03 19.6	-0.6
P44A	Sand Creek, Wi	123.52	31	P	PKPdf	20 03 20.2	-0.4
L48A	N Adams	123.57	26	P	PKPdf	20 03 19.9	-0.7
S41A	Lafayette	123.58	29	P	PKPdf	20 03 20.1	-0.5
TFIN	Mountain View	123.59	35	P	PKPdf	20 03 20.0	-0.8
AAM	Ann Arbor	123.61	25	PFAKE	LR	20 03 30.0	+9.4
AAM	AAM	123.62	34	P	PKPdf	20 03 19.8	-1.1
Z42A	Caledonia	123.62	34	P	PKPdf	20 03 19.8	-1.1
W39A	Magazine	123.66	38	P	PKPdf	20 03 20.6	-0.3
R43A	Red Bud	123.72	33	P	PKPdf	20 03 20.7	-0.3
M48A	Edgerton	123.81	27	P	PKPdf	20 03 20.5	-0.5
V40A	Witts Springs	123.83	37	P	PKPdf	20 03 20.6	-0.7
X39A	Fountain Ranch	123.91	39	P	PKPdf	20 03 21.7	+0.2

P45A	Graceland, Par	123.92	30	P	PKPdf	20 03 21.7	+0.3
435B	Jarrell	123.94	45	P	PKPdf	20 03 21.3	-0.3
T42A	Van Buren	123.98	35	P	PKPdf	20 03 21.0	-0.5
U41A	Viola	123.99	36	P	PKPdf	20 03 21.1	-0.5
DELO	Deloro Mine	123.99	19	P	PKPdf	20 03 21.0	-0.3
833A	Chaparral WMA,	124.03	48	P	PKPdf	20 03 22.4	+0.6
P46A	Rosedale	124.12	30	P	PKPdf	20 03 22.6	+0.9
O47A	Sheridan	124.14	29	P	PKPdf	20 03 21.2	-0.6
S43A	Fulton Ridge,	124.16	34	P	PKPdf	20 03 21.5	-0.3
N48A	Decatur	124.18	27	P	PKPdf	20 03 21.2	-0.6
DRCO	St. Marys Ceme	124.19	21	P	PKPdf	20 03 21.2	-0.5
Q45A	Warren Harvey,	124.19	31	P	PKPdf	20 03 21.6	-0.3
R44A	Waltonville	124.19	32	P	PKPdf	20 03 21.7	-0.1
MIAR	Mount Ida	124.22	39	PFAKE	LR	20 03 30.0	+7.9
MIAR	Mount Ida	124.22	39	P	PKPdf	20 03 21.4	-0.7
V41A	Mountainview	124.24	36	P	PKPdf	20 03 21.5	-0.5
WLVO	Wesleyville	124.25	20	P	PKPdf	20 03 21.3	-0.5
U42A	Reviden	124.38	35	P	PKPdf	20 03 21.2	-1.1
T43A	Greenville	124.39	34	P	PKPdf	20 03 21.7	-0.6
N45A	Columbus Grove	124.51	27	P	PKPdf	20 03 21.9	-0.6
R49A	Skyler, Fairri	124.58	32	P	PKPdf	20 03 21.7	-0.9
O48A	Farmland	124.60	28	P	PKPdf	20 03 22.0	-0.6
V42A	Cor. 314	124.67	36	P	PKPdf	20 03 22.2	-0.7
P47A	Martinsville	124.68	29	P	PKPdf	20 03 21.7	-1.1
X40A	Basin Creek Fa	124.71	38	P	PKPdf	20 03 24.4	+1.4
LONY	Lake Ozonia	124.83	17	PFAKE	LR	20 03 30.0	+7.0
S45A	Carrier Mills	124.88	32	P	PKPdf	20 03 23.2	0.0
Q47A	Bedord North L	125.03	30	P	PKPdf	20 03 22.9	-0.6
O49A	Covington	125.03	27	P	PKPdf	20 03 23.2	-0.3
R46A	Gibson Southern	125.04	31	P	PKPdf	20 03 22.6	-0.9
N50A	Nevada	125.08	26	P	PKPdf	20 03 23.5	0.0
P48A	Milroy	125.10	29	P	PKPdf	20 03 22.7	-0.9
Y41A	Egglethe Beard	125.25	38	P	PKPdf	20 03 23.6	-0.4
NATX	Nacogdoches	125.33	42	PFAKE	LR	20 03 40.0	+16
Q48A	North Vernon	125.37	29	P	PKPdf	20 03 23.2	-0.9
O50A	Cable	125.39	27	P	PKPdf	20 03 23.8	-0.3
R47A	Wooly Knot Far	125.47	30	P	PKPdf	20 03 24.2	-0.2
PKME	Peaks-Kenny Pk	125.56	12	PFAKE	LR	20 03 40.0	+16
KVTX	Kingsville	125.57	48	PFAKE	LR	20 03 40.0	+15
ACSO	Alum Creek Sta	125.60	26	PFAKE	LR	20 03 40.0	+15
ACSO	Alum Creek Sta	125.60	26	P	PKPdf	20 03 23.8	-0.8
WCI	Wyandotte Cave	125.64	30	ePKPdf	PKPdf	20 03 24.4	-0.2
WCI	Wyandotte Cave	125.64	30	ePKIKP	PKPdf	20 03 24.5	-0.2
WCI	Wyandotte Cave	125.64	30	P	PKPdf	20 03 24.5	-0.2
HKT	Hockley	125.65	44	ePKPdf	PKPdf	20 03 24.9	+0.1
HKT	Hockley	125.65	44	ePKIKP	PKPdf	20 03 24.9	+0.1
R48A	Northridge Ran	125.72	30	P	PKPdf	20 03 23.9	-0.9
T46A	Prieston	125.72	32	P	PKPdf	20 03 23.9	-1.0
P50A	Jamestown	125.74	27	P	PKPdf	20 03 23.9	-0.9
O51A	Pataskala	125.83	26	P	PKPdf	20 03 24.5	-0.5
S47A	Hartford	125.83	31	P	PKPdf	20 03 24.9	-0.2
M54A	Oil Creek Stat	125.89	23	P	PKPdf	20 03 24.8	-0.3
R49A	Shelbyville	126.15	29	P	PKPdf	20 03 25.3	-0.4
P51A	Williamsport	126.18	27	P	PKPdf	20 03 25.2	-0.5
O52A	Adamesville	126.19	25	P	PKPdf	20 03 25.0	-0.6
S48A	Wiedeman Farm,	126.20	31	P	PKPdf	20 03 24.9	-0.8
Q51A	Peebles	126.42	27	P	PKPdf	20 03 25.8	-0.4
WVT	Waverly	126.43	33	P	PKPdf	20 03 25.3	-1.0
T48A	Bowling Green	126.45	31	P	PKPdf	20 03 25.7	-0.5
S49A	Springfield	126.49	30	P	PKPdf	20 03 25.5	-0.8
U47A	Clarksville	126.49	32	P	PKPdf	20 03 25.2	-1.1
V46A	Holladay	126.52	34	P	PKPdf	20 03 25.6	-0.8
R50A	Paris	126.56	29	P	PKPdf	20 03 25.6	-0.8
3A1A	Kirthwood	126.58	41	P	PKPdf	20 03 27.2	+0.6
BINY	Binghamton	126.59	19	PFAKE	LR	20 03 40.0	+14
BINY	Binghamton	126.59	19	P	PKPdf	20 03 26.1	-0.3
OXF	Oxford	126.73	36	P	PKPdf	20 03 27.0	+0.2
X45A	JM Field Stati	126.80	36	P	PKPdf	20 03 26.4	-0.6
V47A	Nunnely	126.83	33	P	PKPdf	20 03 26.7	-0.3
U48A	Castle Pea, Po	126.83	32	P	PKPdf	20 03 26.9	-0.1
W46A	Michie	126.87	34	P	PKPdf	20 03 26.2	-0.9
T49A	Edmonton	126.89	31	P	PKPdf	20 03 25.7	-1.5
R51A	Hillsboro	126.89	28	P	PKPdf	20 03 27.3	+0.2
CMLA	Cha da Macela	126.92	331	PFAKE	LR	20 03 40.0	+13
Q52A	Bidwell	126.95	27	P	PKPdf	20 03 26.4	-0.8
S50A	Richmond	127.00	29	P	PKPdf	20 03 26.9	-0.4
W47A	Westpoint	127.21	34	P	PKPdf	20 03 26.4	-1.3
U49A	Red Boiling Sp	127.22	31	P	PKPdf	20 03 27.8	0.0
V48A	Smith Brothers	127.27	33	P	PKPdf	20 03 27.7	-0.1
T50A	Nancy	127.31	30	P	PKPdf	20 03 27.5	-0.5
SSPA	Standing Stone	127.31	22	ePKPdf	PKPdf	20 03 28.1	+0.3
SSPA	Standing Stone	127.31	22	P	PKPdf	20 03 27.9	+0.1
O56A	Blue Knob Stat	127.38	23	P	PKPdf	20 03 27.9	-0.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CPUP, LPAZ, PTGA, SAML, etc.

DJA 03 19:44:55.3±0.3, 8°S, 124°12'30"E, h10km, M4.2/9, mb4.5/1, MLv4.1/9, Flores region

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

NEIC 03 19:52:14.1±0.0, 19°72'N, 64°24'W, h49km, MD3.5 (RSPR), After RSPR

RSPR 03 19:52:14.1, 19°72'N, 64°24'W, h49km±13km, MD3.5/5, 6C-40, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABV, STVI, CUPR, MTP, etc.

DJA 03 19:52:19.0±2.6, 9°N, 121°12'12"E, h10km, M5.4/9, mb4.7/9, MLv5.8/9

IDC 03 19:52:25.4±0.5, 7.73N, 124.77E, h0km, mb4.2/19, mb1.4/3.22, mb1mx1.1/6.3, mbtmp4.3/22, ML4.1/3, MS4.7/1, Ms1.4/7.1, ms1mx3.8/6.3, Error ellipse: s-maj=19.7km s-min=9.1km az=67.0

MAN 03 19:52:26.2, 7.84N, 124.88E, h1km, mb5.5, ML4.5, MS4.8 ISCJB 03 19:52:27.0±0.4, 7.86N, 0°02'125.01E, 0.0±0.3, h12km±3km, mb4.3/30, Error ellipse: s-maj=5.7km s-min=3.9km az=169.5

NEIC 03 19:52:28.2±1.3, 7.71N, 124.86E, h18km±8km, mb4.8/7, Error ellipse: s-maj=10.0km s-min=4.8km az=79.0

NEIC Felt III (PWS) at Maramag, Mount Musuan and Valencia and I (PWS) at Cagayan de Oro

BUI 03 19:52:32.5, 7.83N, 125.19E, h37km, mb4.5/3, ISC 03 19:52:38.8±1.1, 7.81N, 0°02'124.91E, 0.0±0.3, h6km±7km, n78, c171/73, mb4.3/30, 7C-40, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP, CGP, CTBH, DAV, SKMP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, BJT, CTA, CTAO, USRK, MDJ, LSA, ASAJ, NWAO, KLR, STKA, SONM, PETK, MLAR, NKAR, LKUR, BVAR, BRVK, NRIK, AKTO, RAYN, ILAR, TXL, CLAR, PLCA, etc.

MAN 03 20:03:35.3, 7.87N, 124.87E, h1km, mb3.7, ML2.5, MS2.0, 2C, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP, CGP, CTBH, BUTP, PAGZ, etc.

MAN 03 20:04:55.8, 7.86N, 124.88E, h2km, mb4.2, ML3.1, MS2.8, 2C, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP, CGP, CTBH, BUTP, etc.

MAN 03 20:07:08.0, 7.86N, 124.87E, h0km, mb4.3, ML3.1, MS2.9, 1C, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP, CGP, CTBH, BUTP, etc.

MAN 03 20:13:22.7, 8.04N, 125°25'E, h24km, mb4.4, ML3.3, MS3.1, 2C, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP, CGP, CTBH, BUTP, etc.

MAN 03 20:16:38.5, 7.75N, 124.98E, h4km, mb4.2, ML3.0, MS2.7, 1C, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP, CGP, CTBH, BUTP, etc.

MAN 03 20:20:01.6, 7.77N, 125°08'E, h11km, mb3.6, ML2.3, MS1.8, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP, CGP, CTBH, BUTP, etc.

MAN 03 20:25:10.3, 7.86N, 124.86E, h2km, mb4.7, ML3.6, MS3.6, 1C-2D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP, CGP, CTBH, BUTP, etc.

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

IDC 03 20:25:27.4±0.6, 1.97S, 138°88'E, h0km, mb4.1/13, mb1.4/3.16, mb1mx1.1/5.2, mbtmp4.2/16, ML4.6/3, Error ellipse: s-maj=20.0km s-min=13.0km az=71.0

NEIC 03 20:25:29.1±0.4, 1.97S, 138.87E, h10km, mb4.9/3, Error ellipse: s-maj=10.9km s-min=7.9km az=77.0

ISCJB 03 20:30:10.0±0.4, 2.01S, 0°06'138.81E, 0.0±0.2, h29km, mb4.1/15, Error ellipse: s-maj=10.8km s-min=7.6km az=35.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAY, BATI, WRA, WRA, CTGA, FITZ, ASAR, STKA, H1S3, H1S2, H1S1, CMAR, KLR, SONM, MKAR, NIL, ZALV, KURK, KURSB, VANDA, BVAR, BRVK, NRIK, ILAR, GSPA, TKL, TORD, SJG, etc.

MAN 03 20:29:17.6, 7.84N, 124.86E, h1km, mb3.8, ML2.6, MS2.1, 1C, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP, CGP, CTBH, BUTP, etc.

ISCJB 03 20:30:03.7±0.6, 3.7S, 56N, 0°03'141.68E, 0.0±0.6, h81km±4km, mb4.0/12, Error ellipse: s-maj=8.3km s-min=4.8km az=14.0

IDC 03 20:30:04.1±1.9, 3.7S, 56N, 141°80'E, h73km±17km, mb3.8/11, mb1.3/8.16, mb1mx3.5/7.6, mbtmp4.1/16, Error ellipse: s-maj=17.9km s-min=11.2km az=83.0

NEIC 03 20:30:04.7±0.8, 3.7S, 56N, 141°80'E, h80km±7km, mb4.4/1, Error ellipse: s-maj=10.9km s-min=7.2km az=91.0

JMA 03 20:30:06.3±0.1, 3.7S, 56N, 141°47'E, h79km±1km, M3.9, JMA Felt II/1

ISC 03 20:30:04.8±0.9, 3.7S, 56N, 141°68E, 0.0±0.7, h76km±7km, n45, c180/45, mb4.1/12, Near coast of eastern

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JFK, JMM, JON, ONAJ, JIO, JOT, JFT, JOU, JIM, JMK, JMY, JYS, JFY, JKY, JYK, JYA, JNS, JOW, JAW, MJAR, JMA, JHJ, ASAJ, USRK, JCBJ, etc.

3d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSR5 Korea Array, KSAR Wonju Array Be, ENH Enshi, etc.

MAN 03 20:37:20.6, 6.62N, 123.83E, h39km, mb3.9, ML2.6, MS2.1, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKMP Bagumbayan, CTBH Cotabato-PC H, etc.

MAN 03 20:52:40.4, 7.78N, 124.96E, h4km, mb4.5, ML3.4, MS3.2, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP Musuan, CGP Cagayan de Oro, etc.

IDC 03 20:59:38.7-1.1, 26.95N, 143.61E, h0km, mb3.9/8, mb1.4, 0/11, mb1mx3.7/69, mbtmp3.9/11, ML3.4/3, Error ellipse: s-maj=32.5km s-min=15.7km az=75.0

NEIC 03 20:59:40.2-0.6, 26.96N, 143.60E, h10km, mb4.5/2, Error ellipse: s-maj=17.9km s-min=9.2km az=74.0

ISCJB 03 20:59:41.9-0.7, 26.92N, 143.58E, h0.07, h33km, mb3.9/11, Error ellipse: s-maj=12.8km s-min=9.3km az=14.9

ISC 03 20:59:44.1-1.0, 27.0N, 141.1435E, n11, h35km, n18, 0.69/20, mb4.2/11, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJJ Chichijima, MJAR Matsushiro Arr, etc.

IDC 03 21:10:54.0-0.9, 11.20N, 126.86E, h0km, mb3.9/11, mb1.4, 0/11, mb1mx3.7/61, mbtmp3.9/11, Error ellipse: s-maj=40.6km s-min=15.1km az=74.0

ISCJB 03 21:10:56.7-0.3, 11.24N, 126.78E, h0.05, h27km, 17km, mb3.8/11, Error ellipse: s-maj=9.1km s-min=7.1km az=17.1

MAN 03 21:10:56.1, 11.28N, 126.87E, h47km, mb4.7, ML3.6, MS3.4

ISC 03 21:10:57.9-1.9, 11.24N, 126.77E, n11, h20km, 15km, n21, 0.15/27, mb3.7/11, 2C-1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BESP Borongan, PLP Palo, SCPH Surigao, etc.

2012 SEP

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

ISCJB 03 21:26:43.5-0.4, 37.52N, 144.54E, h10km, Error ellipse: s-maj=6.9km s-min=4.0km az=27.0

TEH 03 21:26:44.5, 37.38N, 144.40E, h17km, ML3.0

IC 03 21:26:44.1-0.9, 37.38N, 144.54E, h10km, n25, 0.15/25, 3C-9D, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IGLO Ghalogah, IGLO Ghalogah, MRVT Maravah tapeh, etc.

IAKL IAKL 3.62 101 ePn Pn 21 27 41.5 +1.0 21 28 47.4

IPAY IPAY 3.84 103 ePn Pn 21 27 47.8 +1.3 21 27 57.8

TNSJ TNSJ 3.88 151 ePn Pn 21 27 45.2 +1.3 21 28 46.2

IMOG Moghan 4.21 106 IAML Pn 21 28 03.9

ASTR Astar 4.54 287 I Pn 21 27 53.4 +0.5 21 28 42.1 -3.7

IDC 03 21:28:32.4-0.8, 10.53N, 126.50E, h0km, mb3.8/9, mb1.3, 9/9, mb1mx3.5/63, mbtmp3.8/9, MS4.2/1, Ms1.4/1, ms1mx3.0/61, Error ellipse: s-maj=52.0km s-min=16.4km az=71.0

ISC 03 21:28:35.0-0.9, 10.7N, 126.9E, h2.0, h20km, n11, 0.15/21, mb3.8/9, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUKP Musuan, MJAR Matsushiro Arr, CMAR Chiang Mai Arr, etc.

IDC 03 21:30:04.7-1.5, 10.83N, 127.26E, h0km, mb4.0/9, mb1.4, 0/9, mb1mx3.6/62, mbtmp4.0/9, MS3.3/1, Ms1.3/1, ms1mx2.9/58, Error ellipse: s-maj=165.0km s-min=18.3km az=69.0

MAN 03 21:30:08.0, 10.82N, 126.74E, h17km, mb4.8, ML3.7, MS3.7

ISCJB 03 21:30:08.0-0.7, 10.73N, 126.83E, h0.06, h33km, mb4.0/9, MS3.2/1, Error ellipse: s-maj=11.2km s-min=7.5km az=27.7

ISC 03 21:30:10.4-1.0, 10.76N, 126.77E, n10, h35km, n14, 0.15/21, mb4.0/9, 1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BESP Borongan, PLP Palo, MSLP Maasin, etc.

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

ISCJB 03 21:31:31.1-0.7, 12.72N, 143.64E, h10km, mb3.7/11, MS3.8/1, Error ellipse: s-maj=17.2km s-min=9.2km az=146.4

IDC 03 21:31:31.3-0.8, 12.75N, 143.71E, h0km, mb3.8/10, mb1.4, 0/10, mb1mx3.7/64, mbtmp3.8/10, MS4.0/1, Ms1.4/0/1, ms1mx3.0/66, Error ellipse: s-maj=20.6km s-min=16.5km az=122.0

ISC 03 21:31:32.4-0.9, 12.72N, 143.8E, n11, h10km, n20, 0.15/27, mb3.9/11, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO Guam, JOW Kunigami, H1S1 WAKE ISLAND Hy, etc.

IDC 03 21:44:18.1-1.4, 3.38S, 139.89E, h0km, mb3.5/2, mb1.3, 7/4, mb1mx3.4/45, mbtmp3.5/4, ML3.5/2, Error ellipse: s-maj=53.1km s-min=12.9km az=121.0, Irian Jaya

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

ISCJB 03 21:55:38.0-0.4, 30.56N, 140.03E, h400km, mb3.6/14, Error ellipse: s-maj=10.6km s-min=5.1km az=165.5

JMA 03 21:55:38.4-0.2, 30.57N, 139.27E, h394km, M3.5

IDC 03 21:55:38.0-0.3, 30.46N, 138.97E, h370km, 13km, mb3.3/14, mb1.3, 3/18, mb1mx3.1/74, mbtmp4.0/18, Error ellipse: s-maj=38.3km s-min=10.3km az=71.0

ISC 03 21:55:39.2-0.7, 30.56N, 140.06E, 139.35E, n10, h400km, n30, 0.15/40, mb3.6/14, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHJ Hachioji jima, JHU Hachioji jima, TBKJ Tokai 2, etc.

P39B	Salisbury	118.14	34	P	PKPdf	01 09 36.7	-0.2
040A	La Belle	118.17	33	P	PKPdf	01 09 35.1	-1.8
Q39A	Willow Grove F	118.33	35	P	PKPdf	01 09 36.8	-0.5
P40A	Paris	118.50	34	P	PKPdf	01 09 36.9	-0.7
L44A	Lake County Fo	118.65	29	P	PKPdf	01 09 35.9	-1.9
041A	Passeys Farm,	118.70	32	P	PKPdf	01 09 37.1	-0.9
M43A	Waltham Townsh	118.71	30	P	PKPdf	01 09 37.5	-0.5
S38A	Stockton	118.77	36	P	PKPdf	01 09 37.5	-0.7
R39A	Chumby, Stover	118.80	35	P	PKPdf	01 09 37.8	-0.4
Q40A	Laux Farm, Aux	118.86	34	P	PKPdf	01 09 39.6	+1.2
P41A	Barry, Barry	118.92	33	P	PKPdf	01 09 37.6	-0.8
T38A	Diamond	118.94	37	P	PKPdf	01 09 38.1	-0.5
S39A	Bolivar	119.06	36	ePKPdf	PKPdf	01 09 38.5	-0.2
S39A	Bolivar	119.06	36	P	PKPdf	01 09 38.3	-0.5
HDIL	Hopedale	119.20	31	PFAKE LR		01 09 50.0	+1.1
R40A	Maddies Statio	119.25	35	ePKPdf	PKPdf	01 09 38.8	-0.3
R40A	Maddies Statio	119.25	35	P	PKPdf	01 09 38.7	-0.4
Q41A	Truxton	119.35	34	P	PKPdf	01 09 39.0	-0.3
P42A	Winchester	119.37	32	P	PKPdf	01 09 38.9	-0.4
JCT	Junction City	119.41	46	ePKPdf	PKPdf	01 09 39.8	+0.1
JCT	Junction City	119.41	46	ePKIKP MLR		01 09 39.8	+0.1
JCT	Junction City	119.41	46	P	PKPdf	01 09 39.9	+0.2
T39A	Clever	119.49	36	P	PKPdf	01 09 39.0	-0.6
S40A	Lebanon	119.60	35	P	PKPdf	01 09 39.1	-0.7
R41A	Rosebud	119.74	34	P	PKPdf	01 09 39.3	-0.8
Q42A	Golden Eagle	119.76	33	P	PKPdf	01 09 39.6	-0.4
P43A	Skaggs, Pawnee	119.76	32	P	PKPdf	01 09 39.3	-0.7
LATO	La Tuque	119.80	15	P	PKPdf	01 09 39.5	-0.4
U39A	Green Forest	119.86	37	P	PKPdf	01 09 39.1	-1.2
T40A	Mansfield	119.90	36	P	PKPdf	01 09 39.5	-0.9
CCM	Cathedral Cave	119.98	34	ePKPdf	PKPdf	01 09 40.9	+0.4
CCM	Cathedral Cave	119.98	34	ePKIKP	PKPdf	01 09 40.9	+0.4
CCM	Cathedral Cave	119.98	34	P	PKPdf	01 09 40.2	-0.4
CLWO	Collingwood	120.04	22	P	PKPdf	01 09 40.1	-0.4
R41A	Jilico Farms,	120.04	35	P	PKPdf	01 09 40.0	-0.7
S42A	Luebbering	120.07	34	P	PKPdf	01 09 39.8	-0.9
V39A	Pettigrew	120.13	38	P	PKPdf	01 09 40.3	-0.7
Q43A	New Douglas	120.18	33	P	PKPdf	01 09 41.0	+0.2
N46A	Monticello	120.20	29	P	PKPdf	01 09 40.6	-0.2
U45A	Potomac	120.22	30	P	PKPdf	01 09 40.7	-0.2
040A	Yellville	120.25	37	P	PKPdf	01 09 40.5	-0.6
P44A	Sand Creek, Wi	120.35	31	P	PKPdf	01 09 41.2	0.0
T41A	Mountain View	120.41	35	P	PKPdf	01 09 40.4	-1.0
L48A	N Adams	120.43	27	P	PKPdf	01 09 40.9	-0.4
S42A	Caledonia	120.44	34	P	PKPdf	01 09 40.8	-0.6
W39A	Magazine	120.48	38	P	PKPdf	01 09 41.0	-0.5
AAM	Ann Arbor	120.48	26	PFAKE LR		01 09 50.0	+8.7
Q44A	Meyer Farm, Va	120.57	32	P	PKPdf	01 09 41.9	+0.3
V40A	Witts Springs	120.65	37	ePKPdf	PKPdf	01 09 41.6	-0.3
V40A	Witts Springs	120.65	37	P	PKPdf	01 09 41.4	-0.6
ELFO	Elginfield	120.71	24	P	PKPdf	01 09 41.8	0.0
X39A	Fountain Ranch	120.73	39	P	PKPdf	01 09 42.1	+0.1
P45A	Graceland, Par	120.75	31	P	PKPdf	01 09 41.6	-0.3
TOAD	Torodi Ar. Sit	120.78	292	ePKPdf	PKPdf	01 09 41.9	-0.7
TORD	Torodi Ar. Bea	120.78	292	PKP	PKPdf	01 09 41.7	-0.9
TORD	Van Buren	120.80	35	ePKPdf	PKPbPbc	01 19 47.4	+0.7
T42A	Van Buren	120.80	35	P	PKPdf	01 09 41.9	-0.2
T42A	Van Buren	120.80	35	P	PKPdf	01 09 41.6	-0.5
U41A	Viola	120.81	36	P	PKPdf	01 09 41.7	-0.4
P46A	Rosedale	120.95	30	P	PKPdf	01 09 41.6	-0.8
047A	Sheridan	120.98	29	P	PKPdf	01 09 41.9	-0.4
R44A	Waltoville	121.02	33	P	PKPdf	01 09 42.0	-0.5
Q45A	Warren Harvey,	121.02	32	P	PKPdf	01 09 42.1	-0.3
MIAR	Mount Ida	121.04	39	ePKPdf	PKPdf	01 09 43.0	+0.4
MIAR	Mount Ida	121.04	39	ePKIKP MLR		01 09 43.0	+0.4
MIAR	Mount Ida	121.04	39	P	PKPdf	01 09 43.0	+0.4
V41A	Mountainview	121.05	37	P	PKPdf	01 09 41.8	-0.9
OLIL	Olney	121.17	32	ePKPdf	PKPdf	01 09 43.4	+0.6
U42A	Reviden	121.19	36	P	PKPdf	01 09 42.8	-0.1
T43A	Greenville	121.21	34	P	PKPdf	01 09 42.1	-0.8
PBMO	Poplar Bluff	121.35	35	ePKPdf	PKPdf	01 09 42.1	-1.1
N49A	Columbus Grove	121.36	27	P	PKPdf	01 09 42.2	-0.8
R47A	Skyilar, Fairir	121.41	32	P	PKPdf	01 09 43.2	-0.1
P45A	Martinsville	121.52	30	P	PKPdf	01 09 43.1	-0.4
S45A	Carrier Mills	121.71	33	P	PKPdf	01 09 43.1	-0.7
LONY	Lake Ozonia	121.82	18	PFAKE LR		01 10 00.0	+1.6
Q47A	Bedord North L	121.86	30	P	PKPdf	01 09 43.8	-0.3
049A	Covington	121.88	28	P	PKPdf	01 09 43.5	-0.6
N48A	Milroy	121.95	29	P	PKPdf	01 09 43.4	-0.9
P50A	Nevada	121.95	27	P	PKPdf	01 09 44.0	-0.3
Y41A	Eaglette Beard	122.08	39	P	PKPdf	01 09 43.9	-0.8
NATX	Nacogdoches	122.16	42	PFAKE LR		01 10 00.0	+1.5
Q48A	North Vernon	122.21	30	P	PKPdf	01 09 44.8	0.0
050A	Cable	122.24	27	P	PKPdf	01 09 44.7	-0.1

R47A	Wooly Knot Far	122.31	31	P	PKPdf	01 09 44.9	-0.1
KVXT	Kingsville	122.45	48	PFAKE LR		01 10 00.0	+1.4
ACSO	Alum Creek Sta	122.46	27	ePKPdf	PKPdf	01 09 45.0	-0.2
ACSO	Alum Creek Sta	122.46	27	P	PKPdf	01 09 44.6	-0.6
WCI	Wyandotte Cave	122.47	31	ePKPdf	PKPdf	01 09 45.3	0.0
WCI	Wyandotte Cave	122.47	31	ePKIKP	PKPdf	01 09 45.3	0.0
WCI	Wyandotte Cave	122.47	31	P	PKPdf	01 09 45.1	-0.2
HKT	Princeton	122.50	44	ePKPdf	PKPdf	01 09 47.2	+1.7
T46A	Mooney	122.52	33	P	PKPdf	01 09 44.9	-0.5
R48A	Northridge Ran	122.55	30	P	PKPdf	01 09 45.8	+0.3
P50A	Jamestown	122.59	28	P	PKPdf	01 09 44.6	-0.9
PKME	Peaks-Kenny Pk	122.63	14	PFAKE LR		01 10 00.0	+1.5
O51A	Patakskala	122.70	27	P	PKPdf	01 09 45.3	-0.4
LNIG	Linares	122.73	51	ePKPdf	PKPdf	01 09 46.2	0.0
M54A	Oil Creek Stat	122.79	24	P	PKPdf	01 09 45.8	-0.1
R49A	Shelbyville	122.98	30	P	PKPdf	01 09 46.3	0.0
S48A	Wiedeman Farm,	123.03	31	P	PKPdf	01 09 46.2	-0.2
WVT	Waverly	123.26	33	ePKPdf	PKPdf	01 09 46.8	-0.1
WVT	Waverly	123.26	33	ePKIKP	PKPdf	01 09 46.8	-0.1
WVT	Waverly	123.26	33	P	PKPdf	01 09 46.4	-0.5
T48A	Bowling Green	123.28	32	P	PKPdf	01 09 46.1	-0.8
U47A	Clarksville	123.31	33	P	PKPdf	01 09 46.9	0.0
S49A	Springfield	123.32	30	P	PKPdf	01 09 46.6	-0.3
P52A	Corning	123.33	27	P	PKPdf	01 09 46.1	-0.8
V46A	Holladay	123.34	34	P	PKPdf	01 09 46.8	-0.3
R50A	Paris	123.40	29	P	PKPdf	01 09 46.8	-0.3
341A	Kurthwood	123.41	41	ePKPdf	PKPdf	01 09 48.2	+1.0
341A	Kurthwood	123.41	41	P	PKPdf	01 09 47.2	-0.1
BINY	Binghamton	123.54	20	PFAKE LR		01 10 00.0	+1.3
OXF	Oxford	123.55	36	ePKPdf	PKPdf	01 09 47.7	+0.3
OXF	Oxford	123.55	36	ePKIKP	PKPdf	01 09 47.7	+0.3
OXF	Oxford	123.55	36	P	PKPdf	01 09 46.3	-1.2
U45A	UM Field Stati	123.62	36	P	PKPdf	01 09 46.3	-1.3
V47A	Nunnely	123.65	34	P	PKPdf	01 09 47.5	-0.2
U48A	Cassie Pea, Po	123.66	32	P	PKPdf	01 09 47.6	-0.1
T49A	Edmonton	123.72	31	ePKPdf	PKPdf	01 09 47.7	-0.1
T49A	Edmonton	123.72	31	P	PKPdf	01 09 47.3	-0.5
R51A	Hillsboro	123.74	29	P	PKPdf	01 09 47.2	-0.5
P53A	Whipple	123.77	26	P	PKPdf	01 09 47.3	-0.4
S50A	Richmond	123.84	30	P	PKPdf	01 09 47.3	-0.7
Y45A	Feager Farm, C	123.93	37	P	PKPdf	01 09 47.6	-0.6
PLAL	Pickwick Lake	123.97	35	ePKPdf	PKPdf	01 09 47.9	-0.4
W47A	Westpoint	124.03	34	P	PKPdf	01 09 47.9	-0.5
U49A	Joelling Sp	124.05	32	P	PKPdf	01 09 47.5	-0.9
V48A	Smith Brothers	124.09	33	ePKPdf	PKPdf	01 09 48.4	-0.1
V48A	Smith Brothers	124.09	33	P	PKPdf	01 09 47.6	-0.9
T50A	Mont Chateau	124.14	31	P	PKPdf	01 09 48.1	-0.5
SSPA	Standing Stone	124.22	23	P	PKPdf	01 09 48.2	-0.4
S51A	Beattyville	124.26	29	ePKPdf	PKPdf	01 09 48.5	-0.2
S51A	Beattyville	124.26	29	P	PKPdf	01 09 48.1	-0.7
O56A	Blue Knob Stat	124.28	23	P	PKPdf	01 09 48.1	-0.7
MCWV	Mont Chateau	124.28	25	P	PKPdf	01 09 47.9	-0.8
Y46A	Houston	124.32	36	P	PKPdf	01 09 48.2	-0.7
X47A	Russelville	124.43	35	P	PKPdf	01 09 48.2	-0.9
SS2A	Salyersville	124.48	29	P	PKPdf	01 09 48.6	-0.6
W48A	Pulaski	124.48	34	P	PKPdf	01 09 48.1	-1.1
V49A	McMinnville	124.56	32	P	PKPdf	01 09 49.2	-0.2
U50A	Jamestown	124.61	31	P	PKPdf	01 09 49.3	-0.2
T51A	Gray	124.63	30	P	PKPdf	01 09 49.3	-0.2
N59A	State Game Lan	124.75	21	P	PKPdf	01 09 49.7	+0.1
W49A	Belvidere	124.86	33	P	PKPdf	01 09 49.1	-0.8
Y47A	UCARP, Winfie	124.88	35	P	PKPdf	01 09 49.2	-0.8
X48A	Hartselle	124.93	34	ePKPdf	PKPdf	01 09 49.5	-0.7
X48A	Hartselle	124.93	34	P	PKPdf	01 09 49.3	-0.8
SW2	Sewanee	124.96	33	ePKPdf	PKPdf	01 09 50.1	-0.2
T52A	Halle	124.98	29	P	PKPdf	01 09 49.2	-0.9
V50A	Pikeville	125.05	32	P	PKPdf	01 09 49.4	-0.9
TZTN	Tazewell	125.15	30	P	PKPdf	01 09 50.1	-0.4
Y48A	Jasper	125.26	35	P	PKPdf	01 09 50.1	-0.6
X49A	Woodville	125.28	34	P	PKPdf	01 09 50.3	-0.5
W50A	Signal Mountai	125.30	32	ePKPdf	PKPdf	01 09 50.8	-0.1
W50A	Signal Mountai	125.30	32	P	PKPdf	01 09 50.3	-0.6
V51A	Loudon	125.33	31	ePKPdf	PKPdf	01 09 51.4	+0.5
V51A	Loudon	125.33	31	P	PKPdf	01 09 50.6	-0.3
U52A	Thorn Hill	125.36	30	P	PKPdf	01 09 50.6	-0.3
Z48A	Northport	125.43	36	P	PKPdf	01 09 50.8	-0.3
V52A	Sevierville	125.69	31	ePKPdf	PKPdf	01 09 52.0	+0.4
V52A	Sevierville	125.69	31	P	PKPdf	01 09 51.6	-0.1
Y49A	Blount Mountai	125.72	34	P	PKPdf	01 09 51.4	-0.3
TKL	Tuckaleechee C	125.74	31	PKP	PKPdf	01 09 51.8	+0.1
TKL	Tuckaleechee C	125.74	3				

IDC 04 01:33:00.6:3.4, 4.47S:-151.59E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.5/2, mbtmp3.8/3, Error ellipse: s-maj=121.8km s-min=46.0km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, and TORD Torodi Ar. Bea.

KRSC 04 01:46:45.6:1.6, 5.008N:157.13E, h60km, 25km, ML4.0, Kuril Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include SKR Severo-Kuril's, PAU Pauzhetka, KDTR Khodutka, MTRV Mutnovka, RUS Russkaya, UGLR Uglovaya, AVH Avacha, KOK Koryaka, KRER Koryakskii, SDR Selovkina, NLC Naltychevo, SPN Mys Shipunski, GNL Ganaly, MKZ Mys Kozlova, KBTR Krutoberegovo.

IDC 04 01:49:58.6:2.2, 10.70N:-126.39E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/7, mbtmp3.7/6, Error ellipse: s-maj=224.6km s-min=17.9km az=65.0, Philippine Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, KURBB Kurchatov Arr, BEAR Borovoye Array.

ISCJB 04 01:57:31.3:0.5, 23.01S:-0.04E, h0km, mb3.4/4km, mb4.0/8, Error ellipse: s-maj=12.0km s-min=6.2km az=21.3

GUC 04 01:57:32.2:0.9, 22.93S:70.19W, h46km, 2km, ML4.2, IDC 04 01:57:33.2:0.5, 22.96S:70.11W, h61km, 30km, mb3.7/8, mb1 3.9/11, mb1mx3.6/2, mbtmp3.9/11, ML3.6/3, Error ellipse: s-maj=30.9km s-min=20.8km az=70.0

ISC 04 01:57:32.1:0.8, 22.99S:-0.05E, h0km, 20km, h53km, 8km, NZT, c094/28, mb3.9/8, 4C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include PB10 IPOC Station P, PB06 IPOC Station P, PB04 IPOC Station P, PB03 IPOC Station P, PB07 IPOC Station P, PB09 IPOC Station P, PB02 IPOC Station P, CPUP Villa Florida, PLCA Paso Flores, PTGA Pitinga, SJG San Juan, TKL Tackaleechee C, TXAR Tajitas Array, ANMO Albuquerque, NVAR Mina Array Bea, TORD Torodi Ar. Bea, 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.

ISCJB 04 02:07:45.7:0.4, 44.20N:0.01E, 17.86E, h1km, 3km, Error ellipse: s-maj=2.6km s-min=2.0km az=32.3

BEO 04 02:07:47.8:0.3, 44.20N:17.84E, h11km, 2km, ML3.2/14 SAR 04 02:07:47.8:0.2, 44.20N:17.87E, h5km, 2km, ML3.3/1 LDG 04 02:07:47.5:0.1, 44.32N:18.05E, h2km, 1M3.5/4, Error ellipse: s-maj=3.0km s-min=1.9km az=33.0

PRU 04 02:07:49.1:0.4, 44.31N:17.93E, h0km, Error ellipse: s-maj=3.0km s-min=1.9km az=33.0

ISC 04 02:07:47.7:1.0, 44.22N:0.02E, 17.89E, h0km, 11km, 9km, n107, c136/162, 16C-7D, Northwestern Balkan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include DOB Doboj, MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, MORC Ostrava-Krasne, MOTA Motalma, KHC Kasperske Hory, KRKC Krailky, KRJC Kralupy, RETA Reutte, DPC Dobruska-Polom, DAVA Damueli.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include BLY Banja Luka, HAPS Han Pijesak, BLS Lazici, BBLs Lazici, TEKS Tekeris, UPM Unac-Piva, STON Ston, STON Ston, STON Ston, BRV Bratogost, DIVS Divibare, DIVS Divibare, UDBI Udbina, FRGS Fruska Gora, FRGS Fruska Gora, IVAS Ivanjica, SJES Sjenica, TRUS Trudelj, HCY Herceg Novi, BEO Beograd, PDG Podgorica, PDG Podgorica, PDG Podgorica, GRUZ Gruza, ZAG Zagreb, NJLJ Novajia, OZLJ Ozalj, DRME Dracevica, MDRV Cresnjak, CHES Cres, BEHE Becsehely, SVIS Svitajnac, SELV Selova, BANR Banloc, RIV Rijeka, KUBS Kucevo, MDRV Moldovita, MDRV Moldovita, BOVS Bovan, CEY Cerknica, BZS Buzias, BZS Buzias, LJU Ljubljana, SOKA Soboth, BARS Barje, BARS Barje, OBKA Obir, HERR Herculan, HERR Herculan, SKO Skopje, ARSA Arzberg, SG1 Sgoljore (BA), ZAPS Zavoj, MASS Massafra, MATER Matera, AQU L'Aquila, KRUS Krusevo, OHR OHR, MYKA Terra Mystica, MYKA MYKA, PSZ Piskizetko, CONA Conrad Ober, BIA Bitola, VTRS Vitosh, DRS DRS, DRGR DRGR, SMOL Smolenice, VYHS Vyhne, VYHS Vyhne, MOA Mollin, MOA Mollin, ABTA Alftersbach, ABTA Alftersbach, KECS Kecovo, JAVC Velka Javorina, ARR Arges, KRUC Kravicky, LANS Liptovska Anna, TRPA Tarpa, TRIP Timpangrande, VRAC Vranov, VOIR VOIR, CRVS Cervenica-Dubn, WATA Walderalm, MORC Moravsky Berou, MORC Moravsky Berou, MORC Moravsky Berou, MORC Ostrava-Krasne, MOTA Motalma, KHC Kasperske Hory, KRKC Krailky, KRJC Kralupy, RETA Reutte, DPC Dobruska-Polom, DAVA Damueli.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include SBF Sospel, CLL Collin, LPL La Plagne, FRF La Foret Royal, LMR La Moure, ORIF Oris-en-Rattie, SMRF St. Remy la Rot, VJVF Saint-Julien, SMF Signal de Mont, AVF Avril sur air, TCF Toulx Ste Croi.

IDC 04 02:08:22.1:0.8, 5.89S:-153.50E, h0km, mb4.1/12, mb1 4.1/13, mb1mx3.9/55, mbtmp4.1/13, ML2.3/1, Error ellipse: s-maj=28.7km s-min=17.1km az=99.0

NEIC 04 02:08:24.1:0.4, 5.94S:-153.39E, h10km, mb4.6/10, Error ellipse: s-maj=1.7km s-min=8.8km az=88.0

ISCJB 04 02:08:25.0:0.4, 5.92S:0.06E, 153.47E:0.07, h32km, mb4.4/19, Error ellipse: s-maj=10.7km s-min=8.3km az=29.3

ISC 04 02:08:27.2:0.5, 5.83S:0.07E, 153.50E:0.08, h32km, n40, c131/43, mb4.3/19, New Ireland region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include RABL Rabaul, PMB Port Moresby, PMG Port Moresby, PATS Paterson, DZM Mont Dzumac, WRB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, ASOI Alice Springs, ASOI Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, BFZ Birch Farm, JNU Nakatsue, JNU Nakatsue, RAR Rarotonga, USRK Zassulyak Arr, SONAO Songoing Array, SONAM Songoing Array, SONM Songoing Array, VNSA VNSA, MK01 Makanchi Array, MK01 Makanchi Array, MK02 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ZAAO Zassulyak Arr, ZALV Zassulyak Beam, ZALV Zassulyak Beam, ZAA1 Zassulyak Arr, GSPA South Pole Qui, EGAK Eagle, KURBB Kurchatov Arr, PAGB Antelope Grade, BVAR Borovoye Array, J08A Circle Bar Ran, MDT Midelt, BDFB Brasilia, TORD Torodi Ar. Bea, TOAT Torodi Ar. Sit, DJA 04 02:09:22.5:1.4, 11.1S:-11.14E, h23km, 21km, ML4.2/13, Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include JAGI Jajag, BANYU Banyuwangi, GJG Gumukmas, GMJI Singaraja, SRBI Singaraja, BLJI Banyuwangi, PWJI Pagerwojo, TWSI Taliwang, PCJI Pacitan, WOJI Wonogiri, PLAI Plampang, UAM Wanagama.

IDC 04 02:11:26.3:0.4, 2.182S:175.00W, h0km, mb4.7/28, mb1 4.9/30, mb1mx4.7/53, mbtmp4.8/30, ML5.2/2, MS4.7/46, Ms1 4.7/46, ms1mx4.7/50, Error ellipse: s-maj=14.6km s-min=12.9km az=110.0

MOS 04 02:11:28.3:2.2, 22.26S:173.92W, h33km, mb5.1/19, Error ellipse: s-maj=23.5km s-min=10.6km az=71.6

ISCJB 04 02:11:30.1:0.2, 21.94S:0.04E, 175.11W:0.04, h33km, mb5.0/12, MS4.8/47, Error ellipse: s-maj=7.2km s-min=4.2km az=138.4

NEIC 04 02:11:31.7:0.2, 21.96S:175.07W, h35km, mb5.0/65, Error ellipse: s-maj=8.3km s-min=5.4km az=139.0

GCMT 04 02:11:33.7:0.1, 22.03S:0.01E, 174.46W:0.01, h20km, MW5.4/115, Moment Tensor Solution, s96, c175, s115, c218, Duration: 1s2 Moment tensor: Scale 1017 Nm; Mw=1.28; Mo=0.22e-02; Mo=0.59e-03; Best double couple: Mo1.58000e+1017 NP1:3e37,00000; s86,00000; 7,98,00000; NP2:3e21,00000; s30,00000; 7,76,00000; Principal axes: T: 1.5150, P: 1.6730000; Azm:327.00000; N: 0.1360, P: 0.1670000; Azm:213.00000; P: -1.6440; P: 0.150000; Azm:121.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

BUJ 04 02:12:51.2:0.2, 152.10S:179.90E, h589km, mb4.9/11, mb5.1/7

ISC 04 02:11:30.3:0.8, 22.01S:-0.05E, 174.91W:0.06, h28km, 4km, n398, c139/357, mb5.0/111, MS4.9/47, 31C-15D, Tonga Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include JAGI Jajag, GJG Gumukmas, GMJI Singaraja, SRBI Singaraja, BLJI Banyuwangi, PWJI Pagerwojo, TWSI Taliwang, PCJI Pacitan, WOJI Wonogiri, PLAI Plampang, UAM Wanagama.

Table with columns: RAO, Raoul Island, 7.71 200 Pn, 02 13 22.5 +1.8, etc. Includes rows for RAO, RAO, RAO, AFI, AFI, AFI, etc.

Table with columns: NWAO, Narrogin (SRO), 60.28 244 LR, 02 47 26.8, etc. Includes rows for NWAO, MBWA, MBWA, CASY, CASY, DAV, etc.

Table with columns: TPNV, Topopah Spring, 80.58 44 eP, 02 23 41.2 +0.7, etc. Includes rows for TPNV, TPNV, KVN, KVN, KVN, etc.

4d 2h

Table with columns: ILA, WNF, WFSB, TWE, JYNG, SLBB, ENA, YOJ, YOJ, YOJ, ENTT, YM07, YM07, NWLT, NWLT, TAP1, TAP1, YM08, YM08, YM11, YM11, TATO, TATO, YM10, YM10, TAP, TAP, YM12, YM12, YM04, YM04, YM03, YM03, TWY, TWY, PCYT, PCYT, YHNB, YHNB, NTST, NTST, TWS1, TWS1, NSK, NSK, NACB, NACB, NNS, NNS, TWD, TWD, TWD, HWA, HWA, NCUH, NCUH, ENLB, ENLB, WHF, WHF, TWT, TWT, TDCB, TDCB, NSTT, NSTT, ESL, ESL, CHGB, CHGB, IRIF, IRIF, EGFH, EGFH, NMLH, NMLH, NSY, NSY, TWQ1, TWQ1, HATJ, HATJ, EHY, EHY

2012 SEP

Table with columns: EHY, JKRS, SSSL, SSSL, TYC, TYC, YULB, YULB, JJJ, JJJ, TWF1, TWF1, FULB, FULB, TWF1, TWF1, FULB, FULB, TWG, TWG, Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC

216

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WNF Wu-fen Shan, WFSB Wu-fen Shan, TWA Mucha, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TWK baz=246, RLNB Erlin, WTCT Ta-ch'eng, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and other parameters. Includes stations like FIAO FINESSE Array B, BR101 Keskin Array S, etc.

Table of station data for Warramunga Arr, WB2, COEN, COEN, COEN, MBWA, SBUM, AS31, AS31, ASAR, ASAR, PMG, AS01, TGY, CTA, CTA, CTA, FORT, STKA, STKA, EIDS, NWA0, NWA0, GSI, JOW, ARMA, CAN, SUKH, CMAR, CMMT, CHTO, CHTO, JUN, NJ2, KMI, KMI, KSR, MJAR, LZH, LZH, LZH, HHC, HHC, HHC, CN2, CN2, USRK, GTA, GTA, GTA, WKZ, RPZ, LTZ, SONM, SONA, HMDM, AFI, WMQ, WMQ, WMQ, WMQ, CASY, MK01, MK31, MKAR, MKAR, MKAR, MKAR, ZALV, KURBB, KURBB, MAW, BVAR, OPO, ABKAR, QSPA, QSPA, RAYN, SNA, CLL, PDR, ANMO, TXAR, TORC, TORC, PASO, TKL, JTS, CPUP, LPZA, LPZA

Table of station data for IDC 04 03:13:44.3, 5.1, 9.91N, 126.64E, h0km, mb4.1/6, mb1 4.1/6, mb1mx3.6/65, mbtmp4.1/6, MS2.4/1, Ms1 2.4/1, ms1mx2.2/63, Error ellipse: s-maj=186.1km, s-min=114.6km az=39.0, MAN 04 03:13:45.2, 10.46N, 127.00E, h16km, mb4.5, ML3.4, MS3.2, ISCJB 04 03:13:47.5, 0.9, 10.40N, 0.06, 126.84E, 0.07, h20km, mb4.1/6, MS2.4/1, Error ellipse: s-maj=10.4km, s-min=7.9km az=176.5, ISC 04 03:13:49.0, 1.2, 10.37N, 0.06, 126.77E, 0.09, h20km, n13, r+125.17, mb4.2/6, 2D, Philippine Islands region, BESP, BESP, BUTP, BUTP, MSLP, MSLP, PLP, PLP, CNP, CNP, RCR, RCR, KLR, KLR, MKAR, MKAR, KURBB, KURBB, BVAR, BVAR, ARCES, ARCES, BRTR, BRTR, FINES, FINES, MEX 04 03:25:44.6, 6.0, 14.24N, 91.23W, h102km, 18km, MD3.5, IDC 04 03:25:47.6, 3.0, 13.92N, 91.22W, h97km, 25km, mb3.1/3, mb1 3.3/5, mb1mx3.1/51, mbtmp3.3/5, Error ellipse: s-maj=43.2km s-min=26.4km az=68.0, ISC 04 03:25:47.5, 1.4, 14.22N, 0.1, 91.47W, 0.07, h73km, n9, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, THIG, THIG, APG, APG, APG, APG, CCIG, CCIG, PCIG, PCIG, JTS, JTS, TXAR, TXAR, TKL, TKL, NVAR, NVAR, NVAR, NVAR, NEIC 04 03:28:18.8, 0.0, 19.71N, 64.12W, h53km, MD3.4 (RSPR), After RSPR, RSPR 04 03:28:18.8, 19.71N, 64.12W, h53km, 12km, MD3.4/5, 21C, Virgin Islands, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, ABV, ABV, ABV, ABV, ABV, ABV, TBVI, TBVI, TBVI, TBVI, STVI, STVI, STVI, STVI, STVI, STVI, CUPR, CUPR, CUPR, CUPR, MTP, MTP, MTP, MTP, MTP, MTP, CBVP, CBVP, CBVP, CBVP, HUMP, HUMP, HUMP, HUMP, HUMP, HUMP, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, CELP, CELP, CELP, CELP, CELP, CELP, CRPR, CRPR, CRPR, CRPR, IDC 04 03:28:23.3, 3.1, 4.55E, 151.70E, h0km, mb6.3/3, mb1 3.8/3, mb1mx3.3/52, mbtmp3.6/3, Error ellipse: s-maj=115.3km s-min=43.4km az=122.0, New Britain region, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, WRA, WRA, ASAR, ASAR, FITZ, FITZ, TORO, TORO, JMA 04 03:41:48.5, 36.69N, 140.64E, h8km, 1km, M3.5, 5C-1D, Broadband fault plane solution: P waves, NP2: e=124.00000, 856.00000, -137.00000, NP2: e=6.00000, 856.00000, -43.00000, Principal axes: T Plg0.00000, Azm245.00000, N: Plg37.00000, Azm155.00000, P: Plg633.00000, Azm335.00000, Near east coast of eastern Honshu, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, JHO, JHO, JHO, JHYU, JHYU, JHYU, JFYD, JFYD, ONAJ, ONAJ, ONAJ, JYT, JYT, JYT, JISB, JISB, JFT, JFT, JFT, JFT, JFT

Table of station data for MAT, MAT, ISCJB 04 03:48:38.0, 0.0, 2.5, 78N, 0.0, 122.22E, 0.0, 2, h9km, 3km, Error ellipse: s-maj=3.4km s-min=3.2km az=145.6, JMA 04 03:48:38.2, 24.70N, 122.22E, h4km, TAP 04 03:48:38.2, 24.81N, 122.17E, h15km, ML2.6, B, ISC 04 03:48:38.2, 0.9, 24.77N, 0.02, 122.22E, 0.02, h13km, 7km, n31, 0565/60, Taiwan region, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, E0S1, E0S1, E0S1, EGS, EGS, EGS, TWB1, TWB1, TWB1, TWC, TWC, TWC, TWC, TWPB, TWPB, ENAH, ENAH, ENAH, NWF, NWF, NWF, WFSB, WFSB, WFSB, TWE, TWE, TWE, ENA, ENA, ENA, YM07, YM07, YM07, TATO, TATO, TATO, YM10, YM10, YJNG, YJNG, YJNG, TWY, TWY, YHNB, YHNB, YHNB, YOJ, YOJ, YOJ, YOJ, NSK, NSK, NACB, NACB, NACB, NNS, NNS, NNS, PCYT, PCYT, PCYT, TWD, TWD, TWD, WHF, WHF, WHF, TDCB, TDCB, TDCB, NSTT, NSTT, CHGB, CHGB, CHGB, IRIF, IRIF, SSSL, SSSL, SSSL, YULB, YULB, YULB, FULB, FULB, FULB, ISCJB 04 04:17:38.6, 0.6, 5.61N, 0.08, 126.73E, 0.07, h66km, mb3.8/1, Error ellipse: s-maj=13.4km s-min=6.8km az=43.8, IDC 04 04:17:39.9, 3.1, 5.62N, 126.65E, h60km, 27km, mb3.7/1, mb1 3.8/1, mb1mx3.6/63, mbtmp4.0/11, Error ellipse: s-maj=57.6km s-min=13.2km az=71.0, ISC 04 04:17:40.3, 0.8, 5.60N, 0.09, 126.67E, 0.10, h66km, n21, 0592/22, mb3.9/11, Mindanao, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, DDMP, DDMP, DDMP, MATI, MATI, MATI, GSPH, GSPH, GSPH, DAV, DAV, DAV, DAV, DAV, SKMP, SKMP, SKMP, BUKP, BUKP, BUKP, FITZ, FITZ, FITZ, WRA, WRA, WRA, ASAR, ASAR, ASAR, H1S3, H1S3, H1S1, H1S1, H1S2, H1S2

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like SONMG Songoing Array, MKAR Makanchi Array, ZALV Zalevo Beam, etc.

IDC 04:27:11.0.0.4, 10.82Sx113.97E, h0km, mb4.7/32, mb1.4/8/35, mb1mx4.7/64, mbmp4.8/35, MLS.1/3, MS4.0/41, Ms1.4/0.41, ms1mx3.9/59, Error ellipse: s-maj=13.5km s-min=10.3km az=64.0

BUI 04:27:11.3, 10.90Sx114.00E, h11km, mb5.0/54, mb5.0/36, Ms4.6/30, Ms7.4.3/31, 10.94Sx113.96E, h10km, mb5.0/42, Error ellipse: s-maj=7.2km s-min=4.2km az=222.0

NEIC 04:27:14.1.0.7, 11.52Sx117.41E, h27km, mb5.2/42, mb5.6/25, mb5.2/42, MLV5.5/26, Mw(mb)5.1/25, ISCJCB 04:27:14.1.0.9, 10.88Sx113.98E, h0.02, h33km, 6km, mb4.9/107, MS4.1/48, Error ellipse: s-maj=4.4km s-min=3.1km az=32.7

MOS 04:27:14.1.1.5, 10.60Sx113.99E, h25km, mb5.1/59, Error ellipse: s-maj=9.9km s-min=5.9km az=117.9

GCMT 04:27:15.0.0.3, 11.07Sx110.1x114.13E, h0.02, h20km, 1km, MW5.0/77, Moment Tensor Solution, s34, c43, s77, c119; Duration: 0. Moment tensor: Scale 10^16Nm; Mw=2.10; 20; Mw=3.17; 13; Mw=1.87; 14; Mw=0.79; 20; Mw=1.24; 10; Mw=1.85; 34; Best double couple: Mw.412000x10^16

NP1=316.00000, s68.00000, -14.400000... NP2: e65.00000, s60.00000, -15.000000... Principal axes: T 4.4360, Plg11.00000, Azm14.00000; N -0.5870, Plg42.00000, Azm14.00000; P -3.8490, Plg46.00000, Azm273.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04:27:14.5.0.7, 10.90Sx114.00E, h0.04, h25km, 4km, mb6.6, s154/822, mb5.0/107, MS4.0/49, 9C-9D, South of Bali

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like IGBI Denpasar, JAGI Jajag, DNP Denpasar, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like MORW Morawa, WGSJ Sangihe, WAKA Waukana, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like GYA comp=Z,20nm,0.8s, GYA comp=Z,120nm,5.6s, etc.

4d 4h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MAJO Matusushiro, MAT Matusushiro, MJAR Matusushiro Arr, etc.

2012 SEP

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SHME Shamm, ASUD Al Ashush, DUB, NKLL Nikolayevsk, etc.

220

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NVL N'lazarevskaya, BOSA Boshov, BOSA Boshov, etc.

XPFO	Pionon Flats	128.67	56	ePKPdf	PKPdf	04 46 23.3 +2.9
TPFO	Pinon Flats	128.67	56	P	PKPdf	04 46 22.9 +2.6
YHH	Holmes Hill	128.85	40	ePKPdf	PKPdf	04 46 23.6 +3.0
MONP2	Monument Peak	128.87	56	P	PKPdf	04 46 22.5 +1.6
SHPR	Sheep Range	128.92	52	ePKPdf	PKPdf	04 46 24.1 +3.3
BELC	Belle Mtn. Jos.	128.94	55	P	PKPdf	04 46 23.3 +2.4
GMRC	Granite Mounta	129.01	54	P	PKPdf	04 46 22.9 +1.9
IKP	In-Ko-Pah, Jac	129.18	57	P	PKPdf	04 46 22.9 +1.6
FXWV	Fox Creek	129.25	42	ePKPdf	PKPdf	04 46 23.1 +1.7
DUG	Dugway, Tooele	129.44	46	ePKPdf	PKPdf	04 46 24.2 +2.8
DUG	Dugway, Tooele	129.44	46	ePKIKP	PKPdf	04 46 22.9 +1.3
BC3	Big Chuckwall	129.47	55	P	PKPdf	04 46 24.4 +2.6
REDW	Red Top Meadow	129.49	42	ePKPdf	PKPdf	04 46 24.0 +2.2
SNOW	Snow King Moun	129.51	42	ePKPdf	PKPdf	04 46 23.7 +1.8
LOHW	Long Hollow	129.54	41	ePKPdf	PKPdf	04 46 23.6 +1.7
IRM	Iron Mountain	129.59	55	P	PKPdf	04 46 23.3 +1.8
Y12C	Blythe	130.19	55	P	PKPdf	04 46 25.5 +2.4
LCMT	Little Creek M	130.23	50	ePKPdf	PKPdf	04 46 26.5 +3.3
W13A	Hualapai Mount	130.33	53	ePKPdf	PKPdf	04 46 26.8 +3.2
BW06	Boulder Array	130.60	42	ePKPdf	PKPdf	04 46 25.6 +1.7
PD31	Pinedale Array	130.60	42	ePKPdf	PKPdf	04 46 24.6 +0.7
PDAR	Pinedale Array	130.60	42	PKP	PKPdf	04 46 24.6 +0.7
LAO	LASA Array	130.71	36	ePKPdf	PKPdf	04 46 25.9 +2.2
LAO	LASA Array	130.71	36	P	PKPdf	04 46 26.1 +2.4
U15A	North Rim	131.14	51	ePKPdf	PKPdf	04 46 27.8 +2.6
WUAZ	Wupatki	132.15	52	P	PKPdf	04 46 28.9 +2.0
X16A	Lo Mia Camp, P	132.45	53	ePKPdf	PKPdf	04 46 30.3 +2.7
K22A	Casper	132.63	41	P	PKPdf	04 46 28.4 +0.7
RWWY	Rawlins	132.65	42	ePKPdf	PKPdf	04 46 29.3 +1.5
AOAM	White River Ci	132.66	45	ePKPdf	PKPdf	04 46 30.2 +2.3
O20A	White River Ci	132.66	45	P	PKPdf	04 46 31.1 +2.8
PV10	Paradox Valley	132.84	47	ePKPdf	PKPdf	04 46 31.6 +3.2
PV14	Lyon Creek, Pa	132.85	47	ePKPdf	PKPdf	04 46 31.3 +2.8
PV16	Niwonger Mesa	132.95	47	ePKPdf	PKPdf	04 46 31.6 +2.8
PV02	Paradox Valley	133.12	47	ePKPdf	PKPdf	04 46 31.2 +2.1
PV01	Paradox Valley	133.28	47	ePKPdf	PKPdf	04 46 30.0 +0.8
RSSD	Black Hills	133.40	38	P	PKPdf	04 46 30.1 +1.0
MDND	Madlock	133.60	31	P	PKPdf	04 46 31.0 +1.2
TUC	Tucson	133.61	56	P	PKPdf	04 46 31.9 +2.1
MVCO	Mesa Verde	133.70	48	P	PKPdf	04 46 32.5 +2.5
N23A	Red Feather La	133.87	43	P	PKPdf	04 46 32.7 +2.6
ISCO	Idaho Springs	134.61	44	P	PKPdf	04 46 33.8 +2.1
S22A	4UR Ranch, Cre	134.69	47	ePKPdf	PKPdf	04 46 34.1 +2.3
S22C	4UR Ranch, Cre	134.69	47	P	PKPdf	04 46 33.8 +1.9
SDDO	Great Sand Dun	135.63	46	P	PKPdf	04 46 34.7 +1.1
121A	Cookes Peak, D	135.95	54	P	PKPdf	04 46 36.7 +2.5
ANMO	Albuquerque	136.11	50	PKP	PKPdf	04 46 35.9 +1.5
ANMO	Albuquerque	136.11	50	ePKPdf	PKPdf	04 46 36.6 +2.1
ANMO	Albuquerque	136.11	50	ePKIKP	PKPdf	04 46 35.8 +1.4
ANMO	Albuquerque	136.11	50	PKP	PKPdf	04 46 35.6 +1.1
T25A	Trinidad	136.68	46	P	PKPdf	04 46 38.8 +3.3
ECSD	EROS Data Cent	137.89	33	ePKPdf	PKPdf	04 46 38.0 +0.7
ECSD	EROS Data Cent	137.89	33	P	PKPdf	04 46 37.2 -0.1
MNTX	Cornudas Mount	138.15	54	ePKPdf	PKPdf	04 46 37.1 -1.0
MNTX	Cornudas Mount	138.15	54	P	PKPdf	04 46 39.2 +1.1
E38A	The Farm, Brul	138.21	27	P	PKPdf	04 46 38.6 +0.7
F38A	Pierce - Schro	138.66	28	P	PKPdf	04 46 40.9 +2.4
H36A	Jessenland, He	138.71	31	P	PKPdf	04 46 41.9 +3.2
SPMN	Marine on St.	138.78	29	P	PKPdf	04 46 40.5 +1.7
E39A	Mellen	138.92	26	P	PKPdf	04 46 39.8 +0.8
E40A	Wakefield	139.15	25	P	PKPdf	04 46 41.8 +2.3
MSTX	Muleshoe	139.28	50	P	PKPdf	04 46 41.2 +1.0
F40A	Park Falls	139.47	26	P	PKPdf	04 46 40.7 +0.6
K36A	Gilmore City	139.80	33	P	PKPdf	04 46 41.0 +0.2
E42A	Champion	139.97	24	P	PKPdf	04 46 42.6 +1.6
F41A	Three Lakes	140.05	25	P	PKPdf	04 46 42.4 +1.3
LTX	Lajitas	140.35	57	ePKPpre	PKPpre	04 46 34.6
LTX	Lajitas	140.35	57	ePKPpre	PKPpre	04 46 34.6
TX31	Lajitas Ar. Si.	140.35	57	ePKPpre	PKPpre	04 46 35.4
TX31	Lajitas Ar. Si.	140.35	57	ePKPpre	PKPpre	04 46 36.1
TXAR	Lajitas Array	140.35	57	ePKPpre	PKPpre	04 46 34.6
G42A	Mountain	140.73	25	P	PKPdf	04 46 45.1 +2.8
KSU1	Kansas State U	140.84	39	P	PKPdf	04 46 45.4 +2.7
H43A	Windswept, Lux	141.63	25	P	PKPdf	04 46 43.8 -0.2
JPFW	Jewell Farm	141.73	29	P	PKPdf	04 46 43.9 -0.3
CFUP	Villa Florida	142.05	193	PKP	PKPdf	04 46 45.5 +0.2
ZAIG	Zacatecas	143.12	67	ePKPdf	PKPdf	04 46 46.5 -1.2
S39A	Bolivar	143.72	38	ePKPdf	PKPdf	04 46 46.1 +0.7
BATG	Bathurst New B	143.75	0	ePKPdf	PKPdf	04 46 45.8 +0.6
R40A	Maddies Statio	143.97	36	ePKPdf	PKPpre	04 46 46.1
R40A	Maddies Statio	143.97	36	P	PKPpre	04 46 46.3 +0.1
HDIL	Hopedale	143.98	31	ePKPpre	PKPpre	04 46 46.3
HDIL	Hopedale	143.98	31	P	PKPpre	04 46 46.4 +0.3
Q41A	Truxton	144.11	35	P	PKPbc	04 46 46.9 +0.4
T39A	Clever	144.13	39	P	PKPbc	04 46 46.9 +0.2
P42A	Winchester	144.15	33	ePKPdf	PKPbc	04 46 46.8 +0.2
P42A	Winchester	144.15	33	P	PKPbc	04 46 46.8 +0.1
WHTX	Lake Whitney	144.16	49	ePKPdf	PKPbc	04 46 48.7 -0.2
WHTX	Lake Whitney	144.16	49	P	PKPbc	04 46 47.9 +0.9
Q43A	Sugar Creek Fa	144.17	31	P	PKPbc	04 46 46.8 +0.1
H3AR	Hobbs	144.24	40	ePKPdf	PKPbc	04 46 47.3 +0.2
S40A	Lebanon	144.29	37	P	PKPbc	04 46 47.3 +0.1
PQI	Presque Isle	144.31	2	ePKPdf	PKPbc	04 46 47.4 +0.5
BASO	Ashfield	144.32	20	P	PKPdf	04 46 48.3 -0.4
CLWO	Collingwood	144.35	18	P	PKPdf	04 46 48.2 -0.7
N44A	Piper City	144.37	29	P	PKPbc	04 46 47.9 +0.6
BWLO	Walkerton	144.40	19	P	PKPdf	04 46 48.5 -0.4
U39A	Green Forest	144.47	40	P	PKPbc	04 46 48.0 +0.2
BANO	Bancroft	144.48	15	P	PKPbc	04 46 48.1 +0.5
R41A	Rosebud	144.48	36	P	PKPbc	04 46 48.3 +0.6
Q42A	Golden Eagle	144.53	34	P	PKPbc	04 46 48.3 +0.4

P43A	Skaggs, Pawnee	144.54	32	P	PKPbc	04 46 48.3 +0.4
ALFO	Alfred	144.56	11	P	PKPbc	04 46 48.2 +0.5
N45A	Mansfield	144.58	38	P	PKPbc	04 46 48.5 +0.4
ORIO	Orleans, Innes	144.61	12	P	PKPbc	04 46 48.6 +0.7
435B	Jarrell	144.62	51	ePKPdf	PKPdf	04 46 49.6 -0.1
435B	Jarrell	144.62	51	P	PKPdf	04 46 50.0 +0.3
N45A	Kentland	144.63	29	P	PKPdf	04 46 48.9 -0.4
PLVO	Plevna	144.66	14	P	PKPbc	04 46 48.5 +0.4
O49A	Mansfield	144.70	31	P	PKPab	04 46 48.2 0.0
V33A	Pettigrew	144.71	41	P	PKPab	04 46 48.6 +0.1
CCM	Cathedral Cave	144.72	36	ePKPdf	PKPbc	04 46 49.1 +0.5
CCM	Cathedral Cave	144.72	36	ePKIKP	PKPbc	04 46 49.1 +0.6
CCM	Cathedral Cave	144.72	36	P	PKPdf	04 46 49.5 -0.1
L47A	Sherwood	144.75	25	P	PKPbc	04 46 48.8 +0.4
S41A	Jillico Farms,	144.75	37	P	PKPab	04 46 48.6 0.0
R42A	Luebbering	144.82	35	P	PKPbc	04 46 49.3 +0.5
U40A	Yellville	144.88	39	P	PKPab	04 46 49.2 +0.1
N46A	Monticello	144.95	28	P	PKPab	04 46 48.7 -0.4
Q43A	New Douglas	144.96	33	P	PKPab	04 46 49.0 -0.2
MOIG	Morelli	144.97	71	ePKPbc	PKPbc	04 46 50.5 +0.4
O45A	Potomac	144.99	30	P	PKPbc	04 46 49.6 +0.3
W39A	Magazine	145.00	42	ePKPbc	PKPdf	04 46 50.0 -0.2
W39A	Magazine	145.00	42	P	PKPdf	04 46 49.7 +0.2
DELO	Deloro Mine	145.03	15	P	PKPbc	04 46 49.0 -0.2
L48A	N Adams	145.09	24	P	PKPab	04 46 49.9 +0.2
AOAM	Ann Arbor	145.10	23	ePKPbc	PKPdf	04 46 50.3 +0.2
AOAM	Ann Arbor	145.10	23	ePKIKP	PKPdf	04 46 50.3 +0.2
AOAM	Ann Arbor	145.10	23	P	PKPdf	04 46 50.4 +0.3
T41A	Mountain View	145.10	38	P	PKPbc	04 46 49.9 +0.1
P44A	Sand Creek, Wi	145.13	31	P	PKPdf	04 46 50.5 +0.2
PKFO	Pickering	145.16	17	P	PKPdf	04 46 50.1 -0.1
ELFO	Elginfield	145.16	20	P	PKPdf	04 46 50.4 +0.1
S42A	Caledonia	145.18	36	P	PKPab	04 46 50.2 +0.1
X39A	Fountain Ranch	145.19	43	P	PKPdf	04 46 51.2 +0.6
SFIN	Lafayette	145.19	29	ePKPbc	PKPdf	04 46 50.5 +0.2
SFIN	Lafayette	145.19	29	P	PKPdf	04 46 50.2 +0.2
ACTO	Acton	145.19	18	P	PKPdf	04 46 50.2 -0.1
L49A	Milan	145.22	24	P	PKPdf	04 46 50.4 0.0
FVM	French Village	145.24	35	ePKPbc	PKPdf	04 46 51.4 +0.8
FVM	French Village	145.24	35	ePKIKP	PKPdf	04 46 51.4 +0.8
V40A	Witts Springs	145.25	40	ePKPbc	PKPab	04 46 50.7 +0.2
V40A	Witts Springs	145.25	40	P	PKPab	04 46 50.6 +0.2
MOQ	Mort Ordorf	145.29	8	ePKPbc	PKPdf	04 46 51.0 +0.6
R43A	Red Bud	145.31	34	P	PKPbc	04 46 50.5 +0.1
LNIG	Linare	145.32	62	ePKPbc	PKPdf	04 46 51.7 +0.6
DRWO	Darlington Wes	145.34	16	P	PKPdf	04 46 51.3 +0.8
DRCO	St. Marys Ceme	145.34	16	P	PKPdf	04 46 51.1 +0.6
Q44A	Meyer Farm, Va	145.35	33	P	PKPbc	04 46 50.6 +0.1
M48A	Edgerton	145.36	25	ePKPbc	PKPdf	04 46 51.0 +0.3
M48A	Edgerton	145.36	25	P	PKPdf	04 46 51.0 +0.3
WLVO	Wesleyville	145.38	16	P	PKPab	04 46 50.9 +0.4
GBN	Guesborough	145.41	354	ePKPbc	PKPab	04 46 52.0 +1.4
U41A	Viola	145.47	39	P	PKPdf	04 46 51.1 +0.1
W40A	Ferguson Farm,	145.47	41	ePKPdf	PKPab	04 46 51.8 +0.6
W40A	Ferguson Farm,	145.47	41	P	PKPab	04 46 51.5 +0.3
T42A	Van Buren	145.51	37	ePKPdf	PKPab	04 46 51.6 +0.3
T42A	Van Buren	145.51	37	P	PKPab	04 46 51.7 +0.3
MIAR	Mount Ida	145.53	43	ePKPdf	PKPab	04 46 52.3 +0.8
MIAR	Mount Ida	145.53	43	ePKIKP	PKPab	04 46 52.3 +0.8
MIAR	Mount Ida	145.53	43	P	PKPab	04 46 52.2 +0.8
P45A	Graceland, Par	145.53	30	ePKPdf	PKPbc	04 46 51.6 +0.3
P45A	Graceland, Par	145.53	30	P	PKPbc	04 46 51.2 +0.1
FRNY	Flat Rock	145.56	10	ePKPdf	PKPab	04 46 51.5 +0.3
LRNY	Lake Ozonia	145.59	11	ePKPdf	PKPdf	04 46 51.8 +0.2
LRNY	Lake Ozonia	145.59	11	P	PKPdf	04 46 51.0 +0.1
PKME	Peaks-Kenny Pk	145.64	4	ePKPdf	PKPab	04 46 52.4 +0.9
PKME	Peaks-Kenny Pk	145.64	4	P	PKPab	04 46 52.1 +0.6
M49A	Liberty Center	145.67	24	P	PKPab	04 46 51.8 +0.1
V41A	Mountainview	145.68	40	P	PKPbc	04 46 51.8 +0.1
S43A	Fulton Ridge,	145.72	35	P	PKPab	04 46 52.1 0.0
P46A	Rosedale	145.73	30	P	PKPab	04 46 52.2 +0.1
O47A	Sheridan	145.73	28	P	PKPbc	04 46 52.0 +0.3
N48A	Decatur	145.74	2			

4d 5h

Table with columns: Wad, Name, Az, El, P, PKPbc, Time, Res. Includes entries like U46A, R51A, Q52A, etc.

2012 SEP

Main table with columns: Code, Station Name, Az, El, P, PKPbc, Time, Res. Includes entries like Z50A, Y51A, 348A, etc.

222

Table with columns: Code, Station Name, Az, El, P, PKPbc, Time, Res. Includes entries like CUZAR, SUSE, SVSK, etc.

MRA	San Martin	3.58	87	eP	Pn	05 31 10.4	-1.9
MRA				eS	Sn	05 31 43.7	-1.0
MRA				IAML		05 31 54.1	
APLL	comp=Z,741nm,0.4s						
APLL	PUNTA DE LOS L	3.69	53	eP	Pn	05 31 12.1	-1.8
APLL				IAML		05 32 19.5	
LCO	Las Campanas	3.71	350	ePn	Pn	05 31 13.1	-1.2
LCO	Las Campanas	3.71	350	eP	Pn	05 31 13.0	-1.2
LCO				eS	Sn	05 31 53.9	-3.7
LCO	Las Campanas	3.71	350	iP	Pn	05 31 52.7	-4.9
LCO				eS	Sn	05 31 57.1	
LCO				IAML			
ACL	comp=E,1um,0.4s						
VCA	CERRO LA CRUZ	4.13	39	eP	Pn	05 31 17.9	-1.9
VCA	Vinchina	4.20	21	eP	Pn	05 31 20.4	-0.3
VCA				IAML		05 32 13.4	
VCA	comp=Z,485nm,0.3s						
VCA	Vinchina	4.20	21	eP	Pn	05 31 20.1	-0.5
CCHI	Chillan	4.30	204	eP	Pn	05 31 19.1	-2.6
SUCO	SUCO	4.30	100	iP	Pn	05 31 20.5	-1.4
SUCO				IAML		05 32 10.1	
SUCO	comp=Z,403nm,0.3s						
TCA	Tanti	4.73	75	iP	Pn	05 31 25.4	-2.3
TCA				eS	Sn	05 32 12.2	-1.0
TCA				IAML		05 32 33.4	
TCA	comp=Z,378nm,0.4s						
TCA	Tanti	4.73	75	eP	Pn	05 31 25.2	-2.5
PIL	Pilar	5.23	81	iP	Pn	05 31 32.4	-1.9
CYA	Choya	5.53	41	iP	Pn	05 31 35.2	-3.1
CYA				eS	Sn	05 32 25.1	-1.6
CYA				IAML		05 32 36.4	
CYA	comp=Z,80nm,0.4s						
AHML	Horco Molle	7.11	35	iP	Pn	05 31 55.8	-3.8
AHML				IAML		05 34 07.7	
AHML	comp=Z,32nm,0.5s						
FSA	Cafayete	7.40	29	eP	Pn	05 32 01.5	-2.2
FSA				IAML		05 34 24.3	
FSA	comp=Z,23nm,0.8s						
PLCA	Paso Flores	8.06	183	P	Pn	05 32 10.7	-1.8
PLCA				LR	LR	05 35 27.7	
PLCA	comp=Z,0.8nm,0.3s,baz=21,slow=11,SNR=32						
PLCA	comp=Z,1.40nm,18.6s,baz=286,slow=38						
PLCA	Paso Flores	8.06	183	ePn	Pn	05 32 11.0	-1.4
TRQA	Torquait	8.43	132	eP	Pn	05 32 28.0	-2.4
AZAP	Zapia	9.45	28	eP	Pn	05 32 28.0	-3.4
AZAP				IAML		05 33 44.5	
AZAP	comp=Z,9.2nm,0.4s						
LVC	Limon Verde	10.07	5	ePn	Pn	05 32 38.1	-1.8
PB01	IPOC Station P	11.59	2	ePn	Pn	05 32 59.4	-0.6
PB01				eS	Sn	05 34 54.0	-1.4
CPUP	Villa Florida	12.67	63	P	Pn	05 33 08.6	-5.4
CPUP				P	Pn	05 33 08.6	-5.4
CPUP	comp=Z,0.2nm,0.3s,baz=240,slow=11,SNR=3.6						
CPUP	Villa Florida	12.67	63	ePn	Pn	05 33 09.4	-4.5
MNMC	Minye Minye	13.49	1	ePn	Pn	05 33 24.6	-0.3
LPAZ	La Paz	16.40	6	P	Pn	05 34 01.1	-0.5
LPAZ	comp=Z,0.5nm,0.3s,baz=198,slow=7.0,SNR=16						
LPAZ	La Paz	16.40	6	ePn	Pn	05 34 01.2	-0.5
SIV	San Ignacio	18.45	28	P	P	05 34 22.3	-2.0
SIV				P	P	05 34 22.3	-2.0
SIV	comp=Z,0.3nm,0.3s,baz=226,slow=13,SNR=9.1						
SAML	Samuel	24.43	16	eP	P	05 35 26.4	+1.3
SAML				P	P	05 35 26.4	+1.3
SAML	comp=Z,9.2nm,0.9s						
BDFB	Brasilia	26.14	55	P	P	05 35 37.4	-3.4
BDFB				P	P	05 35 37.4	-3.4
BDFB	comp=Z,4.7nm,1.1s,baz=242,slow=17,SNR=3.1						
BDFB	Brasilia	26.14	55	eP	Pn	05 36 05.5	-2.2
BDFB				P	P	05 36 05.5	-2.2
BDFB	comp=Z,5.4nm,1.0s,baz=234,slow=11,SNR=3.6						
PMSA	Palmer Station	32.33	175	P	P	05 36 33.2	-1.8
PMSA				P	P	05 36 33.2	-1.8
PMSA	comp=Z,4.7nm,0.4s,baz=15,slow=15,SNR=4.8						
PTGA	Pitinga	33.13	18	P	P	05 36 41.3	-1.2
PTGA				P	P	05 36 41.3	-1.2
PTGA	comp=Z,0.7nm,0.4s,baz=343,slow=20,SNR=3.7						
PTGA				P	P	05 37 09.5	-0.5
PTGA	comp=Z,1.6nm,0.3s,baz=220,slow=10,SNR=3.5						
VNA3	Neumayer-Olymp	49.93	158	P	P	05 38 59.7	+1.0
VNA1	Neumayer-Stat	50.21	158	P	P	05 39 02.0	+1.3
VNA2	Neumayer-Watz	50.56	158	P	P	05 39 05.0	+1.6
VNA2				P	P	05 39 05.0	+1.6
VNA2	comp=Z,284,slow=8.3						
SNA	Sanae	52.18	158	P	P	05 39 16.1	+0.8
SNA				P	P	05 39 15.1	-0.3
SNA	comp=Z,3.3nm,0.7s,baz=271,slow=8.1,SNR=16						
SNA				P	P	05 39 44.6	-0.2
SNA	comp=Z,4.2nm,0.9s,baz=278,slow=7.2,SNR=4.2						
SNA	Sanae	52.18	158	eP	Pn	05 39 16.0	+0.7
SNA				P	P	05 39 44.6	-0.2
TEIG	Tepich	55.45	339	eP	P	05 39 40.4	+0.7
TEIG				P	P	05 39 40.4	+0.7
TEIG	comp=Z,15nm,0.6s						
QSPA	South Pole Qui	57.56	180	P	P	05 39 54.6	+0.2
QSPA				P	P	05 39 54.6	+0.2
QSPA	comp=Z,1.0nm,0.9s,baz=151,slow=2.1,SNR=2.1						
QSPA	South Pole Qui	57.56	180	eP	Pn	05 39 55.5	+1.0
QSPA				P	P	05 40 13.6	+0.4
059A	Moore Haven	60.26	348	P	P	05 40 13.6	+0.4
557A	Orange Park	63.34	349	P	P	05 40 34.1	+0.3
557A				P	P	05 40 34.1	+0.3
557A	comp=Z,169						
555A	McAlpin	63.66	347	P	P	05 40 36.4	+0.5
353A	Camilla	65.09	347	P	P	05 40 45.4	+0.2
254A	Abbeville	65.50	348	P	P	05 40 47.9	+0.1
VNDA	Vanda	65.73	191	P	P	05 40 49.5	+0.7
VNDA				P	P	05 40 49.5	+0.7
VNDA	comp=Z,0.9nm,0.8s,baz=196,slow=8.1,SNR=7.1						
253A	Americus	65.77	347	P	P	05 40 50.0	+0.5
251A	Midway	66.06	346	P	P	05 40 51.7	+0.3
251A				P	P	05 40 51.7	+0.3
251A	comp=Z,166						
SYO	Syowa Base	66.45	158	eP	Pn	05 40 53.6	+0.1
152A	Waverly Hall	66.47	346	P	P	05 40 54.3	+0.3
Z54A	Sparta	66.68	348	P	P	05 40 55.5	+0.2
150A	Eclectic	66.68	345	P	P	05 40 56.4	+1.0
833A	Chaparral WMA,	66.81	332	P	P	05 40 57.8	+1.6
149A	Jones	66.84	345	P	P	05 40 56.9	+0.5
252A	Williamson	66.92	347	P	P	05 40 57.5	+0.6
GOGA	Godfrey	66.96	348	P	P	05 40 57.8	+0.7
245A	Little AP, Sta	67.06	342	P	P	05 40 59.3	+1.5
Y54A	Tignal	67.26	349	P	P	05 40 59.2	+0.2
Z50A	Ashland	67.29	346	eP	Pn	05 40 59.5	+0.3
Z50A				P	P	05 40 59.5	+0.3
Z50A	comp=Z,7.2nm,1.0s						
Z50A	Ashland	67.29	346	eP	Pn	05 41 31.5	+1.5
Z50A				P	P	05 40 59.5	+0.3
LRAL	Lakeview Retre	67.31	345	P	P	05 40 59.4	0.0
Z49A	Columbiana	67.36	345	P	P	05 40 59.7	+0.1
Y53A	Monroe	67.41	348	P	P	05 41 00.4	+0.4
Y52A	Libburn	67.51	347	eP	Pn	05 41 01.1	+0.5
Y52A				P	P	05 41 01.1	+0.5
Y52A	comp=Z,7.2nm,0.9s						
Z47A	Carrollton	67.72	344	P	P	05 41 02.4	+0.6
Y51A	Rockmart	67.73	346	P	P	05 41 02.2	+0.2
Z48A	Northport	67.76	344	P	P	05 41 03.2	+1.0
Y49A	Blount Mountai	67.97	345	eP	Pn	05 41 03.9	+0.4
Y49A				P	P	05 41 03.5	+1.0
X53A	Estanolee	67.99	348	P	P	05 41 04.5	+0.8
X52A	Dahlonega	68.20	348	P	P	05 41 05.3	+0.4
NMXX	Nacogdoches	68.21	337	P	P	05 41 06.2	+1.2
KATC	Kings Mountain	68.30	350	P	P	05 41 06.6	+1.0
435B	Jarrell	68.32	335	P	P	05 41 06.6	+0.8
Y47A	UCPARC, Winfie	68.34	344	P	P	05 41 06.4	+0.7
X51A	Calhoun	68.34	347	eP	Pn	05 41 06.4	+0.6
X51A				eP	Pn	05 41 38.1	+1.5
X51A	Calhoun	68.34	347	P	P	05 41 06.4	+0.6

Z44A	Pea Ridge, Bel	68.38	342	P	P	05 41 07.4	+1.4
X50B	Fort Payne	68.39	346	P	P	05 41 07.4	+1.2
Y46A	Houston	68.56	343	P	P	05 41 08.3	+1.2
W53A	Cullowhee	68.62	348	P	P	05 41 07.8	+0.2
X48A	Hartselle	68.68	345	eP	Pn	05 41 08.5	+0.6
X48A				eP	Pn	05 41 40.2	+1.4
X48A	Hartselle	68.68	345	P	P	05 41 08.4	+0.5
Y45A	Yeager Farm, C	68.71	343	P	P	05 41 09.0	+0.9
JCT	Junction City	68.89	333	eP	Pn	05 41 09.8	+0.5
JCT	Junction City	68.89	333	P	P	05 41 10.2	+0.9
W51A	Cleveland	68.90	347	P	P	05 41 09.7	+0.5
X47A	Russelville	68.93	344	P	P	05 41 09.6	+0.1
W50A	Signal Mountai	69.04	347	eP	Pn	05 41 10.3	+0.1
W50A				eP	Pn	05 41 42.5	+1.4
W50A	Signal Mountai	69.04	347	P	P	05 41 10.4	+0.3
V53A	Saluda	69.05	349	eP	Pn	05 41 10.2	-0.1
V53A				eP	Pn	05 41 42.3	+1.1
V53A	Saluda	69.05	349	P	P	05 41 10.4	+0.2
CPCT	Cooper Cave	69.14	347	eP	Pn	05 41 11.1	+0.4
CPCT				eP	Pn	05 41 42.5	+0.8
W49A	Belvidere	69.16	346	P	P	05 41 11.2	+0.3
SWET	Sewanee	69.18	346	eP	Pn	05 41 11.8	+0.8
SWET				eP	Pn	05 41 43.3	+1.3
TKL	Tuckaleechee C	69.20	348	eP	Pn	05 41 11.3	+0.2
TKL				eP	Pn	05 41 11.3	+0.2
TKL	comp=Z,2.9nm,0.6s,baz=161,slow=8.8,SNR=7.0						
TKL	Tuckaleechee C	69.20	348	eP	Pn	05 41 11.3	+0.2
TKL				eP	Pn	05 41 39.5	-2.5
X45A	UM Field Stati	69.20	343	eP	Pn	05 41 11.1	+0.1
OXF	Oxford	69.29	343	eP	Pn	05 41 11.9	+0.3
OXF				P	P	05 41 11.8	+0.2
W48A	Pulaski	69.32	345	P	P	05 41 12.1	+0.3
W48A				eP	Pn	05 41 12.7	+0.7
V52A	Sevierville	69.35	348	eP	Pn	05 41 12.1	+0.7
V52A				eP	Pn	05 41 43.0	0.0
V52A	Sevierville	69.35	348	P	P	05 41 12.1	+0.1
PLAL	Pickwick Lake	69.42	344	eP	Pn	05 41 12.6	+0.1
V51A	Loudon	69.45	348	eP			

48d 5h

L48A	N Adams	75.44 349	P	P	05 41 47.8 -0.2
N42A	Yates City	75.46 344	P	P	05 41 48.1 0.0
ANMO	Albuquerque	75.50 330	P	P	05 41 49.6 +0.8
ANMO	Albuquerque	75.50 330	eP	P	05 41 50.0 +1.2
ANMO	Albuquerque	75.50 330	P	P	05 41 50.3 +1.6
L49A	Milan	75.50 349	P	P	05 41 48.2 -0.1
N41A	Harden Midland	75.53 344	P	P	05 41 48.4 -0.2
L47A	Sherwood	75.60 348	P	P	05 41 48.4 -0.5
O38A	Galt	75.64 342	P	P	05 41 49.4 +0.3
O37A	Wolven Farm, M	75.86 341	P	P	05 41 50.5 +0.1
N40A	Mertquake, Sal	75.87 343	P	P	05 41 50.4 0.0
N39A	Derby Farms, D	76.10 343	P	P	05 41 51.7 0.0
N38A	Joess South For	76.20 342	P	P	05 41 52.3 -0.1
CBKS	Cedar Bluff	76.33 336	eP	P	05 41 54.5 +1.3
CBKS	Cedar Bluff	76.33 336	P	P	05 41 54.0 +0.8
M40A	Post Highland	76.35 343	P	P	05 41 53.4 +0.2
L43A	Garden Prairie	76.47 346	P	P	05 41 54.0 +0.1
T25A	Trinidad	76.55 332	eP	P	05 41 55.8 +1.1
T25A	Trinidad	76.55 332	P	P	05 41 55.5 +0.9
M39A	Webster	76.58 343	P	P	05 41 55.1 +0.6
WLVO	Wesleyville	76.62 354	P	P	05 41 55.5 +0.9
PKRO	Pickering	76.73 353	P	P	05 41 56.4 +1.2
L41A	Preston	76.75 344	P	P	05 41 56.3 +0.9
L40A	Anamosa	76.91 344	eP	P	05 41 56.2 0.0
L40A	Anamosa	76.91 344	P	P	05 41 56.2 0.0
BWLO	Walkerton	77.11 352	P	P	05 41 57.9 +0.6
DELO	Deloro Mine	77.14 354	P	P	05 41 58.5 +1.0
L39A	Vinton	77.15 343	P	P	05 41 57.9 +0.2
K42A	Prairie Point,	77.17 345	P	P	05 41 58.1 +0.4
K41A	Shultsburg	77.21 345	P	P	05 41 58.2 +0.2
X16A	Lo Mia Camp, P	77.30 326	eP	P	05 42 00.4 +1.5
K40A	Colesburg	77.49 344	P	P	05 41 59.3 -0.3
JFWS	Jewell Farm	77.49 345	P	P	05 41 59.8 +0.3
SDCO	Great Sand Dun	77.50 332	eP	P	05 42 01.6 +1.5
SDCO	Great Sand Dun	77.50 332	P	P	05 42 01.6 +1.5
J43A	Natural Harves	77.56 346	P	P	05 42 00.0 +0.1
J42A	Columbus	77.64 346	P	P	05 42 00.6 +0.2
L36A	Harm Buss Farm	77.81 341	P	P	05 42 01.5 +0.2
J41A	Loganville	77.87 345	P	P	05 42 01.7 0.0
S22A	4UR Ranch, Cre	78.04 331	eP	P	05 42 04.3 +1.2
S22A	4UR Ranch, Cre	78.04 331	P	P	05 42 04.3 +1.2
J40A	Soldiers Grove	78.06 345	P	P	05 42 02.9 +0.2
WUAZ	Wupatki	78.17 327	P	P	05 42 05.5 +1.8
BGNE	Belgrade	78.17 339	P	P	05 42 03.9 +0.5
KLBO	Killbuck Provi	78.22 353	P	P	05 42 03.5 0.0
J39A	Decatur	78.22 344	P	P	05 42 03.5 -0.1
K36A	Gilmore City	78.25 342	P	P	05 42 04.1 +0.3
PEMO	Pembroke	78.27 355	P	P	05 42 04.9 +1.2
Y12C	Blythe	78.27 323	P	P	05 42 06.2 +2.1
MVCO	Mesa Verde	78.29 329	eP	P	05 42 05.9 +1.5
MVCO	Mesa Verde	78.29 329	P	P	05 42 06.0 +1.6
Q24A	Divide	78.42 333	eP	P	05 42 06.5 +1.3
Q24A	Divide	78.42 333	P	P	05 42 06.8 +1.6
I41A	Arkdale	78.50 345	P	P	05 42 05.8 +0.7
J37A	Redentus Farm,	78.65 343	P	P	05 42 06.1 +0.2
H42A	Shiocton	78.66 347	P	P	05 42 06.4 +0.5
BC3	Big Chuckwall	78.66 323	P	P	05 42 07.0 +0.6
I39A	Houston	78.67 344	P	P	05 42 06.2 +0.2
J36A	Seneca 1, Swea	78.87 342	P	P	05 42 07.5 +0.4
IRM	Iron Mountain	78.90 323	P	P	05 42 09.8 +2.2
OGNE	Ogallala	79.02 336	P	P	05 42 09.0 +0.9
W13A	Hualapai Mount	79.03 325	eP	P	05 42 10.2 +1.7
I38A	Scanlan Farm,	79.04 344	P	P	05 42 08.2 +0.1
FRD	Ford Ranch, An	79.13 322	P	P	05 42 11.0 +2.1
PFO	Pinyon Flats O	79.15 322	P	P	05 42 11.6 +2.6
BELC	Belle Mtn. Jos	79.21 322	P	P	05 42 11.3 +1.9
PV13	Radium Mtn., P	79.22 330	eP	P	05 42 11.2 +1.7
PV13	Radium Mtn., P	79.22 330	P	P	05 42 11.2 +1.7
F46A	Macinaw City C	79.23 350	P	P	05 42 10.6 +1.6
PV02	Paradox Valley	79.23 330	eP	P	05 42 36.3 -4.9
I37A	Lemond, Waseca	79.27 343	P	P	05 42 10.2 +0.9
PV05	Paradox Valley	79.28 330	eP	P	05 42 11.4 +1.6
PV03	Paradox Valley	79.28 330	eP	P	05 42 11.6 +1.6
PV03	Paradox Valley	79.28 330	P	P	05 42 37.1 -4.6
ISCO	Idaho Springs	79.32 333	P	P	05 42 11.7 +1.6
SMCO	Snowmass	79.32 332	eP	P	05 42 12.3 +2.1
PV18	Skein Mesa, Pa	79.33 330	eP	P	05 42 11.7 +1.6
PV18	Skein Mesa, Pa	79.33 330	P	P	05 42 38.2 -3.5
U15A	North Rim	79.34 326	eP	P	05 42 11.2 +1.0
G42A	Mountain	79.35 347	P	P	05 42 10.7 +1.1
PV19	Morning Glory	79.42 330	eP	P	05 42 11.9 +1.3
PV19	Morning Glory	79.42 330	P	P	05 42 38.4 -3.9
PV14	Lion Creek, Pa	79.49 330	eP	P	05 42 12.5 +1.6
PV14	Lion Creek, Pa	79.49 330	P	P	05 42 38.1 -4.5
MURC	Murrieta	79.52 321	P	P	05 42 13.3 +2.3
GMRC	Granite Mounta	79.66 323	P	P	05 42 13.9 +2.1
L42C	La Tuque	79.73 358	P	P	05 42 11.8 +0.0
ECSD	EROS Data Cent	79.85 341	eP	P	05 42 13.0 +0.5
ECSD	EROS Data Cent	79.85 341	P	P	05 42 12.9 +0.5
H36A	Jessenland, He	79.93 343	P	P	05 42 14.3 +1.4

2012 SEP

G38A	Ridgeland	80.00 344	P	P	05 42 14.2 +1.0
HEC	Hector,Ludlow	80.04 323	P	P	05 42 15.7 +1.9
BELC	Belleterre	80.09 354	P	P	05 42 14.1 +0.4
H35A	Sunnyside Ranc	80.27 342	P	P	05 42 14.7 0.0
F40A	Park Falls	80.33 346	P	P	05 42 16.1 +1.1
E42A	Champion	80.40 347	P	P	05 42 16.0 +0.7
N23A	Red Feather La	80.40 333	P	P	05 42 17.4 +1.6
F39A	Loretta	80.50 345	P	P	05 42 16.2 +0.3
MTPU	Mount Pierson	80.61 327	eP	P	05 42 18.3 +1.2
GSC	Goldstone, Bar	80.64 323	P	P	05 42 18.4 +1.4
O20A	White River Ci	80.65 331	P	P	05 42 18.4 +1.4
CCUT	Cedar City	80.75 326	eP	P	05 42 19.6 +1.9
F38A	Pierce - Schro	80.75 345	P	P	05 42 18.0 +0.9
E40A	Wakefield	80.79 346	P	P	05 42 19.0 +1.5
E39A	Mellen	80.86 346	P	P	05 42 19.0 +1.2
EDW2	Edwards Air Fo	80.93 322	P	P	05 42 19.9 +1.4
P18A	Preston Nutter	81.06 330	eP	P	05 42 21.0 +1.6
P18A	Preston Nutter	81.06 330	eP	P	05 42 53.4 +2.2
D41A	Chassel	81.12 347	P	P	05 42 19.9 +0.7
E38A	The Farm, Brul	81.29 345	P	P	05 42 20.9 +0.9
RWWY	Rawlins	81.57 333	eP	P	05 42 23.2 +1.3
MPMC	Manual Prospec	81.58 323	P	P	05 42 24.2 +2.1
FURC	Furnace Creek,	81.58 323	P	P	05 42 24.4 +2.6
TPNV	Topah Spring	81.66 324	P	P	05 42 24.7 +2.2
PSUT	Pine Spring	81.77 327	eP	P	05 42 24.5 +1.4
ISA	Isabella, Lake	81.78 322	P	P	05 42 25.5 +2.4
DAC	Darwin (Calif)	81.81 323	eP	P	05 42 25.1 +1.8
PKM	Mpchsone Park	81.90 321	P	P	05 42 25.6 +1.8
TOAO	Torodi Ar. Sit	82.10 69	eP	P	05 42 25.2 +0.2
TOAO	Torodi Ar. Sit	82.10 69	eP	P	05 42 55.5 -1.4
TORD	Torodi Ar. Bea	82.21 69	eP	P	05 42 24.2 -0.9
TORD	Torodi Ar. Bea	82.21 69	eP	P	05 42 54.8 -2.1
TOA1	Torodi Ar. Sit	82.10 69	eP	P	05 42 24.2 -0.9
TOA1	Torodi Ar. Sit	82.10 69	eP	P	05 42 54.8 -2.1
K22A	Casper	82.13 334	P	P	05 42 26.2 +1.4
CWC	Cottonwood Cre	82.18 323	P	P	05 42 26.7 +1.5
VES	Vestal, Richgr	82.24 322	P	P	05 42 27.2 +1.9
GRAC	Grapevine Rang	82.25 323	P	P	05 42 27.7 +2.3
SMCC	Simmler	82.32 321	P	P	05 42 27.7 +1.9
R11A	Troy Canyon, C	82.44 325	eP	P	05 42 28.4 +1.9
R11A	Troy Canyon, C	82.44 325	eP	P	05 42 28.2 +1.7
RSSD	Black Hills	82.52 336	eP	P	05 42 27.6 +0.8
RSSD	Black Hills	82.52 336	eP	P	05 42 27.8 +1.0
EYMN	Ely	82.55 346	P	P	05 42 28.0 +1.3
DUG	Dugway, Tooele	82.64 328	eP	P	05 42 29.0 +1.5
DUG	Dugway, Tooele	82.64 328	eP	P	05 42 28.8 +1.3
SPUT	South Promonto	83.39 329	eP	P	05 42 32.3 +1.0
PD31	Pinedale Array	83.40 332	eP	P	05 42 32.2 +0.8
PDAR	Pinedale Array	83.40 332	eP	P	05 42 32.1 +0.7
PDAR	Pinedale Array	83.40 332	eP	P	05 42 31.8 +0.4
MLAC	Mammoth, Mammo	83.48 323	P	P	05 42 33.3 +1.3
OMMB	Old Mammoth Mi	83.55 323	eP	P	05 42 34.1 +1.7
MDPB	Devils Postpil	83.61 323	eP	P	05 42 33.9 +1.2
NV01	Mina Array Sit	83.83 324	eP	P	05 42 35.1 +1.4
NV01	Mina Array Sit	83.83 324	eP	P	05 43 08.4 +2.8
NV01	Mina Array Sit	83.83 324	eP	P	05 43 20.3 +1.3
NVAR	Mina Array Bea	83.83 324	eP	P	05 42 35.2 +1.5
NVAR	Mina Array Bea	83.83 324	eP	P	05 43 06.5 +0.8
NVAR	Mina Array Bea	83.83 324	eP	P	05 43 20.3 +1.3
HVV	Hansel Valley	83.92 329	eP	P	05 42 34.8 +0.8
KVN	Kaiserville	84.21 324	eP	P	05 42 37.0 +1.4
A33A	Warred	84.36 343	P	P	05 42 36.5 +0.7
SNOW	Snow King Moun	84.46 331	eP	P	05 42 38.2 +1.4
TPAW	Teton Pass	84.57 331	eP	P	05 42 37.6 +0.2
YERR	Yerington	84.72 324	eP	P	05 42 40.1 +1.9
IMW	Indian Meadow	84.90 332	eP	P	05 42 39.7 +0.7
FLWY	Flagg Ranch	84.96 332	eP	P	05 42 40.6 +1.4
RLMT	Red Lodge	85.27 333	eP	P	05 42 41.1 +0.3
RLMT	Red Lodge	85.27 333	eP	P	05 42 41.7 +0.9
PAHR	Pah Rah Range	85.35 324	eP	P	05 42 43.0 +1.8
LAO	Las Arroyo	85.51 336	P	P	05 42 43.5 +1.7
YMR	Madison River	85.55 332	eP	P	05 42 43.5 +1.4
YHM	Holme Hill	85.61 332	eP	P	05 42 44.4 +1.8
ULM	Lac du Bonnet	85.70 344	P	P	05 42 43.0 +0.5
HLID	Hailey	86.07 329	eP	P	05 42 46.3 +1.6
HLID	Hailey	86.07 329	eP	P	05 42 46.3 +1.6
DGMT	Dagmar	86.39 338	eP	P	05 42 47.1 +1.1
DGMT	Dagmar	86.39 338	eP	P	05 42 47.5 +1.5
MCMT	McKenzie Canyo	86.44 331	eP	P	05 42 48.2 +1.6
BOZM	Bozeman (W)	86.58 331	eP	P	05 42 48.5 +1.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FIAO FINESS Array S, AKASA Malin Array Be, VVDA Vanda, etc.

IDC 04 06:00:50.5-1.2, 10.60N:126.76E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.7/62, mbtmp3.9/9, MS3.0/5, Ms1 3.1/5, ms1mx2.8/65, Error ellipse: s-maj=109.7km s-min=15.8km az=68.0

ISCJB 04 06:00:53.9-0.5, 10.51N:106.126:73E:0.08, h35km, mb4.0/12, MS3.0/3, Error ellipse: s-maj=11.9km s-min=6.6km az=147.6

NEIC 04 06:00:55.7-0.3, 10.54N:126.84E, h35km, mb4.1/4, Error ellipse: s-maj=13.7km s-min=5.4km az=74.0

ISC 04 06:00:55.2-0.7, 10.66N:109.126:3E:0.1, h35km, n30, 04:42/31, mb4.0/12, MS3.0/3, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PLP Palo, DAVO Davao City (W), MYLDM Lahad Datu, etc.

IDC 04 06:15:38.6-1.1, 11.18N:125.85E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.6/70, mbtmp3.8/8, MS3.1/1, Ms1 3.1/1, ms1mx2.4/66, Error ellipse: s-maj=65.5km s-min=16.2km az=65.0

MAN 04 06:15:41.6, 11.50N:126.05E, h4km, mb4.6, ML3.5, MS3.3, ISC 04 06:15:40.7-1.7, 11.35N:105.126:14E:0.07, h18km, n76, n21, c129/28, mb3.8/8, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BESP Borongan, PLP Palo, OCLP Ormoc, etc.

NEIC 04 06:21:50.6-0.0, 54.29N:165.51W, h295km, ML3.6(AEIC), After AEIC, IDC 04 06:21:57.1-5.3, 55.55N:166.56W, h337km, 6.1km, mb2.8/6, mb1 3.3/9, mb1mx2.8/87, mbtmp3.7/9, Error ellipse: s-maj=28.2km s-min=14.3km az=2.0

ISC 04 06:21:49.8-0.8, 54.39N:0.3:166.0W:0.1, h279km, 12km, n34, c112/36, mb3.1/7, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKA Akutan, AKUT Akutan, AHB Akutan Harbor, etc.

ISCJB 04 06:22:03.6-0.4, 13.17N:107.50E:0.06, h16km, mb4.1/25, MS4.0/28, Error ellipse: s-maj=9.8km s-min=7.8km az=175.0

IDC 04 06:22:03.2-0.7, 13.17N:107.50E:0.06, h16km, mb4.1/19, mb1 4.2/21, mb1mx4.0/75, mbtmp4.1/21, ML4.1/2, MS4.1/30, Ms1 4.1/30, ms1mx3.9/72, Error ellipse: s-maj=18.1km s-min=16.0km az=10.0

GCMT 04 06:22:04.0-0.3, 13.34N:102.50:55E:0.03, h13km, 1km, MW4.9/68, Moment Tensor Solution, s21, c23, s68, c94, Orientation: 0 Moment Tensor: Scale 1016Nm, M2 1.05, 18; M2 1.79; 12; M2 0.31; 12; M2 0.34; 28; M2 0.95; 0; 7; M2 1.7; 42; Best double couple: M2 94600.1016 NP1=15.000000, 664.000000, -1.57.000000, NP2: 62.74.000000, 641.000000, -1.38.000000. Principal axes: T 2.4010, Plg13.000000, Azm127.000000; N 1.0960, Plg29.000000, Azm314.000000; P -3.4920, Plg57.000000, Azm106.000000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 04 06:22:04.4-0.3, 13.13N:107.50E:0.06, h10km, mb4.5/7 Error ellipse: s-maj=7.1km s-min=5.7km az=173.0

ISC 04 06:22:05.0-0.6, 13.22N:107.50E:0.07, h16km, n76, c110/59, mb4.2/25, MS4.0/28, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DAMY Dhamar, ATD Arta Tunnel, ATD Arta Tunnel, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, BVAR Borovoye Array, BVAR Borovoye Array, etc.

IDC 04 06:25:31.6-2.8, 53.42N:87.37E, h0km, mb1.2/2, mb1mx2.6/82, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=22.8km s-min=13.5km az=68.0, Southwestern Siberia

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

IDC 04 06:37:50.7-0.5, 10.40N:126.86E, h0km, mb4.1/18, mb1 4.2/18, mb1mx4.0/75, mbtmp4.1/18, Error ellipse: s-maj=32.6km s-min=12.6km az=72.0

ISCJB 04 06:37:54.0-1.7, 10.42N:105.126:9E:0.08, h34km, 15km, mb4.0/21, Error ellipse: s-maj=14.0km s-min=7.3km az=158.8

NEIC 04 06:37:55.0-0.3, 10.45N:127.03E, h35km, mb4.2/6, Error ellipse: s-maj=11.4km s-min=5.0km az=78.0

ISC 04 06:37:56.8-0.8, 10.42N:106.126:9E:0.09, h42km, 6km, n48, c076/62, mb4.2/21, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LLLP Lapu-Lapu, LLLP Lapu-Lapu, TMTI Ternate, etc.

4d 6h

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like S42A Caledonia, W39A Magazine, R43A Red Bud, etc.

2012 SEP

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like U47A Clarksville, V46A Holladay, R50A Par, etc.

230

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like 151A Opelika, BRAL Brewton, KMSC Kings Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Time. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Ar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Time. Includes stations like MXZ Matakaoa Point, WMGZ Waioamatini S, etc.

2012 SEP

Table with columns: SOEI, SOE, 20.44 187 eP, Pn, 06 59 36.5 -0.6, etc. Lists various locations like Baumat, Chichi jima, Nakatsue, etc.

Table with columns: CHTO, PKDT, PMG, XAN, etc. Lists various locations like Chiang Mai, Phuket, Port Moresby, etc.

Table with columns: GTA, S, S, 07 07 58.7 +1.5, etc. Lists various locations like LSA, HNR, YSS, etc.

PETK	comp=Z,7.1nm,0.7s,baz=193,slow=5.9,SNR=9.2	49.05 24 eP	P	P	07 03 45.0 +1.1
PEA1	Petrovavlovsk	49.05 24 eP	P	P	07 03 45.0 +1.1
DDI	Dehra Dun	49.31 301 eP	I	Amb	07 03 45.8 -0.6
DDI	comp=Z,41nm,0.8s		I	Amb	07 03 49.5
PET	Petrovavlovsk	49.37 25 iP	P	P	07 03 51.5 +5.1
PET	comp=Z,57nm,1.1s		P	pmax	
SMLA	Simla	50.23 302 eP	I	Amb	07 03 50.8 -2.5
SMLA	comp=Z,24nm,1.0s		I	Amb	07 03 54.1 +0.4
CAN	Canberra	50.29 156 eP	P	P	07 03 54.1 +0.4
CAN	comp=Z,27nm,1.1s		P	pmax	
CAN	Canberra	50.29 156 eP	P	P	07 03 54.1 +0.4
DZM	comp=Z,27nm,1.1s		P	P	07 03 56.8 +0.2
DZM	Mont Dzumac	50.64 130 eP	P	P	07 03 56.8 +0.2
DZM	comp=Z,49nm,1.1s		eLR	LR	07 18 30.3
DZM	Mont Dzumac	50.64 130 eLR	LR	LR	07 18 30.3
DZM	comp=Z,13nm,0.9s,baz=286,slow=12,SNR=6.7		P	P	07 03 57.1 +0.5
DZM	Mont Dzumac	50.64 130 eP	P	P	07 03 57.1 +0.5
DZM	comp=Z,33nm,1.2s		P	P	07 03 57.3 +0.1
DZM	Jazzator, Alta	50.76 328 eP	P	pmax	07 03 57.3 +0.1
DZM	comp=Z,12nm,0.7s		P	P	07 03 58.8 +0.7
ZSN	Zaisan	50.90 324 eP	P	P	07 03 58.8 +0.7
ZSN	comp=Z,4.0nm,1.2s		eS	S	07 11 14.2 +1.1
ZSN	DHARAMSHALA	51.20 303 eP	S	S	07 03 58.4 -2.5
DHRM	DHARAMSHALA	51.20 303 eP	I	Amb	07 04 02.0
DHRM	comp=Z,40nm,0.8s		I	Amb	
YAK	Yakutsk	51.33 2 eP	P	P	07 04 00.5 -0.5
YAK	comp=Z,45nm,1.1s		ePP	sP	07 04 12.3 -0.1
YAK	comp=N,27nm,1.3s		e	e	07 05 17.2
YAK	comp=E,10.0nm,1.1s		e	e	07 05 59.7
YAK	comp=N,4.0nm,0.4s		eS	S	07 11 18.0 -0.4
YAK	comp=E,5.0nm,0.4s		eSS	sS	07 11 40.4 +8.6
YAK	comp=Z,29nm,0.8s		eSS	SS	07 13 47.3
YAK	comp=N,447nm,7.6s		pmax	pmax	07 14 48.2 -6.0
YAK	comp=E,143nm,6.2s		pmax	pmax	
YAK	comp=Z,399nm,17.0s		pmax	pmax	
YAK	comp=N,907nm,24.0s		MLR	MLR	
YAK	comp=E,255nm,16.0s		MLR	MLR	
POO	Poona	51.76 285 eP	P	I	07 04 02.2 -2.9
POO	comp=Z,30nm,0.2s		I	Amb	07 04 08.4
MA2	Magadan	52.01 15 eP	P	P	07 04 06.6 +0.4
MA2	comp=Z,7.0nm,0.6s,baz=277,slow=3.8,SNR=4.2		P	P	
MA2	Magadan	52.01 15 eP	P	P	07 04 06.3 +0.1
MA2	comp=Z,12nm,0.9s		ePP	P	07 04 06.6 +0.4
MA2	Magadan	52.01 15 eP	P	P	07 04 07.8 +1.6
MA2	comp=Z,12nm,0.9s		pmax	pmax	
MK01	Makanchi Array	52.07 322 eP	P	P	07 04 06.7 -0.3
MK01	Makanchi Array	52.08 322 eP	P	P	07 04 07.0 0.0
MK01	Makanchi Array	52.08 322 iP	P	P	07 04 06.6 -0.4
MK01	comp=Z,103nm,0.9s		pmax	pmax	
MK32	Makanchi Array	52.08 322 eP	P	P	07 04 06.8 -0.2
MK32	Makanchi Array	52.08 322 eP	P	P	07 05 19.7 +0.3
MKAR	Makanchi Array	52.08 322 eP	P	P	07 04 06.8 -0.2
MKAR	comp=Z,71nm,0.6s,baz=115,slow=8.1,SNR=154		P	P	
MKAR	comp=Z,9.9nm,0.8s,baz=111,slow=6.3,SNR=2.3		P	P	
MKAR	Makanchi Array	52.08 322 eP	P	P	07 04 07.0 0.0
MKAR	comp=Z,458nm,0.8s		P	P	
MKAR	Makanchi Array	52.08 322 eP	P	P	07 05 19.1 +0.3
MKAR	comp=Z,458nm,0.8s		P	P	07 04 07.1 0.0
MKAR	comp=Z,458nm,0.8s		pmax	pmax	07 05 19.1
SHLS	Shalkode	52.27 317 eP	P	P	07 04 06.1 -2.5
SHLS	comp=Z,57nm,0.9s		I	LR	07 28 09.7
MAK2	Makanchi	52.28 322 eP	P	P	07 04 07.7 -0.8
MAK2	comp=Z,204nm,14.3s		I	LR	
UZB	Uzbybulak	52.56 317 iP	P	P	07 04 10.3 -0.4
UZB	comp=Z,88nm,0.9s		eS	S	07 11 35.5 -0.9
UZB	comp=Z,35nm,0.8s		I	LR	07 29 20.3
PRZ	Przheval'sk	52.72 316 eP	P	P	07 04 12.3 +0.3
PRZ	comp=Z,199nm,14.5s		P	P	
PRZ	Przheval'sk	52.72 316 eP	P	P	07 04 12.3 +0.3
PRZ	comp=Z,102nm,0.8s		P	P	
PRZ	Przheval'sk	52.72 316 eP	P	pmax	07 04 12.4 +0.3
KPKS	Kokpek	52.91 317 eP	P	P	07 04 12.8 -0.6
KPKS	comp=Z,102nm,0.8s		eS	S	07 11 40.2 -0.8
KPKS	Saty	52.94 317 eP	P	P	07 04 13.3 -0.2
KPKS	comp=Z,73nm,0.8s		I	LR	07 29 32.7
SATY	Saty	52.94 317 eP	P	P	07 04 13.3 -0.2
SATY	comp=Z,279nm,15.1s		I	LR	
ZHN	Zhinishke	52.96 317 eP	P	P	07 04 13.6 -0.2
ZHN	comp=Z,16nm,0.8s		P	P	
KSH	Kashi	53.42 312 eP	P	P	07 04 18.4 +1.2
KSH	comp=Z,16nm,0.8s		P	P	07 04 29.7 +1.2
KSH	comp=Z,16nm,0.8s		P	P	07 06 18.7 +1.0
KSH	comp=Z,16nm,0.8s		P	P	07 11 44.3 -3.8
KSH	comp=Z,16nm,0.8s		SS	SS	07 15 27.3 -1.1
KSH	comp=Z,140nm,1.1s		pmax	pmax	
KSH	comp=Z,360nm,4.7s		LR	LR	
KSH	comp=Z,840nm,19.3s		LR	LR	
KSH	comp=Z,630nm,14.6s		LR	LR	
MDOK	Miedeo	53.90 316 eP	P	P	07 04 20.2 -0.5
MDOK	comp=Z,400nm,0.8s		eS	S	07 11 53.7 -0.9
AAA	Alma-Ata	54.01 316 eP	P	P	07 04 33.7 +1.2
AAA	comp=Z,100nm,1.3s		pmax	pmax	
AAA	comp=Z,100nm,1.3s		MLR	MLR	
NIL	Nilore	54.01 304 eP	P	P	07 04 20.2 -1.3
NIL	comp=Z,72nm,1.0s		P	P	
NIL	Nilore	54.01 304 eP	P	P	07 04 20.2 -1.3
NIL	comp=Z,72nm,1.0s		pmax	pmax	
ULHL	Ulahol	54.12 315 P	P	P	07 04 22.0 -0.4
ULHL	SNR=71		P	P	
ZAA0	Zalesovo Array	54.58 331 eP	P	P	07 04 24.4 -0.8
ZAA0	comp=Z,28nm,0.9s		P	P	
ZALV	Zalesovo Beam	54.58 331 eP	P	P	07 04 24.0 -1.2
ZALV	comp=Z,19nm,0.8s,baz=127,slow=6.8,SNR=40		P	P	
ZALV	Zalesovo Beam	54.58 331 eP	P	P	07 04 23.9 -1.3
ZAA1	Zalesovo Array	54.58 331 eP	P	P	07 04 24.0 -1.2
KUU	Kurty	54.65 317 eP	P	P	07 04 25.5 -0.4
KUU	comp=Z,157nm,0.9s		I	LR	07 31 51.6
KUU	comp=Z,279nm,13.0s		P	P	
KZA	Kyzart	54.76 314 P	P	P	07 04 27.9 +0.6
KZA	SNR=45		P	P	
TBM2	Tokmak 2	54.81 315 P	P	P	07 04 27.2 -0.1
TBM2	SNR=41		P	P	
KBK	Karagaybulak	55.16 315 P	P	P	07 04 30.6 +0.7
KBK	SNR=18		P	P	
SEY	Seymchan	55.31 14 eP	P	P	07 04 32.8 +2.5
UCH	Uchtor	55.33 314 P	P	P	07 04 31.9 +0.5

CHMS	SNR=59	55.42 315 P	P	P	07 04 31.1 -0.5
CHMS	Chumysh	55.42 315 P	P	P	07 04 31.1 -0.5
FRU	SNR=24	55.45 315 eP	P	P	07 04 42.5 -0.3
FRU	Bishkek	55.45 315 eP	P	FRU	07 04 42.5
FRU	comp=Z,46nm,1.2s		pmax	pmax	
AAK	Ala-Archa	55.48 315 P	P	P	07 04 32.4 +0.3
AAK	comp=Z,14nm,0.9s,baz=91,slow=8.8,SNR=12		P	P	
AAK	Ala-Archa	55.48 315 P	P	P	07 04 35.6 +3.5
AAK	SNR=7.8		P	P	
AAK	Ala-Archa	55.48 315 eP	P	P	07 04 31.9 -0.1
AAK	comp=Z,22nm,1.0s		eP	P	07 04 32.4 +0.3
AAK	Ala-Archa	55.48 315 P	P	P	07 04 32.2 +0.1
AAK	SNR=10		P	P	
AAK	Ala-Archa	55.48 315 iP	P	P	07 04 33.5 +1.4
AAK	Ala-Archa	55.48 315 P	P	P	07 04 32.0 -0.1
AAK	SNR=6.4		pmax	pmax	
AAK	Ala-Archa	55.48 315 P	P	pmax	07 04 32.0 -0.1
NVS	Novosibirsk	55.85 331 eP	P	P	07 04 35.6 +1.3
NVS	comp=Z,56nm,1.1s		pmax	pmax	
NVS	comp=N,9.0nm,0.7s		pmax	pmax	
NVS	comp=E,11nm,0.5s		pmax	pmax	
AML	Almayash	55.88 314 P	P	P	07 04 35.4 +0.1
AML	SNR=50		P	P	
EKS2	Erkin-Say	55.98 315 P	P	P	07 04 35.4 -0.3
EKS2	SNR=50		P	P	
KURK	Kurchatov	56.09 325 eP	P	P	07 04 35.6 -0.5
KURK	Kurchatov	56.09 325 P	P	P	07 04 35.7 -0.5
KURK	comp=Z,26nm,0.6s		pmax	pmax	
KURB	Kurchatov Arra	56.10 325 P	P	P	07 04 35.6 -0.5
KURB	comp=Z,27nm,0.6s,baz=125,slow=7.2,SNR=96		P	P	
BTLS	Baital	56.59 317 iP	P	P	07 04 38.9 -0.9
BTLS	comp=Z,26nm,0.8s		eS	S	07 12 28.4 -1.8
BTLS	comp=Z,264nm,16.6s		I	LR	07 30 36.3
KBL	Kabul	57.61 304 eP	P	P	07 04 46.2 -1.3
KBL	comp=Z,25nm,0.6s		eP	P	07 04 46.2 -1.3
KBL	Kabul	57.61 304 eP	P	pmax	07 04 46.2 -1.3
KK31	Karatay Array	58.41 314 eP	P	P	07 04 51.9 -0.8
KK31	Karatay Array	58.41 314 iP	P	P	07 04 51.7 -1.0
KK31	comp=Z,25nm,0.6s		pmax	pmax	
KK31	comp=Z,39nm,0.9s		pmax	pmax	
KKAR	Karatay Array	58.41 314 eP	P	P	07 04 51.9 -0.8
KKAR	Karatay Array	58.41 314 eP	P	P	07 04 51.9 -0.8
IUG	Iuzhnay	58.49 313 eP	P	P	07 04 53.0 -0.4
BRZS	Berezhatov	59.23 322 eP	P	P	07 04 58.1 -0.2
BRZS	comp=Z,37nm,0.9s		I	LR	07 32 34.2
BRZS	comp=Z,436nm,18.7s		I	LR	
TIXI	Tiksi	60.96 1 eP	P	P	07 05 09.9 +0.1
TIXI	comp=Z,15nm,0.9s,baz=158,slow=7.2,SNR=7.7		eP	P	
TIXI	Tiksi	60.96 1 eP	P	P	07 05 09.9 +0.1
TIXI	Tiksi	60.96 1 eP	P	P	07 05 10.1 +0.3
TIXI	Tiksi	60.96 1 eP	P	pmax	07 05 10.4 +0.7
TIXI	comp=Z,18nm,1.0s		pmax	pmax	
BVA0	Borovoye Array	61.69 325 P	P	P	07 05 14.2 -0.8
BVA0	comp=Z,33nm,1.1s		pmax	pmax	
BVA0	comp=Z,17nm,0.7s,baz=115,slow=7.0,SNR=65		P	P	07 05 14.5 -0.5
BVA0	comp=Z,18nm,1.0s,baz=108,slow=4.8,SNR=4.0		P	P	07 05 56.2 -0.1
BVA0	comp=Z,18nm,1.0s,baz=108,slow=4.8,SNR=4.0		LR	LR	07 33 34.5
BVAR	Borovoye	61.76 325 eP	P	P	07 05 15.2 -0.3
BVAR	comp=Z,37nm,0.8s		P	P	07 05 16.5 +1.1
BRVK	Borovoye	61.76 325 eP	P	P	07 05 13.8 -1.7
BRVK	comp=Z,42nm,0.8s		pmax	pmax	
NRIK	Noril'sk	63.79 345 P	P	P	07 05 28.3 -0.4
NRIK	comp=Z,29nm,1.0s,baz=143,slow=20,SNR=24		P	P	
WSAR	Wadi Sarin	65.97 291 LR	LR	LR	07 39 40.4
WSAR	comp=Z,227nm,18.0s,baz=108,slow=41		LR	LR	
GEYT	Alibek	66.79 307 eP	P	P	07 05 47.8 -1.0
GEYT	comp=Z,2.9nm,0.6s,baz=90,slow=4.4,SNR=8.5		P	P	07 39 19.2
GEYT	comp=Z,277nm,18.1s,baz=235,slow=40		LR	LR	
GYA0B	ALIBECK ARRAY	66.79 307 eP	P	P	07 05 49.3 +0.5
GYA0B	comp=Z,277nm,18.1s,baz=235,slow=40		eP	P	07 05 48.2 +0.6
AB31	Akbulak array	66.97 319 iP	P	P	07 05 48.4 -1.3
AB31	comp=Z,35nm,0.9s		pmax	pmax	
ABKAR	Akbulak array	66.97 319 eP	P	P	07 05 49.0 -0.7
ABKAR	comp=Z,35nm,0.9s		P	P	07 05 52.3 0.0
RPZ	Rata Peaks	67.38 147 P	P	P	07 03 46.8
RPZ	comp=Z,11nm,0.7s,baz=293,slow=8.4,SNR=6.1		LR	LR	
URZ	Urewera	67.56 139 LR	LR	LR	07 36 30.1
URZ	comp=Z,369nm,19.1s,baz=298,slow=35		LR	LR	
URZ	comp=Z,240nm,18.6s,baz=311,slow=37		LR	LR	
BKZ	Black Stump Fm	67.70 140 eP	P	P	07 05 54.9 +0.5
BKZ	comp=Z,118nm,1.5s		P	P	
HATD	Hatta, Dubai	68.20 293 P	P	P	07 05 57.7 -0.3
HATD	Sverdlovsk	68.21 327 eP	P	P	07 05 57.2 -0.1
SVE	Sverdlovsk	68.21 327 eP	P	pmax	07 05 57.2 -0.1
ASHO	Ash				

4d 6h

2012 SEP

236

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=12, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=12, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=12, etc.).

Table with columns: ID, Name, Address, City, State, Zip, Phone, Fax, Email, Website, and other details. Includes entries like N46A Monticello, U40A Yellville, U41A Mountain View, etc.

Table with columns: ID, Name, Address, City, State, Zip, Phone, Fax, Email, Website, and other details. Includes entries like WVT Waverly, WWT Waverly, W48A Bowling Green, etc.

Table with columns: ID, Name, Address, City, State, Zip, Phone, Fax, Email, Website, and other details. Includes entries like CBN Corbin Frederi, BG3 Lake Jocassee, 249A Camden, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like FDF Fort de France, ASAL Salagasta, ASPUP Apollonia, etc.

RSNC 04 07:02:15.8-0.9,3.73N-76.06W, h26km₂gkm, ML2.1, Colombia

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

ISC 04 07:05:27.8-0.4, 10.53N:126.83E, h0km, mb4.6/38, mb1.4, 6/40, mb1mx4.5/65, mbtmp4.6/40, ML3.6/2, Error ellipse: s-maj=17.0km s-min=6.7km az=80.0

NEIC 04 07:05:33.4-0.1, 10.51N:126.82E, h35km, mb4.8/60, Error ellipse: s-maj=5.4km s-min=3.2km az=84.0

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

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like MAJO Matsushiro, CMAR Chianchi Arr, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like SPAO Spitsbergen Ar, ARAO ARCES Array S, etc.

MEX 04 07:09:23.1-0.4, 16.41N-98.41W, h5km₂gkm, MD3.6, Near coast of Guerrero

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

MEX 04 07:26:50.0-0.4, 15.76N-93.74W, h85km₂4km, MD3.7, Near coast of Chiapas

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

ISC 04 07:33:23.1-3.5, 10.64S:113.98E, h0km, mb3.1/3, mb1.3/3/3, mb1mx3.2/63, mbtmp3.1/3, Error ellipse: s-maj=190.4km s-min=26.1km az=45.0, South of Jawa

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

NDI 04 07:42:34.6-2.8, 26.29N-92.57E, h20km₁13km, ML3.2, Northeastern India

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

Table with columns: ZIRO, comp, E, Az, Phase, ID, Time, Res. Includes rows for ZIRO, MOKO, TURU, DHUB, BELO.

IDC 04 07:47:04.3-0.6, 36:77N, 78:75E, h0km, mb4.3/26, mb1.4/31, mb1mx4.2/61, mbtmp4.3/31, ML3.9/5, MS3.4/6, MS1.3/4, ms1mx3.0/70, Error ellipse: s-maj=14.8km s-min=11.4km az=32.0

Main table for station data on page 241. Columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KASHI, DHARMASHALA, SUFI-KURGAN, etc.

Main table for station data on page 2012 SEP. Columns: MAKZ, comp, N, 18nm, 0.5s, 10.12, 12 ePn, Pn, etc. Includes stations like MAKZ, MKK1, MKK3, etc.

Main table for station data on page 4d 7h. Columns: NJ2, Nanjing, 33.19, 86 eP, P, Pmax, etc. Includes stations like NJ2, OBN, BR131, etc.

IDC 04 07:49:10.5-6.8, 42:25S, mb151.46E, h131km, 69km, mb3.3/5, mb1.3/4.5, mb1mx3.1/52, mbtmp3.6/5, Error ellipse: s-maj=57.7km s-min=24.9km az=139.0, New Britain region

4d 9h

0.9nm,0.7s,baz=109,slow=8.0,SNR=3.8
EKA Eskdalemuir Ar 125.09 343 PKP
0.9nm,0.7s,baz=24,slow=3.9,SNR=2.6

TORD Torodi Arr Bea 148.8268 PKPbc
0.5nm,0.6s,baz=90,slow=2.0,SNR=5.2

IDC 04 08:12:19.4:2.7,11.52N:127.17E,h0km,mb3.8/3,
mb1 4.0/3,mb1mx3.4/6.5,mbtmp3.8/3,Error ellipse:
s-maj=236.9km s-min=29.0km az=67.0,Philippine
Islands region

Code Station Name Az Az' Phase ID Time Res
WRA Warrunguna Arr 32.05 167 P
0.7nm,1.2s,baz=346,slow=9.5,SNR=3.2

MKAR Makanchi Array 51.59 322 P
0.8nm,0.8s,baz=117,slow=8.7,SNR=2.7
FINES FINESS Array B 85.22 332 P
0.3nm,0.3s,baz=76,slow=5.9,SNR=4.3

JMA 04 08:37:37.8:0.2,36.48N:142.79E,h46km,M3.0
IDC 04 08:37:47.7:3.3,36.34N:141.74E,h0km,mb3.3/2,
mb1 3.3/3,mb1mx3.2/7.4,mbtmp3.1/3,ML2.7/1,Error
ellipse: s-maj=86.4km s-min=32.9km az=54.0

ISC 04 08:37:38.4:2.3,36.53N:142.7E:0.1,1h5km,n20,
o541/20,Off east coast of Honshu

Code Station Name Az Az' Phase ID Time Res
ONAJ Iwakimizuishiy 1.60 291 P
ONAJ ONAJ 1.65 301 P
JFK Kawautchi 1.65 301 P

JHYU Hitachinakayam 1.66 264 P
JHYU JHYU 1.68 273 P
JHO Hitachi 1.68 273 P
JHO JHO 2.00 312 P
JMM Marumori 2.00 312 P

JFT Otama 2.10 299 P
JFT JFT 2.32 217 P
BSO1 Boso 1 2.32 217 P
BSO1 BSO1 2.67 335 P
JMK Ichinoseki 2.67 335 P

JMK JMK 3.06 323 P
JYK Kaneyama 3.06 323 P
JRY Ryogami san 3.06 261 P
JOD2 Odawara 2 3.16 247 P
MJAR Matsushiro Arr 3.55 271 P

H112 WAKE ISLAND Hy 27.03 122 T
0.3nm,0.7s,baz=89,slow=7.1,SNR=6.2
H111 WAKE ISLAND Hy 27.04 122 T
0.3nm,0.7s,baz=89,slow=7.1,SNR=6.2

H113 WAKE ISLAND Hy 27.05 122 T
0.3nm,0.7s,baz=89,slow=7.1,SNR=6.2
H11S1 WAKE ISLAND Hy 27.75 124 T
0.3nm,0.7s,baz=89,slow=7.1,SNR=6.2

H11S3 WAKE ISLAND Hy 27.75 124 T
0.3nm,0.7s,baz=89,slow=7.1,SNR=6.2
H11S2 WAKE ISLAND Hy 27.77 124 T
0.3nm,0.7s,baz=89,slow=7.1,SNR=6.2

MKAR Makanchi Array 45.23 303 P
0.3nm,0.7s,baz=80,slow=9.1,SNR=2.8
WRA Warrunguna Arr 56.72 189 P
0.2nm,0.5s,baz=22,slow=7.1,SNR=8.1

TAP 04 08:59:41.4,24.69N:122.36E,h16km,1km,ML2.7,D
ISCJB 04 08:59:43.0:0.4,24.65N:122.32E:0.03,h25km,5km,
Error ellipse: s-maj=7.3km s-min=3.8km az=14.4

JMA 04 08:59:43.0:0.1,24.67N:122.32E,h13km,4km,ML2.1
ISC 04 08:59:42.3:0.9,24.66N:122.35E:0.02,h22km,5km,
n19,o565/34,Taiwan region

Code Station Name Az Az' Phase ID Time Res
EOS1 EOS1 0.22 242 P
0.2nm,0.5s,baz=236,slow=7.5,SNR=5.5

EGS baz=236
TWC Suao 0.42 297 P
0.4nm,0.5s,baz=259,slow=8.0,SNR=5.8

2012 SEP

s-min=26.4km az=76.0,Tajikistan
Code Station Name Az Az' Phase ID Time Res
SFK Suifi-Kurgan 2.34 28 P
0.7nm,0.3s

SFK 29nm,0.4s
AML Almayushay 4.36 16 P
SNR=5.5
MNAS Manas 4.54 4 P
0.6nm,0.4s

MNAS 8.4nm,0.3s
UCH Uchtor 4.66 23 P
SNR=8.3
KZA Kyzart 4.79 30 P
SNR=6.1

EKS2 Erkin-Say 4.88 15 P
SNR=5.2
AAK Ala-Archa 5.03 21 P
5.6nm,0.5s

AAK 8.1nm,0.7s
AAK Ala-Archa 5.03 21 P
SNR=6.3
KK31 Karatay Array 5.28 347 P
5.2nm,0.5s,baz=155,slow=2.1,SNR=3.3

CHMS Chumysh 5.44 21 P
SNR=5.5
TKM2 Tokmak 2 5.64 27 P
2.1nm,0.6s

IDC 04 09:16:25.1:2.6,10.29N:126.47E,h0km,mb3.8/5,
mb1 3.9/5,mb1mx3.5/6.9,mbtmp3.8/5,Error ellipse:
s-maj=230.9km s-min=19.9km az=67.0,Philippine
Islands region

Code Station Name Az Az' Phase ID Time Res
WRA Warrunguna Arr 31.02 166 P
0.4nm,0.8s,baz=346,slow=9.5,SNR=8.1

ASAR Alice Springs 34.52 168 P
0.4nm,0.4s,baz=350,slow=6.8,SNR=10
MKAR Makanchi Array 52.13 323 P
0.5nm,0.3s,baz=130,slow=7.8,SNR=8.4

KURBB Kurchatov Arra 56.17 325 P
0.9nm,0.3s,baz=119,slow=9.2,SNR=5.1
BVAR Borovoye Array 61.76 325 P
0.7nm,0.6s,baz=112,slow=9.8,SNR=3.7

DDA 04 09:25:12.5:4.1,10N:39.74E,h30km,M3.7
ISK 04 09:25:12.5:4.1,10.7N:39.70E,h20km,ML3.2/17
ISCJB 04 09:25:13.2:0.5,41.12N:0.04:39.70E:0.03,h20km,4km,
mb3.3/2,Error ellipse: s-maj=6.1km s-min=3.4km
az=171.6

IDC 04 09:25:18.6:3.2,41.33N:40.07E,h31km,25km,mb3.3/2,
mb1 3.2/5,mb1mx2.9/7.5,mbtmp3.1/5,ML2.4/3,Error
ellipse: s-maj=55.8km s-min=14.6km az=149.0

ISC 04 09:25:13.9:0.8,41.07N:0.03:39.72E:0.02,h28km,5km,
n41,o2505/57,Turkey

Code Station Name Az Az' Phase ID Time Res
KTUT Trabzon 0.09 157 PG
KTUT KTUT 0.13 164 P
MACX Trabzon 0.13 164 P

MACX MACK 0.63 197 PG
GUMT Gumushane 0.63 197 PG
GLUM GLUM 1.74 155 PG
BAYT Ayd-ntepe-Bay 1.74 155 PG

BAYT BAYT 1.77 259 PG
CHOM Cayeli-Rize 0.79 188 PG
KELT Kelkit 0.98 201 P
GRSN GiresunGRSN 1.11 263 P

ORDU Ordu-Boztepe 1.41 268 P
ORDU ORDU 1.44 234 P
SUSE Susehri 1.44 234 P
ERZN Erzincan 1.48 180 PN
BCA Borcka 1.48 75 PN

DBAD Bademkaya 1.49 91 P
DBAD DBAD 1.55 96 P
ODEM Demirkent 1.55 96 P
DAGI Agililar 1.66 89 P
DAGI DAGI 1.67 85 P

ARTV Artvin 1.67 85 P
ARTV ARTV 1.71 132 P
ERZUM Erzurum 1.75 139 PN
YEDU Yedigöller 1.75 139 PN
REFA Refahiye_ERZ 1.82 204 P

242

STKA Stephens Creek 38.47 241 P
3.4nm,0.8s,baz=90,slow=11,SNR=8.7
JAY Jayapura 42.59 286 P
2.5nm,0.5s,baz=172,slow=19,SNR=2.7

WRA Warrunguna Arr 44.39 259 P
0.5nm,0.6s,baz=97,slow=7.0,SNR=12
WRA 0.2nm,0.6s,baz=93,slow=4.4,SNR=3.4

ASAR Alice Springs 44.57 254 P
4.3nm,0.6s,baz=88,slow=8.2,SNR=9.6
ASAR 0.4nm,0.4s,baz=99,slow=4.6,SNR=5.8

MJAR Matsushiro Arr 67.60 323 P
6.5nm,0.5s,baz=183,slow=12.5,SNR=5.9
QSPA South Pole Qui 72.32 180 P
0.6nm,0.6s,baz=132,slow=19.1,SNR=3.1

PETK Petropavlovsk 73.44 345 P
2.9nm,0.7s,baz=119,slow=8.0,SNR=8.1
KSRS Korea Arr 74.39 318 P
0.3nm,0.3s,baz=130,slow=7.3,SNR=2.8

YBH Yreka Blue Hor 78.57 39 P
1.4nm,0.7s,baz=121,slow=5.9,SNR=3.1
NVAR Mina Array Bea 79.49 44 P
0.8nm,0.7s,baz=224,slow=8.9,SNR=8.8

SEY Seymchan 83.55 347 P
3.0nm,0.5s,baz=149,slow=5.7,SNR=9.9
ILAR Eielson Array 85.78 143 P
0.7nm,0.6s,baz=202,slow=3.3,SNR=5.5

TXAR Lajitas Array 86.14 58 P
0.9nm,0.8s,baz=217,slow=6.4,SNR=12
PDAR Piedade Array 87.42 44 P
1.3nm,0.5s,baz=202,slow=3.3,SNR=5.5

BVAR Borovoye Array 116.54 321 PKP
0.5nm,0.4s,baz=327,slow=2.4,SNR=3.4
BRTR Keskin Array B 144.46 315 PKP
1.3nm,0.5s,baz=327,slow=2.4,SNR=3.4

MMAR Mount Meron Arr 145.81 303 PKPbc
0.7nm,0.2s,baz=27,slow=9.7,SNR=3.2
GERES GERES Array B 147.37 345 PKPbc
1.5nm,0.5s,baz=23,slow=3.6,SNR=11

DAVX Davos Nischmat 150.18 348 PKPbc
3.8nm,0.5s,baz=197,slow=11,SNR=4.3

MAN 04 09:34:04.4,10.15N:125.36E,h22km,mb4.8,ML3.6,
MS3.6,1D,Leyte

Code Station Name Az Az' Phase ID Time Res
MSLP Maasin 0.49 268 P
MSLP MSLP 1.07 340 P
PLP Palo 1.07 340 P

LLP Lapu-Lapu 1.38 277 P
LLP LLP 1.38 277 P

IDC 04 09:34:29.6:0.8,10.50N:126.82E,h0km,mb3.7/7,
mb1 3.8/7,mb1mx3.5/6.0,mbtmp3.7/7,Error ellipse:
s-maj=54.3km s-min=18.3km az=73.0,Philippine
Islands region

Code Station Name Az Az' Phase ID Time Res
WRA Warrunguna Arr 31.15 166 P
0.1nm,0.4s,baz=344,slow=8.9,SNR=2.8

ASAR Alice Springs 34.56 169 P
0.3nm,0.7s,baz=342,slow=2.6,SNR=4.8
ASAR 0.3nm,0.5s,baz=349,slow=6.7,SNR=5.9

STKA Stephens Creek 44.45 162 P
1.7nm,0.8s,baz=342,slow=9.3,SNR=3.1
PETK Petropavlovsk 49.20 24 P
1.7nm,0.7s,baz=215,slow=6.8,SNR=3.6

MKAR Makanchi Array 52.17 322 P
0.6nm,0.7s,baz=112,slow=9.4,SNR=6.6
KURBB Kurchatov Arra 56.19 325 P
0.4nm,0.4s,baz=124,slow=6.8,SNR=6.1
FINES FINESS Array B 85.94 332 P
0.9nm,0.7s,baz=90,slow=2.8,SNR=4.5

IDC 04 09:39:54.8:0.5,10.47N:126.90E,h0km,mb4.4/26,
mb1 4.4/26,mb1mx4.3/6.3,mbtmp4.4/26,MS3.2/8,
Ms1 3.3/8,ms1mx3.0/6.9,Error ellipse: s-maj=24.1km
s-min=10.9km az=78.0
ISCJB 04 09:39:55.6:1.5,10.53N:0.03:126.92E:0.03,h13km,9km,
mb4.6/61,Error ellipse: s-maj=5.3km s-min=4.7km
az=169.0
MAN 04 09:39:56.7,10.64N:126.88E,h20km,mb5.3,ML4.3,
MS4.4
MOS 04 09:39:57.4:0.9,10.46N:126.82E,h26km,mb5.2/14,Error
ellipse: s-maj=29.9km s-min=9.7km az=120.6
BUJ 04 09:39:58.6,10.51N:126.92E,h32km,mb4.8/41,MB4.9/27,
MS4.3/16,MS7.4/15
NEIC 04 09:40:00.1:0.2,10.51N:126.92E,h32km,mb4.8/22,Error
ellipse: s-maj=6.6km s-min=3.8km az=90.0
ISC 04 09:39:56.8:2.2,10.55N:0.04:126.93E:0.06,h9km,14km,
n138,o1956/144,mb4.7/61,5C-4D,Philippine Islands
region

Code Station Name Az Az' Phase ID Time Res
BESP Borongan 1.80 306 P
BESP BESP 2.01 288 P
PLP Palo 2.01 288 P
BUTP Butuan 2.03 219 P
BUTP BUTP 2.08 259 P
MSLP Maasin 2.08 259 P
MSLP MSLP 2.92 266 P
LLP Lapu-Lapu 2.92 266 P
LLP LLP 2.95 312 P
Catarman 2.95 312 P
CGP Cagayan de Oro 3.03 227 P
DVAO Davao City (W) 3.71 201 LR
SNP comp=Z,242nm,18.8s,baz=300,slow=33
SIBAN 3.83 252 P
SIBAN SIBAN 4.06 318 P
PVCV PVCV 4.26 271 P
RUM Roxas 4.26 284 P
RUM RUM 4.26 271 P
GUM Tagay City 6.83 302 LR
comp=Z,349nm,18.6s,baz=209,slow=40
TNTI Ternate 9.72 177 ePn
MYLDM Lahad Datu 9.90 238 ePn
KKM Kota Kinabalu 11.50 248 ePn
SIJI Sorong 12.14 159 Pn
1.8nm,0.3s,baz=319,slow=19.1,SNR=3.5
SIJI comp=Z,1106nm,19.5s,baz=78,slow=42
YHNB Yeheng 15.00 340 ePn
1.3nm,0.9s
TATO Taipei 15.25 341 ePn
4.7nm,1.1s
SBUM Sibutu 16.67 242 ePn
4.4nm,0.8s
GUMO Guam 17.80 78 LR
comp=Z,114nm,21.1s,baz=266,slow=32
KSM Kuching 18.81 242 ePn
4.4nm,0.8s
SOEI Soe 20.34 188 ePn
35nm,1.1s
BATI Baunata 20.87 189 P
66nm,0.7s,baz=208,slow=2.5,SNR=7.5
NJ2 Nanjing 22.66 342 ePn
NJ2 comp=Z,139nm,0.5s
JNU Nakatsue 22.76 9 P
9.1nm,1.0s,baz=265,slow=7.2,SNR=9.8
JNU comp=Z,35nm,19.4s,baz=194,slow=38
JNU Nakatsue 22.76 9 ePn
19nm,1.1s
MTN Mantion Dam 23.61 170 P
0.6nm,0.3s,baz=66,slow=18.3,SNR=7.0
GYA Guiyang 24.83 312 ePn
4.4nm,0.8s
CHAI Chaiyaphum 24.84 285 P
comp=Z,10.0nm,0.8s

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NAYO, JHJ, ENH, PBKT, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV, ZALV, ZALV, ZAA1, KURK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TBP, BUKP, BUKP, Mati, Davao City (W), etc.

MAN 04 09:58:04.0, 10:55N:127:13E, h101km, mb5.8, ML4.9, MS5.3
IDC 04 09:58:05.2, 0.3, 10:46N:126:75E, h0km, mb5.1/58, mb1.5/261, mb1mx5.1/22, mbmp5.1/61, ML4.5/3, MS4.6/61, Ms1.4/6/61, ms1mx4.5/68, Error ellipse: s-maj=11.3km s-min=7.5km az=78.0
BUJ 04 09:58:05.3, 10:19N:126:99E, h33km, mb5.2/81, MB5.4/65, MS5.2/91, MS7.5/0/83
ISC/JB 04 09:58:08.0, 0.6, 10:50N:0:0:1:126:83E:0:02, h28km, 4km, mb5.3/261, MS4.9/278, Error ellipse: s-maj=3.1km s-min=2.4km az=164.5
MOS 04 09:58:08.0, 1.2, 10:57N:126:71E, h23km, mb5.7/87, MS4.7/41, Error ellipse: s-maj=7.5km s-min=4.0km az=115.1
GCMZ 04 09:58:09.0, 0.1, 10:49N:0:0:1:126:95E:0:01, h12km, MW5.4/136, Moment Tensor Solution. s77, c113; s136, c258; Duration: 1s2 Moment tensor: Scale 10^17 Nm; Mn:-1.39e-01; Mm:0.20e-01; Mpp:1.18e-01; Mx:0.20e-05; My:0.14e-01; Mz:0.52e-04; Best double couple: Mo:1.40500e+10; NP2:164.00000e-03; 835.00000e-03; 1-105.00000e-03; Principal axes: T:1.2900, P:10.0000e-03; Azm:84.0000e-03; N:0.22e-03, P:168.0000e-03; Azm:176.0000e-03; S:5.200e-03, P:76.0000e-03; Azm:304.0000e-03; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
NEIC 04 09:58:11.0, 0.1, 10:46N:126:77E, h35km, mb5.4/125, MS5.0/191 Error ellipse: s-maj=3.8km s-min=2.9km az=82.0
DJA 04 09:58:12.0, 0.4, 10:13N:127:7E, h41km, 4km, M5.4/66, mb5.7/43, mb5.3/66, MLV6.0/1, Mw(mb)5.3/43, Mwps.4/1
ISC 04 09:58:09.8-0.3, 10:50N:0:0:2:126:82E:0:03, h29km, 2km, h29km, P-P, n190, e151/1142, mb5.4/265, MS5.0/279, 50C-28D, Philippine Islands region

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, ASAR Warakurna, and ASAR Charters Tower.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PKIN Phulchoki, RMQ Roma, KKN Kakara, and RMQ Mount Arapiles.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like DZM Mont Dzumac, DZM Jazator, DZM Toolangi, and DZM Zaisar.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like FRU1 Bishkek, AAK Ala-Archa, BRZS Berezinski, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like ARU Arti, RDOG Red Dog Mine, SVWZ Sparvevoh, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like IL1 Eielson Array, ILAR Sand Creek, ILB Eielson Array, etc.

AKBB	Malin Array Si	86.73 321	eP	P	10 10 50.7 -0.5
AKBB	comp-Z,297nm,1.3s			LR	LR
KIEV	comp-Z,2um,21.0s				
KIEV	Kiev	86.74 321	eP	P	10 10 50.7 -0.5
KIEV	comp-Z,86nm,1.2s				
KIEV	Kiev	86.74 321	iP	P	10 10 50.6 -0.7
KIEV	SNR=32				
KIEV	Kiev	86.74 321	dP	P	10 10 49.7 -1.5
KIEV	comp-Z,58nm,1.1s			pmax	pmax
AK11	Malin Array Si	86.77 321	eP	P	10 10 50.7 -0.7
CSS	Mathiasis	86.90 305	eP	P	10 10 52.1 -0.3
CSS	comp-Z,65nm,0.6s				
PPT	Papeete	87.12 108	LR	LR	10 42 03.3
PPT2	Papeete2	87.12 108	eS	S	10 21 29.0 -2.9
PPT2	comp-Z,38nm,24.8s				
PPT2	Papeete2	87.12 108	eLR	LR	10 38 31.6
IDID	Didziasalis	87.23 296	eP	P	10 10 53.8 +0.7
IDID	comp-Z,300nm,21.0s			IAMB	IAMB
KDHN	Kadinhani	87.19 308	iP	P	10 10 51.9 -1.9
NACGM	Naroch	87.20 325	eP	P	10 10 50.0 -3.4
IZAR	Zarasai	87.29 328	eP	P	10 10 54.6 +0.8
IZAR	comp-Z,11nm,0.7s			IAMB	IAMB
ISAL	Salakas	87.40 326	eP	P	10 10 55.2 +0.9
ISAL	comp-Z,11nm,0.9s			IAMB	IAMB
IIGN	Ignalina	87.40 326	eP	P	10 10 55.3 +0.9
IIGN	comp-Z,7.2nm,0.7s			IAMB	IAMB
GAZI	Gazipasa	87.47 306	iP	P	10 10 57.8 +2.6
KIS	Kishinev	87.81 317	eP	P	10 10 55.0 -1.5
KIS	comp-Z,400nm,18.0s			S	S
KIS	Kishinev	87.81 317	eS	S	10 11 07.7 -0.4
SORM	Soroca	87.86 318	iP	P	10 10 55.8 -0.9
SORM	Soroca	87.86 318	iP	P	10 10 55.8 -0.9
KEPZ	Antalya-Kepez	87.91 307	iP	P	10 10 53.7 -3.6
BOLV	Bolvadin	88.05 309	iP	P	10 10 57.7 -0.3
TLCR	TLCR	88.22 316	iP	P	10 10 58.3 -0.2
TLCR	TLCR	88.22 316	iP	P	10 10 58.3 -0.2
STEI	Steigen	88.23 339	eP	P	10 10 57.1 -0.9
TBI	Tubuaj	88.42 114	eLR	LR	10 39 11.4
ISP	comp-Z,2um,23.8s				
ISP	Isparta	88.56 308	iP	P	10 10 59.2 -1.2
ISP	Isparta	88.56 308	eP	P	10 11 00.4 0.0
ISP	comp-Z,35nm,0.8s				
ISP	Isparta	88.56 308	eP	P	10 11 00.4 0.0
ISP	comp-Z,35nm,0.8s			pmax	pmax
TIRR	Tirgusor	88.66 315	iP	P	10 11 00.4 -0.2
TIRR	Tirgusor	88.66 315	eP	P	10 11 01.7 +1.1
TIRR	comp-Z,40nm,0.8s				
TIRR	Tirgusor	88.66 315	eP	P	10 11 01.7 +1.1
TIRR	comp-Z,40nm,0.8s			pmax	pmax
TIRR	Tirgusor	88.66 315	eP	P	10 11 01.7 +1.1
TIRR	comp-Z,40nm,0.8s			MLR	MLR
CFR	Carcaliu	88.69 316	iP	P	10 11 00.3 -0.4
CFR	Carcaliu	88.69 316	iP	P	10 11 00.3 -0.4
LOF	Lofoten	88.72 340	eP	P	10 11 01.3 +1.0
KOR	Korkuelli	88.77 307	iP	P	10 11 01.1 -0.8
TKOT	Topalu	88.89 315	iP	P	10 11 01.5 -0.1
TLB	Topalu	88.89 315	iP	P	10 11 01.5 -0.1
HARR	Harsova	88.94 315	iP	P	10 11 01.9 0.0
HARR	Harsova	88.94 315	iP	P	10 11 01.9 0.0
BRDH	BRDHUR-Merkez	88.95 308	iP	P	10 10 59.7 -2.5
TESR	Tescani	89.37 317	iP	P	10 11 03.6 -0.3
GOLH	Golhari	89.53 308	eP	P	10 11 03.2 -1.3
SUW	Suwalki	89.47 325	eP	P	10 11 04.4 +0.2
SUW	comp-Z,510nm,0.2s				
SUW	Suwalki	89.47 325	eP	P	10 11 04.4 +0.2
VRI	Vrniciaia	89.48 317	iP	P	10 11 04.9 +0.4
YI	Vrniciaia	89.48 317	iP	P	10 11 04.9 +0.4
PLOR	Plostina	89.54 317	iP	P	10 11 04.8 0.0
PLOR	Plostina	89.54 317	iP	P	10 11 04.8 0.0
KONS	Konsvik	89.58 338	eP	P	10 11 01.5 -2.9
BIZ	Bicaz	89.63 318	iP	P	10 11 06.6 +1.5
STOK	Stokkvaagen	89.69 316	eP	P	10 11 03.5 -1.4
KMBO	Kilima Mbogo	89.78 269	iP	P	10 11 05.5 -1.3
KMBO	comp-Z,1.1nm,0.6s,baz=77,slow=5.3,SNR=3.4				
KMBO	Kilima Mbogo	89.78 269	iP	P	10 11 05.5 -1.3
KMBO	comp-Z,1.1nm,0.6s			pmax	pmax
KMBO	Kilima Mbogo	89.78 269	iP	P	10 11 05.5 -1.3
TAVA	DENIZLI Tavas	89.89 308	iP	P	10 11 06.6 -0.1
BURAR	Bucovina Array	90.03 318	iP	P	10 11 07.4 +0.3
BURAR	Bucovina Array	90.03 318	iP	P	10 11 07.4 +0.3
BUR0A	Bucovina Ar. S	90.03 318	eP	P	10 11 06.4 -0.7
BUR0A	Bucovina Ar. S	90.03 318	eP	P	10 11 07.0 -0.2
VNDA	Vanda	90.09 173	eP	P	10 11 05.8 -0.7
VNDA	comp-Z,4.9nm,0.5s,baz=316,slow=6.5,SNR=45				
VNDA	Vanda	90.09 173	eP	P	10 11 05.8 -0.7
VNDA	comp-Z,456nm,18.8s,baz=352,slow=37			LR	LR
VNDA	Vanda	90.09 173	eP	P	10 11 06.5 0.0
VNDA	comp-Z,37nm,1.3s				
VNDA	Vanda	90.09 173	eP	P	10 11 06.5 0.0
VNDA	comp-Z,37nm,1.3s			pmax	pmax
MAW	Mawson	90.10 200	P	P	10 11 06.7 0.0
MAW	comp-Z,13nm,1.1s,baz=60,slow=7.2,SNR=17			LR	LR
MAW	Mawson	90.10 200	P	P	10 11 06.7 0.0
MAW	comp-Z,108nm,19.3s,baz=60,slow=34				
MAW	Mawson	90.10 200	P	P	10 11 06.5 -0.1
MAW	comp-Z,90,SNR=13				
MAW	Mawson	90.10 200	eP	P	10 11 06.5 -0.1
MAW	comp-Z,8.5nm,1.3s				
SULR	Muntele Rosu	90.10 315	iP	P	10 11 10.0 +2.7
MLR	Muntele Rosu	90.11 316	eP	P	10 11 07.8 +0.3
MLR	comp-Z,20nm,0.9s,baz=39,slow=4.3,SNR=12			LR	LR
MLR	Muntele Rosu	90.11 316	eP	P	10 11 07.6 +0.1
MLR	comp-Z,358nm,20.1s,baz=70,slow=39				
MLR	Muntele Rosu	90.11 316	iP	P	10 11 07.2 -0.3
MLR	comp-Z,48nm,1.3s				
LVV	L'vov	90.18 321	eP	P	10 11 07.5 -0.1
VOIR	Voir	90.73 316	iP	P	10 11 10.1 -0.3
VOIR	Voir	90.73 316	iP	P	10 11 10.1 -0.3
SBA	Scott Base	90.79 172	eP	P	10 11 12.5 +1.9
SBA	comp-Z,89nm,1.8s				
SBA	Scott Base	90.79 172	eP	P	10 11 12.5 +1.9
SBA	comp-Z,89nm,1.8s			pmax	pmax
ARR	Arges	91.03 316	iP	P	10 11 13.1 +1.3
KWP	Kalwarja Pacla	91.05 321	eP	P	10 11 11.5 -0.2
KWP	Kalwarja Pacla	91.05 321	eP	P	10 11 11.5 -0.2
CJR	Ciuj-Napoca	91.34 318	iP	P	10 11 15.3 +2.1
CJR	Ciuj-Napoca	91.34 318	iP	P	10 11 15.3 +2.1
TRPA	Tarpa	91.61 314	iP	P	10 11 15.3 +1.2
TRPA	Tarpa	91.61 314	iP	P	10 11 15.3 +1.2
UZH	Uzhgorod	91.62 320	iP	P	10 11 14.7 +0.4
UZH	Uzhgorod	91.62 320	iP	P	10 11 19.9 0.0
DRGR	DRGR	91.90 318	iP	P	10 11 17.4 +1.6
DRGR	DRGR	91.90 318	iP	P	10 11 17.4 +1.6
CRVS	Cervenica-Dubn	92.06 320	eP	P	10 11 16.9 +0.5
CRVS	comp-Z,83nm,1.4s			pmax	pmax
CRVS	Cervenica-Dubn	92.06 320	eP	P	10 11 16.9 +0.5
HFS	Hagfors	92.10 333	eP	P	10 11 14.6 -1.7
HFS	comp-Z,12nm,0.5s,baz=64,slow=3.4,SNR=20			LR	LR
HFS	Hagfors	92.10 333	eP	P	10 57 26.2
NC401	NORSAR Array S	92.52 334	eP	P	10 11 17.4 -0.8
NC405	NORSAR Array S	92.52 334	eP	P	10 11 18.6 +0.2
NC400	NORSAR Array S	92.56 334	eP	P	10 11 18.5 +0.1
NC301	NORSAR Array S	92.56 334	eP	P	10 11 19.1 +0.7
NC305	NORSAR Array S	92.59 334	eP	P	10 11 18.9 +0.4
NC300	NORSAR Array S	92.60 334	eP	P	10 11 19.0 +0.4
NIE	Niedzica	92.61 321	eP	P	10 11 19.8 +0.9

NIE	Niedzica	92.61 321	eP	P	10 11 19.8 +0.9
NC304	NORSAR Array S	92.63 334	eP	P	10 11 18.4 -0.3
NC303	NORSAR Array S	92.64 334	eP	P	10 11 19.1 +0.3
OJC	Ojcow	92.65 322	eP	P	10 11 18.7 -0.4
OJC	Ojcow	92.65 322	eP	P	10 11 18.5 -0.6
OJC	comp-Z,16nm,1.0s				
HERR	Herculane	92.65 322	eP	P	10 11 18.7 -0.4
NB2	NORSAR Subarra	92.79 334	eP	P	10 11 19.8 +0.5
NB2	NORSAR Subarra	92.79 334	eP	P	10 11 17.6 -1.9
NB2	comp-Z,18nm,0.9s,baz=63,slow=4.6				
NB2	NORSAR Subarra	92.79 334	eP	P	10 11 17.6 -1.9
NB2	NORSAR Subarra	92.79 334	eP	P	10 11 17.6 -1.9
NB200	NORSAR Array S	92.79 334	eP	P	10 11 17.7 -1.8
NOA	NORSAR Array S	92.79 334	eP	P	10 11 17.7 -1.8
NOA	comp-Z,12nm,0.9s,baz=64,slow=4.7,SNR=14			LR	LR
NOA	NORSAR Array S	92.79 334	eP	P	10 56 37.0
NC201	NORSAR Array S	92.80 334	eP	P	10 11 19.6 0.0
VTS	Vitosha	92.80 314	iP	P	10 11 20.0 -0.1
VTS	Vitosha	92.80 314	iP	P	10 11 19.3 -0.8
VTS	comp-Z,29nm,1.4s			LR	LR
VTS	comp-Z,300nm,21.0s				
KECS	Kecevo	92.80 314	iP	P	10 11 20.0 -0.1
KECS	Kecevo	92.80 320	eP	P	10 11 21.1 +1.3
KECS	comp-Z,13nm,0.9s			pmax	pmax
KECS	Kecevo	92.80 320	eP	P	10 11 21.1 +1.3
NC202	NORSAR Array S	92.82 334	eP	P	10 11 20.4 +0.5
NC205	NORSAR Array S	92.83 334	eP	P	10 11 20.2 +0.4
SANT	Santorini	92.84 308	eP	P	10 11 19.6 -0.7
SANT	comp-Z,98nm,0.9s				
NC200	NORSAR Array S	92.84 334	eP	P	10 11 20.5 +0.7
NC204	NORSAR Array S	92.88 334	eP	P	10 11 20.3 +0.3
BZS	Buzias	92.98 317	iP	P	10 11 21.5 +0.8
BZS	Buzias	92.98 317	iP	P	10 11 21.5 +0.8
NAO01	NORSAR Array S	93.03 334	eP	P	10 11 21.1 +0.5
NAO00	NORSAR Array S	93.06 334	eP	P	10 11 22.6 +1.9
LANS	Liptovska Anna	93.21 321	eP	P	10 11 23.7 +2.0
LANS	Liptovska Anna	93.21 321	eP	P	10 11 23.7 +2.0
DOMB	Dombas	93.22 335	eP	P	10 11 19.7 -1.8
YKA	Yellowknife Ar	93.33 24	P	P	10 11 21.4 -0.4
YKA	comp-Z,9.9nm,0.9s,baz=299,slow=4.7,SNR=27				
YKA	Yellowknife Ar	93.33 24	eP	P	10 52 10.9
YKBS	Yellowknife Ar	93.33 24	eP	P	10 11 21.4 -0.4
PSZ	Piszkesteto	93.36 320	eP	P	10 11 24.4 +1.9
PSZ	Piszkesteto	93.36 320	iP	P	10 11 23.4 +0.9
PSZ	comp-Z,55nm,1.2s				
PSZ	Piszkesteto	93.36 320	iP	P	10 11 22.4 -0.1
PSZ	Piszkesteto	93.37 307	eP	P	10 11 23.4 +0.9
IDI	Anoyia	93.57 307	eP	P	10 11 24.0 +0.3
IDI	comp-Z,13nm,0.7s,baz=99,slow=14,SNR=6.0			LR	LR
IDI	Anoyia	93.57 307	eP	P	11 01 36.3
IDI	comp-Z,86nm,18.1s,baz=90,slow=41				
IDI	Anoyia	93.57 307	iP	P	10 11 25.1 +1.4
IDI	Anoyia	93.57 307	eP	P	10 11 24.0 +0.3
MOL	Molde	93.57 336	eP	P	10 11 20.9 -2.1
BSD	Bornholm Skovb	93.59 328	iP	P	10 11 24.2 +1.0
BSD	Bornholm Skovb	93.59 328	eP	P	10 11 24.2 +1.0
BSD	comp-Z,54nm,1.3s			pmax	pmax
VAY	Valandovo	93.63 313	iP	P	10 11 23.8 +0.1
VAY	Valandovo	93.63 313	iP	P	10 11 24.3 +0.5
OKC	Ostrava-Krasno	93.78 322	AMS	AMS	11 02 10.0
OKC	comp-Z,400nm,17.8s				
VYHS	Vyhne	93.83 321	eP	P	10 11 24.6 0.0
VYHS	Vyhne	93.83 321	eP	P	10 11 24.6 0.0
AKNS	Aaknes	93.99 336	eP	P	10 11 24.1 -0.9
LIT	Litokhoron	94.05 312	eP	P	10 11 24.4 -1.4
LIT	comp-Z,46nm,1.3s				
LIT	Litokhoron	94.05 312	eP	P	

MDPB	Devils Postpil	102.05	48	PFAKE	LR	10 12 10.0 +7.9
MDPB	comp=Z,600nm,22.0s					
RYN	Ryan	102.05	47	PFAKE	LR	10 12 10.0 +8.0
RYN	comp=Z,600nm,22.0s					
OMMB	Old Mammoth Mi	102.11	48	PFAKE	LR	10 12 10.0 +7.5
OMMB	comp=Z,700nm,22.0s					
NV01	Mina Array Sit	102.29	47	ePdif	Pdif	10 12 03.0 -0.1
NV01	PP					10 16 16.6 +1.4
NV01	ePKKPbc					10 28 04.3 -1.9
NV01	Pdif					10 12 03.0 -0.1
NVAR	Mina Array Bea	102.29	47	PP	PP	10 16 16.6 +1.4
NVAR	comp=Z,0.2nm,0.5s,baz=275,slow=5.2,SNR=4.0					
NVAR	comp=Z,0.8nm,0.9s,baz=274,slow=7.1,SNR=3.0					
NVAR	PKKPbc					10 28 04.3 -1.9
NVAR	PKKPbc					
DAC	Darwin (Calif)	103.68	49	PFAKE	LR	10 12 20.0 +1.1
DAC	comp=Z,700nm,21.0s					
PASC	Pasadena Art C	104.08	51	PFAKE	LR	10 12 20.0 +9.1
PASC	comp=Z,500nm,21.0s					
YHB	Horse Butte	104.13	39	PFAKE	LR	10 12 20.0 +8.8
YHB	comp=Z,500nm,21.0s					
R11A	Troy Canyon, C	104.26	46	PFAKE	LR	10 12 20.0 +8.1
R11A	comp=Z,500nm,21.0s					
YMR	Madison River	104.31	39	PFAKE	LR	10 12 20.0 +8.0
YMR	comp=Z,500nm,21.0s					
YHH	Holmes Hill	104.32	38	PFAKE	LR	10 12 20.0 +7.8
YHH	comp=Z,500nm,21.0s					
YNR	Norris Junctio	104.46	38	PFAKE	LR	10 12 20.0 +7.3
YNR	comp=Z,300nm,21.0s					
YFT	Old Faithful	104.50	39	PFAKE	LR	10 12 20.0 +7.1
YFT	comp=Z,700nm,20.0s					
HVU	Hansel Valley	104.60	42	PFAKE	LR	10 12 30.0 +1.7
HVU	comp=Z,400nm,20.0s					
YPP	Pitchstone Pla	104.61	39	PFAKE	LR	10 12 30.0 +1.7
YPP	comp=Z,600nm,21.0s					
IMW	Indian Meadow	104.72	39	PFAKE	LR	10 12 30.0 +1.6
IMW	comp=Z,500nm,20.0s					
FLWY	Flagg Ranch	104.78	39	PFAKE	LR	10 12 30.0 +1.6
FLWY	comp=Z,500nm,22.0s					
BGU	Big Grassy Mou	104.84	43	PFAKE	LR	10 12 30.0 +1.6
BGU	comp=Z,400nm,20.0s					
MOOW	Moose Ponds	104.92	39	PFAKE	LR	10 12 30.0 +1.5
MOOW	comp=Z,600nm,20.0s					
TPAW	Teton Pass	104.92	40	PFAKE	LR	10 12 30.0 +1.5
TPAW	comp=Z,600nm,22.0s					
REDW	Red Top Meadow	105.05	40	PFAKE	LR	10 16 40.0
REDW	comp=Z,700nm,22.0s					
SNOW	Snow King Moun	105.06	40	PFAKE	LR	10 16 40.0
SNOW	comp=Z,700nm,22.0s					
AHID	Auburn Hatcher	105.19	40	PFAKE	LR	10 16 40.0
AHID	comp=Z,500nm,22.0s					
DUG	Dugway, Tooele	105.33	43	PFAKE	LR	10 16 40.0
DUG	comp=Z,400nm,21.0s					
SHPR	Sheep Range	105.36	48	PFAKE	LR	10 16 40.0
SHPR	comp=Z,500nm,22.0s					
PSUT	Pine Spring	105.39	45	PFAKE	LR	10 16 40.0
PSUT	comp=Z,600nm,20.0s					
CPE	Camp Elliot	105.41	52	PFAKE	LR	10 16 40.0
CPE	comp=Z,400nm,18.0s					
CTU	Camp Tracy	105.80	42	PFAKE	LR	10 16 40.0
CTU	comp=Z,400nm,22.0s					
JLU	Jordanelle	106.04	42	PFAKE	LR	10 16 40.0
JLU	comp=Z,500nm,22.0s					
BW06	Boulder Array	106.17	40	PFAKE	LR	10 16 40.0
BW06	comp=Z,700nm,21.0s					
PD31	Pinedale Array	106.17	40	ePP	PP	10 16 44.1 +0.3
PD31	ePKKPbc					10 28 07.2 +1.4
PDAR	Pinedale Array	106.17	40	PP	PP	10 16 44.1 +0.3
PDAR	comp=Z,0.7nm,0.9s,baz=274,slow=4.2,SNR=4.8					
PDAR	PKKP					10 28 07.2 +1.4
MPU	Maple Canyon	106.21	43	PFAKE	LR	10 16 40.0
MPU	comp=Z,0.6nm,0.7s,baz=83,slow=2.8,SNR=5.8					
TCRU	Three Creeks R	106.33	45	PFAKE	LR	10 16 40.0
TCRU	comp=Z,400nm,21.0s					
SZCU	Shurtz Canyon	106.36	46	PFAKE	LR	10 16 40.0
SZCU	comp=Z,500nm,20.0s					
MTPU	Mount Pierson	106.78	45	PFAKE	LR	10 16 50.0
MTPU	comp=Z,700nm,21.0s					
PKCU	Pink Cliffs	106.97	46	PFAKE	LR	10 16 50.0
PKCU	comp=Z,600nm,21.0s					
Y12C	Blythe	107.02	50	PFAKE	LR	10 16 50.0
Y12C	comp=Z,500nm,21.0s					
P17A	Butcher Ranch,	107.08	43	PFAKE	LR	10 16 50.0
P17A	comp=Z,300nm,21.0s					
P18A	Preston Nutter	107.33	43	PFAKE	LR	10 16 50.0
P18A	comp=Z,500nm,21.0s					
K22A	Casper	108.11	39	PFAKE	LR	10 16 50.0
K22A	comp=Z,500nm,19.0s					
RWWY	Rawlins	108.22	40	PFAKE	LR	10 16 50.0
RWWY	comp=Z,600nm,22.0s					
RSSD	Black Hills	108.75	36	PFAKE	LR	10 16 50.0
RSSD	comp=Z,300nm,20.0s					
PV19	Morning Glory	108.84	43	PFAKE	LR	10 16 50.0
PV19	comp=Z,400nm,19.0s					
PV22	Blue Mesa, Par	108.86	43	PFAKE	LR	10 16 50.0
PV22	comp=Z,300nm,22.0s					
PV11	David Mesa, Pa	108.92	43	PFAKE	LR	10 16 50.0
PV11	comp=Z,600nm,19.0s					
PV12	Saucer Basin,	108.96	43	PFAKE	LR	10 16 50.0
PV12	comp=Z,600nm,21.0s					
N23A	Red Feather La	109.45	40	PFAKE	LR	10 16 50.0
N23A	comp=Z,600nm,22.0s					
PHWY	Pilot Hill	109.53	39	PFAKE	LR	10 16 50.0
PHWY	comp=Z,400nm,21.0s					
MVCO	Mesa Verde	109.74	44	PFAKE	LR	10 16 50.0
MVCO	comp=Z,600nm,21.0s					
X18A	Snowflake	110.04	47	PFAKE	LR	10 16 50.0
X18A	comp=Z,600nm,20.0s					
ISCO	Idaho Springs	110.27	41	PFAKE	LR	10 16 50.0
ISCO	comp=Z,500nm,22.0s					
Q24A	Divide	111.03	41	PFAKE	LR	10 16 50.0
Q24A	comp=Z,400nm,22.0s					
TSUM	Tsumeb	111.44	253	PFAKE	LR	10 16 50.0
TSUM	comp=Z,400nm,20.0s					

CART	Cartagena	111.66	318	PFAKE	LR	10 16 50.0
CART	comp=Z,500nm,20.0s					
SNA4	Sanae	111.74	195	PKKPbc	PKKPbc	10 27 34.5 -3.1
SNA4	comp=Z,0.7nm,0.6s,baz=273,slow=7.2,SNR=3.9					
SNA4	Sanae	111.74	195	ePKKPbc	PKKPbc	10 27 34.5 -3.0
SNA4	comp=Z,400nm,21.0s					
OGNE	Ogallala	111.84	38	PFAKE	LR	10 16 50.0
OGNE	comp=Z,400nm,22.0s					
ANMO	Albuquerque	112.32	45	PFAKE	LR	10 17 00.0
ANMO	comp=Z,300nm,21.0s					
ESDC	Sonaca Array	112.38	321	PP	PP	10 17 28.4 -0.3
ESDC	comp=Z,0.2nm,0.2s,baz=52,slow=8.3,SNR=6.2					
Y22D	IRIS PASSCAL I	112.44	46	PFAKE	LR	10 17 00.0
Y22D	comp=Z,600nm,20.0s					
KSCO	Kaye Shedlock	112.62	40	PFAKE	LR	10 17 00.0
KSCO	comp=Z,400nm,22.0s					
ECSD	EROS Data Cent	113.14	33	P	PKIKP	10 16 44.3 -0.6
ECSD	comp=Z,400nm,22.0s					
C40A	Isle Royale Na	113.67	26	P	PKIKP	10 16 45.1 -0.6
C40A	baz=321					
F38A	Pierce - Schro	113.93	29	P	PKIKP	10 16 46.6 +0.4
F38A	baz=318					
SPMN	Marine on St.	114.03	30	PFAKE	LR	10 17 00.0 +1.4
SPMN	comp=Z,200nm,20.0s					
E39A	Mellen	114.23	27	P	PKPdf	10 16 46.3 -0.5
E39A	baz=319					
F39A	Loretta	114.41	28	P	PKPdf	10 16 46.8 -0.4
F39A	baz=319					
E40A	Wakefield	114.47	27	P	PKPdf	10 16 46.8 -0.5
E40A	baz=320					
CBKS	Cedar Bluff	114.53	39	PFAKE	LR	10 17 00.0 +1.2
CBKS	comp=Z,500nm,22.0s					
D41A	Chassel	114.58	26	P	PKPdf	10 16 47.7 +0.2
D41A	baz=321					
I37A	Lemond, Waseca	114.61	31	P	PKPdf	10 16 47.9 +0.3
I37A	baz=316					
F40A	Park Falls	114.77	28	P	PKPdf	10 16 48.4 +0.5
F40A	baz=320					
MNTX	Cornudas Mount	114.77	48	P	PKPdf	10 16 49.9 +1.5
MNTX	baz=301					
J37A	Redenius Farm,	115.03	31	P	PKPdf	10 16 48.5 0.0
J37A	baz=315					
K36A	Gilmore City	115.04	32	P	PKPdf	10 16 49.2 +0.7
K36A	baz=314					
I38A	Scanlan Farm,	115.12	30	P	PKPdf	10 16 49.2 +0.6
I38A	baz=317					
H39A	Augusta	115.16	29	P	PKPdf	10 16 49.1 +0.4
H39A	baz=319					
G40A	Rib Lake	115.23	28	ePKIKP	LR	10 16 50.1 +1.3
G40A	comp=Z,300nm,19.0s					
G40A	Rib Lake	115.23	28	P	PKPdf	10 16 49.0 +0.1
G40A	baz=319					
F41A	Three Lakes	115.37	27	P	PKPdf	10 16 49.1 0.0
F41A	baz=320					
K37A	Belmond	115.37	32	P	PKPdf	10 16 49.7 +0.5
K37A	baz=320					
MSTX	Muleshoe	115.41	44	PFAKE	LR	10 17 00.0 +1.0
MSTX	comp=Z,400nm,21.0s					
MSTX	Muleshoe	115.41	44	P	PKPdf	10 16 49.3 -0.3
MSTX	baz=319					
I39A	Houston	115.66	30	ePKPdf	PKPdf	10 16 48.3 -1.4
I39A	comp=Z,500nm,22.0s					
I39A	Houston	115.66	30	P	PKPdf	10 16 49.2 -0.5
I39A	baz=318					
SFS	San Fernando	115.71	319	PFAKE	LR	10 17 00.0 +1.0
SFS	comp=Z,300nm,20.0s					
G42A	Mountain	116.06	27	P	PKPdf	10 16 50.4 0.0
G42A	baz=321					
H42A	Shiocton	116.58	28	PFAKE	LR	10 17 00.0 +8.6
H42A	comp=Z,400nm,21.0s					
L39A	Vinton	116.68	31	P	PKPdf	10 16 51.8 +0.1
L39A	baz=316					
K40A	Coltsburg	116.69	31	P	PKPdf	10 16 51.9 +0.2
K40A	baz=318					
MDT	Midelt	116.77	315	PKP	PKPdf	10 16 52.6 +0.3
MDT	comp=Z,0.9nm,0.7s,baz=117,slow=2.3,SNR=2.9					
M42A	Draeger Farm,	116.88	28	P	PKPdf	10 16 52.4 +0.4
M42A	baz=320					
I39A	Webster	117.06	32	P	PKPdf	10 16 52.6 +0.2
I39A	comp=Z,1.0nm,0.5s,baz=355,slow=1.9,SNR=20					
L40A	Anamosa	117.12	31	P	PKPdf	10 16 52.6 +0.1
L40A	baz=317					
P37A	Lathrop	117.20	35	P	PKPdf	10 16 53.1 +0.3
P37A	baz=313					
TX31	Lajitas Ar. Si	117.26	49	ePKPdf	PKPdf	10 16 53.3 0.0
TX31	comp=Z,400nm,21.0s					
TX31	Lajitas	117.26	49	ePKPdf	PKPdf	10 16 53.3 +0.3
TX31	comp=Z,400nm,21.0s					
LTX	Lajitas	117.26	49	ePKKPbc	PKKPbc	10 27 20.6 -1.2
LTX	comp=Z,1.0nm,0.5s,baz=355,slow=1.9,SNR=20					
LTX	Lajitas Array	117.26	4			

LMN	baz=329	Caledonia Moun	122.94	10	PFAKE	LR	LR	10 17 20.0	+16
LMN	comp=Z,400nm,18.0s	Williamsport	123.04	27	PFAKE	LR	LR	10 17 20.0	+16
P51A	baz=329	Williamsport	123.04	27	P	PKPdf		10 17 04.0	+0.1
S48A	baz=329	Wiedeman Farm,	123.05	31	P	PKPdf		10 17 03.6	-0.4
241A	baz=329	Mo Tay, Goldon	123.15	40	PFAKE	LR	LR	10 17 20.0	+16
241A	comp=Z,800nm,22.0s								
WVT	baz=329	Waverly	123.27	33	ePKPdf	LR	PKPdf	10 17 03.9	-0.6
WVT	comp=Z,300nm,20.0s	Waverly	123.27	33	ePKIKP	MLR	PKPdf	10 17 03.9	-0.6
WVT	comp=Z,300nm,20.0s	Waverly	123.27	33	P	PKPdf		10 17 04.2	-0.3
Q51A	baz=318	Peebles	123.28	28	P	PKPdf		10 17 04.5	0.0
T48A	baz=320	Bowling Green	123.30	32	P	PKPdf		10 17 05.6	+1.0
HNH	baz=320	Hanover	123.32	17	ePKPdf	PKPdf		10 17 06.2	+1.9
P52A	baz=320	Corning	123.33	27	P	PKPdf		10 17 04.7	+0.2
U47A	baz=319	Clarksville	123.33	33	P	PKPdf		10 17 05.1	+0.4
S49A	baz=319	Springfield	123.33	30	P	PKPdf		10 17 05.1	+0.4
V46A	baz=321	Holladay	123.36	34	P	PKPdf		10 17 04.7	0.0
R50A	baz=323	Paris	123.41	29	P	PKPdf		10 17 05.1	+0.3
BINY	baz=333	Binghamton	123.53	20	P	PKPdf		10 17 05.7	+0.8
OXF	baz=320	Oxford	123.57	36	ePKPdf	LR	PKPdf	10 17 06.1	+1.0
OXF	comp=Z,400nm,22.0s	Oxford	123.57	36	ePKIKP	MLR	PKPdf	10 17 06.1	+1.0
OXF	comp=Z,400nm,22.0s	Oxford	123.57	36	P	PKPdf		10 17 04.2	-0.9
143A	baz=316	Socs Landing,	123.64	39	PFAKE	LR	LR	10 17 20.0	+15
143A	comp=Z,700nm,22.0s	Nunnely	123.67	33	P	PKPdf		10 17 05.4	+0.1
U48A	baz=320	Cassie Pea, Po	123.67	32	P	PKPdf		10 17 05.9	+0.6
T49A	baz=321	Edmonton	123.74	31	ePKPdf	PKPdf		10 17 06.3	+0.9
T49A	baz=321	Edmonton	123.74	31	P	PKPdf		10 17 05.1	-0.3
R51A	baz=323	Hillsboro	123.75	29	P	PKPdf		10 17 05.4	0.0
P53A	baz=326	Whipple	123.78	26	ePKPdf	PKPdf		10 17 06.0	+0.5
P53A	baz=326	Whipple	123.78	26	P	PKPdf		10 17 05.0	-0.4
Q52A	baz=325	Bidwell	123.82	27	P	PKPdf		10 17 06.1	+0.6
GBN	baz=320	Guysborough	123.85	7	PFAKE	LR	LR	10 17 20.0	+15
342A	comp=Z,100nm,21.0s	Flagon Creek P	123.95	41	PFAKE	LR	LR	10 17 20.0	+14
342A	comp=Z,800nm,22.0s								
PLAL	baz=318	Pickwick Lake	123.98	35	ePKPdf	PKPdf		10 17 04.8	-1.1
W47A	baz=318	Westpoint	124.05	34	P	PKPdf		10 17 05.0	-1.1
U49A	baz=320	Red Boiling Sp	124.07	32	P	PKPdf		10 17 05.3	-0.8
V48A	baz=319	Smith Brothers	124.11	33	ePKPdf	PKPdf		10 17 06.7	+0.5
V48A	baz=319	Smith Brothers	124.11	33	P	PKPdf		10 17 05.1	-1.1
T50A	baz=322	Nancy	124.15	31	P	PKPdf		10 17 06.0	-0.2
SSPA	baz=330	Standing Stone	124.22	23	P	PKPdf		10 17 06.1	-0.1
S51A	baz=323	Beattyville	124.27	29	ePKPdf	PKPdf		10 17 07.4	+0.9
S51A	baz=323	Beattyville	124.27	29	P	PKPdf		10 17 06.8	+0.4
O56A	baz=329	Blue Knob Stat	124.28	23	P	PKPdf		10 17 07.0	+0.5
HAL	baz=320	Halifax	124.32	9	PFAKE	LR	LR	10 17 20.0	+14
HAL	comp=Z,300nm,18.0s								
Y46A	baz=316	Houston	124.34	36	P	PKPdf		10 17 06.7	+0.1
W47A	baz=317	Russelville	124.45	35	P	PKPdf		10 17 06.5	-0.4
X48A	baz=319	Pulaski	124.50	34	P	PKPdf		10 17 06.4	-0.5
V49A	baz=319	McMinnville	124.58	32	P	PKPdf		10 17 07.4	+0.4
U50A	baz=321	Jamestown	124.62	31	P	PKPdf		10 17 07.1	-0.1
HRV	baz=338	Adam Dzewonski	124.63	16	P	PKPdf		10 17 08.6	+1.7
T51A	baz=322	Gray	124.64	30	P	PKPdf		10 17 07.7	+0.5
W49A	baz=319	Belvidere	124.87	33	P	PKPdf		10 17 07.4	-0.2
Y47A	baz=317	UCPARC, Winfie	124.90	35	P	PKPdf		10 17 07.5	-0.2
X48A	baz=317	Hartselle	124.95	34	PFAKE	LR	LR	10 17 20.0	+12
X48A	comp=Z,200nm,18.0s								
SWET	baz=320	Sewanee	124.98	33	ePKPdf	LR	PKPdf	10 17 08.7	+0.8
SWET	comp=Z,200nm,19.0s								
T52A	baz=324	Hallie	124.99	29	P	PKPdf		10 17 08.8	+0.9
U51A	baz=322	La Follette	125.06	30	P	PKPdf		10 17 08.4	+0.3
V50A	baz=321	Pikeville	125.07	32	P	PKPdf		10 17 07.1	-0.9
TZTN	baz=323	Tazewell	125.17	30	ePKPdf	PKPdf		10 17 09.4	+1.2
TZTN	baz=323	Tazewell	125.17	30	P	PKPdf		10 17 08.3	+0.1
Z47A	baz=317	Carrollton	125.29	36	P	PKPdf		10 17 09.3	+0.8
X49A	baz=319	Woodville	125.30	34	P	PKPdf		10 17 08.8	+0.4
W50A	baz=320	Signal Mountai	125.32	32	ePKPdf	LR	PKPdf	10 17 09.3	+0.8
W50A	comp=Z,400nm,22.0s								
W50A	baz=320	Signal Mountai	125.32	32	P	PKPdf		10 17 09.1	+0.6
V51A	baz=320	Loudon	125.35	31	ePKPdf	PKPdf		10 17 09.8	+1.3
V51A	baz=322	Loudon	125.35	31	P	PKPdf		10 17 09.3	+0.8
MVL	baz=322	Millersville	125.35	22	ePKPdf	PKPdf		10 17 10.1	+1.7
U52A	baz=323	Thorn Hill	125.37	30	P	PKPdf		10 17 09.4	+0.8
ZPCT	baz=318	Nothport	125.45	35	P	PKPdf		10 17 09.3	+0.5
C48A	baz=320	Cooper Cave	125.54	31	ePKPdf	LR	PKPdf	10 17 09.9	+1.0
C48A	comp=Z,300nm,20.0s								
147A	baz=320	Livingston	125.55	37	PFAKE	LR	LR	10 17 20.0	+11
147A	comp=Z,600nm,22.0s								
W51A	baz=321	Cleveland	125.64	32	P	PKPdf		10 17 09.9	+0.8
V52A	baz=322	Sevierville	125.70	30	ePKPdf	LR	PKPdf	10 17 09.2	0.0
V52A	comp=Z,200nm,18.0s								
V52A	baz=322	Sevierville	125.70	30	P	PKPdf		10 17 09.6	+0.3
X50B	baz=320	Fort Payne	125.70	33	P	PKPdf		10 17 09.0	-0.3
PSUB	baz=320	Penn St. - Bra	125.74	21	PFAKE	LR	LR	10 17 20.0	+11
PSUB	comp=Z,300nm,18.0s								
Y49A	baz=319	Blount Mountai	125.74	34	ePKPdf	PKPdf		10 17 10.2	+0.8
Y49A	baz=319	Blount Mountai	125.74	34	P	PKPdf		10 17 09.4	0.0
TKL	baz=324	Tuckaleechee C	125.75	31	PKP	PKPdf		10 17 09.3	0.0
U33A	comp=Z,6.0nm,0.7s,ba=15s,slow=5.9,SNR=12	Fort Payne	125.76	29	P	PKPdf		10 17 09.6	+0.2
LRAL	baz=324	Lakeview Retre	126.02	35	ePKPdf	LR	PKPdf	10 17 09.9	0.0
LRAL	comp=Z,400nm,20.0s								

LRAL	comp=Z,400nm,20.0s	Lakeview Retre	126.02	35	P	PKPdf		10 17 10.2	+0.3
Y50A	baz=318	Piedmont	126.09	34	P	PKPdf		10 17 10.6	+0.6
BLA	baz=326	Blacksburg	126.09	27	P	PKPdf		10 17 10.6	+0.6
W52A	baz=322	Murphy	126.12	31	ePKPdf	PKPdf		10 17 11.3	+1.2
W52A	baz=322	Murphy	126.12	31	P	PKPdf		10 17 10.4	+0.3
Z49A	baz=318	Columbiana	126.17	35	P	PKPdf		10 17 09.9	-0.3
V53A	baz=322	Saluda	126.22	30	ePKPdf	PKPdf		10 17 11.6	+1.3
V53A	baz=323	Saluda	126.22	30	P	PKPdf		10 17 10.8	+0.6
W53A	baz=322	Cullowhee	126.44	31	P	PKPdf		10 17 11.1	+0.3
149A	baz=318	Jones	126.46	36	P	PKPdf		10 17 11.2	+0.5
Z50A	baz=318	Ashland	126.46	34	ePKPdf	LR	PKPdf	10 17 11.2	+0.4
Z50A	comp=Z,300nm,21.0s								
Z50A	baz=319	Ashland	126.46	34	P	PKPdf		10 17 10.6	-0.2
CVRD	baz=320	Centerville Ro	126.47	24	PFAKE	LR	LR	10 17 20.0	+9.4
CVRD	comp=Z,300nm,20.0s								
PTRD	baz=320	Deep River	126.50	24	ePKPpre	PKPpre		10 17 00.1	
X52A	baz=322	Dahlgroene	126.52	32	P	PKPdf		10 17 11.1	+0.3
BG3	baz=322	Lake Jocassee	126.70	31	ePKPdf	PKPdf		10 17 12.9	+1.7
Z49A	baz=317	Camden	126.72	36	P	PKPdf		10 17 12.1	+0.9
Z51A	baz=320	Franklin	126.83	34	P	PKPdf		10 17 12.2	+0.7
150A	baz=320	Eclectic	126.89	35	P	PKPdf		10 17 11.9	+0.3
X53A	baz=318	Leehollee	126.90	31	P	PKPdf		10 17 11.8	+0.3
Y52A	baz=322	Liburn	127.00	32	ePKPdf	PKPdf		10 17 13.5	+1.7
Y52A	baz=322	Liburn	127.00	32	P	PKPdf		10 17 12.8	+1.0
349A	baz=316	Repton	127.13	37	P	PKPdf		10 17 12.9	+0.9
Z50A	baz=316	Grady	127.21	36	PFAKE	LR	LR	10 17 20.0	+7.8
Z50A	comp=Z,800nm,21.0s								
Y53A	baz=321	Monroe	127.26	32	P	PKPdf		10 17 13.4	+1.2
Z52A	baz=319	Williamson	127.33	33	P	PKPdf		10 17 13.4	+1.0
151A	baz=319	Opelika	127.34	34	P	PKPdf		10 17 12.4	0.0
KM5C	baz=319	Kings Mountain	127.36	29	ePKPdf	PKPdf		10 17 13.4	+1.0
KM5C	baz=319	Kings Mountain	127.36	29	P	PKPdf		10 17 12.9	+0.5
152A	baz=320	Waverly Hall	127.56	34	P	PKPdf		10 17 13.3	+0.4
Z51A	baz=320	Midway	127.56	35	P	PKPdf		10 17 13.7	+0.7
HODGE	baz=319	Hodges	127.64	31	PFAKE	LR	LR	10 17 20.0	+7.1
HODGE	comp=Z,200nm,19.0s								
GOGA	baz=321	Godfrey	127.67	32	P	PKPdf		10 17 13.9	+0.9
Z53A	baz=321	Monticello	127.71	32	P	PKPdf		10 17 13.3	+0.1
Y54A	baz=322	Tignal	127.72	31	P	PKPdf		10 17 13.8	+0.7
Z52A	baz=319	Lumpkin	128.06	34	P	PKPdf		10 17 14.5	+0.7
J52C	baz=320	Jenkinsville	128.09	30	ePKPdf	PKPdf		10 17 15.9	+2.1
Z54A	baz=322	Sparta	128.13	32	P	PKPdf		10 17 14.6	+0.7
Z53A	baz=320	Americus	128.25	34	PFAKE	LR	LR	10 17 30.0	+16
Z53A	comp=Z,300nm,20.0s								
155A	baz=322	Kite	128.81	32	P	PKPdf		10 17 16.9	+1.7
353A	baz=320	Camilla	128.84	35	P	PKPdf		10 17 17.2	+1.9
254A	baz=320	Abbeville	128.89	33	P	PKPdf		10 17 16.8	+1.4
KIC	baz=320	Koska Boka	128.95	287	eP	PKPdf		10 17 17.2	+1.2
DBIC	comp=Z,3.6nm,0.6s,ba=28,slow=2.6,SNR=4.9	Dimbokro	128.96	287	PKP	PKPdf		10 17 15.5	-0.4
TIC	baz=320	Touadi	129.12	287	eP	PKPdf		10 17 14.4	-1.9
LIC	comp=Z,59nm,1.4s	Lamto	129.28	287	eP	PKPdf		10 17 14.3	

Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like TMWZ Te Maipa, GWGZ Otaki Gorge, KIWI Kapiti Island, etc.

ISC/JB 04 10:30:58.3;0.7, 8.20S;0.07x118.45E;0.07, h10km, mb3.6/2, Error ellipse: s-maj=11.7km s-min=7.1km az=138.1

DJA 04 10:30:59.4;0.3, 8.3S;3.11E; h10km, M3.7/9, MLV3.7/9, mb1.3/4.4, mb1mx3.2/6.3, mbtmp3.5/4, ML3.5/2, Error ellipse: s-maj=168.0km s-min=31.6km az=52.0

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, etc.

ISC 04 10:40:52.0;0.9, 1.21S;0.05x127.51E;0.10, h31km, mb3.5/3, Error ellipse: s-maj=14.5km s-min=6.6km az=16.6

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

SOME 04 10:50:57.8, 49.67N;83.78E, h0km, NNC 04 10:51:10.1, 3.3, 49.27N;83.05E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=42.9km s-min=13.6km az=67.0

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like SEM Semipalatinsk, ZSN Zaisan, etc.

Table with columns: Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, KURBB Kurchatov Arra, etc.

ISC/JB 04 10:58:45.9;0.7, 7.86N;0.03x124.89E;0.03, h5km, 5km, mb4.0/9, MS3.4/16, Error ellipse: s-maj=5.5km s-min=4.0km az=152.8

MAN 04 10:58:45.7, 7.85N;124.87E, h1km, mb4.9, ML3.9, MS3.9, IDC 04 10:58:51.1, 7.92N;125.21E, h56km, 13km, mb3.9/9, mb1.4/0.10, mb1mx3.6/6.5, mbtmp4.2/10, MS3.5/6, ms-min=13.7km az=16.9

ISC 04 10:58:47.0;1.0, 7.85N;0.02x124.90E;0.03, h8km, 7km, n45, s=22/45, mb4.1/9, MS3.4/16, 4C-3D, Mindanao

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like BUKP Musuan, CGP Cagayan de Oro, etc.

OTT 04 11:00:54.9;0.5, 72.59N;66.12W, h18km, ML2.9/1, 250km northeast from Clyde River, Nu Eastern Arctic Background Seismic Zone.

ISC 04 11:00:51.1;0.9, 72.63N;0.06x66.26W;0.06, h10km, n7, M3.4/12, Baffin Bay

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like CLRN Clyde River, KULLO Kullorsuaq, etc.

ISC/JB 04 11:02:29.8;0.8, 44.55S;0.1x37.2E;0.2, h10km, mb3.6/6, MS3.5/6, Error ellipse: s-maj=27.8km s-min=12.9km az=150.0

IDC 04 11:02:29.8;0.9, 44.44S;37.33E, h0km, mb3.7/6, mb1.3/0.9, mb1mx3.7/6.6, mbtmp3.8/4, ML3.8/2, MS3.6/7, M3.1/3.7, ms1mx3.3/6.3, Error ellipse: s-maj=34.5km s-min=19.5km az=62.0

ISC 04 11:02:31.3;1.0, 44.55S;0.1x37.3E;0.2, h10km, n17, c073/9, mb3.7/6, MS3.5/6, Prince Edward Islands region

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like SUR Sutherland, BOSA Boshof, etc.

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like TSUM Tsumeb, SNAA Sanaa, QSPA South Pole Qui, etc.

ISC/JB 04 11:11:03.0;0.7, 23.86N;0.05x141.9E;0.2, h80km, mb3.8/15, Error ellipse: s-maj=21.9km s-min=6.4km az=10.1

IDC 04 11:11:05.5;2.2, 23.89N;141.88E, h83km, 19km, mb3.5/14, mb1.3/6/16, mb1mx3.5/6/9, mbtmp3.9/16, MS3.0/1, M3.1/3.0/1, ms1mx2.4/5/3, Error ellipse: s-maj=26.2km s-min=13.1km az=89.0

JMA 04 11:11:07.3;2.4;0.2N;142.21E, h66km, M4.5, ISC 04 11:11:05.0;0.8, 23.88N;0.08x141.9E;0.2, h80km, n26, s=1802/22, mb4.0/15, Volcan Islands region

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like JHHJ Haha-jima-NKT, CBJJ Chichi jima, etc.

DJA 04 11:14:52.0;0.4, 0.0S;2.120E; h10km, M4.0/10, ML4.0/10, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like PCI Palu, MPPI Mapaga, etc.

NEIC 04 11:57:50.0, 19.62N;64.21W, h63km, MD3.6(RSPR), After RSPR, RSPR 04 11:57:50.0, 19.62N;64.21W, h63km, 2km, MD3.5/6, 18C-4D, Virgin Islands

Table with columns: Code, Station Name, Time, Res, ISC, Op, Phase ID, h, m, s, ISC. Includes stations like ABV Anegada, TBVI Tortola, etc.

IDC 04 11:37:05.2;1.2, 18.95N;63.65W, h0km, mb3.8/10, mb1.4/1/12, mb1mx3.8/6/6, mbtmp3.8/12, ML3.3/2, MS3.0/2

M51 3.0/2.ms1mx2.6/58, Error ellipse: s-maj=29.0km s-min=19.7km az=53.0

RSPPR 04 11:37:11.6, 19.75N:64.16W, h57km, MD4.0/14

NEIC 04 11:37:11.6, 0.0, 19.75N:64.16W, h57km, MD4.0(RSPR), After RSPR.

ISCJCB 04 11:37:13.4, 0.5, 19.60N:0.03:64.34W:0.04, h27km, mb3.9/11, MS3.4/1, Error ellipse: s-maj=5.6km

s-min=4.7km az=1.4

ISC 04 11:37:15.2, 0.7, 19.49N:0.05:64.39W:0.04, h27km, n62, e178/69, mb3.8/11, 22C-6D, Virgin Islands

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

IDC 04 11:38:13.6, 0.4, 10.80S:113.93E, h0km, mb4.4/33, mb1.4/37, mb1mx4.4/66, mbtmp4.4/37, ML4.5/4, MS3.6/12, M51.3.6/12, ms1mx3.2/62, Error ellipse: s-maj=12.3km s-min=10.9km az=59.0

NEIC 04 11:38:14.9, 1.5, 10.79S:113.90E, h22km, mb4.8/29, Error ellipse: s-maj=11.9km s-min=8.5km az=118.9

ISCJCB 04 11:38:16.6, 0.2, 10.88S:0.03:113.84E:0.03, h33km, mb4.5/66, MS3.7/13, Error ellipse: s-maj=4.5km

s-min=3.6km az=1.4

BJJ 04 11:38:17.7, 10.90S:113.80E, h31km, mb4.7/26, mb5.1/16, Ms4.5/7, Ms7.4/37

DJA 04 11:38:18.0, 1.0, 11.57S:114.4E, h37km, 36gkm, M5.0/20, mb5.4/2, mb5.0/5, MLV4.9/20, Mw(mb)4.8/2

ISC 04 11:38:18.5, 0.3, 10.92S:0.05:113.93E:0.04, h35km, n178, e154/163, mb4.5/66, MS3.5/13, 5C-1D, South of Jawa

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

Main table with columns: Code, Station Name, Az, Az', Op, Phase, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their parameters.

Main table with columns: Code, Station Name, Az, Az', Op, Phase, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their parameters.

Table with columns: LTX, JCT, P42A, MOQ, V40A, T2A2, MIAR, WWT, OXF, VSLA, TKL, LRAL, CMIG, 250A, LPAZ. Includes station names, coordinates, and other data.

KRSC 04 11:47:09.8±0.53:75N:160:93E, h40km, 13km, ML4.3
ISCJB 04 11:47:11.7±0.4, 53:75N:0:03:160:89E:0:06, h42km, 7km, mb3.7/10, Error ellipse: s-maj=7.3km s-min=2.5km az=35.7

MOS 04 11:47:11.7±0.4, 53:74N:160:92E, h38km, mb4.1/4, Error ellipse: s-maj=8.7km s-min=4.1km az=76.0
IDC 04 11:47:15.9±2.0, 54:12N:160:31E, h69km, 22km, mb3.4/10, mb1 3.6/10, mb1mx3.3/8.1, mbtmp3.7/10, Error ellipse: s-maj=24.4km s-min=16.9

ISC 04 11:47:12.3±0.8, 53:77N:160:84E:0:04, h40km, 9km, n109, s125/148, mb3.5/10, Near east coast of Kamchatka Peninsula

Main table for 4d 12h section, listing station names, coordinates, and various parameters for numerous stations.

Table with columns: KBTR, KBG, BDR, BDR, SMKR, MIPR, MIPR, SRKR, SRKR, BKI, BKI, PAU, PAU, PAU, SKR, PALN, PALN, PALN, OSSLR, ILAR, ILAR, ILAR, INK, H1N2, H1N3, H1N1, H1S1, H1S3, H1S2, YKA, YKA, ZALV, SPITS, MKAR, BVAR, NVAR, TXAR, WRA, IDC 04 11:48:05.2±0.9, 10:79S:113:90E, h0km, mb3.9/9, mb1 4.0/10, mb1mx3.7/6.1, mbtmp3.9/10, ML3.4/1, Error ellipse: s-maj=44.6km s-min=16.4km az=54.0

ISCJB 04 11:48:07.8±0.6, 10:90S:0:06:113:82E:0:06, h33km, mb3.9/9, Error ellipse: s-maj=8.9km s-min=7.1km az=139.6

DJA 04 11:48:08.0±0.7, 11:56S:114:4E:1, h10km, M4.3/15, MLV4.3/15

ISC 04 11:48:09.7±0.7, 10:92S:113:88E:0:06, h35km, n26, s158/24, mb3.9/9, South of Jawa

Main table for 2012 SEP section, listing station names, coordinates, and various parameters for numerous stations.

M4.7/58, M5.7 4.4/56
GCMT 04 12:07:27.6±0.2, 10:96S:0:01:113:83E:0:02, h12km, MW5.1/109, Moment Tensor, Solution, s60, c80; s109, c179; Duration: 0 Moment Tensor: Scale 10^16Nm; Mm-5.41±10; Mm0.5:06±08; Mm0.35±12; Mm0.32±27; Mm0.1:69±08; Mm0.07±36; Best double couple: M6.43800x10^16 NP1:0.281.00000, s61.00000, 7-97.00000, NP2:0.115.00000, s63.00000, 7-78.00000; Principal axes: T 6.4950, P15.0000; Azm 16.0000; N -0.1080, Pkg 0.0000; Azm284.0000; P -6.3810, Pkg3.0000; Azm174.0000; nst1 refers to surface waves, cutoff=50s; nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 04 12:07:28.2±0.9, 10:69S:113:89E, h33km, mb5.2/5, MS4.1/16 Error ellipse: s-maj=9.0km s-min=5.6km az=116.5

ISC 04 12:07:28.6±0.4, 10:80S:0:03:113:85E:0:04, h28km, 2km, h28km, 2km, n144/85, s144/85, mb5.0/139, MS4.3/60, 9C-7D,

Main table for 2012 SEP section, listing station names, coordinates, and various parameters for numerous stations.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like G40A Rib Lake, E41A Champion, F42A Three Lakes, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like N46A Decatur, P46A Roseale, S43A Fulton Ridge, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like S48A Wiedeman Farm, Q50A Georgetown, 142A Monroe, etc.

JSC	baz=185,SNR=25 Jenkinsville 17.78 12 ePn	Pn	12 17 03.3 -0.4	U40A	Yellville baz=160 20.43 343 P	P	12 17 33.8 +0.6	P42A	Winchester 24nm,1.1s 23.00 351 eP	P	12 18 01.6 +0.9
X45A	UM Field Stati baz=162,SNR=23 17.80 350 P	Pn	12 17 03.5 -0.3	T43A	Greenville baz=167,SNR=20 20.55 349 P	P	12 17 35.8 +1.3	P42A	Winchester baz=168 23.00 351 P	P	12 18 00.6 -0.1
X46A	Booneville baz=170 17.81 352 P	Pn	12 17 03.6 -0.3	U39A	Green Forest baz=158 20.64 342 P	P	12 17 35.0 -0.4	Q38A	Cooks Store, C baz=160 23.08 344 P	P	12 18 02.3 +0.8
OXF	Oxford 72nm,0.9s 17.89 350 ePn	Pn	12 17 05.0 +0.2	T42A	Van Buren 15nm,0.8s 20.65 348 eP	P	12 17 36.6 +1.0	MNTX	Cornudas Mount 16nm,0.9s 23.20 313 eP	P	12 18 03.1 +0.3
OXF	Oxford baz=168,SNR=8.3 17.89 350 P	Pn	12 17 03.8 -1.0	T42A	Van Buren baz=165,SNR=6.6 20.65 348 P	P	12 17 36.6 +1.0	MNTX	Cornudas Mount baz=165,SNR=27 23.20 313 P	P	12 18 03.2 +0.3
X44A	Crenshaw baz=166 18.01 348 P	Pn	12 17 05.0 -1.4	LTX	Lajitas 20.66 310 eP	P	12 17 37.6 +1.7	P41A	Barry, Barry baz=166 23.25 347 eP	P	12 18 04.4 +0.6
AOPR	Arcelbio Observ 23nm,1.2s 18.09 83 ePn	Pn	12 17 11.9 +4.2	TXAR	Lajitas Array P 12nm,0.9s, baz=127,slow=10,SNR=101 20.66 310 S	S	12 17 37.6 +1.7	P40A	Paris 11nm,0.9s 23.25 347 eP	P	12 18 04.6 +1.3
PLAL	Pickwick Lake 21nm,0.8s 18.17 354 ePn	P	12 17 09.8 +1.4	TXAR	1.8nm,0.8s, baz=132,slow=26,SNR=4.8 LR	LR	12 27 53.7	P40A	Paris baz=164 23.25 347 P	P	12 18 03.7 +0.4
W49A	Belvidere baz=178,SNR=7.1 18.18 358 P	Pn	12 17 07.7 -0.8	TX31	comp=Z,48nm,20.3s, baz=0.0,slow=43 Lajitas, Ar. Si 20.66 310 eP	P	12 17 37.5 +1.7	O50A	Cable baz=165 23.26 4 P	P	12 18 02.2 -1.2
PAULI	Pauline 22nm,1.3s 18.21 10 ePn	Pn	12 17 09.1 +0.2	S47A	Hartford baz=176 20.67 357 P	P	12 17 35.8 0.0	O49A	Covington 23nm,1.1s 23.26 3 eP	P	12 18 04.1 +0.7
BG3	Lake Jocassee 25nm,0.9s 18.21 7 ePn	Pn	12 17 08.6 -0.3	S48A	Wiedeman Farm, baz=179 20.71 359 P	P	12 17 36.2 0.0	O49A	Covington baz=183 23.26 3 eP	P	12 18 03.6 +0.3
W52A	Murphy baz=185 18.21 5 Pn	Pn	12 17 07.9 -1.1	SS1A	Beattyville 23nm,0.8s 20.77 5 eP	P	12 17 37.5 +0.6	MCWV	Mont Chateau 20nm,0.9s 23.26 11 eP	P	12 18 03.6 +0.3
W48A	Pulaski baz=176 18.23 357 P	Pn	12 17 07.9 -1.2	SS1A	Beattyville baz=185,SNR=5.1 20.77 5 P	P	12 17 37.2 +0.3	MCWV	Mont Chateau baz=194 23.26 11 P	P	12 18 01.9 -1.5
W51A	Cleveland baz=182,SNR=12 18.23 2 Pn	Pn	12 17 07.0 -2.2	BLA	Blacksburg 20.79 12 eP	P	12 17 37.9 +0.8	O47A	Sheridan baz=183 23.29 359 P	P	12 18 02.6 -0.9
W50A	Signal Mountai 34nm,1.1s 18.26 1 ePn	Pn	12 17 09.2 -0.3	BLA	Blacksburg baz=194 20.79 12 P	P	12 17 37.1 0.0	O48A	Ferland baz=181,SNR=7.5 23.31 1 P	P	12 18 03.8 0.0
W50A	Signal Mountai baz=181,SNR=15 18.26 1 Pn	Pn	12 17 08.0 -1.5	T41A	Mountain View 20.81 346 P	P	12 17 37.1 -0.2	O51A	Pataskala baz=183 23.34 6 P	P	12 18 04.3 +0.1
SWET	Sewanee 13nm,1.0s 18.27 359 ePn	P	12 17 09.5 -0.2	S46A	Don Dixon Farm baz=174 20.81 355 P	P	12 17 37.2 -0.2	ACSO	Alum Creek Sta 17nm,0.9s 23.39 5 eP	P	12 18 05.5 +0.8
W46A	Michie baz=171,SNR=13 18.35 353 P	P	12 17 09.5 -1.0	S49A	Springfield 20.84 1 P	P	12 17 37.4 -0.2	ACSO	Alum Creek Sta baz=185 23.39 5 P	P	12 18 05.0 +0.4
W53A	Cullowhee baz=187,SNR=19 18.36 7 P	P	12 17 09.4 -1.3	S44A	Carbondale baz=170,SNR=5.1 20.98 352 P	P	12 17 39.8 +0.6	O52A	Adamsville 40nm,1.4s 23.40 7 P	P	12 18 05.4 +0.7
W47A	Westpoint baz=174,SNR=8.5 18.39 355 P	P	12 17 10.0 -0.9	S43A	Fulton Ridge, baz=168,SNR=6.2 20.99 350 P	P	12 17 39.7 +0.5	O52A	Adamsville baz=189 23.40 7 P	P	12 18 04.1 -0.6
WHTX	Lake Whitney, 95nm,0.8s 18.47 327 P	Pn	12 17 13.2 +1.1	SIUC	Southern Illin 63nm,0.9s 21.00 352 eP	P	12 17 40.5 +1.1	SFIN	Lafayette 20nm,1.1s 23.46 357 eP	P	12 18 04.9 -0.3
WHTX	Lake Whitney, baz=142,SNR=23 18.47 327 P	P	12 17 11.2 -0.6	HPIG	26nm,1.1s 21.06 302 eP	P	12 17 41.6 +1.3	P38A	Dawn 13nm,0.8s 23.69 345 eP	P	12 18 08.4 +0.9
W45A	Hickory Valley baz=169 18.48 351 P	P	12 17 11.4 -0.6	USIN	University of 52nm,0.9s 21.09 356 eP	P	12 17 41.2 +0.9	P38A	Dawn baz=161 23.69 345 P	P	12 18 08.1 +0.6
CPCT	Cooper Cave 23nm,1.0s 18.53 3 ePn	Pn	12 17 12.5 0.0	T39A	Cleaver baz=159 21.20 343 P	P	12 17 41.8 +0.2	SDMD	Soldier's Deli 20nm,1.1s 23.74 17 eP	P	12 18 09.2 +1.3
KMSC	Kings Mountain 35nm,0.8s 18.60 11 eP	Pn	12 17 13.8 +0.1	WCI	Wyandotte Cave baz=178 21.29 359 eP	P	12 17 42.6 +0.2	SLBS	Sierra La Lagu 23.74 291 eP	P	12 18 09.9 +1.6
KMSC	Kings Mountain baz=193 18.60 11 P	P	12 17 11.6 -1.6	WCI	Wyandotte Cave baz=178 21.29 359 P	P	12 17 42.9 +0.4	O40A	La Belle baz=165 23.79 348 P	P	12 18 08.8 +0.3
SJG	San Juan comp=Z,238nm,21.2s, baz=262,slow=35 18.65 83 LR	LR	12 23 41.2	S42A	Caledonia baz=166 21.30 349 P	P	12 17 42.9 +0.2	N48A	Decatur baz=181 23.91 1 P	P	12 18 09.7 +0.1
X40A	Basin Creek Fa 8.3nm,1.0s 18.68 341 eP	Pn	12 17 16.5 +1.8	WMOK	Wichita Mounta 26nm,0.9s 21.32 329 eP	P	12 17 44.0 +1.2	N50A	Nevada baz=186,SNR=7.7 23.92 5 P	P	12 18 10.3 +0.7
JCT	Junction City 35nm,0.8s 18.71 319 eP	Pn	12 17 15.6 +0.5	WMOK	Wichita Mounta baz=143,SNR=16 21.32 329 P	P	12 17 43.4 +0.6	N44A	Piper City baz=174 23.94 355 P	P	12 18 09.9 +0.1
JCT	Junction City 18.71 319 P	P	12 17 15.3 +0.7	S41A	Jirco Farms, baz=163 21.32 347 P	P	12 17 43.1 +0.2	N45A	Kentland baz=175 23.95 357 P	P	12 18 10.4 +0.5
V50A	Pikeville baz=181 18.73 1 P	P	12 17 14.6 -0.1	R46A	Gibson Southern baz=175 21.32 356 P	P	12 17 42.7 -0.1	O56A	Blue Knob Stat 22nm,1.1s 24.11 13 eP	P	12 18 13.1 +1.5
TKL	Tuckaleechee C 18.79 5 P	P	12 17 15.3 0.0	R49A	Shelbyville 21.34 1 P	P	12 17 43.1 +0.1	O56A	Blue Knob Stat baz=197,SNR=5.8 24.11 13 P	P	12 18 12.4 +0.9
TKL	0.9nm,0.3s, baz=8.1, slow=8.2, SNR=1.1 S	Sn	12 20 31.1 -1.4	R47A	Wooly Knot Far baz=177,SNR=7.8 21.36 358 P	P	12 17 43.3 +0.1	N51A	Ashland 54nm,1.1s 24.13 6 eP	P	12 18 12.9 +1.2
TKL	0.9nm,0.3s, baz=8.1, slow=8.2, SNR=1.1 LR	LR	12 24 00.3	R50A	Paris baz=183,SNR=10 21.36 3 P	P	12 17 43.7 +0.4	N51A	Ashland baz=187 24.13 6 P	P	12 18 12.2 +0.5
TKL	comp=Z,76nm,21.1s, baz=196,slow=36 Tuckaleechee C 18.79 5 eP	P	12 17 15.5 +0.2	R48A	Northridge Ran baz=179 21.45 360 P	P	12 17 44.8 +0.7	LPIG	La Paz comp=Z,199nm,18.0s, baz=112,slow=39 24.17 352 P	P	12 28 46.9
UALR	University of 12nm,1.0s 18.81 343 eP	Pn	12 17 16.0 +0.5	R45A	Skyler, Fairir baz=173,SNR=5.2 21.46 354 P	P	12 17 45.0 +0.6	N42A	Yates City baz=170 24.16 291 LR	LR	12 18 12.7 +0.7
V49A	McMinnville baz=179,SNR=5.8 18.82 359 P	P	12 17 15.3 -0.4	R44A	Watsonville baz=171,SNR=0.1 21.51 353 P	P	12 17 45.2 +0.4	N54A	Moraine State 24.50 10 P	P	12 18 15.6 +0.6
V48A	Smith Brothers 22nm,0.8s 18.82 357 eP	P	12 17 16.3 +0.6	S40A	Lebanon baz=162 21.51 345 P	P	12 17 44.7 -0.2	PAGS	Pennsylvania G 20nm,0.6s 24.53 17 eP	P	12 18 16.9 +1.6
V48A	Smith Brothers baz=176,SNR=8.9 18.82 357 P	P	12 17 17.5 0.0	R52A	Callettsburg baz=198 21.55 6 P	P	12 17 44.1 -1.1	M50A	Fremont 30nm,0.8s 24.55 5 eP	P	12 18 16.6 +1.1
V51A	Loudon 24nm,0.9s 18.89 3 eP	Pn	12 17 17.2 0.0	R43A	Red Bud baz=169,SNR=5.6 21.65 351 P	P	12 17 47.4 +1.0	M50A	Fremont baz=186 24.55 5 P	P	12 18 16.4 +0.9
V51A	Loudon baz=184,SNR=11 18.89 3 P	P	12 17 16.5 0.0	CCM	Cathedral Cave 24nm,0.7s 21.67 348 eP	P	12 17 48.2 +1.7	M51A	Elyria baz=188 24.56 6 P	P	12 18 16.3 +0.7
V53A	Saluda 23nm,0.9s 18.89 7 eP	P	12 17 16.8 +0.3	CCM	Cathedral Cave baz=165 21.67 348 P	P	12 17 47.8 +1.3	M49A	Liberty Center baz=184 24.56 3 P	P	12 18 16.5 +0.9
V53A	Saluda 23nm,0.9s 18.89 7 P	P	12 17 16.4 -0.1	R42A	Luebbering 21.80 349 P	P	12 17 49.2 +1.3	SSPA	Standing Stone 20nm,1.0s 24.62 14 eP	P	12 18 17.5 +1.4
V47A	Nunnally baz=174,SNR=12 18.95 355 P	P	12 17 17.0 -0.1	S39A	Bolivar 10nm,1.0s 21.81 343 eP	P	12 17 50.0 +2.0	SSPA	Standing Stone baz=198 24.62 14 P	P	12 18 17.1 +1.0
V46A	Holladay baz=172,SNR=7.5 18.98 354 P	P	12 17 16.1 -1.2	S39A	Bolivar baz=180 21.81 343 P	P	12 17 48.9 +0.9	N39A	Derby Farms, D 18nm,1.3s 24.64 347 eP	P	12 18 17.9 +1.6
V52A	Sevierville 13nm,0.8s 18.98 5 eP	P	12 17 18.1 +0.6	S38A	Stockton baz=158 21.92 342 P	P	12 17 50.1 +0.9	N38A	Joes South For baz=161 24.72 346 P	P	12 18 17.4 +0.3
V52A	Sevierville baz=185,SNR=7.3 18.98 5 P	P	12 17 16.7 -0.8	R41A	Rosebud baz=165,SNR=5.5 21.94 4 P	P	12 17 49.4 +0.1	ATAH	Atahualpa comp=Z,130nm,18.6s, baz=285,slow=34 24.91 163 LR	LR	12 27 10.4
V45A	Humboldt baz=170 19.02 352 P	P	12 17 17.4 -0.5	Q50A	Georgetown baz=154 21.94 4 P	P	12 17 49.7 +0.3	N37A	Lee Faris, Mou baz=182 24.93 344 P	P	12 18 20.1 +1.2
X39A	Fountain Ranch baz=154 19.13 338 Pn	Pn	12 17 21.0 +1.0	Q48A	North Vernon baz=180 21.98 360 P	P	12 17 48.9 -0.9	L48A	N Adams 25.01 2 P	P	12 18 19.5 -0.1
W41B	Gary Mavity, V 17nm,0.9s 19.15 343 eP	Pn	12 17 21.3 +1.0	Q47A	Bedord North L baz=178 21.99 358 P	P	12 17 49.3 -0.7	L47A	Sherwood baz=181 25.02 1 P	P	12 18 21.2 +1.4
W41B	Gary Mavity, V baz=160 19.15 343 P	P	12 17 20.0 +0.8	Q45A	Warren Harvey, baz=173 21.95 355 P	P	12 17 50.7 +0.1	M54A	Oil Creek Stat 30nm,1.1s 25.09 11 eP	P	12 18 22.0 +1.7
WHAR	Woolly Hollow 23nm,1.1s 19.27 343 eP	Pn	12 17 21.9 +0.1	Q49A	Aurora baz=182 22.06 2 P	P	12 17 50.4 -0.3	M54A	Oil Creek Stat baz=193 25.09 11 P	P	12 18 21.6 +1.3
WVT	Waverly 33nm,1.1s 19.28 355 eP	P	12 17 21.5 +0.8	R40A	Maddies Statio 12nm,0.8s 22.11 346 eP	P	12 17 52.7 +1.4	CBKS	Cedar Bluff baz=146 25.09 333 P	P	12 18 21.6 +1.1
WVT	Waverly baz=173 19.28 355 P	P	12 17 21.2 +0.5	R40A	Maddies Statio baz=163 22.11 346 P	P	12 17 52.2 +0.9	M39A	Webster baz=165 25.16 348 P	P	12 18 22.0 +1.0
U50A	Jamestown baz=182,SNR=45 19.48 2 P	P	12 17 23.2 +0.2	Q44A	Meyer Farm, Va baz=171 22.15 353 P	P	12 17 52.3 +0.7	L49A	Milan baz=194 25.21 3 P	P	12 18 21.9 +0.5
U51A	La Follette baz=184,SNR=7.6 19.49 4 P	P	12 17 23.5 +0.5	Q51A	Peebles 77nm,1.0s 22.17 5 eP	P	12 17 52.5 +0.6	L42A	Oliver, Polo 12nm,1.0s 25.28 353 eP	P	12 18 23.1 +1.0
V42A	Cord baz=163 19.54 346 P	P	12 17 23.2 -0.2	Q51A	Peebles baz=186,SNR=19 22.17 5 P	P	12 17 52.2 +0.3	L42A	Oliver, Polo baz=171 25.28 353 P	P	12 18 22.8 +0.7
U46A	Springville baz=175 19.54 354 P	P	12 17 23.4 0.0	Q52A	Bidwell baz=188,SNR=9.1 22.21 7 P	P	12 17 52.2 -0.1	121A	Cookes Peak, D baz=122,SNR=21 25.36 312 P	P	12 18 24.9 +1.7
U47A	Clarksville baz=175 19.55 356 P	P	12 17 23.5 0.0	BLO	Bloomington 40nm,1.1s 22.23 358 eP	P	12 17 53.0 +0.5	N59A	State Game Lan baz=202 25.44 18 P	P	12 18 25.5 +1.9
U52A	Thorn Hill baz=186,SNR=5.1 19.55 6 P	P	12 17 23.9 +0.3	Q43A	New Douglas baz=170 22.27 352 P	P	12 17 52.4 -0.5	L41A	Preston baz=189 25.46 352 P	P	12 18 24.5 +0.8
U49A	Red Boiling Sp baz=179 19.57 360 P	P	12 17 23.7 0.0	R39A	Chumby, Stover baz=161 22.32 345 P	P	12 17 53.4 -0.2				

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GNI, GROC, NRK, MATP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, and other technical details. Includes stations like M54A, WCI, BINY, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HHC, HHC, HHC, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, SOEI Soe, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like SGST Jiashian, SGST baz-22, SLGT Liugui, etc.

BUI 04 13:42:09.5, 10.80s, 113.90E, h10km, mb4.7/18, mB5.0/13, Ms4.4/3, Ms7.4/3/3
IDC 04 13:42:09.8, 0.4, 10.79s, 113.91E, h0km, mb4.5/32, mb1.4/6.35, mb1mx4.5/6.1, mbmp4.5/35, ML4.3/3, MS3.7/4, Ms1.3/7.4, ms1mx3.2/55, Error ellipse: s-maj=13.7km s-min=10.6km az=57.0
MOS 04 13:42:11.8, 1.0, 10.75s, 113.87E, h27km, mb5.0/21, Error ellipse: s-maj=17.4km s-min=7.4km az=118.1
NEIC 04 13:42:12.3, 1.6, 10.82S, 113.88E, h18km, 9km, mb4.7/29, Error ellipse: s-maj=6.1km s-min=3.5km az=221.0
ISCBJ 04 13:42:13.0, 0.2, 10.79S, 113.84E, 0.03, h33km, mb4.5/65, Error ellipse: s-maj=4.1km s-min=3.2km az=138.2
DJA 04 13:42:14.0, 0.9, 11.1s, 10.1x11.4E, h17km, 15km, M4.8/8, MLv4.8/8
ISC 04 13:42:14.9, 0.3, 10.82S, 0.05, 113.87E, 0.04, h35km, n221, e1332/224, mb4.6/65, 4C-1D, South of Jawa

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JAGI Jagag, JAGI Jagag, IGBI Denpasar, etc.

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like SBUM Sibiu, FITZ Fitzroy Crossi, KNRA Kununurra, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, USRK Ussuriysk Arr, NIL Nilore, etc.

4d 15h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like Lion Creek, East Wray Mesa, Skein Mesa, Colim, etc.

DJA 04 15:02:21.6:0.8, 11°S 181°11'41"E, h79km, 69km, M3.6/8, ML3.6/8, South of Jawa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like JAGI, JAGI, GMJI, GMJI, etc.

DJA 04 15:08:17.9:6.5, 1°S 5°11'8"E, h25km, 62km, M3.6/6, ML3.6/6, Sulawesi

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like PCI, PALU, MPSP, MAPAGA, etc.

ISC 04 15:08:51.9:0.5, 10.75°N 126.78°E, h0km, mb4.1/23, mb1 4.2/23, mb1mx4.1/63, mbtmp4.1/23, Error ellipse: s-maj=25.6km s-min=11.5km az=78.0

ISCJB 04 15:08:55.2:0.3, 10.77°N 126.78°E, h0km, mb4.0/33, mb4.2/33, MS4.1/17, Error ellipse: s-maj=6.9km s-min=5.3km az=140.9

NEIC 04 15:08:57.2:0.3, 10.84°N 126.97°E, h35km, mb4.5/8, Error ellipse: s-maj=13.3km s-min=6.5km az=83.0

ISC 04 15:08:57.4:0.5, 10.83°N 126.84°E, h35km, n56, s154/61, mb4.4/33, 2C, Philippine Islands region

Main table for the first section, listing station codes, names, azimuths, phase IDs, times, and residuals. Includes stations like PALU, BUTP, OCLP, etc.

2012 SEP

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KK31, KARATAY, KARATAY, etc.

ISCJB 04 15:09:31.6:1.4, 23°04'N 103°05'45"E, h10km, Error ellipse: s-maj=10.9km s-min=6.0km az=39.7

PLV 04 15:09:32.8:2.3, 23°04'N 103°48'E, h7km, 17km, ML3.2

ISC 04 15:09:32.6:1.7, 23°14'N 109°103'40"E, h0.05, h10km, n22, s179/27, Yunnan

Main table for the second section, listing station codes, names, azimuths, phase IDs, times, and residuals. Includes stations like Sa-pa, Sa-pa, Sa-pa, etc.

270

ISC 04 15:11:14.0:2.0, 10.66°N 103.126°E, h0.04, h39km, 2km, h40km, p-P, n937, s147/968, mb5.5/263, MS4.8/123, 48C-2D, Philippine Islands region

Main table for the third section, listing station codes, names, azimuths, phase IDs, times, and residuals. Includes stations like BESP, BORONGAN, PALU, etc.

GUMO	comp=Z,3um,15.1s	17.91	79	P	Pn	15 15 19.4	-0.9
GUMO	comp=Z,0.8nm,0.3s,baz=278,slow=10,SNR=5.7			LR	LR	15 20	38.0
GUMO	comp=Z,1um,21.1s,baz=255,slow=32	17.91	79	ePn	Pn	15 15	20.4 0.0
GUMO	comp=Z,638nm,1.8s	17.91	79	eP	Pn	15 15	20.4 0.0
GUMO	comp=Z,637nm,1.8s			pmax	pmax		
QIZ	Qiongzhong	18.37	299	P	P	15 15	25.6 -0.1
QIZ				S	Sn	15 18	50.6 +0.4
QIZ	comp=Z,1um,12.8s			LR	LR		
QIZ	comp=Z,1um,16.1s			LR	LR		
QIZ	comp=Z,2um,15.3s			LR	LR		
STKI	Sintang	18.51	236	P	Pn	15 15	30.1 +2.3
KSM	Kuching	18.75	242	eP	Pn	15 15	30.2 -0.4
JAY	Jayapura	19.05	133	P	P	15 15	31.8 -1.5
JAY	comp=Z,0.7nm,0.3s,baz=282,slow=5.4,SNR=8.7			LR	LR	15 22	36.3
JAY	comp=Z,2um,20.0s,baz=326,slow=36			Pn	Pn	15 15	34.5 +0.2
SAUI	Jayapura	19.05	133	P	P	15 15	33.4 +0.2
SAUI	Saumlaki	19.06	166	eP	P	15 15	35.8 +0.5
ANA2	comp=Z,676nm,1.4s	19.23	71	eP	P	15 15	42.2 +0.2
ANA2	Anatahan	19.23	71	eP	P	15 15	40.0 -0.3
MMRI	Maumere	19.70	193	P	Pn	15 15	40.0 -0.3
MMRI	Maumere	19.70	193	eP	P	15 15	43.7 +0.6
EDFI	Ende, Flores	19.94	195	P	P	15 15	45.7 -0.7
PBKI	Pangkalan Bun	20.07	229	P	Pn	15 15	45.9 -1.3
SOEI	Soe	20.44	187	P	P	15 15	48.3 -0.2
SOEI	Soe	20.44	187	eP	P	15 15	44.2 +0.1
BATI	Baumata	20.96	189	P	P	15 15	53.1 -1.0
BATI	comp=Z,495nm,1.0s			P	P	15 15	55.8 -1.1
BATI	comp=Z,28nm,1.0s,baz=124,slow=22,SNR=3.5			S	S	15 19	47.0 +1.3
BATI	Baumata	20.96	189	P	Pn	15 15	53.1 -1.0
SSE	Sheshta	20.99	346	S	Pn	15 15	46.6 +0.7
SSE				S	S	15 19	46.6 +0.7
SSE	comp=Z,31nm,1.2s			pmax	pmax		
SSE	comp=Z,710nm,13.1s			LR	LR		
SSE	comp=Z,600nm,12.3s			LR	LR		
CBJ	Chichi jima	21.85	39	eP	P	15 16	03.9 +0.5
CBJ	comp=Z,298nm,1.1s			P	P	15 16	04.2 +0.7
CJ	Chichijima	21.85	39	eP	P	15 16	11.1 +0.5
NJ2	Nanjing	22.52	342	eP	P	15 16	20.2 -0.3
NJ2	comp=Z,82nm,0.6s,baz=254,slow=5.3,SNR=11			P	P	15 16	24.8 -0.7
NJ2				pP	pP	15 20	13.0 -2.1
NJ2				sP	sP	15 20	26.6 -3.2
NJ2				S	S	15 20	26.6 -3.2
NJ2	comp=Z,1um,4.3s			pmax	pmax		
NJ2	comp=Z,2um,11.7s			LR	LR		
NJ2	comp=Z,890nm,11.9s			LR	LR		
NJ2	comp=Z,1um,12.5s			LR	LR		
JNU	Nakatsue	22.67	9	P	P	15 16	12.1 -0.2
JNU	comp=Z,14nm,0.8s,baz=131,slow=1.8,SNR=8.0			P	P	15 16	12.2 0.0
JNU	Nakatsue	22.67	9	eP	P	15 16	13.1 -0.6
JAGI	Jajag, Banyuwana	22.79	214	eP	P	15 16	15.4 +0.6
JAGI	comp=Z,304nm,1.4s			P	P	15 16	15.4 +0.6
WHN	Wuhan	22.92	331	UP	S	15 16	28.3 +6.2
WHN	comp=Z,191nm,1.8s			S	S	15 16	28.3 +6.2
WHN	comp=Z,220nm,1.0s			pmax	pmax		
WHN	comp=Z,2um,4.4s			pmax	pmax		
WHN	comp=Z,4um,19.9s			LR	LR		
WHN	comp=Z,3um,15.5s			LR	LR		
WHN	comp=Z,3um,13.5s			LR	LR		
MTN	Manton Dam	23.75	169	P	P	15 16	22.1 -0.9
MTN	comp=Z,24,SNR=55			P	P	15 16	21.1 -1.9
MTN	Manton Dam	23.75	169	eP	P	15 16	22.7 -1.4
KDU	Kakadu	23.87	166	P	P	15 16	24.1 -1.1
KDU	comp=Z,163nm,0.8s			P	P	15 16	24.0 -1.8
KDU	Kakadu	23.87	166	P	P	15 16	23.0 -0.6
KDU	comp=Z,0.6nm,0.9s			P	P	15 16	29.2 -0.2
KHON	Khomkaen	24.66	312	UP	P	15 16	31.6 +0.1
KHON	comp=Z,207nm,1.0s,comp=Z,721nm			pP	pP	15 16	42.0 -0.4
NONG	Nongkai	24.05	291	P	Pn	15 16	08.9 +4.6
NONG	comp=Z,2.4nm,1.1s			S	S	15 20	48.4 -2.3
SRAK	Srakaew	24.41	280	P	P	15 16	06.3 -2.3
MYKOM	Kota Tinggi	24.43	250	eP	P	15 16	46.8 +8.0
MYKOM	comp=Z,191nm,1.8s			SS	SnSn	15 21	46.8 +8.0
GYA	Guyang	24.66	312	UP	P	15 16	11.9 -0.9
GYA	comp=Z,60nm,0.9s			pmax	pmax		
GYA	comp=Z,130nm,5.0s			pmax	pmax		
GYA	comp=Z,4um,16.8s			LR	LR		
GYA	comp=Z,5um,16.7s			LR	LR		
CHAI	Chaiyaphum	24.69	285	P	P	15 16	29.9 -1.9
CHAI	comp=Z,22nm,0.8s,comp=Z,203nm			P	P	15 16	35.6 -0.1
NAYO	Nakonayok	25.13	281	P	P	15 16	35.7 -1.5
NAYO	comp=Z,1.7nm,1.1s,comp=Z,161nm			eP	P	15 16	37.8
ENH	Enshi	25.30	323	eP	P	15 16	39.8 +0.9
ENH	comp=Z,280nm,1.0s			LR	LR	15 24	37.8
ENH	comp=Z,460nm,20.0s			LR	LR		
HJH	Hachijo jima 2	25.34	26	LR	LR	15 16	39.8 +0.9
HJH	comp=Z,1um,21.5s,baz=230,slow=32			P	P	15 16	39.7 -1.7
PATY	Pattaya	25.48	278	P	P	15 16	40.3 -1.2
PATY	comp=Z,20nm,1.0s,comp=Z,915nm			P	P	15 16	39.8 -2.3
PBKT	Sadao Pong	25.76	286	eP	P	15 16	45.1 -0.6
PBKT	comp=Z,37nm,0.9s			P	P	15 16	44.0 -2.0
PBKT	Sadao Pong	25.76	286	P	P	15 16	45.0 -0.3
PBKT	comp=Z,49nm,0.9s			P	P	15 16	46.2 -1.0
LEM	Lembang	25.82	229	P	P	15 16	46.5 -1.0
LEM	comp=Z,16nm,0.8s,baz=292,slow=19,SNR=3.4			P	P	15 16	45.7 -2.2
KNRA	Kunururra	26.24	176	P	P	15 16	49.3 -0.5
KNRA	comp=Z,26,SNR=13			P	P	15 16	50.1 +0.5
IPM	Ipooh	26.28	258	eP	P	15 16	49.8 +0.2
IPM	comp=Z,465nm,2.0s			P	P	15 16	49.8 +0.2
INU	Inuyama	26.28	19	eP	P	15 16	49.8 +0.2
PHIT	Phitsanulok	26.39	287	P	P	15 16	49.8 +0.2
PHIT	comp=Z,27nm,0.8s			P	P	15 16	49.8 +0.1
KULM	Kulim	26.43	260	eP	P	15 16	49.8 +0.1
KULM	comp=Z,67nm,1.0s			P	P	15 20	13.6 +1.0
NANT	Nan	26.48	291	P	P	15 16	49.8 +0.1
NANT	comp=Z,9.7nm,0.8s			P	P	15 20	13.6 +1.0
PHET	Keang Krachan	26.68	278	P	P	15 16	49.8 +0.1
PHET	comp=Z,43nm,0.8s,comp=Z,340nm			P	P	15 20	13.6 +1.0
KS15	Wonju Array Si	26.68	2	eP	P	15 16	49.8 +0.1
KSAR	Wonju Array Be	26.68	2	P	P	15 16	49.8 +0.2
KSAR	comp=Z,22nm,0.8s,comp=Z,203nm			P	P	15 16	49.8 +0.2
KSAR	Wonju Array Be	26.68	2	P	P	15 16	49.8 +0.1
KSAR	comp=Z,2.7nm,0.8s			P	P	15 20	13.6 +1.0
KSRS	Korea Array	26.70	2	P	P	15 16	49.8 +0.1
KSRS	comp=Z,3.7nm,0.7s,baz=174,slow=11,SNR=16			P	P	15 20	13.6 +1.0
KSRS	comp=Z,1.6nm,0.7s,baz=194,slow=2.1,SNR=5.2			P	P	15 20	13.6 +1.0
INCN	Inchon	26.71	360	PFAKE	LR	15 17	00.0 +1.0
INCN	comp=Z,2um,19.0s			LR	LR		
KS01	Wonju Array Si	26.72	2	eP	P	15 16	49.4 -0.5
TRIT	Trang	26.89	266	P	P	15 16	51.9 +0.2
TRIT	comp=Z,30nm,1.1s,comp=Z,381nm			P	P	15 16	51.5 -0.1
TIA	Tai'an	26.91	343	P	S	15 21	23.5 -2.3
TIA	comp=Z,55nm,0.9s			pmax	pmax		
TIA	comp=Z,300nm,4.9s			LR	LR		
TIA	comp=Z,540nm,13.9s			LR	LR		
TIA	comp=Z,780nm,14.9s			LR	LR		
TIA	comp=Z,300nm,20.9s			LR	LR		
KMI	Kunming	26.97	305	P	P	15 16	52.5 -0.1
KMI	comp=Z,60nm,1.2s			pP	pP	15 18	58.1 -5.3
KMI	comp=Z,60nm,1.2s			S	S	15 21	29.3 +1.8
KMI	comp=Z,60nm,1.2s			pmax	pmax		
KMI	comp=Z,170nm,4.2s			LR	LR		
KMI	comp=Z,490nm,16.9s			LR	LR		
KMI	comp=Z,2um,15.5s			LR	LR		
UTHA	Uthaitani	27.07	283	P	P	15 16	52.7 -0.6
UTHA	comp=Z,7.6nm,0.9s,comp=Z,66nm			P	P	15 16	53.2 -1.1
SUKH	Sukhothai	27.19	288	P	P	15 16	54.5 -0.5
SUKH	comp=Z,10nm,0.8s			P	P	15 16	55.2 -1.0
SRDT	SRDT	27.26	281	P	P	15 16	59.3 +0.2
SRDT	comp=Z,40nm,0.8s			P	P	15 17	10.0 +1.1
LAMP	Lampang	27.40	290	P	P	15 16	58.4 -0.9
LAMP	comp=Z,7.5nm,0.9s			P	P	15 16	58.4 -0.9
UMPA	Umpang	27.71	285	P	P	15 16	58.4 -0.9
UMPA	comp=Z,9.6nm,1.1s,comp=Z,141nm			P	P	15 16	59.1 -2.5
MAJO	Matsushiro	27.76	20	PFAKE	LR	15 16	59.1 -2.5
MAJO	comp=Z,962nm,20.0s			LR	LR	15 17	00.3 -1.5
MAT	Matsushiro	27.76	20	P	P	15 17	00.3 -1.5
MAT	comp=Z,12nm,1.1s,baz=196,slow=9.9,SNR=10			S	S	15 17	00.3 -1.5
MJAR	Matsushiro Arr	27.76	20	P	P	15 17	00.3 -1.5
MJAR	comp=Z,12nm,1.1s,baz=196,slow=9.9,SNR=10			S	S	15 17	00.3 -1.5
CM01	Chiang Mai Arr	28.00	289	eP	P	15 16	59.1 -2.5
CM01	comp=Z,16nm,0.8s			eP	P	15 17	00.3 -1.5
CM31	Chiang Mai Arr	28.02	289	eP	P	15 17	00.3 -1.5
CM31	comp=Z,18nm,1.0s			P	P	15 17	00.3 -1.5
CMAR	Chiang Mai Arr	28.02	289	P	P	15 17	00.3 -1.5
CMAR	comp=Z,16nm,0.8s,baz=103,slow=7.3,SNR=77			P	P	15 17	00.3 -1.5
CMAR	comp=Z,6.5nm,0.9s,baz=66,slow=9.9,SNR=13			P	P	15 17	00.7 -1.8
CMMT	Chiang Mai	28.09	290	P	P	15 17	00.7 -1.8
CMMT	comp=Z,18nm,1.0s			P	P	15 17	00.7 -1.8
CHTO	Chiang Mai	28.10	290	eP	P	15 16	59.9 -2.6
CHTO	comp=Z,18nm,1.0s			eP	P	15 20	17.4 +1.0
CHTO	comp=Z,473nm,19.0s			LR	LR		
CHTO	Chiang Mai	28.10	290	P	P	15 16	58.1 -4.4
CHTO	comp=Z,17nm,0.9s			P	P	15 16	59.9 -2.6
CHTO	Chiang Mai	28.10	290	eP	P	15 16	59.9 -2.6
CHTO	comp=Z,18nm,1.0s			pmax	pmax		
CHTO	comp=Z,18nm,1.0s			MLR	MLR		
CHTO	comp=Z,473nm,19.0s			P	P	15 17	00.8 -1.7
CHTO	Chiang Mai	28.10	290	P	P	15 17	00.8 -1.7
CHTO	comp=Z,17nm,0.9s			P	P	15 17	03.7 +0.1
PKDT	Phuket	28.22	267	P	P	15 17	03.7 +0.1
PKDT	comp=Z,32nm,1.0s			P	P	15 17	20.0 +1.5
PMG	Port Moresby	28.42	134	PFAKE	LR	15 17	20.0 +1.5
PMG	comp=Z,546nm,20.0s			LR			

GEYT	Alibeck	66.73 307	P	P	15 22 00.9	-0.7
GYA0B	ALIBECK ARRAY	66.73 307	P	P	15 22 01.0	-0.6
AB31	Akbulak array	66.92 319	iP	P	15 22 02.3	-0.2
AB31	comp-Z,60nm,0.9s					
AKBAR	Akbulak array	66.92 319	eP	P	15 22 01.7	-0.8
RPZ	Rata Peaks	67.42 147	P	P	15 22 06.1	+0.4
URZ	Urewera	67.62 139	P	P	15 22 07.4	+0.4
BKZ	Black Stump Fm	67.75 140	eP	P	15 22 08.2	+0.2
UOSS	Minazif	68.06 293	eP	P	15 22 08.8	-1.4
UOSS	Minazif	68.06 293	P	P	15 22 08.8	-1.4
HATD	Hatta, Dubai	68.13 292	P	P	15 22 09.5	-1.2
SVE	Sverdlovsk	68.16 327	iP	P	15 22 10.6	+0.4
AKTO	Aktyubinsk	68.36 320	P	P	15 22 11.3	-0.3
ALNE	Al Ain	68.51 292	iP	P	15 22 12.0	-1.0
ASUD	Asi Ashush, Dub	68.87 292	P	P	15 22 14.0	-1.3
ARU	Arti	69.19 326	eP	P	15 22 16.2	-0.4
ARU	Arti	69.19 326	eP	P	15 22 17.0	+0.3
ARU	comp-Z,43nm,0.7s					
ARU	Arti	69.19 326	iP	P	15 22 16.8	+0.2
ARU	comp-Z,40nm,0.8s,baz=95,slow=6.8,SNR=83					
ARU	comp-Z,33nm,1.0s					
ARU	comp-Z,92nm,1.7s					
MSEY	Mahe Island	72.61 262	PFake	LR	15 22 50.0	+12
MSEY	comp-Z,648nm,21.0s					
SVW2	Sparrevohn	74.75 29	eP	P	15 22 51.2	+1.3
IM3	Indian Mountain	76.03 24	eP	P	15 22 58.2	+1.0
KDAD	Kodiak Island	76.05 33	P	P	15 22 58.2	+1.0
KDAD	comp-Z,169m,0.9s,baz=317,slow=7.2,SNR=7.9					
KDAD	Kodiak Island	76.05 33	eP	P	15 22 58.1	+0.7
KDAD	comp-Z,33nm,1.0s					
KDAD	comp-Z,327nm,22.0s					
KDAD	Kodiak Island	76.05 33	eP	P	15 22 58.1	+0.7
KDAD	comp-Z,33nm,1.0s					
KDAD	comp-Z,327nm,22.0s					
GROC	Groznij	76.24 312	eP	P	15 22 57.7	-1.1
GROC	comp-Z,33nm,1.0s					
GROC	comp-Z,327nm,22.0s					
GROC	comp-Z,126nm,1.1s					
PRGR	Permogore	76.49 331	iP	P	15 22 59.7	-0.1
PRGR	comp-Z,126nm,1.1s					
PRGR	comp-Z,126nm,1.1s					
PRGR	comp-Z,126nm,1.1s					
CAST	Castle Rocks	76.56 27	eP	P	15 23 01.1	+0.8
SKT	Skwentna	76.75 29	eP	P	15 23 01.3	-0.1
BRLL	Bradley Lake	77.00 31	eP	P	15 23 02.8	+0.1
BPWW	Bear Paw Mtn.	77.08 27	eP	P	15 23 03.8	+0.6
TBLG	Delisi	77.08 310	eP	P	15 23 03.7	+0.1
TBLG	Delisi	77.08 310	eP	P	15 23 03.7	+0.1
TBLG	Delisi	77.08 310	eP	P	15 23 03.7	+0.1
TBLG	Delisi	77.08 310	eP	P	15 23 03.7	+0.1
GNI	Garni	77.16 309	P	P	15 23 04.7	+0.4
GNI	comp-Z,27nm,1.1s,baz=119,slow=10,SNR=13					
GNI	Garni	77.16 309	eP	P	15 23 04.2	-0.1
GNI	comp-Z,126nm,1.5s					
GNI	Garni	77.16 309	P	P	15 23 05.2	+0.9
GNI	comp-Z,196nm,19.0s					
GNI	Garni	77.16 309	P	P	15 23 05.2	+0.9
GNI	comp-Z,196nm,19.0s					
GNI	Garni	77.16 309	P	P	15 23 05.2	+0.9
GNI	comp-Z,196nm,19.0s					
GNI	Garni	77.16 309	eP	P	15 23 04.9	+0.6
GNI	comp-Z,196nm,19.0s					
GNI	Garni	77.16 309	eP	P	15 23 03.9	-0.1
Manley	comp-Z,212nm,1.3s					
TRF	Thorofore Moun	77.37 27	eP	P	15 23 04.7	-0.2
COLD	Coldfoot	77.53 23	eP	P	15 23 06.7	+1.1
ZEI	Tsey	77.65 312	eP	P	15 23 05.4	-1.6
ZEI	comp-Z,95nm,0.9s					
CASY	Casey	77.66 187	eP	P	15 23 05.7	-0.5
CASY	comp-Z,72nm,0.8s					
CASY	Casey	77.66 187	eP	P	15 23 05.7	-0.5
CASY	comp-Z,72nm,0.8s					
TOLK	Toolik Lake Re	77.82 22	eP	P	15 23 07.4	+0.1
TOLK	Toolik Lake Re	77.82 22	eP	P	15 23 06.7	-0.5
TOLK	Toolik Lake Re	77.82 22	eP	P	15 23 06.7	-0.5
TOLK	Toolik Lake Re	77.82 22	eP	P	15 23 06.7	-0.5
NCK	Nalchik	77.83 312	eP	P	15 23 05.7	-2.1
NCK	comp-Z,42nm,1.0s					
PMR	Palmer	77.88 29	eP	P	15 23 07.5	-0.1
PMR	Palmer	77.88 29	eP	P	15 23 07.5	-0.1
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.8	-0.8
RAYN	comp-Z,34nm,1.1s					
RAYN	Ar Rayn	77.91 292	eP	P	15 23 07.4	-1.2
RAYN	comp-Z,34nm,1.1s					

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like Blue Knob Stat, Beattyville, Belvidere, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, and various codes. Includes stations like GRGR Grenville, IPOC Station P, Villa Florida, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, and various codes. Includes stations like INTR comp=E,400um,1.2s, PTQR Pietraquira, etc.

HEC	Hector, Ludlow	81.56	48	P	P	16 43 09.3 +1.2
WAKR	Walker	81.59	43	ep	P	16 43 09.9 +1.5
K02D	Willamette Mer	81.60	38	P	P	16 43 09.8 +1.6
GLA	Glamis	81.65	50	ep	P	16 43 10.7 +2.1
GLA	Glamis	81.65	50	P	P	16 43 10.6 +1.9
J01D	Myrtle Point	81.75	37	P	P	16 43 10.5 +1.7
BEKR	Beckworth	81.82	41	ep	P	16 43 10.8 +1.3
PNTR	Pine Nut	81.83	42	ep	P	16 43 11.1 +1.4
VCNR	Virginia City	81.92	42	ep	P	16 43 11.5 +1.4
HUMO	Hull Mountain	81.95	38	ep	P	16 43 11.8 +1.9
GMRC	Granite Mounta	82.00	48	ep	P	16 43 11.5 +1.0
YERR	Yerington	82.00	43	ep	P	16 43 11.6 +1.1
IRM	Iron Mountain	82.02	49	ep	P	16 43 12.4 +1.9
GRAC	Grapevine Rang	82.07	45	P	P	16 43 11.6 +0.9
L04D	Klamath Falls	82.09	39	P	P	16 43 12.4 +1.6
M04C	Macdoel	82.09	39	P	P	16 43 12.2 +1.4
FURC	Furnace Creek,	82.11	46	ep	P	16 43 11.9 +1.1
TUQ	Turquoise Moun	82.17	47	P	P	16 43 12.1 +0.8
SHOC	Shoshone, Teco	82.19	47	P	P	16 43 12.6 +1.3
Y12C	Blythe	82.24	49	ep	P	16 43 13.1 +1.6
Y12C	Blythe	82.24	49	ep	P	16 43 13.4 +1.8
RYN	Ryan	82.25	43	ep	P	16 43 13.0 +1.3
113A	Mohawk Valley,	82.26	50	ep	P	16 43 13.4 +1.7
NVAR	Mina Array Bea	82.27	44	P	P	16 43 13.3 +1.4
NV01	Mina Array Sit	82.28	44	ep	P	16 43 12.8 +0.9
PAHR	Pah Rah Range	82.33	42	ep	P	16 43 13.2 +1.0
NV11	Mina Array Sit	82.37	44	ep	P	16 43 13.4 +1.0
I02D	Swisshome	82.40	37	P	P	16 43 14.0 +1.9
I03D	Drain, OR	82.42	37	P	P	16 43 14.0 +1.8
HSIG		82.45	55	ep	P	16 43 13.9 +1.2
214A	Organ Pipe Nat	82.53	52	P	P	16 43 15.0 +1.8
LDFC	Landfair	82.54	48	ep	P	16 43 14.6 +1.4
K04D	Chiloquin, OR	82.66	39	P	P	16 43 15.0 +1.4
NEE2	Needles Airpor	82.71	48	P	P	16 43 15.4 +1.5
KVN	Kaiserville	82.76	43	ep	P	16 43 15.1 +0.8
TPNV	Topopah Spring	82.78	46	ep	P	16 43 15.7 +1.2
TPNV	Topopah Spring	82.78	46	ep	P	16 43 15.6 +1.2
PDNCI	Parker Dam, Lak	82.80	49	P	P	16 43 16.0 +1.6
J04D	Umpqua Nationa	82.83	38	P	P	16 43 16.4 +1.7
I04A	Tendick Farm,	83.01	37	P	P	16 43 16.6 +1.3
KLR	Kul'diar	83.02	330	P	P	16 43 16.4 +1.2
M0D	Modoc Plateau	83.08	40	ep	P	16 43 17.0 +1.9
K05A	Summer Lake	83.22	39	ep	P	16 43 18.1 +1.5
SHPR	Sheep Range	83.28	47	ep	P	16 43 18.2 +1.3
H04D	Lebanon	83.28	37	P	P	16 43 18.1 +1.5
J05D	Fort Rock, OR	83.36	38	P	P	16 43 19.0 +1.8
W13A	Hualapai Mount	83.40	48	ep	P	16 43 18.7 +1.0
Y14A	Wickentwig	83.41	50	ep	P	16 43 18.9 +1.3
H04A	Detroit Lake	83.69	37	ep	P	16 43 19.8 +1.1
PINE	Pine Lake	83.84	38	ep	P	16 43 21.1 +1.4
R11A	Troy Canyon, C	84.00	45	ep	P	16 43 21.3 +0.8
R11A	Troy Canyon, C	84.00	45	P	P	16 43 21.4 +0.8
BMN	Battle Mountai	84.11	42	ep	P	16 43 22.0 +1.1
E03A	Lebam	84.11	35	ep	P	16 43 22.2 +1.6
TUC	Tucson	84.19	52	ep	P	16 43 23.3 +1.8
TUC	Tucson	84.19	52	P	P	16 43 23.4 +1.9
WVOR	Wild Horse Val	84.39	40	ep	P	16 43 23.5 +1.2
NLWA	Neilson Lookou	84.50	34	ep	P	16 43 24.0 +1.4
G05D	Warmi OR	84.52	37	P	P	16 43 24.2 +1.5
E04D	Cinebar	84.65	35	P	P	16 43 24.9 +1.6
X16A	Lo Mia Camp, P	84.77	50	ep	P	16 43 26.1 +1.7
F05D	White Salmon	84.83	36	P	P	16 43 25.8 +1.6
LCMT	Little Creek M	84.85	47	ep	P	16 43 25.9 +1.2
G06A	Carlson Farm,	84.89	37	ep	P	16 43 25.8 +0.9
D03D	Eldon	84.99	34	P	P	16 43 25.3 +0.9
J08A	Circle Bar Ran	85.02	40	ep	P	16 43 26.4 +1.1
CCUT	Cedar City	85.05	47	ep	P	16 43 27.0 +1.2
KNB	Kanab	85.14	47	ep	P	16 43 27.3 +1.2
U15A	North Rim	85.20	48	ep	P	16 43 28.2 +1.7
PSUT	Pine Spring	85.24	45	ep	P	16 43 27.5 +0.8
SZCU	Shurtz Canyon	85.26	47	ep	P	16 43 27.5 +0.7
D05A	Enumclaw	85.36	35	ep	P	16 43 28.3 +1.6
WUAZ	Wupatki	85.37	49	ep	P	16 43 28.4 +1.1
WUAZ	Wupatki	85.37	49	ep	P	16 45 21.1 +2.5
WUAZ	Wupatki	85.37	49	ep	P	16 43 28.5 +1.1
HPIG		85.59	59	ep	P	16 43 29.6 +0.9
BBB	Bella Bella	85.59	29	P	P	16 43 28.0 +0.1
P5K1	Pink Cliffs	85.71	47	ep	P	16 43 31.0 +1.9
G08A	Pilot Rock	85.88	38	ep	P	16 43 30.5 +1.1
X18A	Snowflake	85.89	51	ep	P	16 43 31.2 +1.3
A04D	Lummi Island	85.94	33	P	P	16 43 31.0 +1.6
B05A	Bryant	85.97	34	P	P	16 43 31.0 +1.3
ENH	Enshi	85.99	305	ep	P	16 43 30.8 +0.5
ENH	Enshi	85.99	305	ep	P	16 45 22.2 +0.5
MTPU	Mount Pierson	86.10	47	ep	P	16 43 32.4 +1.4

E07A	Sunnyside	86.13	36	ep	P	16 43 32.0 +1.5
HAWA	Hanford	86.21	37	ep	P	16 43 32.1 +1.3
ZAIG	Zacwas	86.32	64	ep	P	16 43 33.7 +1.4
W18A	Petrified Fore	86.34	50	ep	P	16 43 32.5 +0.6
W18A	Petrified Fore	86.34	50	P	P	16 43 33.1 +1.1
MSU	Marysvalle	86.35	46	ep	P	16 43 33.4 +1.5
C06D	Leavenworth	86.39	35	P	P	16 43 32.7 +1.0
GYA	Guliyang	86.50	300	ep	P	16 43 33.0 +0.1
121A	Cookes Peak, D	86.52	53	P	P	16 43 34.8 +1.9
E08A	Dider Farm, El	86.53	37	ep	P	16 43 33.3 +1.0
DIV	Divide	86.56	15	ep	P	16 43 31.9 -0.3
BMO	Bliss Mountains	86.57	39	ep	P	16 43 33.3 +0.6
MFID	Camas Ranch	86.64	41	ep	P	16 43 33.9 +0.8
SCM	Sheep Creek Mo	86.80	14	ep	P	16 43 33.0 -0.3
DUG	Dugway, Tooele	86.80	44	P	P	16 43 34.9 +0.9
D08A	Wollman Farm,	86.94	36	ep	P	16 43 35.2 +0.9
SNA	Snae	87.02	179	P	P	16 43 33.0 -1.4
SNA	Snae	87.02	179	P	P	16 43 34.2 -0.2
E09A	Wood Farm, Sta	87.05	37	ep	P	16 43 35.8 +0.9
NLU	North Lily Min	87.16	45	ep	P	16 43 36.7 +0.9
VEA3	Neumayer Olymp	87.18	176	P	P	16 43 35.0 -0.1
SEY	Seymchan	87.19	347	P	P	16 43 33.9 -1.2
CAST	Castle Rocks	87.22	12	ep	P	16 43 34.0 -1.2
B08A	Colville Reser	87.49	35	ep	P	16 43 36.9
HLID	Hailey	87.58	41	ep	P	16 43 38.5 +0.8
HLID	Hailey	87.58	41	P	P	16 43 39.1 +1.5
VNA2	Neumayer-Watz	87.61	177	P	P	16 43 35.9 -1.2
TLIG	Tiapa	87.63	70	ep	P	16 43 39.3 +1.0
H09A	Hansel Valley	87.66	43	ep	P	16 43 37.9
C09A	Chrisman Ranch	87.73	36	ep	P	16 43 38.8 +0.8
VNA1	Neumayer-Stat	87.84	177	P	P	16 43 38.5 +0.4
RND	Reindler	87.85	13	ep	P	16 43 38.2
LENM	Lemitar	87.88	52	ep	P	16 43 40.2 +1.0
JLU	Jordanelle	87.90	45	ep	P	16 43 40.4 +1.1
MNTX	Mickley	87.95	55	ep	P	16 43 40.3 +0.9
MNTX	Cornudas Mount	87.95	55	P	P	16 43 41.0 +1.6
MCK	McKendry	88.12	13	ep	P	16 43 38.8 -0.7
BNN	Barren Site	88.13	52	ep	P	16 43 38.4 -2.1
TCUT	Toone Canyon	88.19	44	ep	P	16 43 41.5 +0.9
LPM	Los Pinos Moun	88.20	52	ep	P	16 43 41.8 +1.1
P18A	Preston Nutter	88.22	46	ep	P	16 43 41.7 +0.9
MVCO	Mesa Verde	88.22	49	ep	P	16 43 41.5 +0.7
PV05	Paradox Valley	88.23	48	ep	P	16 43 42.0 +1.2
TX31	Lajitas Ar. Si	88.23	58	ep	P	16 43 41.8 +1.0
TXAR	Lajitas Array	88.23	58	P	P	16 43 42.7 +1.8
PV09	Paradox Valley	88.41	47	ep	P	16 43 42.9 +1.2
PV19	Paradox Valley	88.42	48	ep	P	16 43 42.4 +0.7
PV17	East Wray Mesa	88.42	48	ep	P	16 43 42.4 +0.7
PV18	Skein Mesa, Pa	88.44	48	ep	P	16 43 42.4 +0.6
PV13	Radium Mtn., P	88.46	48	ep	P	16 43 41.4 -0.5
PV23	Carpenster Ridg	88.47	47	ep	P	16 43 42.7 +0.7
PV03	Paradox Valley	88.48	48	ep	P	16 43 43.0 +1.0
PV02	Paradox Valley	88.48	48	ep	P	16 43 43.0 +0.7
PV12	Saucer Basin,	88.55	48	ep	P	16 43 42.3
PV21	Cone Mtn., Par	88.55	47	ep	P	16 43 43.0 +0.7
ANMO	Albuquerque	88.62	52	P	P	16 43 44.1 +1.4
ANMO	Albuquerque	88.62	52	P	P	16 43 43.5 +0.8
ANMO	Albuquerque	88.62	52	P	P	16 43 43.8 +1.1
NEW	Newport	88.63	36	ep	P	16 43 42.8 +0.6
NEW	Newport	88.63	36	P	P	16 43 42.8 +0.6
PV22	Bluzessa, Par	88.66	47	ep	P	16 43 43.9 +1.0
MLY	Manley	88.93	12	ep	P	16 43 42.5 -0.8
GD2L	Grandpau Moun	88.94	55	ep	P	16 43 45.5 +1.4
WR06	Wood River Hill	88.95	13	ep	P	16 43 43.0 -0.3
GOH	Cararuehue	89.02	132	ep	P	16 43 45.6 +1.1
PLCA	Las Flores	89.12	134	P	P	16 43 46.5 +1.7
CCB	Clear Creek Bu	89.17	13	ep	P	16 43 43.8 -0.5
MGMT	Mackenzie Canyo	89.21	41	ep	P	16 43 46.4 +1.1
AHID	Auburn Hatcher	89.23	43	ep	P	16 43 46.4 +1.1
DLBC	Dease Lake	89.28	23	P	P	16 43 46.1 +1.2
IM3	Indian Mountai	89.28	10	ep	P	16 43 44.8 +0.1
MDM	Murphy Dome	89.36	13	ep	P	16 43 44.5 -0.7
SCRK	Sand Creek	89.43	15	ep	P	16 43 45.8 +0.2
ILAR	Indian Array	89.47	13	P	P	16 43 45.1 -0.6
ILB	Eielson Array	89.47	13	P	P	16 43 44.8 -0.9
ILI	Eielson Array	89.47	13	P	P	16 43 44.7 +0.4
HHC	Hu-ho-hao-te	89.53	315	ep	P	16 43 47.1 -0.9
HHC		comp=Z,24nm,1.0s		pmax	pmax	
MSO	Missoula	89.63	38	P	P	16 43 47.3 +0.3
DLMT	Dillon	89.64	40	ep	P	16 43 48.2 +1.0
S22A	4UR Ranch, Cre	89.65	49	ep	P	16 43 48.5 +1.0
S22A	4UR Ranch, Cre	89.65	49	ep	P	16 43 48.5 +1.0
REDW	Red Top Meadow	89.69	43	ep	P	16 43 48.3 +0.8
TPAW	Teton Pass	89.69	42	ep	P	16 43 48.0 +0.5
FXWY	Fox Creek	89.72	42	ep	P	16 43 48.8 +1.0
CM01	Chiang Mai Arr	89.72	290	ep	P	16 43 48.9 +1.0
CM01	Chiang Mai Arr	89.72	290	ep	P	16 45 40.9 +0.4
CMAR	Chiang Mai Arr	89.75	290	P	P	16 43 49.3 +1.3
CMAR		0.6nm,0.5s,baz=128,slow=4.1,SNR=5.4		PKKPbc	PKKPbc	17 01 17.7 -0.1
LNIG	Linares	89.78	63	ep	P	16 43 48.0
SNOW	Snow King Moun	89.80	42	ep	P	16 43 49.0 +1.0
O20A	White River Ci	89.80	46	ep	P	16 43 49.0 +0.9

O20A	White River Ci	89.80	46	P	P	16 43 48.9 +0.9
CMMT	Chiang Mai	89.89	290	P	P	16 43 50.3 +1.6
CHTO	Chiang Mai	89.89	290	ep	P	16 43 49.0 +0.3
CHTO	Chiang Mai	89.89	290	P	P	16 43 50.4 +1.7
IMW						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRUC Moravsky, MEM Membach, KHC Kasperske Hory, etc.

ISJCJB 04 16:32:52.20.3, 23.185:0.03:69.05W:0.04, h121km, 3km, mb4.5/6, Error ellipse: s-maj=6.4km s-min=4.5km az=176.8

SJA 04 16:32:53.6:1.1, 23.245:68.98W, h96km, 15km, ML3.1, MW3.3

NEIC 04 16:32:54.0:2.0, 23.115:69.12W, h106km, mb4.5/8, ML4.2(GUC), After GUC.

GUC 04 16:32:54.2:0.8, 23.095:69.11W, h108km, 4km, ML4.2

IDC 04 16:32:54.6:2.8, 23.123:68.63W, h109km, 24km, mb4.3/6, mb1.4/1.0, mb1mx3.7/3.3, mbtpm4.5/1.0, Error ellipse: s-maj=31.0km s-min=17.4km az=104.0

ISC 04 16:32:53.2:0.6, 23.145:0.04:68.98W:0.05, h110km, 6km, n64, c1948/82, mb4.5/6, 5C-3D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB15 IPOC Station P, PB15 Limon Verde, PB06 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLCA Paso Flores, PLCA Sao Paulo, SPB Sao Paulo, BDFB Brasilia, etc.

KRNET 04 16:53:21.8:0.1, 38.67N:70.50E, mb2.9, NNC 04 16:53:25.1:6.0, 38.54N:70.54E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=46.7km s-min=36.3km az=31.0

ISC 04 16:53:27.0:3.3, 38.80N:0.1, h23km, n8, h10, c1914, 11C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DRK Karamyk, DRK Batken, DRK Sufi-Kurgan, etc.

IDC 04 16:53:25.1:0.9, 2.92S:129.76E, h0km, mb4.0/6, mb1.4/1.9, mb1mx3.7/5.7, mbtpm4.0/9, ML3.9/3, MS2.5/5, Ms1.2/2.5, ms1mx2.8/3.5, Error ellipse: s-maj=36.0km s-min=12.0km az=76.0

ISJCJB 04 16:53:27.3:0.3, 2.91S:0.04:129.56E:0.04, h28km, mb4.1/1.0, Error ellipse: s-maj=5.6km s-min=5.0km az=143.9

NEIC 04 16:53:29.0:3.2, 2.88S:129.61E, h26km, 27km, mb4.2/4, Error ellipse: s-maj=15.6km s-min=8.2km az=55.0

DJA 04 16:53:29.9:1.2, 3.5S:5.13E, h20km, 12km, M4.5/11, mB5.1/2, mb4.6/4, MLv4.4/11, Mw(mb)4.5/2

ISC 04 16:53:29.6:0.6, 2.88S:0.05:129.64E:0.05, h28km, n41, c2516/44, mb4.1/1.0, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI Masohi, MSAL Ambon, MSJ Sorong, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSH Kashi, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

NIED 04 16:54:00.37:40N:141.60E, h32km, Mw3.6 Best double couple: M2.440000*1014 NPT1.95:195.00000*, d31.00000*, 7-4.00000*, NP2.9325.00000*, 669.00000*, 7-11.00000*

JMA 04 16:54:35.9:3.0, 1.37:46N:141.53E, h42km, 1km, M3.7, IDC 04 16:54:35.1:2.8, 37.39N:141.65E, h44km, 23km, mb3.4/0, mb1.3/5.7, mb1mx3.2/7.4, mbtpm3.6/7, ML2.3/3, Error ellipse: s-maj=42.5km s-min=16.3km az=91.0

ISC 04 16:54:32.3:1.2, 37.42N:141.65E:0.08, h20km, 7km, n25, c1903/32, mb3.7/4, Near east coast of eastern Honshu

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

IDC 04 17:14:15.9:2.0, 10.70N:127.02E, h0km, mb3.8/6, mb1.3/9.6, mb1mx3.5/7.7, mbtpm3.8/6, Error ellipse: s-maj=17.7km s-min=9.6km az=67.0

ISCJB 04 17:14:17.6:0.5, 10.59N:126.9E:0.1, h20km, mb4.1/5.9, Error ellipse: s-maj=21.1km s-min=8.3km az=145.9

NEIC 04 17:14:21.9:0.4, 10.56N:126.80E, h35km, mb4.7/1.0, Error ellipse: s-maj=17.1km s-min=6.8km az=65.0

ISC 04 17:14:19.6:0.8, 10.60N:126.9E:0.2, h20km, n25, c0959/26, mb4.4/1.5, Philippine Islands region

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

MAN 04 17:22:41.2, 7.89N:125.18E, h18km, mb3.5, ML2.2, MS1.7, 1C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BUKP Musuan, BUKP Cagayan de Oro, CGP Pagadian, etc.

IDC 04 17:25:16.1:1.7, 36.97N:142.92E, h0km, mb3.8/6, mb1.3/8.9, mb1mx3.5/7.4, mbtpm3.8/9, ML3.5/3, MS2.5/2, Ms1.2/5.2, ms1mx2.7/2.0, Error ellipse: s-maj=44.0km

s-min=19.6km az=76.0
ISCJB 04 17:25:17.2.0.5,36.98N,0.03:142.89E,0.05,h25km,
mb4.3/9,Error ellipse: s-maj=5.4km s-min=4.6km
az=178.5

JMA 04 17:25:17.7.0.1,36.98N,142.81E,h25km,M3.4
NEIC 04 17:25:20.4.0.6,36.96N,142.90E,h35km,mb4.6/3,Error
ellipse: s-maj=11.3km s-min=8.1km az=100.0

ISC 04 17:25:19.0.0.8,36.96N,0.05:142.81E,0.08,h25km,n46,
e153/57,mb4.2/9,Off east coast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their data points.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like JAK, ASAJ, ASAJ, JOB, JOB, JCH, etc.

ISC 04 17:39:40.6.1.2,46.22N,24.30E,h0km,mb4.0/2,
mb1.4/0.2,mb1mx3.2/6.4,mbtmp4.0/2,ML3.3/1,MS3.2/3,
Ms1.3/2.3,ms1mx2.6/7.3,Error ellipse: s-maj=15.9km
s-min=13.1km az=109.0

ISCJB 04 17:39:48.1.0.4,45.60N,0.02:26.55E,0.03,h134km,3km,
mb3.8/2,Error ellipse: s-maj=3.9km s-min=3.2km
az=163.4

BUC 04 17:39:49.4.0.3,45.61N,26.57E,h133km,3km,MD4.0/3,
Error ellipse: s-maj=2.7km s-min=2.5km az=8.0

BE0 04 17:40:04.8.1.2,45.27N,24.60E,h7km,6km,ML2.7/7
ISC 04 17:39:48.6.0.9,45.82N,0.03:26.56E,0.03,h143km,5km,
n114,e1442/151,61C-28D,Romania

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like PLO, PLO, PLO, VRI, VRI, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like HERR, HERR, HERR, BZS, BZS, etc.

MEX 04 17:52:33.0.5.0,17.34N,101.36W,h11km,5km,MD3.5,
Near coast of Guerrero

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like ZIIG, ZIIG, CAIG, CAIG, etc.

DDA 04 17:58:45.6,37.25N,43.70E,h30km,MI2.5
ISC 04 17:58:45.1.2.4,37.2N,0.2:43.7E,0.1,h32km,11km,n5,
e0543/8,Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like CUKT, CUKT, CUKT, etc.

JMA 04 18:15:53.3.0.2,24.14N,140.89E,h112km,M4.5,
Volcano Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like JHHJ, JHHJ, CBJJ, etc.

NORS 04 18:28:00.5.0.0,42.46N,43.47E,h10km,MPVA3.0
TIF 04 18:28:01.3,42.46N,43.51E,h10km,2km
ISC 04 18:28:01.3.1.1,42.44N,0.03:43.52E,0.06,h12km,9km,
n11,e075/22,Western Caucasus

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like ONI, ONI, ZEI, ZEI, etc.

ISC 04 18:28:16.4.3.0,4.69S,133.46E,h0km,mb3.3/1,
mb1.3/7.5,mb1mx3.4/5.3,mbtmp3.5/5,ML3.4/4,MS3.4/1,
Ms1.3/4.1,ms1mx2.5/2.8,Error ellipse: s-maj=123.5km
s-min=24.9km az=79.0,Irian Jaya region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like SIJI, SIJI, WRA, WRA, etc.

ISC 04 18:39:02.0.8.4,51N,95.70E,h0km,mb4.0/13,
mb1.4/1.5,mb1mx3.8/7.4,mbtmp4.0/15,ML4.0/2,MS3.4/4,
Ms1.3/4.4,ms1mx2.9/7.0,Error ellipse: s-maj=32.9km
s-min=13.4km az=52.0

ISCJB 04 18:39:05.9.0.2,4.72N,0.03:96.07E,0.04,h29km,
mb4.5/45,MS3.3/2,Error ellipse: s-maj=5.9km
s-min=3.6km az=140.5

DJA 04 18:39:08.5.0.8,5N,3.9E,h28km,8km,M4.6/12,
mb5.3/1,mb4.5/4,MLV4.6/12,Mw(mB)4.71
NEIC 04 18:39:10.2.0.7,4.77N,96.18E,h25km,6km,mb4.7/32,

ISCJB 04 17:30:42.8.0.9,46.80N,1.149:2E,0.2,h250km,Error
ellipse: s-maj=26.8km s-min=8.7km az=41.2

SKHL 04 17:30:43.8.0.1,46.39N,149.91E,h244km,5km,mb4.8/6,
ms4.6/2

JMA 04 17:30:44.1.0.5,46.07N,149.62E,h303km,M3.5
ISC 04 17:30:43.5.1.6,46.39N,0.2:149.1E,0.2,h250km,n21,
e234/27,Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like KUR, KUR, KUR, KUR, etc.

ISC 04 17:39:40.6.1.2,46.22N,24.30E,h0km,mb4.0/2,
mb1.4/0.2,mb1mx3.2/6.4,mbtmp4.0/2,ML3.3/1,MS3.2/3,
Ms1.3/2.3,ms1mx2.6/7.3,Error ellipse: s-maj=15.9km
s-min=13.1km az=109.0

ISCJB 04 17:39:48.1.0.4,45.60N,0.02:26.55E,0.03,h134km,3km,
mb3.8/2,Error ellipse: s-maj=3.9km s-min=3.2km
az=163.4

BUC 04 17:39:49.4.0.3,45.61N,26.57E,h133km,3km,MD4.0/3,
Error ellipse: s-maj=2.7km s-min=2.5km az=8.0

BE0 04 17:40:04.8.1.2,45.27N,24.60E,h7km,6km,ML2.7/7
ISC 04 17:39:48.6.0.9,45.82N,0.03:26.56E,0.03,h143km,5km,
n114,e1442/151,61C-28D,Romania

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like PLO, PLO, VRI, VRI, etc.

Error ellipse: s-maj=7.8km s-min=4.4km az=56.0
BUJ 04 18:39:11.0, 4.780N:96:30E, h50km, mb4.3/12, mB4.6/7,
Ms4.0/5, Ms7.3/73

ISC 04 18:39:08.1, 0.4, 4.77N:100:4:96:12E:0.05, h29km, n112,
c1555/107, mb4.5/45, 1C-2D, Northern Sumatera

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

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

DJA 04 19:09:19.5, 1.0, 11.1N:10:12:16E:1, h10km, M5.3/20,
mb4.7/20, mB5.6/6, MLV5.7/2, Mw(mB)5.5, 1/6
IDC 04 19:09:20.5, 0.5, 10.0:69N:125:25E, h0km, mb4.3/25,
mb1.4/4.25, mb1.0mx2.0/3, mbmp4.3/25, MSJ3.9/24,
ms1.3/9.29, ms1.1mx2.0/4, Error ellipse: s-maj=20.9km
s-min=11.4km az=72.0

ISCJB 04 19:09:21.5, 0.2, 10.90N:02:125:40E:0.02, h10km,
mb4.5/104, MS4.0/27, Error ellipse: s-maj=3.2km
s-min=2.3km az=174.5

GCMT 04 19:09:23.0, 0.3, 10.81N:02:125:26E:0.04, h17km, 1km,
MW4.8/61, Moment Tensor Solution. s10,c12; s61,c98;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr: 1.35; 1.6;
Mw: 1.25; 0.9; Mw0, 10; 1; Mw: 0.19; 2.3; Mw: 1.0; 0; 16;
Mw: 1.38; 38; Best double couple: Mw: 1.8500; 10;
N1: 207.0000; P: 864.0000; N2: -128.0000; NP2:
p: 88.0000; s: 845.0000; t: -33.0000; Principal axes: T
2.0290, Plg11.0000, Azm323.0000; N: 0.3160;
Plg34.0000; Azm225.0000; P: -2.3410, Plg54.0000,
Azm69.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

MAN 04 19:09:23.0, 10.81N:125:24E, h8km, mb5.3, ML4.3, MS4.5
MOS 04 19:09:25.1, 1.1, 10.84N:125:28E, h46km, mb4.8/31, Error
ellipse: s-maj=10.5km s-min=6.0km az=118.2

BUJ 04 19:09:25.5, 11.10N:125:80E, h30km, mb4.6/22, mB4.9/18,
Ms4.3/9, Ms7.4/0/9
NEIC 04 19:09:26.3, 0.2, 10.88N:125:27E, h35km, mb4.9/68, Error
ellipse: s-maj=5.6km s-min=3.9km az=88.0

ISC 04 19:09:22.1, 1.1, 10.82N:02:125:32E:0.03, h7km, 7km,
n288, -08:06/280, mb4.7/104, MS4.0/27, 11C-7D, Leyte

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

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

ISC 04 19:52:39.0, 5, 10:83S, 0:06, 113:79E, 0:05, h35km, n86, c154/88, mb4.4/25, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: TUTA, Tatak, 0.81 345, P, Pg, 19 57 06.2, -0.5. Lists station TUTA and Tatak with associated data.

ISC/JB 04 20:00:00.3-0.5, 11:03S, 0:04, 113:76E, 0:04, h33km, mb4.3/12, MS3.8/2, Error ellipse: s-maj=6.6km

NEIC 04 20:00:01.8-3.2, 10:91S, 113:85E, h24km, 26km, mb4.4/5, Error ellipse: s-maj=17.6km s-min=8.4km az=48.0

DJA 04 20:00:02.7-0.6, 11:53S, 111:46E, h20km, 5km, M4.3/20, mb4.4/5, MLV4.2/20

IDC 04 20:00:04.6-1.5, 10:10S, 114:82E, h0km, mb3.7/6, m1 3.9/7, mb1mx3.6/6.1, mbtmp3.8/7, ML3.5/1, MS3.8/2, M1 3.8/2, ms1mx3.0/5.3, Error ellipse: s-maj=64.5km

ISC 04 20:00:03.0-0.7, 10:38S, 0:07, 113:78E, 0:05, h35km, n52, c156/53, mb4.1/12, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various seismic stations and their recorded data for the event.

NIED 04 20:00:02.2'00N:120:70E, h41km, Mw5.5 Best double couple: M1: 79000, M2: 107, M3: 310, 00000, 85, 00000

JMA 04 20:00:13.0, 0.1, 22:01N, 120:68E, h41km, 2km, M5.5

NEIC 04 20:00:17.5-1.0, 22:17N, 121:14E, h12km, 6km, mb5.0/65, ML5.2(TAP), Error ellipse: s-maj=4.0km s-min=3.1km az=102.0

MOS 04 20:00:17.8-0.9, 22:14N, 121:10E, h24km, mb5.2/64, MS5.0/3, Error ellipse: s-maj=7.7km s-min=4.4km az=115.4

ISC/JB 04 20:00:17.7-0.3, 22:14N, 0:01, 121:16E, 0:01, h21km, 1km, mb4.8/151, MS4.7/53, Error ellipse: s-maj=2.3km s-min=1.6km az=19.7

TAP 04 20:00:18.3, 22:22'N, 121:03E, h10km, ML5.2, C

GMCT 04 20:00:20.5-0.3, 22:28N, 0:01, 121:22E, 0:02, h19km, 1km, MW5.0/73, Moment Tensor Solution. s27, c37; s73, c107; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1, 2.9±.17; Mr1.39±.10; M2±.26±.13; M3±.1.82±.30; Mw±.2.3±.08; Mw±.1.4±.24; Best double couple: M3: 83700, 1016

NP1: 82, 00000, 879, 00000, 139, 00000; NP2: 8, 162, 00000, 850, 00000, 14, 15, 00000; Principal axes: T 3.330, P13.60000, Az=114.00000, N 1.003, 00000, P14.48, 00000, Az=220.00000; P -4.3380, P13.18, 00000, Az=118.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 04 20:00:20.4-1.6, 22:10N, 121:17E, h30km, 11km, mb4.4/38, m1 5.4/43, mb1mx4.4/74, mbtmp4.6/43, ML3.9/4, MS4.6/39, M1 5.6/39, ms1mx4.4/74 Error ellipse: s-maj=12.4km s-min=8.6km az=73.0

ISC 04 20:00:18.6-0.5, 22:19N, 0:02, 121:11E, 0:02, h18km, 3km, n57.1, c154/673, mb4.9/162, MS4.7/54, 76C-25D, Taiwan 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 for the event.

Table with columns: TAW, Tawu, 0.31 308, J/P, Pg, 20 00 27.0, -1.4. Lists various seismic stations and their recorded data for the event.

ISK 04 19:56:49.7, 38:62N, 43:10E, h12km, 1km, ML1.9/4

DDA 04 19:56:50.7, 38:63N, 43:17E, h7km, ML2.5

ISC 04 19:56:51.0, 1.2, 38:62N, 0:03, 43:10E, 0:03, h7km, 11km, n11, c150/19, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AKH Alkhakalaki, KHZ Khabaz, KIV Kislovodsk, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NB200 NORSAR Array S, NOA NORSAR Array B, NOA NORSAR Array C, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GIVF, DOU Dourbes, HIN Hinterfeld, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like TAP 04 20:01:18.8, TAW Tavu, etc.

Table with columns: STYT, Full, CHN3, CHN1, WTP, TPUB, TWK, Hsiuying, TWFI, CHN4, YULB, CHY. Includes station names, coordinates, and status.

Table titled 'TAP 04 20:01:42.0,22:24N:121.02E,h12km,ML4.3,B,Taiwan region'. Columns include Code, Station Name, Azimuth, Phase, ID, Time, Res, and ISC.

Table titled 'TAP 04 20:02:40.6,22:23N:121.02E,h10km,ML3.5,2D,C,Taiwan region'. Columns include Code, Station Name, Azimuth, Phase, ID, Time, Res, and ISC.

ISCJB 04 20:09:00.3,1.2,11:55N,0:04:89:18W,0:03,h11km,9km, mb4.2/22,MS3.3/3,Error ellipse: s-maj=7.5km s-min=4.5km az=20.1

IDC 04 20:09:00.4,1.0,11:62N:89:12W,h0km,mb3.9/5, mb1.4/2.8,mb1mx3.8/56,mbtmp3.9/8,ML3.7/3,MS3.4/3, Ms1.3,4.3,ms1mx2.8/46,Error ellipse: s-maj=48.4km s-min=18.9km az=57.0

UCR 04 20:09:02.6,1.1,11:70N:89:10W,h6km,9km,MD3.9, ML3.4,mb4.4(NEIC)

NEIC 04 20:09:04.5,1.9,11:67N:89:08W,h26km,13km,mb4.4/19, Error ellipse: s-maj=11.0km s-min=5.2km az=210.0

ISC 04 20:08:02.4,4.5,11:37N,0:06:89:08W,0:05,h12km,28km, n70,c103/79,mb4.3/22,MS3.2/3,Off coast of central America

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and ISC. Includes stations like Lacayo, San Miguel, El Faro, Las Pavas, Las Brisas, Booderon, La Fuente, San Blas, San Jose, Cerro Negro, Copallepe, Mototombo, Montecristo, Apoyeque, Managua, Tegucigalpa, Estel, Tegucigalpa, BOAC, BOAC, BOAC, BOAC, El Apazote, Juntas Abangare, Juntas Abangare, Esperanzas, Heredia, Comitán, Matias Romero, Tegich, Laguna Verde, Tlapi, Lajas, Lajas, Lajas, San Juan, Mout Ida, Monte Pirata, Jenkinsville, Ferguson Farm, Saint Thomas, Witts Springs, Tuckaleechee C, Tuckaleechee C, Tuckaleechee C, Bolivar, Cathedral Cave, Blacksburg, Saucer Basin, East Wray Mesa, Mina Array Sit, Mina Array Sit, Mina Array Sit, St. Maarten, LASA Array, Lac du Bonnet, Yellowknife Ar, Paso Flores, Eielson Array, Eielson Array, Eielson Array, Alice Springs, Warramunga Arr, Warramunga Arr, Fitzroy Crossi, Chiang Mai Arr, Chiang Mai Arr.

Table with columns: Pean de, Melilla, IFRane, Los Guajares, Sierra Gorda, Quesada, Adamuz, Barranco-do-Ve, Barranco-do-Ve, Barrancos, Tobarra, Castro Verde, Vila Bisbo, Badajoz, Sonseca Array, Nicolaou / Gran, Evora, Estremoz, Marv???, Marv???, Montargil, Moncorio. Includes station names, coordinates, and status.

DDA 04 20:24:15.0,41:70N:42:07E,h7km,ML2.6

ISC 04 20:24:12.2,31:47N:0:06:42:09E,0:04,h11km,11km, n12,c073/21,Turkey-Georgia-Armenia border region

Table with columns: Borcka, Borcka, Posof, Artvin, Agillar, Bademkaya, Demirkent, Akhalkalaki, Akhalkalaki, Senkaya-Erzuru, Oni, Oni, Trialleti, Trialleti. Includes station names, coordinates, and status.

MAN 04 20:30:06.6,17:67N:120:29E,h28km,mb4.4,ML3.2, MS3.1,C,Luzon

Table with columns: Dolores, Pasuquin, Connor, Bolinao, Cauyan, Baler. Includes station names, coordinates, and status.

IDC 04 20:59:09.5,6.4,6:97S:148:59E,h118km,45km,mb2.6/1, mb1.2/3,mb1mx2.7/49,mbtmp3.1/3,Error ellipse: s-maj=116.9km s-min=56.6km az=120.0,New Britain region

Table with columns: Moresby, Pasuquin, Connor, Bolinao, Cauyan, Baler. Includes station names, coordinates, and status.

IDC 04 20:59:10.3,1.8,13:43N:87:70W,h0km,mb3.2/2, mb1.2/3,mb1mx3.4/50,mbtmp3.3/4,ML2.42,MS2.6/1, Ms1.2,6.1,ms1mx2.3/24,Error ellipse: s-maj=89.8km s-min=29.1km az=46.0

ISCJB 04 20:59:13.1,1.1,13:44N:0:3:87:70W,0:3,h33km,mb3.3/2, Error ellipse: s-maj=60.5km s-min=14.0km az=44.5

ISC 04 20:59:15.6,1.1,13:38N:0:4:87:70W,0:3,h35km,n6,c16/69, Honduras

Table with columns: Apazote, Juntas Abangare, Chiang Mai Arr, Lajas Arr. Includes station names, coordinates, and status.

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MAJO Matushiro, MDJ Muanjiang, USA0B Ussuriysk Arra, etc.

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like UOSS Minazif, KK31 Karatay Array, KURK Kurchatov, ZAAO Zalesovo Array, etc.

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like LBTB Lobatse, NEY Neytrino, KBZ Khabaz, KIV Kislovodsk, GOF Gofitskoye, etc.

MS3.6
ISC 04 21:38:00.4-0.9, 10'30N-0'06.12674E:0.08, h35km, n18,
az=176/28, mb3.9/6, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Borongan, Palo, Maasin, Butuan, etc.

MAN 04 21:44:18.6, 10'88N:126'78E, h1km, mb4.8, ML3.8, MS3.8
IDC 04 21:44:20.3-0.9, 10'59N:126'39E, h0km, mb4.0/13,
mb1.4, 1/13, mb1mx3.8/65, mbtmp4.0/13, Error ellipse:
s-maj=56.2km s-min=1.4km az=68.0

ISCJJB 04 21:44:22.7-0.4, 10'77N:0'04-126'81E:0'05, h33km,
mb4.0/15, Error ellipse: s-maj=7.2km s-min=5.4km
az=142.0

NEIC 04 21:44:23.3-3.4, 10'77N:126'98E, h25km, mb4.3/6,
Error ellipse: s-maj=13.4km s-min=7.1km az=70.0

ISC 04 21:44:24.8-0.6, 10'81N:0'05.12676E:0'07, h35km, n41,
az=187/45, mb4.2/15, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Borongan, Palo, Maasin, Butuan, etc.

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

JMA 04 21:50:09.3-0.3, 22'33N:121'42E, h0km, M2.9
TAP 04 21:50:09.7, 22'20N:121'05E, h16km, ML3.3, B
ISCJJB 04 21:50:10.2-0.3, 22'19N:0'02-121'08E:0'03, h22km, 4km,
Error ellipse: s-maj=4.2km s-min=3.4km az=11.2

ISC 04 21:50:10.0-1.1, 22'18N:0'03-121'04E:0'03, h20km, 2km,
n49, az=96/72, 7C-7D, Taiwan region

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

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

ISCJJB 04 21:55:02.0-0.3, 47'38N:0'01-11'91E:0'02, h5km, 2km,
Error ellipse: s-maj=2.5km s-min=2.4km az=31.6
VIE 04 21:55:02.0-2.0, 47'32N:11'87E, h12km, 1km, mb1.6/10,
ml2.3/16, Error ellipse: s-maj=1.8km s-min=1.1km az=22.0
2 km N of Ried im Zillertal
BGR 04 21:55:01.0-0.2, 47'33N:11'89E, h10km, ML2.6, 5, Error
ellipse: s-maj=2.2km s-min=2.2km az=2.0
PRU 04 21:55:01.5-0.9, 47'38N:11'91E, h0km,
ISC 04 21:55:00.7-0.9, 47'38N:0'02-11'88E:0'02, h7km, 6km,
n40, az=97/85, Austria

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

2012 SEP

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BFO Black Forest, ORIF Oris-en-Rattie, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ANKE Ethiopia-Afar, GUC 04 23-09:57.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Catamaran, Lapu-Lapu, Cagayan de Oro, Musuan, Virac, Roxas, Jordan, Pagadian, Don Marcelino, Odiangon, Tagaytay City, Kumigami, Guam, Baumata, Hachiojima, Enshi, Wora, KSRs, PHET, MJAR, CMAR, CHTO, WRA, URS, ASAR, ASAR, CTAO, ASAJ, LSA, SOMN, STKA, PETK, MKAR, MKAR, NIKAR, ZALV, SEY, KURK, KURB, BVAR, BRVK, NRK, GEYT, AKTO, ARU, CASY, KAYN, KIV, ILAR, OBN, ARCES, BRTR, FINES, AKASG, VNSD, NOA, YKA, TXAR, TORD, PLCA, TRQA, SDV.

KRSC 04 23:18:47.1, 9.52:13N:160.73E, h50km, 31km, ML3.8, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NLC, RUS, DAL, DALK, PET, UGLV, MTRV, SDLR, SMAR, AVH, KRER, KOK, ASAK, KRX, KIL, GNL, MPR, MKZ, TUMR, KBTB.

ISCBJ 04 23:19:45.6:1.8, 23.01N:0.09:142.5E:0.5, h100km, mb4.0/7, Error ellipse: s-maj=59.7km s-min=12.0km az=2.3
IDC 04 23:19:47.2:4.2, 23.17N:143.20E, h119km, 25km, mb3.6/7, mb1 3.7/8, mb1mx3.7/2.2, 5.5, mbtmp4.1/8, Error ellipse: s-maj=95.9km s-min=18.7km az=78.0
ISC 04 23:19:46.9:2.1, 23.03N:0.1:142.7E:0.5, h100km, n8, a:1900, mb4.17, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JCJ, SOMN, WRA, ZALV, MKAR, KURB, BVAR, FINES.

ISCBJ 04 23:26:35.9:0.7, 15.9S:0.2:174.3W:0.2, h150km, mb3.7/7, Error ellipse: s-maj=30.8km s-min=9.6km az=139.8
IDC 04 23:26:37.2:2.5, 16.03S:174.31W, h143km, 27km, mb3.6/7, mb1 3.8/8, mb1mx3.4/5.5, mbtmp4.0/8, Error ellipse: s-maj=32.5km s-min=21.1km az=157.0
ISC 04 23:26:37.4:0.8, 15.9S:0.2:174.2W:0.2, h150km, n8, a:19279, mb3.97, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AFI, AFI, URZ, STKA, WRA, ASAR, VNSD, PDAR, PLCA.

IDC 04 23:30:14.7:1.3, 11.48N:127.20E, h0km, mb3.9/10, mb1 4.0/10, mb1mx3.7/6.4, mbtmp3.9/10, MS2.9/2, Ms1 2.9/2, ms1mx2.5/5.9, Error ellipse: s-maj=107.0km s-min=15.4km az=71.0
NEIC 04 23:30:19.8:0.9, 11.47N:127.18E, h35km, mb4.1/1, Error ellipse: s-maj=70.5km s-min=9.1km az=71.0
ISC 04 23:30:20.0:1.3, 11.52N:0.3:127.1E:0.7, h35km, n16, a:656114, mb3.9/12, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PLP, JUN, MJAR, FITZ, WRA, ASAR, SOMN, MKAR, KURK, KURB, BVAR, BRVK, ARU, ARCES, VNSD.

NEIC 04 23:39:02.6:0.0, 0.19S:8N:64.16W, h58km, MD3.6(RSPR), After RSPR
RSPR 04 23:39:02.6, 19.58N:64.16W, h58km, 7km, MD3.6/10, 20C, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ABV, ABV, ABV, ABV, TBVI, TBVI, STVI, STVI, STVI, CUPR, CUPR, CUPR, CDVI, CDVI, MTP, MTP, MTP, MTP, CBYP, CBYP, HUMP, HUMP, HUMP, CELP, CELP, CELP, CRPR, CRPR, CRPR, CRPR, CRPR.

NEIC 04 23:43:57.8:0.0, 19.55N:64.07W, h81km, MD4.2(RSPR), After RSPR
RSPR 04 23:43:57.8, 19.55N:64.07W, h81km, 5km, MD4.2/9, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ABV, ABV, ABV, TBVI, TBVI, STVI, STVI, STVI, CUPR, CUPR, CUPR, SMRT.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SMRT, SMRT, SMRT, CDPV, MTP, MTP, SABA, SABA, SABA, CBYP, CBYP, CBYP, HUMP, HUMP, HUMP, SEUS, SEUS, SEUS, SJG, SJG, SJG, EMPR, EMPR, EMPR, EMPR, EMPR, CERP, CERP, AOPR, AOPR, AOPR, AOPR, OBIP, OBIP, OBIP, ICMP, ANWB, ANWB, ANWB, AGP, MPR, MPR, MPR, CRPR, CRPR, CRPR, MLYT, MLYT, BANI, BANI.

IDC 04 23:45:23.4:2.0, 6.60S:130.05E, h0km, mb3.8/1, mb1 3.8/4, mb1mx3.5/5.1, mbtmp3.6/4, ML3.6/3, Error ellipse: s-maj=75.1km s-min=27.5km az=77.0, Banda Sea

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

DJA 04 23:58:48.1:1.0, 11.5:10.1:114E, h33km, 27km, M3.6/10, ML3.6/10, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IGBI, JAGI, JAGI, GNP, GNP, GMJ, SRBI, TWSI, UGM, UGM.

KRSC 05 00:00:03.6:2.1, 48.14N:156.58E, h20km, 51km, ML3.9, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SKR, KDTR, ASAK, MTRV, UGLR, AVH, AVH, SPN, GNL, MKZ.

NNC 05 00:00:24.3:3.8, 38.58N:75.29E, h0km, mb3.7, mpv3.3, 5C-5D, Error ellipse: s-maj=27.4km s-min=20.7km az=168.0, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SFK, SFK, AAK, AAK, AAK, TKM2, TKM2, TKM2, MNAS, MNAS, MNAS, KK31, KK31.

IDC 05 00:05:33.4:1.7, 4.25S:133.43E, h0km, mb3.5/1, mb1 4.1/6, mb1mx3.7/4.5, mbtmp3.9/6, ML3.9/5, MS3.0/2, Ms1 3.0/2, ms1mx2.6/3.2, Error ellipse: s-maj=64.8km s-min=22.5km az=69.0
ISCBJ 05 00:05:35.9:1.0, 4.65S:0.06:133.2E:0.1, h35km, mb3.5/1, Error ellipse: s-maj=20.2km s-min=8.4km az=173.8
ISC 05 00:05:36.4:1.5, 4.62S:0.08:133.2E:0.2, h35km, n7, a:35329, Irian Jaya region

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

5d 0h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA, FITZ, ASAR, etc.

IDC 05:00:07.12.2.3.4.24.34x179.00E, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.6/49, mbtmp3.7/3, MS2.9/3, MS1 2.9/3, m1mx2.7/50, Error ellipse: s-maj=1.6km s-min=32.6km az=164.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DZM, AFI, PPT, ASAR, etc.

IDC 05:00:23.33.7.0.6.10.84N.126.63E, h0km, mb4.0/17, mb1 4.1/17, mb1mx3.9/60, mbtmp4.0/17, Error ellipse: s-maj=35.1km s-min=13.6km az=73.0

ISCJB 05:00:23.37.3.0.5.10.92N.0.05.126.73E.0.04, h37km, mb4.0/21, Error ellipse: s-maj=6.7km s-min=5.5km az=152.7

NEIC 05:00:23.38.0.3.10.83N.126.70E, h35km, mb4.2/2, Error ellipse: s-maj=16.2km s-min=6.7km az=72.0

MAN 05:00:23.40.1.11.06N.126.57E, h42km, mb4.7, ML3.6, MS3.6

ISC 05:00:23.39.3.0.6.10.92N.0.06.126.70E.0.08, h37km, n38, c0588/49, mb4.1/21, 3C, Philippine Islands region

Main table listing station names, azimuths, elevations, SNRs, and other parameters for stations in the Philippine Islands region.

ISCJB 05:00:24.45.8.0.1.19.51N.01.61.31W.0.02, h10km, mb4.5/202, MS4.1/39, Error ellipse: s-maj=2.6km s-min=1.7km az=177.9

IDC 05:00:24.46.1.0.4.19.49N.64.32W, h0km, mb4.4/31, mb1 4.6/35, mb1mx4.4/65, mbtmp4.4/35, ML4.0/4, MS4.1/43, MS1 4.2/43, m1mx4.0/66, Error ellipse: s-maj=10.4km s-min=10.4km az=88.0

NEIC 05:00:24.48.6.0.2.19.70N.64.26W, h28km, mb4.5/188, MW4.9, MD5.2(RSPR), Moment Tensor Solution. s25

Moment tensor: Scale: 1.016Nm; Mw=0.59; M=0.39; Ms=0.95; M1=1.66; M2=2.74; M3=0.40; Best double couple: Mx3.30000x10^16 Np1.0.260.00000.0.885.00000.0.33.00000. NP2.0.353.00000.0.857.00000.0.174.00000. Principal axes: T 3.5700, Plg19.00000, Azm311.00000; N -0.5100, Plg57.00000, Azm73.00000; P -3.0600, Plg26.00000, Azm212.00000; After RSPR.

NEIC Felt at Canovanas, Loiza, San Antonio, San Juan and San Sebastian, Puerto Rico.

RSPR 05:00:24.48.6.19.70N.64.26W, h28km, 15km, MD5.2/18

GCMT 05:00:24.49.6.0.2.19.68N.01.61.31W.0.01, h12km,

2012 SEP

MW4.9/94, Moment Tensor Solution. s24.c28; s94.c145; Duration: 0 Moment tensor: Scale 1.016Nm; Mw=0.82; M=0.8; M1=1.37; M2=0.7; M3=1.19; M4=0.8; M5=1.01; M6=2.46; M7=0.6; M8=0.56; s22: Best double couple: Ms2.96800x10^16 Np1.0.260.00000.0.878.00000.0.14.00000.0. NP2: 0.168.00000.0.876.00000.0.167.00000. Principal axes: T 2.6840, Plg1.00000, Azm121.00000; N 0.5700, Plg71.00000, Azm215.00000; P -3.2530, Plg19.00000. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment rate function.

ISC 05:00:24.46.6.1.2.19.47N.01.03.6432W.0.02, h7km, 7km, n755.1, r38/747, mb4.5/202, MS4.2/39, 8C-13D, Virgin Islands

Main table listing station names, azimuths, elevations, SNRs, and other parameters for stations in the Virgin Islands region.

296

Main table listing station names, azimuths, elevations, SNRs, and other parameters for stations in the Caribbean and surrounding regions.

297			2012 SEP			5d 0h									
PAULI	baz=114 Pauline 9.8nm,0.9s	21.77 318 eP	P	P	00 29 40.0 +1.1	X50B	Fort Payne baz=122 La Follette	24.11 313 P	P	00 30 03.7 +0.7	R48A	Northridge Ran baz=129	26.56 320 P	P	00 30 26.6 +1.4
CBN	Corbin Frederi	21.85 331 eP	P	P	00 29 37.5 -2.2	U51A	baz=129 La Follette	24.14 318 P	P	00 30 04.7 +1.4	M51A	Elyria baz=139	26.59 329 P	P	00 30 26.4 +1.0
CBN	Corbin Frederi	21.85 331 P	P	P	00 29 40.7 +1.0	MCWV	Mont Chateau 7.7nm,0.8s	24.16 330 eP	P	00 30 05.4 +1.9	MOQ	Mont Ordford	26.60 347 eP	P	00 30 24.5 -1.0
R58B	Mineral	21.89 330 P	P	P	00 29 41.2 +1.1	MCWV	Mont Chateau	24.16 330 eSn	S	00 34 42.4 +2.1	Y45A	Yeager Farm, C baz=116	26.62 308 P	P	00 30 26.6 +0.8
PTRD	Partlow Road	21.89 331 eP	P	P	00 29 41.8 +1.7	Y49A	Blount Mountai 6.1nm,1.0s	24.33 311 eP	P	00 30 07.4 +2.4	P49A	Miami Univ. Ec baz=132	26.63 323 P	P	00 30 27.1 +1.3
JTS	JuntasAbangare	21.91 248 P	P	P	00 29 40.4 -0.2	Y49A	Blount Mountai baz=120	24.33 311 P	P	00 30 05.6 +0.6	N50A	Norfolk baz=137	26.65 327 P	P	00 30 26.6 +0.6
JTS	JuntasAbangare	21.91 248 eP	P	P	00 29 41.2 +0.6	LRAL	Lakeview Retre 2.7nm,0.8s	24.35 308 eP	P	00 30 03.0 -2.2	S47A	Hartford baz=126	26.70 317 P	P	00 30 26.9 +0.5
452A	Mariana	21.99 305 P	P	P	00 29 41.5 +0.2	LRAL	Lakeview Retre	24.35 308 eSn	S	00 34 35.4 +1.1	WCI	Wyandotte Cave 7.9nm,0.8s	26.72 319 eP	P	00 30 25.0 -1.6
Z53A	Monticello	22.01 313 P	P	P	00 29 41.3 -0.2	LRAL	Lakeview Retre	24.35 308 P	P	00 30 05.4 +0.2	X45A	UM Field Stati baz=128	26.76 309 P	P	00 30 27.4 +0.3
GOGA	Godfrey	22.01 313 eP	P	P	00 29 42.4 +0.9	V50A	Pikeville baz=126,SNR=8.9	24.41 316 P	P	00 30 06.3 +0.5	244A	Avery, Jackson baz=111	26.77 303 P	P	00 30 28.4 +1.3
GOGA	Godfrey	22.01 313 eSn	S	S	00 33 40.9 -3.8	S52A	Salyersville baz=132	24.43 322 P	P	00 30 07.6 +1.7	OXF	Oxford	26.82 309 eP	P	00 30 25.5 -2.0
GOGA	Godfrey	22.01 313 P	P	P	00 29 41.4 -0.1	TS1A	Gray baz=130	24.47 319 P	P	00 30 07.9 +1.6	OXF	Oxford	26.82 309 P	P	00 30 27.3 -0.2
352A	Blakely	22.08 307 eP	P	P	00 29 40.7 -1.5	248A	Dixon Mills baz=115	24.49 306 P	P	00 30 07.2 +0.7	Q48A	North Vernon baz=130	26.82 321 P	P	00 30 28.4 +1.0
352A	Blakely	22.08 307 P	P	P	00 29 43.2 +1.0	TRY	Troy 1.2nm,1.1s	24.50 343 eP	P	00 30 05.8 -0.6	O49A	Covington baz=134	26.86 325 P	P	00 30 28.5 +0.6
GCUF	Volcan Galeras	22.17 217 eP	P	P	00 29 43.6 +0.3	148A	Greensboro baz=116	24.60 307 P	P	00 30 08.7 +1.2	R47A	Wooly Knot Far baz=128	26.90 319 P	P	00 30 29.9 +1.6
252A	Lumpkin	22.18 308 P	P	P	00 29 43.4 +0.1	X49A	Woodville baz=122,SNR=6.8	24.60 312 P	P	00 30 08.0 +0.5	T46A	Princeton baz=124	27.05 315 P	P	00 30 30.3 +0.7
451A	Vernon	22.32 304 P	P	P	00 29 45.2 +0.3	R52A	Catlettsburg baz=134	24.63 324 P	P	00 30 08.0 +0.3	M50A	Fremont baz=138	27.07 328 P	P	00 30 31.0 +1.4
Y53A	Monroe	22.35 314 P	P	P	00 29 45.1 0.0	U50A	Jamestown baz=127	24.69 317 P	P	00 30 08.8 +0.5	S46A	Don Dixon Farm baz=117	27.29 317 P	P	00 30 32.5 +0.7
351A	Pinckard	22.50 306 P	P	P	00 29 46.0 -0.7	447A	Luedade baz=111	24.70 302 P	P	00 30 08.8 +0.5	O48A	Farmland baz=133	27.37 324 P	P	00 30 32.4 0.0
152A	Waverly Hall	22.50 310 eP	P	P	00 29 48.0 +1.2	S51A	Beattyville 8.7nm,0.9s	24.70 321 eP	P	00 30 07.3 -1.1	M49A	Liberty Center baz=135	27.59 327 P	P	00 30 35.1 +0.7
152A	Waverly Hall	22.50 310 P	P	P	00 29 47.0 +0.2	S51A	Beattyville	24.70 321 P	P	00 30 09.1 +0.7	N48A	Decatur baz=134	27.71 325 P	P	00 30 36.2 +0.7
X53A	Estanolle	22.54 315 P	P	P	00 29 46.8 -0.3	SWET	Sewanee 7.2nm,0.9s	24.71 314 eP	P	00 30 08.7 +0.2	O47A	Sheridan baz=131	27.93 323 P	P	00 30 37.5 +0.1
TEIG	Tepitch	22.55 276 eP	P	P	00 29 47.5 +0.1	BINY	Binghamton 1.2nm,0.8s	24.73 339 eP	P	00 30 05.9 -2.6	L49A	Milan baz=138	27.95 328 P	P	00 30 39.0 +1.3
Z52A	Williamson	22.56 311 P	P	P	00 29 47.2 -0.2	BINY	Binghamton	24.73 339 P	P	00 30 10.6 +2.1	R45A	Skylar, Fairri baz=125	28.01 317 P	P	00 30 39.1 +0.9
BG3	Lake Jocassee	22.59 317 eP	P	P	00 29 48.9 +1.1	P53A	Whipple baz=153,SNR=6.3	24.80 327 P	P	00 30 09.9 +0.8	AAM	Ann Arbor baz=138	28.04 328 P	P	00 30 40.1 +1.8
BLA	Blacksburg	22.60 325 eP	P	P	00 29 47.6 -0.2	347A	Saraland baz=112	24.84 303 P	P	00 30 10.8 +1.2	SADO	Sadowa comp=Z,460nm,19.7s,ba	28.09 337 LR	LR	00 41 23.9
BLA	Blacksburg	22.60 325 P	P	P	00 33 45.2 -1.1	Q52A	Bidwell baz=136,SNR=9.3	24.87 325 P	P	00 30 10.4 +0.5	SADO	Sadowa baz=117	28.09 337 eP	P	00 30 35.6 -3.2
Y52A	Libburn	22.68 313 eP	P	P	00 29 48.8 +0.1	Z48A	Notport baz=118	24.93 308 P	P	00 30 11.1 -0.3	L48A	N Adams baz=136	28.17 327 P	P	00 30 41.0 +1.4
Y52A	Libburn	22.68 313 P	P	P	00 29 48.8 +0.1	V49A	McMinnville baz=124,SNR=8.4	25.00 315 P	P	00 30 11.8 +0.8	SAML	Samuel 9.3nm,0.6s	28.26 178 eP	P	00 30 39.8 -0.7
251A	Midway	22.73 308 P	P	P	00 29 49.2 +0.1	T50A	Narvon baz=128,SNR=16	25.06 319 P	P	00 30 12.8 +1.2	SAML	Samuel	28.26 178 eP	P	00 30 39.5 -1.1
CPNY	Central Park	22.80 341 eP	P	P	00 29 49.4 -0.5	X48A	Hartselle 5.5nm,0.9s	25.08 311 eP	P	00 30 11.9 +0.1	SIUC	Southern Illini 11nm,0.9s	28.30 315 eP	P	00 30 40.0 -0.7
W53A	Cullowhee	22.85 317 P	P	P	00 29 51.3 +0.7	X48A	Hartselle	25.08 311 P	P	00 30 13.0 +1.2	S44A	Carbondale baz=135	28.31 315 P	P	00 30 41.9 +1.1
151A	Opelika	22.88 309 P	P	P	00 29 51.0 +0.2	R51A	Hillsboro baz=133	25.14 322 P	P	00 30 12.9 +0.7	P45A	Graceland, Par baz=128	28.41 320 P	P	00 30 42.2 +0.5
V53A	Saluda	22.94 318 eP	P	P	00 29 52.4 +0.9	147A	Livingston baz=115	25.15 306 P	P	00 30 12.8 +0.4	R44A	Waltonville baz=124	28.50 316 P	P	00 30 43.8 +1.3
V53A	Saluda	22.94 318 P	P	P	00 29 52.1 +0.6	247A	Quitman baz=114	25.15 305 P	P	00 30 13.7 +1.2	241A	Mo Tay, Goldon baz=109	28.54 302 P	P	00 30 44.3 +1.3
PAL	Palisades	22.98 341 eP	P	P	00 29 49.9 -1.8	S50A	Richmond baz=130	25.21 320 P	P	00 30 13.6 +0.7	SFIN	Lafayette 10.0nm,0.8s	28.56 322 eP	P	00 30 43.5 +0.5
PAL	Palisades	22.98 341 P	P	P	00 29 54.1 +2.4	Z47A	Carrollton baz=116	25.23 308 P	P	00 30 13.1 -0.1	SFIN	Lafayette	28.56 322 P	P	00 30 44.6 +1.6
X52A	Dahlonega	22.99 315 P	P	P	00 29 52.4 +0.5	N54A	Moraine State 30nm,1.1s	25.27 331 P	P	00 30 11.7 -1.7	L47A	Sherwood baz=135	28.59 326 P	P	00 30 43.2 -0.1
LUPA	Lehigh Unvers	23.09 338 eP	P	P	00 29 52.6 -0.3	N54A	Moraine State baz=143	25.27 331 P	P	00 30 14.6 +1.2	N46A	Monticello baz=131	28.69 323 P	P	00 30 44.7 +0.5
350A	Dozier	23.12 305 P	P	P	00 29 53.8 +0.5	P52A	Corning baz=137,SNR=11	25.29 326 P	P	00 30 14.8 +1.1	T43A	Greenville baz=120	28.69 313 P	P	00 30 45.5 +1.2
Z51A	Franklin	23.16 311 P	P	P	00 29 54.2 +0.5	APG	El Apazote 41nm,1.0s,baz=78,slow=5.2,SNR=19	25.35 264 P	P	00 30 17.0 +2.3	S43A	Fulton Ridge, baz=120	28.80 314 P	P	00 30 44.9 -0.3
U51A	Fall Branch	23.25 320 P	P	P	00 29 55.8 +0.2	APG	comp=Z,233nm,21.8s,baz=84,slow=37	25.35 316 P	P	00 40 23.6	Q44A	Meyer Farm, Va baz=125	28.83 317 P	P	00 30 46.5 +1.0
ODNJ	Ogdenburg	23.27 340 eP	P	P	00 29 54.4 -0.3	U49A	Red Boiling Sp baz=125,SNR=8.3	25.35 316 P	P	00 30 14.8 +0.6	V42A	Cord baz=117,SNR=7.5	28.85 310 P	P	00 30 46.5 +0.8
ODNJ	Ogdenburg	23.27 340 eS	S	S	00 34 02.4 -4.9	W48A	Pulaski baz=122	25.36 313 P	P	00 30 15.2 +0.9	Z41A	Richland Creek baz=111	28.87 304 P	P	00 30 45.9 0.0
ODNJ	Ogdenburg	23.27 340 eS	S	S	00 34 09.3 +2.0	O52A	Adamsville baz=138	25.50 328 P	P	00 30 16.3 +0.8	P44A	Sand Creek, Wi baz=126	28.91 319 P	P	00 30 47.0 +0.8
PAGS	Pennsylvania G	23.27 335 eP	P	P	00 29 52.5 -2.2	LBNH	Lisbon 6.1nm,0.9s	25.51 347 eP	P	00 30 14.5 -1.1	U42A	Reverden baz=118	29.00 311 P	P	00 30 48.4 +1.4
W52A	Murphy	23.30 316 P	P	P	00 29 55.4 +0.3	Q51A	Peebles baz=134,SNR=6.6	25.51 324 P	P	00 30 16.7 +1.0	N45A	Kentland baz=130	29.00 311 P	P	00 30 48.8 +1.0
250A	Grady	23.32 307 eP	P	P	00 29 53.7 -1.6	246A	Jackson Lee, B baz=113	25.54 304 P	P	00 30 17.1 +1.2	CMIG	Matias Romero 1.8nm,0.6s,baz=64,slow=8.5,SNR=5.1	29.10 270 P	P	00 30 47.9 -0.2
250A	Grady	23.32 307 P	P	P	00 29 55.6 +0.3	T49A	Edmonton 14nm,1.1s	25.55 318 eP	P	00 30 15.8 -0.3	CMIG	comp=Z,471nm,21.5s,baz=82,slow=37	29.10 270 LR	LR	00 42 47.9
Y51A	Rockmart	23.39 312 P	P	P	00 29 57.3 +1.2	T49A	Edmonton baz=87,SNR=7.5	25.55 318 P	P	00 30 17.3 +1.2	W41B	Gary Mavity, V baz=125	29.20 308 eP	P	00 30 47.7 -1.1
150A	Eclectic	23.43 308 P	P	P	00 29 56.6 +0.2	R50A	Paris baz=131,SNR=12	25.56 321 P	P	00 30 17.3 +1.1	W41B	Gary Mavity, V baz=115	29.20 308 P	P	00 30 49.9 +1.1
N59A	State Game Lan	23.52 338 eP	P	P	00 29 56.3 -0.9	M54A	Oil Creek Stat baz=135	25.56 333 P	P	00 30 17.8 +1.7	O44A	Mansfield baz=138	29.23 320 P	P	00 30 50.4 +1.4
N59A	State Game Lan	23.52 338 P	P	P	00 29 58.0 +0.8	V48A	Smith Brothers 7.4nm,0.9s	25.61 314 eP	P	00 30 16.3 -0.3	WHAR	Wooly Hollow 7.8nm,1.1s	29.28 308 eP	P	00 30 48.5 -1.0
449A	Pace	23.54 303 P	P	P	00 29 58.0 +0.5	V48A	Smith Brothers baz=123	25.61 314 P	P	00 30 17.5 +0.9	Q43A	New Douglas baz=124	29.29 317 P	P	00 30 50.0 +0.5
TKL	Tuckaleechee C	23.54 317 P	P	P	00 29 58.1 +0.5	P51A	Williamsport baz=135	25.69 310 P	P	00 30 17.9 +0.8	X40A	Ben Creek Fa 6.3nm,0.9s	29.36 306 eP	P	00 30 51.0 +0.8
TKL	Tuckaleechee C	23.54 317 S	S	S	00 34 07.4 -4.5	X47A	Russellville baz=119,SNR=14	25.69 310 P	P	00 30 17.7 +0.3	S42A	Caledonia baz=121	29.39 314 P	P	00 30 51.3 +0.9
TKL	Tuckaleechee C	23.54 317 LR	LR	LR	00 39 34.4	146A	Union baz=119	25.73 306 P	P	00 30 18.5 +0.7	V41A	Mountainview baz=116	29.40 309 P	P	00 30 51.0 +0.4
V52A	Sevierville	23.54 318 eP	P	P	00 29 56.8 -0.7	Q50A	Georgetown baz=133	25.74 323 P	P	00 30 19.1 +1.4	N44A	Piper City baz=129	29.43 321 P	P	00 30 52.1 +1.3
V52A	Sevierville	23.54 318 P	P	P	00 29 58.1 +0.6	NCB	Newcomb 3.4nm,0.9s	25.80 343 eP	P	00 30 17.6 -0.6					

5d 0h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GLMI Grayling, S40A Lebanon, V39A Pettigrew, etc.

2012 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like WMOK Wichita Mounta, E40A Wakefield, J37A Redenius Farm, etc.

298

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like X16A Lo Mia Camp, SRU San Rafael Swe, WUAZ Wupatki, etc.

5d 0h

Table with columns for station name, frequency, power, and coordinates. Includes stations like MAJO Matushiro, MAT Matushiro, MJAR Matushiro Arr, etc.

2012 SEP

Table with columns for station name, frequency, power, and coordinates. Includes stations like LZH, HHC, HHC, HHC, HHC, HHC, etc.

300

Table with columns for station name, frequency, power, and coordinates. Includes stations like ZEA Zeya, ZEA Zeya, ZEA Zeya, etc.

5d 0h

Table with columns: DAVOX, LR, LR, 01 37 13.9, and various station names like Davos/Dischmat, SYO, WLF, QSPA, NVAR, etc.

2012 SEP

Table with columns: R49A, 122.07 29 P, PKPdf, 00 54 21.3 -0.7, and station names like Shelbyville, O52A, S48A, etc.

302

Table with columns: SJG, 147.84 24 PKPbc, PKPbc, 00 55 12.6 -0.3, and station names like San Juan, CAPC, ANWP, etc.

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

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

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

5d 3h

2012 SEP

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Kinmen, Chin-men Tao, MHZO, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like WMQ, MK01, MK31, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like NTC, NNS, HGSD, etc.

NIED 05 03:47:00.24:00N:122:30E, h20km, Mw4.1 Best double couple: M1:69000x1015, NP1:256.00000, R:4.00000, ...

NEIC Recorded [1 TAP] in Hualien and Yilan. IDC 05 03:47:22.4:5.0:24:17N:122:47E, h73km, 48km, mb3.8/14, ...

ISC 05 03:47:16.3:0.9:24:01N:0:02:122:35E, 0.02, h19km, 3gkm, m169, s1901/233, mb4.3/23, 19C-6D, Taiwan region

Table with columns: WTP, Ta-pu, 1.77 245 eP, Pn, 03 47 47.3 +1.5, etc. Lists various stations and their coordinates.

Table with columns: SPA0, Spitsbergen Ar, 69.88 348 eP, P, 03 58 24.2 -1.2, etc. Lists stations in the Arctic region.

Table with columns: MKAR, Makanchi Array, 58.29 325 P, P, 04 38 08.8 -0.2, etc. Lists stations in the Middle East and other regions.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZAA1 Zalesovo Array, etc.

IDC 05 05:39:30.9i,3.9,2.0:75S:178.83W,h596km,42km, mb3.1/1,mb1 3.5/11,mb1mx3.2/54,mbtmp4.3/11,Error ellipse: s-maj=55.7km s-min=18.0km az=154.0

ISC 05 05:39:31.7i,1.2,2.0:75S:0.4:179.0W:0.2,h619km, n18, mb3.8/11,Error ellipse: s-maj=61.6km s-min=13.3km az=155.5

ISC 05 05:39:32.6i,1.2,2.0:85S:0.4:178.9W:0.2,h619km,n18, mb3.7/10,mb3.8/11,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, ASAR Ale Springs, etc.

DJA 05 05:57:00.8i,2.0,11'S:23°11'E:az=116km,36km,M3.6/6, ML3.6/6,South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAGI Jajag, GMJI Gumukmas, SRBI Singaraja, etc.

IDC 05 06:27:40.7i,1.4,5.5:2S:152°10'E,h0km,mb4.0/9, mb1 4.2/10,mb1mx3.9/59,mbtmp4.0/10,ML2.5/1,M3S.0/5, Ms1 3.0/5,ms1mx2.7/51,Error ellipse: s-maj=51.6km s-min=18.3km az=125.0

ISC 05 06:27:46.1i,1.1,5.5:5S:0.2:152.0E:0.2,h45km,mb3.9/9, MS3.2/2,Error ellipse: s-maj=40.2km s-min=9.7km az=40.4

ISC 05 06:27:47.2i,1.3,5.6S:0.2:152.1E:0.3,h45km,n15, a:1506/12,mb3.9/9,New Britain region

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

IDC 05 06:33:52.9i,1.9,6.0:02N:153°11'W,h89km,28km,mb3.8/5, mb1 3.9/11,mb1mx3.4/86,mbtmp4.1/11,Error ellipse: s-maj=28.4km s-min=14.5km az=119.0

ISC 05 06:33:53.2i,0.3,6.0:03N:0.03:152.86W:0.05, h119km,3km,mb4.1/5,Error ellipse: s-maj=4.8km s-min=4.0km az=43.0

NEIC 05 06:33:55.2i,0.0,6.0:02N:152°95'W,h112km,ML3.7(AEIC), After AEIC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILIM Iliamna, ILIM Redoubt East F, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SVWZ Sparrevohn, KAHC Katmai Hardscr, KAHC Katmai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, ILB Eielson Array, etc.

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

SOME 05 07:09:24.1,4.0:13N:81°92'E,h5km NNC 05 07:09:24.1,1.9,4.0:15N:82°47'E,h0km,mb3.6,mpv3.3, Error ellipse: s-maj=13.5km s-min=10.5km az=147.0

ISC 05 07:09:27.5i,2.6,4.0:5N:0.1:82.15E:0.09,h10km,n14, a:2516/2,10C-SD,Southern Xinjiang

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

IDC 05 07:09:27.5i,2.6,4.0:5N:0.1:82.15E:0.09,h10km,n14, a:2516/2,10C-SD,Southern Xinjiang

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MK31, MAK2, and MAKZ.

JMA 05 07:10:23.6:0.1, 24.29N:122.15E, h63km, mb3.5/4, ISCJB 05 07:10:24.3:0.4, 24.35N:122.19E, h53km, 5km, Error ellipse: s-maj=4.4km s-min=2.5km az=161.2

TAP 05 07:10:24.2:2.4, 24.37N:122.13E, h59km, ML3.0, C, ISC 05 07:10:24.8:1.2, 24.35N:122.18E, h51km, 8km, n12, c0589/79, Taiwan region

Main table of station data for the 5d 8h period, listing station names, coordinates, and various parameters.

IDC 05 07:26:16.5:3.3, 10.47N:126.20E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3/6/3, mbtmp3.5/4, MS3.8/2, Ms1 3.7/2, ms1mx2.6/43, Error ellipse: s-maj=289.1km s-min=21.8km az=66.0

MS3.7/2, Error ellipse: s-maj=17.9km s-min=9.7km az=43.3, MAN 05 07:26:23.8:1.0, 83N:126.36E, h112km, mb4.4, ML3.2, MS3.1

ISC 05 07:26:22.3:1.3, 10.46N:102.08E:126.6E:0.1, h44km, n12, c261/12, mb3.5/4, 1C-2D, Philippine Islands region

Table of station data for the 2012 SEP period, listing station names, coordinates, and various parameters.

ASRS 05 07:35:11.1, 53.79N:91.12E, M3.2, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014)

NNC 05 07:35:28.1:2.4, 53.51N:90.03E, h0km, mb4.0, mpv3.7, 4C-7D, Error ellipse: s-maj=19.8km s-min=13.6km az=79.0, Suspected Mining explosion., Southwestern Siberia

Table of station data for the 2012 SEP period, listing station names, coordinates, and various parameters.

IDC 05 07:39:04.8:3.1, 5.46S:152.23E, h0km, mb3.8/3, mb1 4.1/4, mb1mx3.6/55, mbtmp3.9/4, ML1.8/1, MS3.2/2, Ms1 3.2/2, ms1mx2.6/49, Error ellipse: s-maj=109.2km s-min=42.6km az=126.0, New Britain region

Table of station data for the 2012 SEP period, listing station names, coordinates, and various parameters.

KRSC 05 07:29:25.1:0.7, 55.73N:162.45E, h60km, 17km, ML3.6, Near east coast of Kamchatka Peninsula

Main table of station data for the 2012 SEP period, listing station names, coordinates, and various parameters.

JMA 05 07:49:57.6:0.2, 37.95N:144.34E, h39km, M3.5, Off east coast of Honshu

Table of station data for the 2012 SEP period, listing station names, coordinates, and various parameters.

IDC 05 07:56:43.3:3.0, 9.97N:125.71E, h0km, mb3.4/4, mb1 3.5/4, mb1mx3/6/6, mbtmp3.4/4, Error ellipse: s-maj=276.2km s-min=21.8km az=66.0, Mindanao

Table of station data for the 2012 SEP period, listing station names, coordinates, and various parameters.

IDC 05 08:05:52.6:6.6, 19.55S:178.54W, h623km, 77km, mb3.0/7, mb1 3.3/7, mb1mx3.0/49, mbtmp4.0/7, Error ellipse: s-maj=102.6km s-min=28.7km az=152.0, Fiji Islands region

Table of station data for the 2012 SEP period, listing station names, coordinates, and various parameters.

DDA 05 08:06:26.4, 0.3780N:38.25E, h7km, ML2.6, ISK 05 08:06:26.1, 37.77N:38.15E, h14km, ML1.7/6, ISC 05 08:06:26.5:1.3, 37.80N:38.21E, h10km, 12km, n12, c0880/18, Turkey

Table of station data for the 2012 SEP period, listing station names, coordinates, and various parameters.

MAN 05 08:10:22.6, 10.36N:126.86E, h99km, mb4.5, ML3.3, MS3.2, 2C, Philippine Islands region

Table of station data for the 2012 SEP period, listing station names, coordinates, and various parameters.

BER 05 08:24:46.4:0.4, 67.93N:15.52E, h28km, 1km, ML1.1, UPP 05 08:25:47.8:1.2, 67.65N:15.37E, h0km, ML2.5, ISC 05 08:25:46.6:2.0, 67.7N:0.1:15.09E:0.05, h8km, 18km, n9, c0599/17, Northern Norway

Table of station data for the 2012 SEP period, listing station names, coordinates, and various parameters.

IDC 05 08:34:12.9:1.0, 10.29N:126.99E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.7/62, mbtmp3.9/9, Error ellipse: s-maj=58.4km s-min=18.2km az=76.0, ISCJB 05 08:34:14.0:0.8, 10.32N:127.05E:0.07, h20km, mb3.9/9, Error ellipse: s-maj=13.5km s-min=10.3km az=176.9

MAN 05 08:34:14.9:1.0, 10.48N:127.12E, h46km, mb4.5, ML3.3, MS3.2

ISC 05 08:34:15.9:1.0, 10.3N:101.126:88E:0.09, h20km, n12, c085/13, mb4.0/9, 1C, Philippine Islands region

Table of station data for the 2012 SEP period, listing station names, coordinates, and various parameters.

Table with columns: MKAR, KURBB, BVAR, ARCES, FINES. Includes station names, coordinates, and status.

MEX 05 08:58:54.5-0.5, 14.35N-93.84W, h16km, 24km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like PCIG, THIG, TGIG, CCIG, HUIG, VHO, PNIG.

IDC 05 09:00:35.7-1.4, 10.73Sx113.71E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.759, mbtmp3.8/6, Error ellipse:

s-maj=53.6km s-min=20.7km az=59.0

ISCJB 05 09:00:37.3-1.2, 10.75S-113.75E-0.3, h23km, mb3.8/6, Error ellipse: s-maj=45.9km s-min=16.5km az=147.4

ISC 05 09:00:39.3-1.3, 10.75S-113.8E-0.3, h23km, n9, s=0569/6, mb3.9/6, South of Java

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like WRA, ASAR, CMAR, H08S2, H08S3, H08S1, USRK, SONMI, VANDA.

SOME 05 09:05:45.2, 43.38N-70.15E, h5km

NNC 05 09:05:46.1, 0.2 43.33N-70.22E, h0km, mb3.3, mpv2.6, Error ellipse: s-maj=2.7km s-min=1.1km az=48.0, Suspected Mining explosion.

ISC 05 09:05:45.0-1.7, 43.44N-70.33E-0.06, h0km, n15, s=078/29, 15C-7D, Central Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like KK09, KK05, KK04, KK08, KK01, KK03, KK02, KK31, KK31, KK07, KK06, BRLS, MNAS, MRKS, KST, KUU, KUU.

IDC 05 09:08:29.4-3.7, 44.33N-86.83E, h0km, mb1 3.1/4, mb1mx3.0/78, mbtmp3.1/4, ML2.6/4, Error ellipse:

s-maj=45.6km s-min=25.9km az=21.0

SOME 05 09:08:32.5, 44.18N-86.55E, h5km

NNC 05 09:08:32.6, 7.3 44.18N-86.71E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=52.0km s-min=31.8km az=104.0

ISC 05 09:08:31.0-1.6, 44.21N-87.01E-0.08, h10km, n12, s=2503/13, 7C-1D, Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like ZSN, MK31, MK31, MKAR, MKAR, MAKZ, MAKZ, KTM5, KTM5, DJR, DJR, PDGK, PDGK, KURBB, KURBB, KURBB, KURK.

Table with columns: ZALV, ZALV, SONM. Includes station names, coordinates, and status.

IDC 05 09:24:26.1-0.7, 14.52N-93.54W, h0km, mb4.4/25, mb1 4.6/27, mb1mx4.5/50, mbtmp4.4/27, ML3.9/2, MS3.8/19, Ms1 3.7/19, ms1mx3.7/19, ms1tmp3.7/19, Error ellipse: s-maj=26.0km s-min=11.0km az=52.0

MEX 05 09:24:29.7-0.6, 14.34N-93.79W, h21km, 25km, MD4.3

NEIC 05 09:24:29.7-0.0, 14.34N-93.79W, h21km, mb4.5/17, MD4.3(MEX), After MEX.

ISC 05 09:24:31.8-0.6, 14.49N-105.9374W-0.04, h40km, 5km, n553, s=1663/550, mb4.4/166, MS3.7/17, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like PCIG, CCIG, HUIG, CMIG, APG, TUG, TUIG, VHO, PNIG, TLIG, LVIG, UNM, ESTN, MYIG, TEIG, BOAC, MOIG, JROG, JSPG, JTS, JNTS, HDC, LNLG, ZALG, WBCV, 833A, 833A, HKT, 435B, 435B, HPIG, 341A, 341A, JCT, JCT, 059A, 344A, NATX, TXAR, TXAR, TX31, 241A, 348A, 244A, VBMS, VBMS, 757A, 142A, 140A, 143A, 145A, 249A, 453A, 146A, 146A, 454A, 556A, 240A, 241A, 241A, 352A, 147A, 147A, ABTX.

Table with columns: ABTX, 353A, 148A, 455A, Z44A, UREC, 251A, 149A, Z46A, Z45A, Z45A, TIGA, 252A, Z47A, 150A, LRAL, LRAL, Z48A, Y44A, Y45A, HELC, Z49A, ZARC, Y46A, 254A, 152A, X39A, MIAR, MIAR, Z50A, Z50A, Y47A, X43A, X43A, GDL2, MNTX, MNTX, X45A, Y48A, UALR, GUYC, Z51A, OXF, OXF, Y49A, Y49A, Z52A, 154A, 154A, X46A, NORC, W39A, W39A, W40A, W40A, Y50A, X47A, W41B, W41B, TOLC, WMOK, WMOK, OTAV, OTAV, WHAR, X48A, X48A, Y51A, Z53A, SOTA, PCON, CRUC, GOGA, GOGA, MARP, X49A, PLAL, MSTX, W46A, W46A, Z54A, X50B, Y52A, V40A, V40A, V41A, V39A, V42A, Y53A, ROSC, ROSC.

5d 9h

Table with columns: Call Sign, Name, Frequency, Power, Direction, Date, Time, and other details. Includes entries like ROSC El Rosal, W474 Westpoint, TUL1 Leonard, etc.

2012 SEP

Table with columns: Call Sign, Name, Frequency, Power, Direction, Date, Time, and other details. Includes entries like TAZT Tazewell, T50A Nancy, R41A Rosebud, etc.

316

Table with columns: Call Sign, Name, Frequency, Power, Direction, Date, Time, and other details. Includes entries like N42A Yates City, GLA Glamis, N43A Stutzman Famil, etc.

Table with columns: SPMM, Marine on St., 30.64, 1, P, P, 09 30 41.0 -1.3, etc. Includes stations like TCUT, GRAC, G39A, etc.

Table with columns: NEW, Newport, 38.82, 335, P, P, 09 31 53.7 +0.7, etc. Includes stations like NEW, NEW, C09A, etc.

DJA 05:09:26:41.2, 1.4, 2, N:6°12'1E, h11km, m3.6/6, MLV3.6/6, Minahasa Peninsula, Sulawesi

IDC 05:09:31:18:6.4, 4, 5, 19S:68.88E, h0km, mb3.6/4, mb1 3.8/4, mlb1mx3.4/71, mhtmp3.6/4, Error ellipse: s-maj=159.9km s-min=29.6km az=60.0, Chagos Archipelago region

Table with columns: H08N2, Diego Garcia H, 2.39, 118, T, T, 09 34 28.2, etc. Includes stations like H08N2, H08N1, H08S3, etc.

AZER 05:09:33:43.8:0.0, 38:46N:46:67E, h6km, ml4.2/27, Error ellipse: s-maj=2.4km s-min=0.8km az=7.0, ISN 05:09:33:44.7:1.3, 32:50N:46:37E, h0km, 74km, ML3.9, TEH 05:09:33:45.6, 38:45N:46:70E, h6km, ML3.9, NEIC 05:09:33:45.8:0.0, 38:41N:46:70E, h5km, mb4.1/1, MN3.9(TEH), After TEH, IDC 05:09:33:46.4:1.1, 38:43N:46:32E, h0km, mb4.0/8, mb1 4.1/12, mb1mx3.8/64, mhtmp4.0/12, ML3.2/4, MS3.2/7, Ms1 3.3/7, ms1mx2.9/63, Error ellipse: s-maj=23.4km s-min=10.0km az=12.0, MOS 05:09:33:46.0:1.8, 38:35N:46:90E, h10km, mb4.2/11, Error ellipse: s-maj=8.9km s-min=5.7km az=108.5, THR 05:09:33:46.7:0.4, 38:52N:46:73E, h18km, 6km, ML3.8, DDA 05:09:33:54.6, 38:36N:46:14E, h24km, M3.5, ISC 05:09:33:46.7:1.1, 38:47N:0:02:46:73E:0:01, h1km, 8km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, etc. Includes stations like Heris, Marand, Ordubad, etc.

Table of station data for the 5d 10h period, including station names like CUKT, GEVA, XNQ, etc., and their corresponding coordinates and parameters.

Table of station data for the 2012 SEP period, including station names like WSAR, BZS, OTUK, etc., and their corresponding coordinates and parameters.

Table of station data for the IDC 05 10:19:35.1.1.7, 1.04N, 123.50E, h0km, mb3.6/3, etc., including station names like OFUJ, JMK, etc., and their corresponding coordinates and parameters.

341A	Kurthwood	16.83	2	P	Pn	10 49 48.3	-1.1
JCT	Junction City	16.91	342	ePn	Pn	10 49 50.8	+0.4
JCT	Junction City	16.91	342	P	Pn	10 49 50.9	+0.4
342A	Flagon Creek P	16.92	4	ePn	P	10 49 50.7	+0.2
TXAR	Lajitas Array	17.43	330	P	P	10 49 58.2	+0.3
TXAR	Lajitas Array	17.43	330	P	LR	10 56 50.5	
TX31	Lajitas Ar. St	17.43	330	ePn	Pn	10 49 58.3	+0.3
242A	Grayson	17.61	5	P	P	10 49 58.3	-0.8
244A	Avery, Jackson	17.75	9	P	Pn	10 50 00.5	-0.5
BRAL	Brewton	17.76	19	P	Pn	10 50 00.6	-0.4
WHTX	Lake Whitney,	17.80	350	ePn	Pn	10 50 00.3	-1.2
WHTX	Lake Whitney,	17.80	350	P	Pn	10 50 00.6	-0.9
VBMS	Vicksburg	17.95	9	P	P	10 50 03.0	-0.4
757A	Oxford	18.06	35	P	Pn	10 50 03.2	-1.4
142A	Monroe	18.11	5	P	P	10 50 05.1	-0.2
452A	Marianna	18.15	24	P	Pn	10 50 06.6	+0.8
247A	Outman	18.16	14	P	Pn	10 50 05.9	0.0
350A	Dozier	18.23	21	P	P	10 50 06.1	-0.6
248A	Dixon Mills	18.43	16	P	P	10 50 08.8	-0.1
249A	Camden	18.49	18	P	P	10 50 09.1	-0.5
655A	McAlpin	18.52	31	P	P	10 50 09.3	-0.2
557A	Interlachen	18.66	34	P	P	10 50 11.3	-0.6
556A	Lake Butler	18.71	32	P	P	10 50 11.7	-0.2
241A	Richland Creek	18.76	3	eP	Pn	10 50 17.2	+4.0
241A	Richland Creek	18.76	3	P	Pn	10 50 12.8	-0.3
350A	Grady	18.77	20	P	P	10 50 12.7	+0.1
252A	Blakely	18.80	24	P	Pn	10 50 13.6	-0.1
147A	Livingston	18.84	15	P	Pn	10 50 14.2	0.0
658A	Bunnell	18.88	36	P	P	10 50 13.3	-0.6
ABTX	Abielene, Hawle	18.88	345	eP	P	10 50 13.8	-0.1
ABTX	Abielene, Hawle	18.88	345	P	Pn	10 50 14.7	-0.1
353A	Camilla	18.98	26	P	P	10 50 14.6	-0.4
148A	Greensboro	18.99	16	P	P	10 50 15.0	-0.1
244A	Pea Ridge, Bel	19.00	9	P	Pn	10 50 15.7	-0.4
251A	Midway	19.17	22	P	P	10 50 17.0	-0.1
149A	Jones	19.17	18	P	P	10 50 16.7	-0.3
246A	Louisville	19.19	12	P	P	10 50 17.2	0.0
245A	Winona	19.21	10	P	Pn	10 50 18.1	-0.5
252A	Lumpkin	19.34	24	P	P	10 50 18.2	-0.7
247A	Carrollton	19.39	15	P	P	10 50 19.5	+0.1
150A	Eclectic	19.42	20	P	P	10 50 19.2	-0.7
Y40A	Okolona	19.50	1	P	P	10 50 20.9	+0.3
LRAL	Lakeview Retre	19.52	17	eP	P	10 50 19.9	-0.9
LRAL	Lakeview Retre	19.52	17	P	P	10 50 20.7	-0.1
151A	Opekila	19.59	22	P	P	10 50 21.9	+0.3
Z48A	Northport	19.69	16	P	P	10 50 22.6	0.0
Y45A	Yeager Farm, C	19.72	10	P	P	10 50 22.8	-0.3
Z49A	Columbiana	19.80	18	P	P	10 50 23.8	-0.1
Y46A	Houston	19.87	12	P	P	10 50 24.5	-0.2
254A	Abbeville	19.89	27	P	P	10 50 24.2	-0.7
152A	Waverly Hall	19.94	23	P	P	10 50 24.3	-1.2
X40A	Basin Creek Fa	19.99	2	P	P	10 50 25.2	-0.7
X39A	Fountain Ranch	19.99	359	P	P	10 50 26.4	+0.3
MIAR	Mount Ida	20.03	0	eP	P	10 50 25.3	-1.0
MIAR	Mount Ida	20.03	0	P	P	10 50 26.1	-0.3
Z50A	Ashland	20.05	20	eP	P	10 50 26.0	-0.6
Z50A	Ashland	20.05	20	P	P	10 50 26.1	-0.5
Y47A	UCPARC, Winfie	20.11	14	P	P	10 50 27.1	-0.2
GD2L	Guadalupe Moun	20.16	333	eP	Pn	10 50 29.3	-0.7
X43A	Marvell	20.17	7	eP	P	10 50 26.1	-1.8
X43A	Marvell	20.17	7	P	P	10 50 27.9	0.0
MNTX	Cornudas Mount	20.21	330	eP	P	10 50 28.2	-0.1
MNTX	Cornudas Mount	20.21	330	P	P	10 50 28.1	-0.3
X44A	Crenshaw	20.25	9	P	P	10 50 28.6	-0.2
255A	Hazlehurst	20.25	29	P	P	10 50 28.2	-0.6
U5AL	University of	20.30	3	eP	P	10 50 28.6	-0.7
Y48A	Jasper	20.30	16	P	P	10 50 28.7	-0.6
OXF	Oxford	20.38	10	eP	P	10 50 28.5	-1.7
OXF	Oxford	20.38	10	P	P	10 50 29.7	-0.4
Y49A	Blount Mountai	20.46	18	P	P	10 50 30.3	-0.8
Z52A	Williamson	20.52	23	P	P	10 50 31.7	-0.1
X46A	Booneville	20.58	12	P	P	10 50 32.9	+0.6
W39A	Magazine	20.68	360	P	P	10 50 33.6	+0.2
W40A	Ferguson Farm,	20.68	2	P	P	10 50 33.2	-0.3
W41B	Gary Mavity, V	20.70	4	eP	P	10 50 33.2	-0.4
W41B	Gary Mavity, V	20.70	4	P	P	10 50 33.2	-0.4
Y50A	Piedmont	20.70	19	P	P	10 50 33.9	+0.2
X47A	Russelville	20.70	14	P	P	10 50 33.2	-0.5
OTAV	Otavalo	20.70	132	P	P	10 50 32.6	-1.7
WMOK	Wichita Mounta	20.72	348	eP	P	10 50 33.3	-0.6
WMOK	Wichita Mounta	20.72	348	P	P	10 50 33.1	-0.8
WHAR	Wooly Hollow	20.81	3	eP	P	10 50 34.1	-0.7
X48A	Hartselle	20.84	16	eP	P	10 50 33.5	-1.7
X48A	Hartselle	20.84	16	P	P	10 50 34.1	-1.0
Y51A	Rockmart	20.93	21	P	P	10 50 34.5	-1.7
Z53A	Monticello	20.93	25	P	P	10 50 33.9	-2.3

baz=209	GOGA Godfrey	21.09	25	eP	P	10 50 37.1	-0.7
baz=1,0s	GOGA Godfrey	21.09	25	P	P	10 50 36.1	-1.8
baz=209	MSTX Muleshoe	21.09	339	eP	P	10 50 37.8	-0.2
35nm,0.9s	MSTX Muleshoe	21.09	339	P	P	10 50 38.9	+0.9
baz=153,SNR=14	X49A Woodville	21.09	17	P	P	10 50 36.8	-1.2
baz=200,SNR=6.0	PLAL Pickwick Lake	21.10	13	eP	P	10 50 37.0	-1.0
36nm,1.6s	W46A	21.18	12	P	P	10 50 38.5	-0.3
baz=195	Z54A Sparta	21.19	26	P	P	10 50 38.7	-0.3
baz=210	X50B Fort Payne	21.25	19	P	P	10 50 39.5	-0.1
baz=202	Y52A Lilburn	21.25	23	eP	P	10 50 38.0	-1.6
18nm,0.8s	Y52A Lilburn	21.25	23	P	P	10 50 38.7	-1.0
baz=197	V40A Witts Springs	21.30	2	eP	P	10 50 40.7	+0.5
9.5nm,0.8s	V40A Witts Springs	21.30	2	P	P	10 50 39.5	-0.7
baz=183,SNR=5.0	V41A Mountainview	21.31	4	P	P	10 50 39.5	-0.8
baz=184,SNR=14	V39A Pettigrew	21.32	0	P	P	10 50 39.8	-0.5
baz=180,SNR=16	R42C Cotuit	21.39	5	P	P	10 50 40.8	-0.3
baz=186	V40C El Rosal	21.40	115	P	P	10 50 44.3	+2.5
5.9nm,0.5s, baz=332, slow=15, SNR=5.8	ROSC El Rosal	21.40	115	eP	P	10 50 41.6	-0.2
36nm,1.4s	SRIG Santa Rosalia	21.46	310	eP	P	10 50 44.1	+2.2
88nm,2.0s	W47A Westpoint	21.46	14	P	P	10 50 41.0	-0.8
baz=197	TUL1 Leonard	21.46	356	eP	P	10 50 42.3	+0.4
13nm,0.8s	TUL1 Leonard	21.46	356	P	P	10 50 42.1	+0.2
baz=175,SNR=5.1	Z55A Blythe	21.49	27	P	P	10 50 40.9	-1.2
baz=212	W48A Pulaski	21.52	15	P	P	10 50 40.8	-1.7
baz=198,SNR=5.8	HSIG	21.53	315	eP	P	10 50 44.4	+1.8
6.7nm,0.9s	AMTX Amarillo	21.58	342	eP	P	10 50 43.1	-0.1
24nm,0.6s	AMTX Amarillo	21.58	342	P	P	10 50 43.1	-0.1
baz=198	W49A Belvidere	21.68	17	P	P	10 50 43.1	-1.1
baz=200,SNR=7.0	HHAR Hobbs	21.76	360	eP	P	10 50 45.1	+0.1
22nm,0.6s	Y54A Tignall	21.80	26	P	P	10 50 44.1	-1.4
baz=210	U40A Yellowville	21.85	2	P	P	10 50 45.1	-0.9
baz=198,SNR=11	U39A Green Forest	21.86	1	P	P	10 50 45.8	-0.3
baz=181,SNR=15	SWET Sewanee	21.87	17	eP	P	10 50 45.0	-1.3
7.1nm,0.7s	SWET	21.87	17	eP	P	10 50 56.4	+0.6
baz=195,SNR=6.6	V46A Holladay	21.88	12	eP	P	10 50 43.9	-2.4
U41A Viola	21.88	4	P	P	10 50 46.1	-0.3	
baz=185,SNR=11	U42A Revenden	21.95	5	P	P	10 50 45.9	-1.1
baz=187,SNR=5.3	X52A Dahlonega	21.98	22	P	P	10 50 47.0	-0.4
baz=206	V47A Nussally	22.03	14	P	P	10 50 47.0	-1.0
baz=196	W50A Signal Mountai	22.04	19	P	P	10 50 47.4	-0.7
baz=202	319A Douglas	22.05	322	eP	P	10 50 50.2	+1.7
7.7nm,0.8s	121A Cooke Peak, D	22.09	327	P	P	10 50 50.5	+1.7
baz=142,SNR=44	X53A Estanollee	22.11	24	P	P	10 50 47.9	-1.0
baz=200	V48A Smith Brothers	22.12	15	eP	P	10 50 47.2	-1.7
12nm,1.0s	V48A Smith Brothers	22.12	15	P	P	10 50 47.3	-1.6
baz=181,SNR=5.5	W51A Cleveland	22.18	20	P	P	10 50 49.1	-0.5
baz=204	WVT Waverly	22.25	13	eP	P	10 50 49.0	-1.4
6.9nm,0.8s	WVT Waverly	22.25	13	P	P	10 50 49.5	-0.8
baz=195	V49A McMinnville	22.39	17	P	P	10 50 50.5	-1.3
baz=200	U46A Springville	22.40	12	P	P	10 50 49.9	-2.1
baz=194	PARMO Parma	22.43	8	eP	P	10 50 52.1	-0.1
26nm,0.9s	PBMO Poplar Bluff	22.45	7	eP	P	10 50 51.2	-1.3
baz=198	T39A Clever	22.50	1	P	P	10 50 52.7	-0.3
baz=181,SNR=29	T38A Diamond	22.52	359	P	P	10 50 51.6	-1.5
baz=179,SNR=13	V50A Pikeville	22.54	19	P	P	10 50 51.9	-1.5
baz=202	T41A Mountain View	22.59	4	P	P	10 50 52.4	-1.6
baz=185,SNR=6.8	T42A Van Buren	22.63	6	eP	P	10 50 52.8	-1.6
8.2nm,0.9s	T42A Van Buren	22.63	6	P	P	10 50 51.7	-2.7
baz=187	U47A Clarksville	22.67	14	P	P	10 50 52.2	-2.6
baz=198	BG3 Lake Jocassee	22.68	24	eP	P	10 50 53.6	-1.4
16nm,1.0s	T43A Greenville	22.77	7	P	P	10 50 53.7	-2.1
baz=189,SNR=9.7	BANI BANI	22.80	77	eP	P	10 50 56.5	+0.1
baz=187	BNM Barren Site	22.82	332	eP	P	10 50 57.6	+1.0
baz=195	U48A Cassie Pea, Po	22.92	15	P	P	10 50 55.1	-2.3
baz=198	LPM Los Pinos Moun	22.95	332	eP	P	10 50 59.5	+1.4
baz=200,SNR=3.5	TKL Tuckaleechee C	22.96	21	P	P	10 50 56.8	-1.2
1.8nm,0.5s, baz=253, slow=14, SNR=3.5	TKL			LR		11 01 45.1	
comp=Z,176nm,19.7s, baz=201, slow=42	TKL Tuckaleechee C	22.96	21	eP	P	10 50 56.6	-1.3
9.1nm,1.0s	LENM Lemitar	22.99	331	eP	P	10 50 59.6	+1.2
baz=183,SNR=7.6	S40A Lebanon	23.10	3	P	P	10 50 56.5	-2.8
baz=180,SNR=15	S38A Stockton	23.11	360	P	P	10 50 57.6	-1.7
baz=200,SNR=16	T46A Princeton	23.12	12	P	P	10 50 56.7	-2.7
baz=185,SNR=7.7	U49A Red Boiling Sp	23.12	17	P	P	10 50 56.0	-3.5
baz=200,SNR=5.1	S41A Jillico Farms,	23.13	4	P	P	10 50 57.5	-2.1
baz=185	S39A Bolivar	23.17	1	P	P	10 50 58.1	-1.9
32nm,1.0s	S39A Bolivar	23.17	1	P	P	10 50 58.1	-1.9
baz=181,SNR=25	T47A Sharon Grove	23.24	14	eP	P	10 50 57.9	

5d 10h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like N37A Lee Faris, O45A Potomac, N38A Joe South, etc.

2022 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like R11A Troy Canyon, G38A Riland, TCUT Toone Canyon, etc.

2022 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like RPN Rapa Nui, SCHO Schefferville, YKA Yellowknife, etc.

RSNC 05 10:53:43.0; 0.9; 6.80N; 73.13W; h148km; 5km; ML2.9,

Mw3.6, 3D, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like BARC Barichara, GIRC Giron, BRRC Barranca, etc.

IDC 05 10:58:15.6; 0.7; 11.59N; 126.72E; h0km; mb4.1/13, m1 4.2/15, m1mx4.0/6.4, mbmp4.1/15, ML3.7/2, MS3.1/8, Ms1 3.1/8, ms1mx2.8/6.1, Error ellipse: s-maj=30.3km s-min=13.1km az=72.0
ISCJB 05 10:58:19.0; 0.3; 11.61N; 0.03; 126.71E; 0.03; h40km, mb4.4/22, Error ellipse: s-maj=4.8km s-min=4.2km az=41.8
MAN 05 10:58:20.0; 11.72N; 126.56E; h24km; mb4.9, ML3.8, MS3.9
NEIC 05 10:58:20.4; 0.3; 11.60N; 126.74E; h35km; mb4.9, Error ellipse: s-maj=23.7km s-min=4.6km az=75.0
ISCN 05 10:58:21.1; 0.5; 11.58N; 126.67E; 0.06; h40km; n61, s=109.65, mb4.4/22, 2C, Philippine Islands region

2012 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Suao, Hengchun, NSY, EOST, Nioudou, TSEB, etc.

Table with columns: APYN, ARE1, COPN, YCR, ESPN, MCMN, CNGN, CNGN, JCR, BUS. Includes stations like Apoyeque, Arenal, Copalpete, etc.

NEIC 05 11:55:42.2,0.0,31.31N;115.40W,h6km,MD3.1(E/CX), ML2.9(PAS),After ECX. ECX 05 11:55:42.0,6.31.31N;115.40W,h6km,MD2.9,ML3.1 MEX 05 11:55:43.7,0.6,31.16N;115.31W,h20km,17km,MD3.4

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EI Chinero, EI Zacaton, Esteban Cantu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mexicali, Mexicali, Punta Banda, La Rumorosa, Cerro Bola, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like In-Ko-Pah, Jicajau, Barrett, Barrett, etc.

ISCJB 05 12:01:28.8,0.5,7.44S;0.05x129.09E;0.07,h131km, mb3.8/10, Error ellipse: s-maj=10.3km s-min=7.2km az=177.0

IDC 05 12:01:31.0,2.2,7.35S;129.00E,h130km,20km,mb3.7/10, mb1 3.8/13, mb1mx3.6/55, mbtmp4.2/13, MSJ2/2, Ms1 3.2/2, ms1mx2.5/53, Error ellipse: s-maj=21.1km s-min=13.4km az=83.0

ISC 05 12:01:29.9,0.7,7.46S;0.06x129.18E;0.10,h131km,n15, az=230/18, mb3.8/10, Banda Sa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Baumata, Sorong, Fitzroy Crossi, etc.

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

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

MEX 05 12:04:38.8,0.3,15.77N;.94:50W,h16km,4km,MD3.9, Near coast of Oaxaca

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Comitán, Vista Hermosa, Pinotepa, Tehuacfan, etc.

ISK 05 12:09:15.5, 40.61N;36.60E, h5km, ML2.2/8, ISCJB 05 12:09:16.5, 5.0, 40.60N;0.03;36.60E;0.04, h5km, 5km, Error ellipse: s-maj=4.9km s-min=4.3km az=172.6

DDA 05 12:09:16.3, 40.60N;36.62E, h7km, ML2.5, ISC 05 12:09:16.5, 1.0, 40.61N;0.03;36.59E;0.03, h6km, 10km, n14, c0:72/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Erbaa, Tokat, Tokat, Kavak, Karacayir, Havza, Samsun-Alacam, etc.

ISK 05 12:13:05.5, 38.72N;43.16E, h9km, ML2.2/5, DDA 05 12:13:06.6, 38.71N;43.18E, h7km, ML2.8, ISC 05 12:13:06.8, 1.1, 38.72N;0.04;43.16E;0.04, h11km, 10km, n12, c1:11/19, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Van, Van, Van, Muradiye, Gevas, Caldiran, Caldiran, Tutak, etc.

IDC 05 12:17:16.1, 1.1, 1.26N;128.27E, h0km, mb3.3/4, mb1 3.4/5, mb1mx3.3/56, mbtmp3.5/5, ML2.8/1, Error ellipse: s-maj=60.1km s-min=18.9km az=57.0, Halimahera

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

ISCJB 05 12:27:53.9, 0.5, 38.69N;0.03;28.06E;0.03, h1km, 6km, Error ellipse: s-maj=4.4km s-min=3.9km az=21.1, ISC 05 12:27:53.6, 38.70N;28.07E, h9km, ML2.3/11, DDA 05 12:27:54.2, 38.69N;28.07E, h9km, ML2.7

ISC 05 12:27:54.2, 1.0, 38.70N;0.03;28.07E;0.03, h11km, 9km, n18, c0:37/27, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Akhisar, Manisa, Kula-Manisa, Balikesir, Zeytinok-Aydi, Balcova, Balikesir, Dursunbey, Dursunbey, Dursunbey, Dursunbey, etc.

MAN 05 12:48:54.2, 11.50N;125.35E, h13km, mb3.9, ML2.7, MS2.4, 1C, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Borongan, Palo, Catarmán, Maasin, etc.

ISCJB 05 12:58:55.9, 0.8, 15.9S;0.2;177.5W;0.1, h350km, mb3.5/7, Error ellipse: s-maj=30.9km s-min=10.3km az=157.7, IDC 05 12:58:56.6, 2.3, 15.87S;177.42W, h349km, 45km, mb3.4/7, mb1 3.5/8, mb1mx3.2/31, mbtmp4.1/8, Error ellipse: s-maj=44.0km s-min=23.5km az=35.0

ISC 05 12:58:56.7, 1.0, 15.9S;0.3;177.4W;0.1, h350km, n8, c0:98/9, mb3.4/7, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Afiamalu, Afiamalu, Urewera, Stephens Creek, Warramunga Arr, Alice Springs, Fitzroy Crossi, Vanda, MAW, etc.

UCR 05 11:50:03.2, 1.6, 11.44N;.85:49W, h176km, 9km, MD3.5, ML2.4, 1C, Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Buenos Aires, Finca Las Im, Finca la Perla, Mesas, Universidad de, Cuiplapa, etc.

5d 13h

Table with columns: Station, Frequency, Power, Direction, and other metrics. Includes stations like Labuha, Ternate, Ternate, etc.

2012 SEP

Table with columns: Station, Frequency, Power, Direction, and other metrics. Includes stations like POHA, HATHI, NWAOW, etc.

324

Table with columns: Station, Frequency, Power, Direction, and other metrics. Includes stations like TATO, TATO, TATO, etc.

MOD	Modoc Plateau	86.14	46	eP	P	13 21 48.0	-1.5
MOP2	Monument Peak	86.15	55	P	P	13 21 48.0	-1.8
BBRC	Big Bear Solar	86.17	54	P	P	13 21 48.6	-1.2
FRD	Ford Ranch, An	86.19	55	P	P	13 21 47.6	-2.2
BONR	Boundary Peak	86.27	50	eP	P	13 21 48.5	-1.8
BONR	Boundary Peak	86.27	50	eP	P	13 21 48.5	-1.8
DAC	Darwin (Calif)	86.27	52	eP	P	13 21 50.6	+0.4
DAC	comp=Z,5um,21.0s				LR		
MPMC	Manual Prospec	86.28	52	P	P	13 21 48.3	-2.1
RRX	Edison Barstow	86.29	53	P	P	13 21 48.8	-1.4
I05D	Terrebonne, OR	86.30	43	P	P	13 21 49.8	-0.3
RYN	Ryan	86.32	49	eP	P	13 21 49.0	-1.4
RYN	comp=Z,22nm,0.8s				LR		
E04D	Cinebar	86.33	41	P	P	13 21 48.6	-1.4
IKF	In-Ko-Pah, Jac	86.33	56	P	P	13 21 49.2	-1.2
PFO	Pinyon Flats O	86.33	55	eP	P	13 21 49.7	-0.9
PFO	comp=Z,25nm,1.4s				MLR		
PFO	comp=Z,4um,20.0s				MLR		
PFO	Pinyon Flats O	86.33	55	P	P	13 21 49.0	-1.6
XPFO	Piazon Flat	86.34	55	eP	P	13 21 49.6	-1.0
XPFO	comp=Z,22nm,1.3s				LR		
D03D	Eldon	86.37	40	P	P	13 21 50.1	-0.1
PINE	Pine Mountain	86.38	44	eP	P	13 21 49.1	-1.4
PINE	comp=Z,33nm,0.8s				LR		
PINE	comp=Z,4um,19.0s				LR		
WHY	Whitehorse	86.40	25	PFAKE	LR	13 22 00.0	+1.0
WHY	comp=Z,7um,18.0s				LR		
NV01	Mina Array Sit	86.42	50	eP	P	13 21 50.0	-1.0
NVAR	Mina Array Bea	86.42	50	P	P	13 21 50.6	+0.4
NVAR	comp=Z,25nm,0.9s,baz=241,slow=4.3,SNR=104				LR		
NVAR	comp=Z,5um,18.5s,baz=101,slow=32				LR		
FYU	Fort Yukon	86.43	17	PFAKE	LR	13 22 00.0	+1.0
FYU	comp=Z,5um,20.0s				LR		
EGAK	Eagle	86.52	20	eP	P	13 21 49.2	-1.4
EGAK	comp=Z,49nm,1.0s				LR		
EGAK	comp=Z,3um,19.0s				LR		
NV11	Mina Array Sit	86.53	50	eP	P	13 21 50.1	-1.3
NV11	comp=Z,3.7nm,1.1s				LR		
GSC	Goldstone, Bar	86.57	53	eP	P	13 21 51.0	-0.6
GSC	comp=Z,400nm,19.0s				LR		
GSC	Goldstone, Bar	86.57	53	eP	P	13 21 51.0	-0.6
GSC	comp=Z,80nm,1.8s				LR		
GSC	Goldstone, Bar	86.57	53	eP	P	13 21 51.0	-0.6
GSC	comp=Z,80nm,1.8s				MLR		
GSC	comp=Z,3um,20.0s				MLR		
PGC	Sidney	86.59	39	eP	P	13 21 51.5	+0.3
PGC	comp=Z,125nm,1.9s				P		
BOK	Bokaro	86.60	295	eP	P	13 21 50.9	-1.0
G05D	Wamic, OR	86.65	42	P	P	13 21 50.5	-1.2
SWSC	Sam W. Stewart	86.66	55	P	P	13 21 50.8	-1.2
GRAC	Grapevine Rang	86.67	51	P	P	13 21 51.1	-0.9
DAWY	Dawson	86.67	21	eP	P	13 21 51.7	+0.3
DAWY	comp=Z,47nm,1.5s				LR		
TOLK	Toolik Lake Re	86.73	15	eP	P	13 21 51.8	+0.2
TOLK	comp=Z,8um,22.0s				LR		
TOLK	Toolik Lake Re	86.73	15	P	P	13 21 51.3	-0.3
TOLK	comp=Z,6um,22.0s				LR		
KVN	Kaiserville	86.77	49	eP	P	13 21 51.6	-1.1
KVN	comp=Z,21nm,0.8s				LR		
KVN	Kaiserville	86.77	49	eP	P	13 21 51.6	-1.1
KVN	comp=Z,5um,19.0s				MLR		
KVN	comp=Z,21nm,0.8s				MLR		
HEC	Hector,Ludlow	86.80	53	P	P	13 21 51.8	-0.9
BELC	Belle Mtn, Jos	86.82	54	P	P	13 21 51.9	-1.0
LON	Longmire	86.88	41	eP	P	13 21 51.9	-0.9
LON	comp=Z,33nm,1.4s				LR		
LON	Longmire	86.88	41	eP	P	13 21 51.9	-0.9
LON	comp=Z,2um,20.0s				MLR		
LON	comp=Z,33nm,1.4s				MLR		
FURC	Furnace Creek,	86.89	52	P	P	13 21 52.4	-0.5
D05A	Enumclaw	86.93	40	eP	P	13 21 52.1	-0.8
D05A	comp=Z,193nm,1.4s				LR		
A04D	Lummi Island	87.07	39	P	P	13 21 53.2	-0.4
G06A	Carlson Farm,	87.09	43	eP	P	13 21 54.7	+0.8
G06A	comp=Z,40nm,1.6s				LR		
BC3	Big Chukawall	87.15	55	P	P	13 21 54.2	-0.3
SHOC	Shoshone, Teco	87.17	52	P	P	13 21 53.5	-0.9
B05A	Bryan	87.27	39	P	P	13 21 53.0	-1.5
TUQ	Turquoise Moun	87.30	53	P	P	13 21 53.8	-1.4
GMRC	Granite Mounta	87.31	54	P	P	13 21 54.5	-0.8
JIRN	Jiri	87.36	299	eP	P	13 21 56.3	+0.3
DLBC	Dease Lake	87.36	28	eP	P	13 21 54.1	-0.8
DLBC	comp=Z,20nm,1.3s				LR		
VIS	Vishakhapatnam	87.40	289	eP	IAMB	13 21 53.4	-2.5
VIS	comp=Z,34nm,0.6s				IAMB		
GLA	Glamis	87.48	56	eP	P	13 21 55.9	-0.1
GLA	comp=Z,90nm,1.6s				LR		
GLA	Glamis	87.48	56	P	P	13 21 55.9	-0.1
GLA	comp=Z,4um,19.0s				P		
PALK	Pallekele	87.49	278	LR	LR	14 06 49.1	
PALK	comp=Z,2um,18.3s,baz=118,slow=40						
PALK	Pallekele	87.49	278	eP	P	13 21 56.0	-0.5
PALK	comp=Z,138nm,1.0s				P		
PALK	Pallekele	87.49	278	eP	P	13 21 57.8	+1.3
PALK	Pallekele	87.49	278	eP	P	13 21 58.1	+1.6
WVOR	Wild Horse Val	87.49	46	eP	P	13 21 55.4	-0.6
WVOR	comp=Z,26nm,1.0s				LR		

WVOR	Wild Horse Val	87.49	46	eP	P	13 21 55.4	-0.6
WVOR	comp=Z,26nm,1.0s				MLR		
WVOR	comp=Z,3um,20.0s				MLR		
TPNV	Topopah Spring	87.50	51	eP	P	13 21 56.3	+0.1
TPNV	comp=Z,52nm,1.4s				LR		
TPNV	Topopah Spring	87.50	51	P	P	13 21 55.7	-0.6
TPNV	comp=Z,4um,21.0s				LR		
IRM	Iron Mountain	87.54	54	P	P	13 21 55.8	-0.4
GUN	Gumb	87.69	299	eP	P	13 21 57.9	+0.4
TIXI	Tiksi	87.69	349	eP	P	13 21 58.1	+2.0
TIXI	comp=Z,144nm,1.9s				LR		
TIXI	Tiksi	87.69	349	↑/P	P	13 21 58.0	+2.0
TIXI	comp=Z,3um,21.0s				P		
TIXI	comp=Z,22nm,1.2s				P		
B06A	Marblemount	87.74	39	PFAKE	LR	13 22 10.0	+1.3
B06A	comp=Z,3um,19.0s				LR		
F07A	Phinny Hill Vi	87.79	42	eP	P	13 21 56.8	-0.3
F07A	comp=Z,17nm,0.8s				LR		
LTY	Liberty	87.80	41	PFAKE	LR	13 22 10.0	+1.3
LTY	comp=Z,2um,21.0s				LR		
LDFC	Landfair	87.83	54	eP	P	13 21 55.9	-1.8
LDFC	comp=Z,56nm,0.8s				LR		
LDFC	comp=Z,3um,19.0s				LR		
BMN	Battle Mountai	87.85	48	eP	P	13 21 56.2	-1.6
BMN	comp=Z,68nm,1.5s				P		
BMN	Battle Mountai	87.85	48	eP	P	13 21 56.2	-1.6
BMN	comp=Z,68nm,1.5s				P		
C06D	Leavenworth	87.89	40	P	P	13 21 56.6	-1.1
C06D	comp=Z,249				P		
J08A	Circle Bar Ran	87.91	45	eP	P	13 21 56.7	-1.2
J08A	comp=Z,42nm,0.9s				LR		
Y12C	Blythe	87.92	55	eP	P	13 21 57.6	-0.4
Y12C	comp=Z,38nm,1.2s				LR		
Y12C	Blythe	87.92	55	P	P	13 21 57.2	-0.9
Y12C	comp=Z,4um,19.0s				P		
PKIN	Phuchoki	88.01	299	eP	P	13 21 59.0	0.0
PKIN	comp=Z,68nm,1.1s				P		
E07A	Sunnyside	88.07	41	eP	P	13 21 57.2	-1.3
E07A	comp=Z,26nm,0.8s				LR		
SRIG	Santa Rosalia	88.07	62	PFAKE	LR	13 22 10.0	+1.1
SRIG	comp=Z,2um,20.0s				LR		
NEE2	Needles Airpor	88.13	54	P	P	13 21 58.3	-0.8
NEE2	comp=Z,253				P		
KKK	Kakani	88.17	299	eP	P	13 21 59.9	+0.2
SHPR	Sheep Range	88.21	52	eP	P	13 21 59.0	-0.6
SHPR	comp=Z,77nm,1.6s				LR		
SHPR	comp=Z,4um,20.0s				LR		
HAWA	Hanford	88.22	42	eP	P	13 21 58.7	-0.5
HAWA	comp=Z,18nm,0.8s				LR		
G08A	Pilot Rock	88.22	43	eP	P	13 21 58.5	-0.9
G08A	comp=Z,2um,21.0s				LR		
G08A	comp=Z,28nm,1.0s				LR		
G08A	comp=Z,2um,20.0s				LR		
113A	Mohawk Valley,	88.25	56	eP	P	13 21 58.4	-1.3
113A	comp=Z,61nm,1.6s				LR		
113A	comp=Z,6um,19.0s				LR		
DMN	Damav	88.27	299	eP	P	13 22 00.7	+0.5
DMN	comp=Z,694nm,1.0s				P		
LLBL	Lillooet	88.28	37	PFAKE	LR	13 22 10.0	+1.1
LLBL	comp=Z,4um,19.0s				LR		
PDMCI	Parker Dam,Lak	88.38	54	P	P	13 22 00.0	-0.2
PDMCI	comp=Z,254,SNR=10				P		
R11A	Troy Canyon, C	88.42	50	eP	P	13 21 58.5	-2.1
R11A	comp=Z,32nm,1.4s				LR		
R11A	comp=Z,5um,20.0s				LR		
R11A	Troy Canyon, C	88.42	50	P	P	13 21 59.9	-0.7
R11A	comp=Z,253,SNR=30				P		
E08A	Dider Farm, El	88					

2012 SEP

5d 13h

P17A	Butcher Ranch,	92.37	50	PFAKE	LR	LR	13 22 30.0	+11
P17A	comp=Z,3um,20.0s							
SRU	San Rafael Swe	92.44	51	eP	P	P	13 22 19.2	-0.1
SRU	comp=Z,47nm,1.8s							
SRU	San Rafael Swe	92.44	51	eP	P	P	13 22 19.2	-0.1
SRU	comp=Z,4um,20.0s							
SRU	comp=Z,47nm,1.8s							
DGZ	Jazzator, Alta	92.51	320	i P	P	P	13 22 19.6	+0.3
DGZ	comp=Z,4um,20.0s							
DLMT	Dillon	92.53	44	eP	P	P	13 22 20.2	+0.7
DLMT	comp=Z,19nm,0.9s							
DLMT	White River Ci	94.10	56	eP	P	P	13 22 26.3	-0.8
DLMT	comp=Z,2um,19.0s							
WALA	Waterton Lakes	92.66	40	eP	P	P	13 22 20.3	+0.3
WALA	comp=Z,35nm,1.4s							
WALA	Limelkin Ridge	92.75	44	eP	P	P	13 22 20.7	+0.1
WALA	comp=Z,3um,19.0s							
LRM	Preston Nutter	92.77	50	eP	P	P	13 22 21.9	+0.9
LRM	comp=Z,50nm,1.9s							
P18A	Auburn Hatcher	92.91	47	eP	P	P	13 22 21.4	-0.1
P18A	comp=Z,4um,21.0s							
AHID	Cookes Peak, D	93.08	58	P	P	P	13 22 22.1	-0.3
AHID	comp=Z,2um,21.0s							
FXWY	Fox Creek	93.18	46	eP	P	P	13 22 23.6	+1.0
FXWY	comp=Z,1.15nm,1.4s							
QLMT	Earthquake Lak	93.19	45	eP	P	P	13 22 22.4	-0.3
QLMT	comp=Z,35nm,1.6s							
TPAW	Teton	93.19	46	eP	P	P	13 22 21.3	-1.5
TPAW	comp=Z,30nm,1.5s							
TPAW	Red Top Meadow	93.23	46	eP	P	P	13 22 23.0	+0.1
TPAW	comp=Z,32nm,1.4s							
REDW	Bozeman (W)	93.25	44	eP	P	P	13 22 22.1	-0.7
REDW	comp=Z,35nm,1.6s							
BOZ	Bozeman (W)	93.25	44	eP	P	P	13 22 22.1	-0.7
BOZ	comp=Z,35nm,1.6s							
BOZ	Bozeman (W)	93.25	44	eP	P	P	13 22 22.3	-0.5
BOZ	comp=Z,35nm,1.6s							
BOZ	Paradox Valley	93.28	52	eP	P	P	13 22 23.6	+0.3
BOZ	comp=Z,35nm,1.6s							
BOZ	Indian Meadow	93.30	46	eP	P	P	13 22 24.5	+1.2
BOZ	comp=Z,18nm,1.3s							
IMW	Snow King Moun	93.33	46	PFAKE	LR	LR	13 22 30.0	+6.6
IMW	comp=Z,3um,20.0s							
SNOW	Horse Butte	93.33	45	eP	P	P	13 22 23.4	0.0
SNOW	comp=Z,2um,19.0s							
YHB	Paradox Valley	93.35	51	eP	P	P	13 22 22.9	-0.8
YHB	comp=Z,3um,20.0s							
PV09	Holter Reser	93.39	43	eP	P	P	13 22 22.1	-1.3
PV09	comp=Z,3um,20.0s							
HRV	Paradox Valley	93.40	52	eP	P	P	13 22 21.0	-2.8
HRV	comp=Z,3um,20.0s							
PV10	Moose Ponds	93.40	46	eP	P	P	13 22 23.9	+0.2
PV10	comp=Z,2.7nm,1.6s							
MOOW	Lion Creek, Pa	93.41	52	eP	P	P	13 22 24.1	+0.3
MOOW	comp=Z,3um,20.0s							
PV14	Morning Glory	93.42	52	eP	P	P	13 22 24.0	+0.1
PV14	comp=Z,4um,21.0s							
PV19	Carper Ridg	93.43	52	eP	P	P	13 22 24.2	+0.2
PV19	comp=Z,1.9nm,0.7s							
PV23	East Wray Mesa	93.44	52	eP	P	P	13 22 24.2	+0.3
PV23	comp=Z,35nm,1.7s							
PV17	West Nyswonger	93.44	52	eP	P	P	13 22 23.3	-0.7
PV17	comp=Z,1.4nm,1.1s							
PV20	Skein Mesa, Pa	93.47	52	eP	P	P	13 22 23.1	-1.0
PV20	comp=Z,2um,18.0s							
PV18	Long Hollow	93.47	46	eP	P	P	13 22 24.0	0.0
PV18	comp=Z,2.9nm,1.5s							
LOHW	Madison River	93.47	45	PFAKE	LR	LR	13 22 30.0	+6.0
LOHW	comp=Z,2um,20.0s							
YMR	Nyswonger Mesa	93.47	52	eP	P	P	13 22 22.0	-2.2
YMR	comp=Z,2um,19.0s							
PV16	Cone Mtn., Par	93.49	51	eP	P	P	13 22 25.4	+1.1
PV16	comp=Z,1.1nm,0.8s							
PV21	Pitchstone Pla	93.49	46	eP	P	P	13 22 26.6	+2.5
PV21	comp=Z,9.7nm,1.2s							
YPP	David Mesa, Pa	93.50	52	eP	P	P	13 22 22.1	-2.1
YPP	comp=Z,2.0nm,1.2s							
PV11	Old Faithful	93.51	45	eP	P	P	13 22 22.6	-1.6
PV11	comp=Z,19nm,1.3s							
YFT	Paradox Valley	93.51	52	eP	P	P	13 22 22.3	-2.0
YFT	comp=Z,4um,19.0s							
PV03	Radium Mtn., P	93.51	52	eP	P	P	13 22 22.7	-1.7
PV03	comp=Z,1.0nm,1.2s							
FLWY	Flagg Ranch	93.52	46	eP	P	P	13 22 23.0	-1.2
FLWY	comp=Z,2.5nm,1.3s							
FLWY	Mesa Verde	93.55	53	eP	P	P	13 22 21.1	-3.5
FLWY	comp=Z,6.9nm,0.4s							
MVCO	Mesa Verde	93.55	53	eP	P	P	13 22 21.1	-3.5
MVCO	comp=Z,6.9nm,0.4s							
MVCO	Mesa Verde	93.55	53	P	P	P	13 22 23.0	-1.5
MVCO	comp=Z,2um,19.0s							
PV12	Saucer Basin,	93.56	52	eP	P	P	13 22 23.7	-0.8
PV12	comp=Z,1.4nm,0.8s							
PV12	Holmes Hill	93.58	45	PFAKE	LR	LR	13 22 40.0	+15
PV12	comp=Z,2um,20.0s							
YHH	Paradox Valley	93.59	52	eP	P	P	13 22 23.7	-1.0
YHH	comp=Z,5.5nm,0.9s							
PV02	Blue Mesa, Par	93.62	51	eP	P	P	13 22 24.3	-0.5
PV02	comp=Z,1.0nm,0.8s							
PV22	Grant Village	93.68	45	eP	P	P	13 22 24.5	-0.5
PV22	comp=Z,1.1nm,0.9s							
H17A	Grant Village	93.68	45	P	P	P	13 22 22.7	-2.3
H17A	comp=Z,6um,19.0s							
H17A	HPIG	93.68	63	PFAKE	LR	LR	13 22 40.0	+15
H17A	comp=Z,2um,19.0s							
HPIG	Norris Junctio	93.68	45	PFAKE	LR	LR	13 22 40.0	+15
HPIG	comp=Z,3um,19.0s							
YNR	Paradox Valley	93.70	52	eP	P	P	13 22 24.7	-0.6
YNR	comp=Z,2um,19.0s							
PV01	Boulder Array	94.01	47	eP	P	P	13 22 26.2	-0.3
PV01	comp=Z,2.9nm,1.6s							
BW06	Boulder Array	94.01	47	P	P	P	13 22 24.8	-1.7
BW06	comp=Z,2um,20.0s							
BW06	Pinedale Array	94.01	47	P	P	P	13 22 26.0	-0.5
BW06	comp=Z,2um,19.0s							
PDAR	Pinedale Array	94.01	47	P	P	P	13 22 27.1	+0.5
PDAR	comp=Z,2um,19.0s							

PDAR	comp=Z,5.9nm,1.0s	baz=242,slow=3.2,SNR=20						
PDAR	Pinedale Array	94.01	47	eP	P	P	13 22 25.4	-1.2
PDAR	comp=Z,2um,18.6s	baz=279,slow=33						
LAZ	Bhopal	94.02	56	eP	P	P	13 22 26.4	+0.3
BHPL	White River Ci	94.03	293	eP	P	P	13 22 25.9	-0.9
BHPL	comp=Z,36nm,1.2s							
LENM	IRIS PASCALI	94.10	56	eP	P	P	13 22 26.3	-0.8
LENM	comp=Z,6um,19.0s							
Y2D2	Barren Site	94.38	56	eP	P	P	13 22 26.6	-1.9
Y2D2	comp=Z,25nm,1.4s							
BNM	White River Ci	94.39	50	eP	P	P	13 22 27.8	-0.5
BNM	comp=Z,5um,19.0s							
O20A	White River Ci	94.39	50	P	P	P	13 22 25.3	-3.0
O20A	comp=Z,2um,20.0s							
O20A	Los Pinos Moun	94.41	56	eP	P	P	13 22 27.5	-1.0
O20A	comp=Z,2.245nm,1.3s							
LPM	Hanimaadho	94.61	276	eP	P	P	13 22 28.7	-1.2
LPM	comp=Z,2.45nm,1.3s							
HMDM	Albuquerque	94.68	55	eP	P	P	13 22 29.9	+0.2
HMDM	comp=Z,7.4nm,1.0s							
ANMO	Albuquerque	94.68	55	eP	P	P	13 22 31.4	+1.7
ANMO	comp=Z,4um,19.0s							
ANMO	Albuquerque	94.68	55	eP	P	P	13 22 27.9	-1.9
ANMO	comp=Z,7.0nm,1.0s							
ANMO	Red Lodge	94.75	45	eP	P	P	13 22 33.8	+4.0
ANMO	comp=Z,18nm,1.5s							
RLMT	Red Lodge	94.75	45	P	P	P	13 22 28.2	-1.7
RLMT	comp=Z,2um,19.0s							
RLMT	Red Lodge	94.75	45	P	P	P	13 22 28.2	-1.7
RLMT	comp=Z,2um,19.0s							
RLMT	Cornudas Mount	94.90	59	eP	P	P	13 22 30.6	+0.1
RLMT	comp=Z,6.4nm,1.2s							
MNTX	Cornudas Mount	94.90	59	P	P	P	13 22 27.6	-3.0
MNTX	comp=Z,2um,20.0s							
MNTX	Dehra Dun	94.90	300	eP	P	P	13 22 30.6	-0.1
MNTX	comp=Z,2.7um,1.0s							
DDI	4UR Ranch, Cre	94.96	53	eP	P	P	13 22 30.9	-0.2
DDI	comp=Z,7.1nm,0.9s							
S22A	4UR Ranch, Cre	94.96	53	P	P	P	13 22 28.8	-2.3
S22A	comp=Z,3um,21.0s							
S22A	4UR Ranch, Cre	94.96	53	P	P	P	13 22 28.8	-2.3
S22A	comp=Z,2.58nm,1.4s							
EGMT	Eagleton	95.07	42	eP	P	P	13 22 32.1	+1.1
EGMT	comp=Z,32nm,1.4s							
EGMT	Eagleton	95.07	42	P	P	P	13 22 29.6	-1.4
EGMT	comp=Z,2um,20.0s							
EGMT	Makanchi Array	95.10	317	eP	P	P	13 22 31.1	0.0
EGMT	comp=Z,2um,20.0s							
MK01	N'lazarevskaya	95.11	188	eP	P	P	13 22 31.2	+0.5
MK01	comp=Z,1.1nm,0.6s							
NVL	Makanchi Array	95.11	317	eP	P	P	13 22 31.2	0.0
NVL	comp=Z,4um,18.0s							
NVL	Makanchi Array	95.11	317	eP	P	P	13 22 31.4	+0.2
NVL	comp=Z,68nm,0.8s	baz=101,slow=6.1,SNR=50						
NVL	Makanchi Array	95.11	317	eP	P	P	13 26 24.1	+2.9
NVL	comp=Z,3.0nm,0.9s	baz=86,slow=16,SNR=3.8						
MKAR	Makanchi Array	95.11	317	eP	P	P	13 26 24.1	+2.9
MKAR	comp=Z,4.3nm,0.8s	baz=282,slow=2.6,SNR=25						
MKAR	Makanchi Array	95.11	317	eP	P	P	13 22 31.2	0.0
MKAR	comp=Z,3um,21.6s	baz=91,slow=35						
MKAR	Makanchi Array	95.11	317	eP	P	P	13 22 31.2	0.0
MKAR	comp=Z,490nm,0.8s							
MKAR	Minicoy	95.12	277	eP	P	P	13 26 24.1	+2.9
MKAR								

5d 13h

2012 SEP

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

Table with columns: Station ID, Name, Time, Frequency, Mode, and other details. Includes stations like Delisi, GNI, GNI, GNI, etc.

Table with columns: Station ID, Name, Time, Frequency, Mode, and other details. Includes stations like LSZ, KLNR, BRTR, etc.

BER 05 13:44:56.4z, 6.71, 21N, 9.81W, h4km, 25km, ML3.3
NAO 05 13:44:56.5z, 7.1, 36N, 9.15W, h12km, 32km, ML3.5
ISC 05 14:43:54.6z, 2.5, 71.43N, 0.06, 9.5W, 0.2, h10km, n19,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Jan Mayen West, Jan Mayen, Jan Mayen East, etc.

IDC 05 14:00:51.1z, 1.2, 10.37N, 126.59E, h0km, mb3.8/5,
mb1 4.0/5, mb1mx3.6/30, mbtmp3.8/5, Error ellipse:
s-maj=78.8km s-min=21.6km az=61.0

ISC/JB 05 14:00:56.0z, 1.0, 0N, 0.1z, 126.1E, 0.2, h44km, mb3.9/7,
Error ellipse: s-maj=31.1km s-min=13.0km az=155.8

NEIC 05 14:00:57.2z, 0.6, 10.14N, 126.21E, h35km, mb4.3/2, Error
ellipse: s-maj=12.3km s-min=12.3km az=66.0

ISC 05 14:00:58.0z, 0.8, 10.1N, 0.2z, 126.2E, 0.3, h44km, n13,
<0.90/16, mb3.8/7, Philippine Islands region

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

IDC 05 14:12:29.8z, 0.9, 10.02N, 125.99E, h0km, mb3.7/6,
mb1 3.9/7, mb1mx3.6/58, mbtmp3.9/7, ML4.1/1, Error
ellipse: s-maj=93.3km s-min=17.7km az=69.0

MAN 05 14:12:31.1, 10.64N, 126.80E, h90km, mb4.5, ML3.3,
MS3.2

ISC/JB 05 14:12:32.0z, 0.8, 10.57N, 0.0z, 126.81E, 0.06, h44km,
mb3.8/6, Error ellipse: s-maj=9.4km s-min=7.5km
az=145.9

ISC 05 14:12:35.1z, 0.8, 10.52N, 0.0z, 126.69E, 0.09, h44km, n17,
<1.79/23, mb3.8/8, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Surigao, Borongan, Palo, Maasin, Butuan, etc.

MAN 05 14:20:34.0, 10.98N, 126.86E, h64km, mb4.4, ML3.2,
MS3.1, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Borongan, Palo, Maasin, Hanita, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Bhannes, Kfar Szold, Neve Ativ, etc.

IDC 05 14:24:50.8z, 4.7, 36.14N, 71.25E, h95km, 30km, mb3.6/6,
mb1 3.6/12, mb1mx3.4/56, mbtmp3.9/12, Error ellipse:
s-maj=48.7km s-min=18.4km az=150.0

ISC/JB 05 14:24:54.1z, 0.5, 36.33N, 0.0z, 71.19E, 0.05, h150km,
mb4.0/7, Error ellipse: s-maj=5.9km s-min=5.2km
az=155.9

NEIC 05 14:24:55.8z, 0.9, 36.44N, 71.05E, h135km, 14km, mb4.3/1,
Error ellipse: s-maj=16.9km s-min=10.2km az=104.0

NNC 05 14:24:55.7z, 2.3, 36.86N, 70.66E, h0km, mb4.3, mpv4.1,
Error ellipse: s-maj=18.7km s-min=13.7km az=161.0

ISC 05 14:24:56.0z, 0.7, 36.43N, 0.0z, 71.06E, 0.06, h150km, n38,
<2.5/43, mb3.7/7, 7C-5D, Afghanistan-Tajikistan border
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kabul, Sufti-Kurgan, Manas, etc.

UCR 05 14:42:04.9z, 1.9, 9.84N, 85.47W, h1km, 8km, MD5.9, ML5.9

ISC/JB 05 14:42:05.5z, 0.1, 10.21N, 0.0z, 85.38W, 0.01, h21km,
mb6.5/627, MS7.7/97, Error ellipse: s-maj=2.6km
s-min=1.4km az=43.4

NEIC 05 14:42:07.8z, 0.1, 10.09N, 85.32W, h35km, mb6.8/299,
ME7.0, MS7.7/125, MW7.6, MW7.6, MD7.6(UCR),
MD7.6(SNET), Error ellipse: s-maj=3.7km s-min=2.4km
az=213.0 Broadband fault plane solution: P waves:
NP1: <290.00000, <825.00000, <9.000000. NP2:
<0.110.00000, <865.00000, <9.000000. Principal axes: T
Plg70.0000, Azm20.0000, N Plg0.0000, Azm40.0000,
P Plg20.0000, Azm200.0000; Complex earthquake
observed on broadband displacement records, with at
least one larger event occurring about 4 seconds after the
onset. Depths 35 and 31 km, respectively, from
synthetic of broadband displacement seismograms.
Energy computed from BB mechanisms.

NEIC One person killed, one died of a heart attack, at least 20
injured, some houses collapsed, one bridge damaged and
landslides occurred in Guanacaste and western
Puntarenas. Power and communications outages
occurred. Felt [VIII] at Nicoya; [VII] at Liberia, Santa Cruz
and Sardinal; [VI] at Alajuela, Calle Blancos, Grecia,
Heredia, Jaco, San Francisco, San Isidro de El General,
San Jose and San Pedro. Felt throughout Costa Rica.
Also felt in parts of Belize, El Salvador, Guatemala,
Honduras, Mexico, Nicaragua and Panama. A small
tsunami was recorded in low stations in the Galapagos
Islands. Ecuador with the following amplitudes [one-half
peak-to-trough]: 16 cm on Isla Santa Cruz and 6 cm on
Isla Baltra.

BUI 05 14:42:07.6, 10.08N, 85.52W, h34km, mb7.4/25, MS7.9/55,
MS7.9/40

MOS 05 14:42:08.7z, 1.3, 10.39N, 85.33W, h36km, mb6.5/113,
MS7.7/43, Error ellipse: s-maj=5.3km s-min=3.8km
az=92.7 Broadband fault plane solution: P waves: NP1:
<0.15.00000, <871.00000, <8.500000. NP2:
<0.310.00000, <820.00000, <1.040.00000. Principal axes:
Plg64.0000, Azm17.0000, N Plg5.0000, Azm17.0000, P
Plg26.0000, Azm209.0000;

NEIC 05 14:42:10.0z, 0.9, 9.92N, 85.14W, h30km, Moment Tensor
Solution. s41 Moment tensor: Scale 10²⁰Nm; Mr:1.71;
M₁=1.26; M₂=0.45; M₃=0.73; Mr₁-1.29; Best
double couple: M₂=9.00000¹⁰ NP1: <12.00000⁰,
<872.00000⁰, <9.100000⁰. NP2: <299.00000⁰, <8.180000⁰,
<8.00000⁰. Principal axes: T 2.9400, Plg62.0000,
Azm34.0000, N -0.0300, Plg1.0000, Azm302.0000, P
-2.9100, Plg27.0000, Azm211.0000;

IDC 05 14:42:10.5z, 0.6, 10.52N, 85.13W, h31km, 4km, mb5.2/38,
mb1 5.3/40, mb1mx3.5/41, mbtmp5.4/40, ML4.8, MD7.5/37,
MS7.5/37, nsm1m7.4/45, Error ellipse: s-maj=12.1km
s-min=9.1km az=49.0

GCMT 05 14:42:22.9z, 0.1, 0.00N, 0.0z, 85.64W, 0.01, h30km,
MW7.6/146, Moment Tensor Solution. s146c394,
s142c672; Duration: 15s; Moment tensor: Scale 10²⁰
Nm; Mr:1.85e.01; M₀=1.37e.01; M₀=0.48e.01;
M₀=2.1e.06; M₀=0.86e.00; Mr₁=1.6e.05; Best double
couple: M₃=4.1500¹⁰ NP1: <115.00000⁰, <873.00000⁰,
<8.00000⁰. NP2: <308.00000⁰, <8.1700000⁰, <1.0200000⁰.
Principal axes: T 3.4040, Plg61.0000, Azm20.0000; N
0.0190, Plg3.0000, Azm116.0000; P -3.4260,
Plg28.0000, Azm208.0000; nst41 refers to body waves,
cutoff=50s. nst42 refers to surface/manile waves,
cutoff=50s. Triangular moment-rate function.

NEIC 05 14:42:35.0z, 0.9, 9.97N, 85.16W, h35km, Moment Tensor
Solution. s15 Moment tensor: Scale 10²⁰Nm; Mr:1.93;
M₀=1.23; M₀=0.70; M₀=1.79; M₀=0.79; Mr₁-1.6; Best
double couple: M₂=8.00000¹⁰ NP1: <307.00000⁰,
<821.00000⁰, <9.300000⁰. NP2: <124.00000⁰, <869.00000⁰,
<8.000000⁰. Principal axes: T 2.9000, Plg69.0000,
Azm32.0000; N -0.1400, Plg1.0000, Azm124.0000; P
-2.7600, Plg24.0000, Azm215.0000;

ISC 05 14:42:07.7z, 0.2, 10.02N, 0.0z, 85.39W, 0.03, h21km, 2km,

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

ISC/JB 05 14:31:53.6z, 0.7, 7.39S, 0.0z, 129.10E, 0.08, h131km,
mb3.1/1, Error ellipse: s-maj=10.9km s-min=6.4km
az=15.0

IDC 05 14:31:56.0z, 2.1, 7.40S, 129.01E, h149km, 25km, mb3.0/1,
mb1 3.2/6, mb1mx3.0/36, mbtmp3.6/6, Error ellipse:
s-maj=24.7km s-min=18.6km az=110.0

ISC 05 14:31:54.2z, 0.9, 7.47S, 129.23E, 0.10, h131km, n6,
<25/11, Banda Sea

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

UCR 05 14:42:04.9z, 1.9, 9.84N, 85.47W, h1km, 8km, MD5.9, ML5.9

ISC/JB 05 14:42:05.5z, 0.1, 10.21N, 0.0z, 85.38W, 0.01, h21km,
mb6.5/627, MS7.7/97, Error ellipse: s-maj=2.6km
s-min=1.4km az=43.4

NEIC 05 14:42:07.8z, 0.1, 10.09N, 85.32W, h35km, mb6.8/299,
ME7.0, MS7.7/125, MW7.6, MW7.6, MD7.6(UCR),
MD7.6(SNET), Error ellipse: s-maj=3.7km s-min=2.4km
az=213.0 Broadband fault plane solution: P waves:
NP1: <290.00000, <825.00000, <9.000000. NP2:
<0.110.00000, <865.00000, <9.000000. Principal axes: T
Plg70.0000, Azm20.0000, N Plg0.0000, Azm40.0000,
P Plg20.0000, Azm200.0000; Complex earthquake
observed on broadband displacement records, with at
least one larger event occurring about 4 seconds after the
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synthetic of broadband displacement seismograms.
Energy computed from BB mechanisms.

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and Sardinal; [VI] at Alajuela, Calle Blancos, Grecia,
Heredia, Jaco, San Francisco, San Isidro de El General,
San Jose and San Pedro. Felt throughout Costa Rica.
Also felt in parts of Belize, El Salvador, Guatemala,
Honduras, Mexico, Nicaragua and Panama. A small
tsunami was recorded in low stations in the Galapagos
Islands. Ecuador with the following amplitudes [one-half
peak-to-trough]: 16 cm on Isla Santa Cruz and 6 cm on
Isla Baltra.

BUI 05 14:42:07.6, 10.08N, 85.52W, h34km, mb7.4/25, MS7.9/55,
MS7.9/40

MOS 05 14:42:08.7z, 1.3, 10.39N, 85.33W, h36km, mb6.5/113,
MS7.7/43, Error ellipse: s-maj=5.3km s-min=3.8km
az=92.7 Broadband fault plane solution: P waves: NP1:
<0.15.00000, <871.00000, <8.500000. NP2:
<0.310.00000, <820.00000, <1.040.00000. Principal axes:
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Plg26.0000, Azm209.0000;

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Solution. s41 Moment tensor: Scale 10²⁰Nm; Mr:1.71;
M₁=1.26; M₂=0.45; M₃=0.73; Mr₁-1.29; Best
double couple: M₂=9.00000¹⁰ NP1: <12.00000⁰,
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<8.00000⁰. Principal axes: T 2.9400, Plg62.0000,
Azm34.0000, N -0.0300, Plg1.0000, Azm302.0000, P
-2.9100, Plg27.0000, Azm211.0000;

IDC 05 14:42:10.5z, 0.6, 10.52N, 85.13W, h31km, 4km, mb5.2/38,
mb1 5.3/40, mb1mx3.5/41, mbtmp5.4/40, ML4.8, MD7.5/37,
MS7.5/37, nsm1m7.4/45, Error ellipse: s-maj=12.1km
s-min=9.1km az=49.0

GCMT 05 14:42:22.9z, 0.1, 0.00N, 0.0z, 85.64W, 0.01, h30km,
MW7.6/146, Moment Tensor Solution. s146c394,
s142c672; Duration: 15s; Moment tensor: Scale 10²⁰
Nm; Mr:1.85e.01; M₀=1.37e.01; M₀=0.48e.01;
M₀=2.1e.06; M₀=0.86e.00; Mr₁=1.6e.05; Best double
couple: M₃=4.1500¹⁰ NP1: <115.00000⁰, <873.00000⁰,
<8.00000⁰. NP2: <308.00000⁰, <8.1700000⁰, <1.0200000⁰.
Principal axes: T 3.4040, Plg61.0000, Azm20.0000; N
0.0190, Plg3.0000, Azm116.0000; P -3.4260,
Plg28.0000, Azm208.0000; nst41 refers to body waves,
cutoff=50s. nst42 refers to surface/manile waves,
cutoff=50s. Triangular moment-rate function.

NEIC 05 14:42:35.0z, 0.9, 9.97N, 85.16W, h35km, Moment Tensor
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M₀=1.23; M₀=0.70; M₀=1.79; M₀=0.79; Mr₁-1.6; Best
double couple: M₂=8.00000¹⁰ NP1: <307.00000⁰,
<821.00000⁰, <9.300000⁰. NP2: <124.00000⁰, <869.00000⁰,
<8.000000⁰. Principal axes: T 2.9000, Plg69.0000,
Azm32.0000; N -0.1400, Plg1.0000, Azm124.0000; P
-2.7600, Plg24.0000, Azm215.0000;

ISC 05 14:42:07.7z, 0.2, 10.02N, 0.0z, 85.39W, 0.03, h21km, 2km,

MEX 05 14:25:24.6z, 0.3, 16.29N, 98.27W, h4km, 5km, MD3.7, Near
coast of Guerrero

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

UCR 05 14:30:57.8z, 1.6, 13.23N, 89.71W, h50km, 12km, MD3.5,
ML3.5, 1D, El Salvador

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

h21km:pp-P.n2619.r257/2660.mb6.6/643.MS7.7/232, 144C-58D, Costa Rica

Code	Station Name	A ^z	AZ ^z	Phase ID	Time	Res
JCR	Jicaral	0.32	122i	Op	14:42 13.1	-1.7
JCR	JuntasAbangare	0.50	58	Op	14:42 19.3	-0.4
JTS	18jum,0.3s,baz=141,slow=5.6,SNR=953			Pg	14:42 18.9	-0.9
JTS	41jum,0.3s,baz=308,slow=4.5,SNR=307			Lg	14:42 22.6	
JTS	JuntasAbangare	0.50	58	Pg	14:42 18.7	-1.1
JTS	JuntasAbangare	0.52	60	Pg	14:42 19.0	-0.8
JTS	JuntasAbangare	0.50	58	iP	14:42 19.0	-0.8
NY14	Universidad de	0.64	347	iP	14:42 20.9	-0.6
COLC	Colonia	0.66	161	eP	14:42 21.9	-0.1
CUI	Cuipiapa	0.67	191	iP	14:42 21.9	0.0
LIM1	Limonal	0.68	111	eP	14:42 22.1	-0.2
GUAB	Guayabo de Bag	0.70	13	iP	14:42 22.3	-0.2
GUAB	Guayabo	0.70	15	iP	14:42 24.3	+3.0
MICM	Guayabo	0.52	101	eP	14:42 22.3	-0.2
MICM				eP	14:42 22.9	+1.6
MICM				iP	14:42 24.3	
MICM				iS	14:42 39.8	+7.1
ACAL	Aguas Claras	0.70	30	iP	14:42 23.0	+0.5
AMAS	Alto Masis	0.70	34	iP	14:42 22.6	0.0
HORNC	Hornillos	0.71	171	eP	14:42 22.6	-0.1
MESS	Mesasa	0.74	151	eP	14:42 22.6	0.0
LAPC	Finca la Perla	0.74	357	iP	14:42 22.6	0.0
GBS3	Finca Las Im	0.76	355	eP	14:42 22.5	+0.3
CASO	Castillo	0.76	58	eP	14:42 23.6	+0.3
PACM	Arenal	0.76	53	iP	14:42 22.6	-0.8
COVE	Buena Vista	0.77	337	eP	14:42 23.7	+0.0
ARE1	Arenal 1	0.79	571	eP	14:42 24.2	+0.5
GB1A	Borinquen Arri	0.79	359	eP	14:42 23.4	-0.4
CEDE	Laguna Cede	0.82	56	eP	14:42 24.9	+0.8
FORC	Fortuna	0.83	58	iP	14:42 24.8	+0.5
BUAI	Buenos Aires	0.85	4	iP	14:42 24.4	-0.1
SR1A	San Ram	0.87	30	eP	14:42 24.7	+0.5
HDC	Heredia	1.25	91	eP	14:42 28.8	-1.4
HDC	Heredia	1.25	91	eP	14:42 30.9	+0.1
HDC				AMP	14:42 34.5	
SJS	Escuela Geolog	1.32	94	eP	14:42 30.4	-0.6
OCR1	Quepos	1.34	116	eP	14:42 28.6	-2.7
LCR2	La Lucha 2	1.39	101	eP	14:42 30.1	-2.1
CONN	Concepcion	1.55	351	eP	14:42 33.9	-0.2
CVTR	Volcan Turrial	1.60	90	eP	14:42 36.6	-0.3
EDLM	Las Mercedes	1.92	113	eP	14:42 41.2	-0.9
MASJ	Masaya	2.14	339	eP	14:42 44.1	-0.9
CRUN	El Crucero	2.14	335	eP	14:42 45.4	-0.5
EDPN	Palmar Norte	2.18	119	eP	14:42 44.9	-1.5
MGAN	Managua	2.27	338	eP	14:42 44.2	+0.1
XAVN	Gruta Xavier	2.30	337	eP	14:42 44.3	-0.3
COVN	Apoeyque	2.32	337	eP	14:42 47.7	+2.0
ESPN	Las Esperanzas	2.41	26	eP	14:42 46.8	+0.8
ESPN	Las Esperanzas	2.41	26	eP	14:42 47.0	+1.0
BOAB	BOACO BROADBA	4.25	354	eP	14:42 47.0	+0.8
BOAB	BOACO BROADBA	4.25	354	eP	14:42 49.0	-1.7
CNGN	Cerro Negro	2.78	333	eP	14:42 52.8	+1.7
TELN	Telica	2.93	331	eP	14:42 55.3	+2.5
MATN	Matagalpa	2.94	350	eP	14:42 56.7	-2.7
ESTN	Estel	3.21	343	eP	14:42 57.9	+0.9
ESTN	Estel	3.21	343	eP	14:42 58.9	+1.9
LCND	La Ca	4.08	323	iAML	14:42 19.3	
VSM	San Miguel	4.41	320	eP	14:43 15.0	+1.3
TGUH	Tequiguapa,Un	4.41	335	eP	14:43 15.3	+1.7
ICCO	Coco Island	4.75	200	eP	14:43 14.4	-3.8
SNVI	San Vicente	4.91	317	eP	14:43 22.4	+1.9
LFRS	El Faro	5.07	315	eP	14:43 22.3	-0.3
PRVO	Isla de Provid	5.15	49	eP	14:43 24.9	+2.0
PNME	Penonome	5.22	107	eP	14:43 26.6	+1.9
PNME	Penonome	5.22	107	eP	14:43 32.0	-6.4
OPAM	San Salvador	5.23	315	iAML	14:44 57.0	
SNET	Serv Nac Est T	5.23	314	eP	14:43 26.9	+2.0
SNET				iAML	14:45 02.3	
PINA	Piqa, Costa Ab	5.31	98	eP	14:43 26.2	+0.4
AZU	Azuero	5.52	113	eP	14:43 30.7	+1.9
AZU	Azuero	5.52	113	eP	14:43 31.9	+2.1
BCIP	Isla Barro Col	5.54	98	eP	14:43 28.7	-0.3
BCIP	Isla Barro Col	5.54	98	eP	14:43 28.1	-0.9
BCIP	Isla Barro Col	5.54	98	eP	14:43 31.3	+2.2
ZANG				pmax		
BCIP	Zanguengua, Cho	5.55	101	eP	14:43 29.1	-0.1
SBL5	San Blas	5.62	313	eP	14:43 31.5	+1.2
FRJ1	El Hiral	5.64	98	eP	14:43 31.3	+0.9
UPA	Univ. de Panam	5.87	100	eP	14:43 33.9	+0.4
UPA	Univ. de Panam	5.87	100	eP	14:43 32.2	-1.3
FLAM	Flamenco Islan	5.88	100	iP	14:43 34.3	+0.6
FLAM				AMP	14:43 47.2	
APG	El Apazote	7.00	315	Pn	14:43 48.9	-0.5
APG	comp-Z,24nm,0.3s,baz=129,slow=8.2,SNR=78			Lg	14:45 47.2	
MAPC	Malpelo	7.06	148	eP	14:43 53.3	+3.3
UPD2	Meteti	7.42	101	eP	14:43 56.2	+1.3
UPD2	Meteti	7.42	101	eP	14:43 55.7	+0.7
PTAC	Punta Arditia,	8.75	103	eP	14:44 13.3	-1.1
CAPC	Capurgana	8.05	99	eP	14:44 01.6	-1.9
SOLC	Bahia Solano	8.75	115	eP	14:44 13.6	+0.4
CCIG	Comitan	9.05	314	eP	14:44 19.5	+2.1
DBBC	Dabeiba	9.56	107	eP	14:44 34.6	+1.0
MOTC	Monteasia, Cord	10.00	102	eP	14:44 38.2	+2.2
MALC	Bahia Malaga	9.97	126	eP	14:44 33.2	+3.2
UREC	San Jos	10.02	102	eP	14:44 31.1	+0.8
FSCY	Frank Sound, G	10.09	23	eP	14:44 34.5	+3.0
PLMC	San Jos	10.36	119	eP	14:44 37.0	+1.7
TUMC	Tumaco	10.50	140	eP	14:44 44.5	+7.4
TEIG	Tepecih	10.52	105	eP	14:44 40.5	+2.6
TEIG	Tepecih	10.52	105	eP	14:44 41.7	+4.3
YOTC	Yotoco, Valle	10.79	123	eP	14:44 39.4	-1.9
MCJ	Malvern	10.84	43	iPA	14:44 50.3	+8.5
HORQ	Saladito	10.86	126	eP	14:44 51.5	-0.8
MBJ	Montego Bay	11.07	117	iP	14:44 58.9	+1.4
MTJ	Portland Cotta	11.07	45	eP	14:44 50.5	-0.0
CBY	The Bluff, Cay	11.08	29	eP	14:44 47.8	+2.7
CVJ	Coleyville	11.15	42	iP	14:44 55.5	+9.3
MTDJ	Mount Denham	11.15	42	eP	14:44 49.2	+3.0
MTDJ	Mount Denham	11.15	42	eP	14:44 52.4	+6.7
ANIL	Santa Ana	11.33	118	eP	14:44 52.5	+3.7
PTBC	PUERTO BERRIO,	11.36	107	eP	14:45 01.3	+1.3
POPC	Popayan, Bello	11.41	130	eP	14:44 50.0	+0.1
BBJ	Bamboo Saint A	11.44	43	iPA	14:44 56.5	+6.3
HOJ	Hope	11.54	46	iPA	14:44 57.5	+6.2
STH	Stony Hill	11.54	45	iPA	14:44 56.9	+5.5
CMIG	Matias Romero	12.74	114	eP	14:44 51.8	-0.4
CMIG	comp-Z,5.1nm,0.3s,baz=126,slow=9.9,SNR=69			Sn	14:47 01.3	+0.1
GWJ	Greenwich	11.60	45	iP	14:44 57.5	+5.2
BNIJ	Bonny Gate	11.61	44	iP	14:45 06.1	+1.4
YHJ	Yallahs	11.64	47	iP	14:45 01.0	+8.1
MYIG	Mu0rida	11.65	339	eP	14:44 53.6	+0.7
PAYG	Puerto Ayora	11.69	205	eP	14:44 51.0	-2.5
SOTA	Rioblanco	11.73	131	eP	14:44 57.5	+3.1
CMBC	Cumbal	11.73	127	eP	14:44 51.0	+6.3
PARZ	Paez Belalcaza	11.78	127	eP	14:45 00.5	+5.6
GCUF	Volcan Galeras	11.85	137	eP	14:44 56.0	-0.1
CRUC	La Cruz	11.87	135	eP	14:44 50.5	-5.8
CMJ	Castle Mountai	11.89	46	iP	14:45 07.8	+1.2
BRRC	Barraanca, Sant	11.90	103	eP	14:45 03.9	+7.5
OTAV	Otavallo	11.92	144	iP	14:45 06.6	+0.6
OTAV	Otavallo	11.92	144	iP	14:44 57.1	0.0
OTAV	Otavallo	11.92	144	iP	14:45 04.1	+7.0
OTAV	Otavallo	11.92	144	iP	14:44 56.5	-0.6
ROSC	El Rosal	12.12	114	LR	14:49 17.8	
ROSC	El Rosal	12.12	114	eP	14:45 01.4	+1.6
ROSC	El Rosal	12.12	114	eP	14:45 08.5	-3.8
PRAC	Prado	12.16	120	eP	14:45 04.0	+4.0
BETC	Bratania	12.28	126	eP	14:45 06.6	+5.0
BARC	Barichara	12.55	105	eP	14:45 17.0	+1.0
CHIC	Chingaza	12.74	114	eP	14:45 14.5	-5.4
RUSC	La Rusia	12.86	108	eP	14:45 16.6	-4.1

URIC	Uribia, Colomb	13.26	82	eP	Pn	14:45 14.6	-0.4
YOPC	Yopal, Colombi	13.66	109	eP	P	14:45 27.0	-2.2
TAMC	Tame, Arauca	13.92	104	eP	P	14:45 28.2	-3.8
GTBY	Guantanamo Bay	13.97	44	eP	Pn	14:45 26.5	+2.2
LVIG	Laguna Verde	14.37	319	eP	Pn	14:45 28.9	-3.6
SDV	Santo Domingo	14.60	93	Pn	Pn	14:45 27.9	-2.2
SDV	Santo Domingo	14.60	93	eP	Pn	14:45 35.0	+1.5
SDV	Santo Domingo	14.60	93	eP	Pn	14:45 32.9	-0.6
SDV	Santo Domingo	14.60	93	eP	Pn	14:45 34.0	+0.6
TLIG	Tiropa	14.82	302	eP	Pn	14:45 36.5	+0.2
LGNH	Ll6gone	14.98	54	eP	Pn	14:45 39.6	+1.2
062Z	Marathon	15.19	15	P	Pn	14:45 41.7	+0.5
UNM	Universidad Na	16.22	306	eP	Pn	14:45 55.9	+1.1
UNM	Universidad Na	16.22	306	eP	Pn	14:45 55.9	+1.1
061Z	Ochopipi	16.32	15	eP	Pn	14:45 56.6	+0.9
061Z	Ochopipi	16.32	15	P	Pn	14:45 56.1	+0.4
059Z	Ave Maria	16.65	12	P	Pn	14:46 00.6	+0.7
BANI	BANI	16.77	59	eP	P	14:46 03.6	-0.2
060Z	West Palm Bea	16.92	15	eP	P	1	

5d 14h

242A	Grayson	22.81	345	P	P	14 47 08.2	-1.0
145A	Lakeview Retre	22.86	350	P	P	14 47 08.4	-1.4
LRAL	Lakeview Retre	22.95	357	eP	P	14 47 09.3	-1.0
LRAL	Lakeview Retre	22.95	357	P	P	14 47 09.8	-1.0
144A	Alexander Plac	22.97	349	P	P	14 47 09.6	-1.4
241A	Mo Tay, Golden	22.98	343	P	P	14 47 09.9	-1.1
SEUS	St. Eustatius	22.98	69	eP	P	14 47 08.0	-3.2
SEUS	St. Eustatius	22.98	69	eP	P	14 47 13.6	+2.3
SEUS	St. Eustatius	22.98	69	eS	Sn	14 47 32.7	-4.4
SMRT	St. Maarten	23.05	67	eS	P	14 47 09.1	-2.9
SMRT	St. Maarten	23.05	67	eP	P	14 47 09.6	-2.4
SMRT	St. Maarten	23.05	67	eS	Sn	14 52 00.6	+2.2
Z52A	Williamson	23.07	2	P	P	14 47 11.3	-0.7
Z49A	Columbiana	23.08	358	P	P	14 47 11.3	-0.8
Z50A	Ashland	23.12	359	eP	P	14 47 11.0	-1.5
Z50A	Ashland	23.12	359	P	P	14 47 11.3	-1.2
Z51A	Franklin	23.18	0	P	P	14 47 12.3	-0.8
Z47A	Carrollton	23.20	354	P	P	14 47 11.9	-1.3
Z53A	Monticello	23.21	4	P	P	14 47 12.2	-1.1
NVBH	Bath Hotel, Ne	23.22	70	eP	P	14 47 17.0	+3.4
142A	Monroe	23.22	346	P	P	14 47 12.5	-1.0
Z54A	Sparta	23.22	5	P	P	14 47 12.2	-1.3
240A	Hunter Patters	23.24	342	eP	P	14 47 11.2	-2.5
240A	Hunter Patters	23.24	342	P	P	14 47 12.2	-1.5
143A	Soes Landing,	23.24	347	eP	P	14 47 11.8	-1.9
143A	Soes Landing,	23.24	347	P	P	14 47 12.5	-1.2
NVRH	Round Hill, Ne	23.25	70	eP	P	14 47 16.5	+2.5
RGRS	Roger Stewart	23.27	11	eP	P	14 47 13.0	-1.0
NATX	Nacogdoches	23.27	340	eP	P	14 47 12.2	-1.9
NATX	Nacogdoches	23.27	340	P	LR	14 47 12.9	-1.2
NATX	Nacogdoches	23.27	340	P	P	14 47 12.9	-1.2
Z55A	Blythe	23.28	7	P	P	14 47 14.3	+0.2
Z46A	Louisville	23.29	352	P	P	14 47 13.6	-0.6
Z48A	Northport	23.33	355	P	P	14 47 14.1	-0.4
GOGA	Godfrey	23.34	4	eP	P	14 47 13.3	-1.4
GOGA	Godfrey	23.34	4	eP	LR	14 47 13.3	-1.4
GOGA	Godfrey	23.34	4	eP	LR	14 47 13.3	-1.4
GOGA	Godfrey	23.34	4	eP	MLR	14 47 14.1	-0.6
CSU	Charleston Sou	23.37	11	eP	P	14 47 14.3	-0.7
GRGR	Grenville	23.38	83	eP	P	14 47 13.5	-1.9
GRGR	Grenville	23.38	83	eP	LR	14 47 19.5	+4.2
GRGR	Grenville	23.38	83	eS	Sn	14 51 59.2	+1.2
GRHS	Sauteurs	23.40	82	eP	P	14 47 19.4	+3.9
GRSS	Sisters	23.43	82	eP	P	14 47 19.3	+3.5
NNA	Nana	23.45	159	eP	P	14 47 15.7	-0.4
NNA	Nana	23.45	159	eP	LR	14 55 50.1	
NNA	Nana	23.46	159	eP	LR	14 47 14.4	-1.7
NNA	Nana	23.46	159	eP	P	14 47 16.4	+0.3
NNA	Nana	23.46	159	eP	Pmax	14 47 15.4	-0.5
NHSC	New Hope	23.47	11	eP	P	14 47 15.4	-0.5
NHSC	New Hope	23.47	11	eP	LR	14 47 14.8	-1.1
NHSC	New Hope	23.47	11	eP	P	14 47 18.7	+2.1
MLYT	Lee's Yard	23.52	71	eS	Sn	14 47 52.6	+2.7
MLYT	Lee's Yard	23.52	71	eS	P	14 47 15.2	-1.3
141A	Papa Simpson,	23.52	344	P	P	14 47 26.4	+9.3
TPP	Pointe-a-Pierr	23.56	87	eP	P	14 47 16.2	+9.3
435B	Jarrell	23.57	333	eP	P	14 47 14.9	-2.1
435B	Jarrell	23.57	333	eP	P	14 47 15.7	-1.3
Z45A	Winona	23.57	351	eP	P	14 47 15.2	-1.8
Z45A	Winona	23.57	351	eP	P	14 47 15.7	-1.2
TRN	Trinidad (W)	23.60	86	eP	P	14 47 19.5	+2.0
Z44A	Pea Ridge, Be	23.60	349	P	P	14 47 16.1	-1.1
Z43A	Armstrong Fami	23.70	348	P	P	14 47 17.0	-1.2
Y49A	Blount Mountai	23.74	358	eP	P	14 47 16.4	-2.3
Y49A	Blount Mountai	23.74	358	eP	P	14 47 17.5	-1.1
140A	Cam and Jess,	23.74	343	eP	P	14 47 16.9	-1.7
140A	Cam and Jess,	23.74	343	eP	P	14 47 17.7	-0.9
Y50A	Cam and Jess,	23.76	359	P	P	14 47 17.3	-1.5
Y52A	Lilburn	23.76	3	eP	P	14 47 17.1	-1.7
Y52A	Lilburn	23.76	3	eP	P	14 47 17.3	-1.5
Y51A	Rockmart	23.77	1	P	P	14 47 17.8	-1.0
Y53A	Monroe	23.78	4	P	P	14 47 17.0	-2.0
GDHS	Morne Mazeau,	23.81	72	eP	P	14 47 17.7	-1.9
Y48A	Jasper	23.83	356	P	P	14 47 18.1	-1.4
TBG	Guadalupe-3	23.84	73	eP	P	14 47 19.9	+0.1
SVB	Belmont	23.85	80	eP	P	14 47 18.2	-1.7
SVB	Belmont	23.85	80	eP	P	14 47 24.2	+4.3
SVB	Belmont	23.85	80	eS	Sn	14 47 52.6	+5.5
Y54A	Tignal	23.86	6	eP	P	14 47 17.6	-2.1
Y47A	UCPARC, Winfie	23.87	355	P	P	14 47 18.8	-1.1
ZVV	Soufriere Volc	23.89	80	eP	P	14 47 32.8	+1.3
S4A	Norrel Spur, H	23.91	346	P	P	14 47 18.8	-1.5
SSV	Crater Summit	23.92	80	eP	P	14 47 29.0	+8.4
SFAN	Fancy Village	23.94	80	eP	P	14 47 29.8	+9.1
BBL	Barber's Block	23.95	74	eP	P	14 47 22.3	+1.5
SVCV	St. Vincent, C	23.96	80	eP	P	14 47 31.6	+1.1
SVCV	St. Vincent, C	23.96	80	eS	Sn	14 52 08.6	+8.0
Y46A	Houston	23.96	353	P	P	14 47 19.2	-1.5
MDPO	Dominica; Chan	23.98	74	eP	P	14 47 25.4	+4.4
MDVC	Dominica, Vie	24.02	74	eP	P	14 47 23.6	+2.2
Y45A	Yeager C	24.03	351	P	P	14 47 19.6	-1.8
SLDE	Delcer	24.09	79	eP	P	14 47 27.0	+4.8
Z41A	Richland Creek	24.11	345	eP	P	14 47 20.0	-2.1
Z41A	Richland Creek	24.11	345	eP	P	14 47 20.5	-1.6
SLB	Belford	24.11	79	eP	P	14 47 26.9	+4.5
ANWB	Willy Bob	24.12	69	eP	P	14 47 19.0	-3.4

2012 SEP

ANWB	comp=Z,3um,1.3s	LR	LR				
ANWB	comp=Z,1080um,21.0s	LR	LR				
ANWB	Willy Bob	24.12	69	eP	P	14 47 23.3	+0.9
ANWB	Willy Bob	24.12	69	eS	S	14 51 48.5	+9.3
FDL	Fort de France	24.12	76	eP	P	14 47 20.6	-1.9
FDL	Fort de France	24.12	76	eP	P	14 47 19.5	-3.0
FDL	Fort de France	24.12	76	eS	S	14 51 40.7	+1.2
FDL	Fort de France	24.12	76	eP	Pmax	14 47 20.6	-1.9
DLPL	La Plaine	24.13	75	eP	P	14 47 27.1	+4.6
MGG	Marie-Galante	24.16	73	eP	P	14 47 28.7	+5.9
TPR	Prospect	24.22	85	eP	P	14 47 23.6	+0.2
TPR	Strider, Charl	24.23	30	eP	P	14 47 21.6	-1.6
SLPA	Patience	24.23	79	eP	P	14 47 32.0	+8.6
SLPW	Petit Monier	24.23	78	eP	P	14 47 34.1	+1.1
HODG	Hodges	24.27	6	eP	P	14 47 22.4	-1.1
Z40A	Long Farm, Mag	24.27	343	P	P	14 47 22.6	-1.0
Y43A	Makaya and Ka	24.31	349	P	P	14 47 22.1	-1.8
X50B	Fort Payne	24.32	359	P	P	14 47 23.0	-1.2
X48A	Hartselle	24.36	357	eP	P	14 47 22.1	-2.3
X48A	Hartselle	24.36	357	P	P	14 47 23.1	-1.3
JCT	Junction City	24.38	329	eP	P	14 47 22.5	-2.2
JCT	Junction City	24.38	329	eP	LR	14 47 22.5	-2.2
JCT	Junction City	24.38	329	eP	Pmax	14 47 22.5	-2.2
JCT	Junction City	24.38	329	eP	Pmax	14 47 22.5	-2.2
JCT	Junction City	24.38	329	eP	MLR	14 47 23.2	-1.5
JCT	Junction City	24.38	329	eP	MLR	14 47 23.2	-1.5
X49A	Woodlee	24.39	358	P	P	14 47 23.1	-1.6
Y42A	Garnett, Star	24.42	347	P	P	14 47 23.2	-1.7
X51A	Calhoun	24.43	1	eP	P	14 47 23.4	-1.7
X51A	Calhoun	24.43	1	eP	P	14 47 24.0	-1.0
JSC	Jenkinsville	24.44	8	eP	P	14 47 23.9	-1.2
X53A	Estanollee	24.44	4	P	P	14 47 24.2	-1.0
TOSP	Speyside	24.45	85	eP	S	14 47 27.0	+1.6
TOSP	Speyside	24.45	85	eS	S	14 52 04.6	+2.0
X47A	Russelville	24.48	355	P	P	14 47 24.1	-1.5
DEG	La Desirade	24.48	73	eP	P	14 47 19.5	-6.3
CCAR	Cane Creek	24.49	347	eP	P	14 47 23.4	-2.2
X52A	Dalhousie	24.50	3	P	P	14 47 23.4	-2.3
WHTX	Lake Whitney,	24.55	335	eP	P	14 47 23.0	-3.2
WHTX	Lake Whitney,	24.55	335	eP	P	14 47 23.8	-2.3
WHTX	Lake Whitney,	24.55	335	eP	P	14 47 23.8	-2.3
X45A	UM Field Stati	24.56	352	P	P	14 47 24.1	-2.1
X46A	Booneville	24.59	354	eP	P	14 47 24.7	-1.8
OXF	Oxford	24.65	352	eP	P	14 47 23.8	-3.2
OXF	Oxford	24.65	352	eP	Pmax	14 47 23.8	-3.2
OXF	Oxford	24.65	352	eP	Pmax	14 47 24.7	-2.3
OXF	Oxford	24.65	352	eP	P	14 47 25.2	-1.9
Y41A	Egglett Beard	24.65	345	P	P	14 47 26.0	-1.9
X44A	Crenshaw	24.75	351	P	P	14 47 27.2	-2.0
X43A	Marvell	24.89	349	eP	P	14 47 27.0	-2.2
X43A	Marvell	24.89	349	eP	P	14 47 29.4	+0.2
PAUL	Pauline	24.90	7	eP	P	14 47 28.1	-1.6
Y40A	Okolona	24.95	344	P	P	14 47 28.4	-1.4
BG3	Lake Jocassee	24.95	5	eP	P	14 47 27.6	-2.3
PLAL	Pickwick Lake	24.96	355	eP	P	14 47 27.7	

T43A	Greenville	comp=Z,1um,1.3s	27.30	351	P	P	14 47 48.2	-2.8
T42A	Van Buren	baz=169,SNR=130	27.38	350	eP	P	14 47 48.2	-3.5
T42A	Van Buren	comp=Z,1um,1.1s	27.37	350	P	P	14 47 48.5	-3.2
BLA	Blacksburg	baz=168,SNR=166	27.44	9	eP	P	14 47 50.8	-1.5
BLA	Blacksburg	comp=Z,4um,1.4s			LR	LR		
BLA	Blacksburg	comp=Z,502um,20.0s	27.44	9	P	P	14 47 52.0	-0.3
BLA	Blacksburg	comp=Z,4um,1.4s	27.44	9	P	P	14 47 51.7	-0.6
TUL1	Leonard	27.45	341	eP	P	14 47 48.0	-4.4	
TUL1	Leonard	comp=Z,2um,1.0s	27.45	341	P	P	14 47 49.0	-3.4
PTGA	Pitinga	baz=157,SNR=53	27.46	111	P	P	14 47 54.0	+1.2
PTGA	Pitinga	comp=Z,137nm,1.0s,baz=296,slow=11,SNR=58			LR	LR	14 59 17.4	
PTGA	Pitinga	comp=Z,502um,18.9s,baz=340,slow=38			P3K/Pbc		15 20 27.9	
PTGA	Pitinga	comp=Z,4.1nm,0.8s,baz=86,slow=4.2,SNR=3.9	27.46	111	P	P	14 47 54.0	+1.2
PTGA	Pitinga	comp=Z,560nm,1.3s			e			
WMOK	Wichita Mounta	27.48	336	eP	P	14 47 49.4	-3.3	
WMOK	Wichita Mounta	comp=Z,3um,1.3s			LR	LR		
WMOK	Wichita Mounta	comp=Z,1035um,21.0s	27.48	336	eP	P	14 47 49.4	-3.3
WMOK	Wichita Mounta	comp=Z,3um,1.3s			MLR	MLR		
WMOK	Wichita Mounta	comp=Z,1035um,21.0s	27.48	336	P	P	14 47 49.4	-3.3
S47A	Hartford	baz=150,SNR=111	27.48	357	P	P	14 47 49.9	-2.7
T41A	Mountain View	baz=177,SNR=52	27.51	349	P	P	14 47 49.9	-3.0
S48A	Wiedeman Farm,	baz=166,SNR=158	27.52	359	P	P	14 47 50.4	-2.6
S51A	Beattyville	baz=173,SNR=108	27.54	3	eP	P	14 47 51.8	-1.3
S51A	Beattyville	comp=Z,1um,0.9s	27.54	3	P	P	14 47 51.3	-1.8
S50A	Richmond	baz=184,SNR=266	27.55	2	P	P	14 47 51.6	-1.6
LP1G	La Paz	baz=182,SNR=127	27.56	304	P	P	14 47 53.0	-0.5
LP1G	La Paz	comp=Z,21nm,0.4s,baz=159,slow=4.5,SNR=5.6			LR	LR	14 59 43.0	
S52A	Salyersville	comp=Z,1008um,19.3s,baz=114,slow=38	27.61	4	P	P	14 47 52.4	-1.4
S46A	Don Dixon Farm	baz=185,SNR=26	27.62	356	P	P	14 47 51.7	-2.1
S49A	Springfield	baz=173,SNR=122	27.64	0	P	P	14 47 51.8	-2.2
S45A	Carrier Mills	baz=180,SNR=212	27.68	355	P	P	14 47 52.0	-2.4
S43A	Fulton Ridge,	comp=Z,2um,0.9s	27.75	352	P	P	14 47 52.6	-2.4
S44A	Carbondale	baz=170,SNR=360	27.77	353	P	P	14 47 52.8	-2.4
SIUC	Southern Illin	baz=172,SNR=306	27.79	353	eP	P	14 47 51.8	-3.5
T39A	Clever	comp=Z,2um,0.9s	27.84	346	P	P	14 47 53.2	-2.5
USIN	University	baz=163,SNR=82	27.90	356	eP	P	14 47 53.5	-2.8
S41A	Jillco Farms,	comp=Z,2um,1.0s	28.04	349	P	P	14 47 55.0	-2.6
S42A	Caledon	baz=166,SNR=160	28.05	351	P	P	14 47 54.8	-2.9
T38A	Diamond	baz=168,SNR=94	28.07	345	P	P	14 47 55.0	-2.9
WCI	Wyandotte Cave	baz=161,SNR=91	28.09	358	eP	P	14 47 55.0	-3.1
WCI	Wyandotte Cave	comp=Z,2um,1.0s	28.09	358	eP	P	14 47 55.0	-3.1
WCI	Wyandotte Cave	comp=Z,2um,0.9s	28.09	358	P	P	14 47 55.6	-2.4
R46A	Gibson Southern	baz=178	28.13	356	P	P	14 47 55.9	-2.5
R47A	Woolly Knot Far	baz=175,SNR=64	28.17	358	P	P	14 47 56.2	-2.5
GD2L	Guadalupe Moun	baz=173,SNR=109	28.19	324	eP	P	14 47 57.1	-2.1
S40A	Lebanon	comp=Z,2um,1.0s	28.19	348	P	P	14 47 56.9	-2.1
R51A	Hillsboro	baz=165,SNR=99	28.20	3	P	P	14 47 56.8	-2.2
FVM	French Village	baz=184,SNR=134	28.21	352	eP	P	14 47 56.7	-2.4
FVM	French Village	comp=Z,1um,1.3s	28.21	352	eP	P	14 47 56.7	-2.4
R48A	Northridge Ran	comp=Z,1um,1.3s	28.26	359	P	P	14 47 57.2	-2.3
R45A	Skyler, Fairri	baz=179,SNR=35	28.27	355	P	P	14 47 57.3	-2.3
R44A	Waltonville	comp=Z,2um,1.0s	28.30	347	P	P	14 47 57.6	-2.3
R52A	Cattlettsburg	baz=172,SNR=117	28.30	5	P	P	14 47 58.2	-1.7
CCM	Cathedral Cave	baz=183,SNR=29	28.40	350	eP	P	14 47 57.4	-3.4
CCM	Cathedral Cave	comp=Z,2um,1.9s	28.40	350	eP	P	14 47 57.4	-3.4
CCM	Cathedral Cave	comp=Z,2um,1.9s	28.40	350	P	P	14 47 59.2	-1.6
R43A	Red Bud	baz=168	28.43	352	P	P	14 47 58.5	-2.5
MNTX	Cornudas Mount	baz=173,SNR=106	28.43	322	eP	P	14 47 59.2	-2.0
MNTX	Cornudas Mount	comp=Z,513nm,0.9s			LR	LR		
S39A	Bolivar	comp=Z,465um,22.0s	28.43	322	P	P	14 48 00.3	-0.9
S39A	Bolivar	baz=135	28.46	347	eP	P	14 47 57.9	-3.5
S38A	Stockton	comp=Z,3um,1.8s	28.46	347	eP	P	14 47 58.8	-2.5
R42A	Luebbering	baz=183,SNR=79	28.54	346	P	P	14 47 59.6	-2.4
R58B	Mineral	baz=162,SNR=45	28.55	351	P	P	14 47 59.9	-2.2
R41A	Rosebud	baz=169,SNR=73	28.63	12	P	P	14 48 00.7	-2.1
MSTX	Muleshoe	baz=195	28.66	320	P	P	14 48 00.7	-2.4
MSTX	Muleshoe	comp=Z,1um,0.9s	28.68	329	eP	P	14 47 59.6	-3.8
OLIL	Oiney	baz=142,SNR=112	28.69	356	eP	P	14 48 00.9	-2.6
Q50A	Georgetown	comp=Z,1um,1.4s	28.73	2	P	P	14 48 00.9	-2.5
CVRD	Centerville Ro	baz=183	28.74	13	eP	P	14 48 02.1	-1.6
Q48A	North Vernon	comp=Z,2um,1.3s	28.79	359	P	P	14 48 00.2	-1.9
Q47A	Bedord North L	baz=179	28.80	358	P	P	14 48 02.5	-1.8
R40A	Maddies Statio	baz=178	28.82	349	eP	P	14 48 00.9	-3.6
R40A	Maddies Statio	comp=Z,887nm,1.2s	28.82	349	P	P	14 48 01.8	-2.7
SLM	Saint Louis	baz=165	28.82	352	eP	P	14 48 03.9	-0.7
SLM	Saint Louis	comp=Z,2um,1.3s	28.82	352	P	P	14 48 03.8	-0.7
PTLD	Parlow Road	comp=Z,2um,1.3s	28.83	13	eP	P	14 48 00.2	-4.5
Q45A	Warren Harvey,	comp=Z,2um,1.0s	28.86	356	P	P	14 48 03.1	-1.7
Q49A	Aurora	baz=174	28.86	1	P	P	14 48 03.2	-1.7
AMTX	Amarillo	baz=181	28.88	331	eP	P	14 48 01.3	-3.9
AMTX	Amarillo	comp=Z,1um,0.9s	28.88	331	P	P	14 48 02.6	-2.6
Q46A	CEJHS Indians,	baz=145	28.93	357	P	P	14 48 03.4	-2.1
Q51A	Peebles	baz=176	28.94	3	P	P	14 48 03.3	-2.3
Q44A	Meyer Farm, Va	baz=172	28.94	354	P	P	14 48 03.5	-2.1
Q52A	Bidwell	baz=186	28.95	5	P	P	14 48 04.0	-1.7
CBN	Corbin Frederi	comp=Z,3um,1.3s	28.97	13	eP	P	14 48 01.0	-4.8
CBN	Corbin Frederi	comp=Z,4269um,19.0s			LR	LR		
CBN	Corbin Frederi	baz=196	28.97	13	P	P	14 48 04.1	-1.8
R39A	Chumby, Stover	baz=164	28.99	348	P	P	14 48 03.6	-2.5
BLO	Bloomington	baz=172	29.04	358	eP	P	14 48 02.9	-3.6
BLO	Bloomington	comp=Z,1um,0.9s	29.04	358	eP	P	14 48 02.9	-3.6
SAML	Samuel	comp=Z,1um,0.9s	29.05	130	eP	P	14 48 04.2	-2.6
SAML	Samuel	comp=Z,633nm,1.2s			LR	LR		
SAML	Samuel	comp=Z,1306um,20.0s	29.05	130	eP	P	14 48 04.2	-2.6
SAML	Samuel	comp=Z,633nm,1.2s			MLR	MLR		
Q43A	New Douglas	comp=Z,1006um,20.0s	29.05	353	P	P	14 48 04.5	-2.1
R38A	Fenwick Farm,	baz=171	29.07	346	P	P	14 48 03.5	-3.3
Q42A	Golden Eagle	baz=162	29.13	352	P	P	14 48 03.8	-3.5
Q41A	Truxton	baz=168	29.28	351	P	P	14 48 05.5	-3.0
P48A	Milroy	baz=180	29.31	360	P	P	14 48 05.7	-3.2
BBSR	BB Station	comp=Z,2um,1.2s	29.33	38	eP	P	14 48 04.9	-4.2
P47A	Martinsville	baz=178	29.35	359	P	P	14 48 06.1	-3.1
P49A	Miami Univ. Ec	baz=181	29.39	1	P	P	14 48 06.6	-3.0
P51A	Williamsport	baz=184	29.41	4	P	P	14 48 07.3	-2.4
P45A	Graceland, Par	comp=Z,2um,1.0s	29.46	356	eP	P	14 48 06.9	-3.2
P45A	Graceland, Par	comp=Z,2um,1.0s	29.46	356	P	P	14 48 07.8	-2.4
P44A	Sand Creek, Wi	baz=175	29.46	355	P	P	14 48 08.0	-2.2
Q40A	Laux Farm, Aux	baz=166	29.46	349	P	P	14 48 07.7	-2.5
P50A	Jamestown	comp=Z,2um,1.0s	29.50	2	P	P	14 48 08.2	-2.4
P46A	Rosedale	baz=176	29.52	357	P	P	14 48 07.9	-2.8
P53A	Whipple	baz=188	29.56	6	P	P	14 48 08.9	-2.2
P52A	Cotting	baz=186	29.63	5	P	P	14 48 09.2	-2.5
P43A	Skaggs, Pawnee	baz=172	29.72	354	P	P	14 48 09.9	-2.7
Q38A	Cook's Store, C	baz=183	29.74	347	P	P	14 48 10.2	-2.5
P42A	Winchester	comp=Z,532nm,0.8s	29.77	352	eP	P	14 48 09.9	-3.0
P42A	Winchester	comp=Z,532nm,0.8s	29.77	352	P	P	14 48 10.4	-2.5
Q37A	Longview Farm,	baz=162	29.85	346	P	P	14 48 10.8	-2.9
MCWV	Mont Chateau	comp=Z,4um,1.4s	29.92	9	eP	P	14 48 11.9	-2.4
MCWV	Mont Chateau	baz=191	29.92	9	P	P	14 48 12.7	-1.6
P41A	Barry, Barry	baz=169	29.96	351	P	P	14 48 11.9	-2.7
P40A	Paris	comp=Z,4um,2.0s	29.98	350	eP	P	14 48 11.8	-3.0
P40A	Paris	baz=167	29.98	350	P	P	14 48 12.0	-2.8
O50A	Galie	baz=183	30.04	3	P	P	14 48 12.9	-2.5
O49A	Covington	baz=173	30.05	2	P	P	14 48 13.0	-2.4
P39B	Salisbury	baz=182	30.07	349	P	P	14 48 12.8	-2.8
O47A	Sheridan	baz=178	30.10	359	P	P	14 48 13.3	-2.5
O51A	Pataskala	baz=185	30.10	4	P	P	14 48 13.5	-2.4
O45A	Farmland	baz=180	30.11	0	P	P	14 48 13.6	-2.3
O44A	Mansfield	baz=174	30.13	355	P	P	14 48 14.0	-2.1
O52A	Adamsville	baz=187	30.13	5	P	P	14 48 13.9	-2.3
ACSO	Alum Creek Sta	comp=Z,2um,1.3s	30.16	4	eP	P	14 48 14.3	-2.1
ACSO	Alum Creek Sta	comp=Z,3102um,22.0s			LR	LR		
ACSO	Alum Creek Sta	baz=185	30.16	4	P	P	14 48 14.4	-2.0
O45A	Potomac	baz=175	30.17	356	P	P	14 48 14.2	-2.3
SDMD	Soldier's Deli	comp=Z,547nm,1.0s	30.24	13	eP	P	14 48 15.9	-1.2
SFIN	Lafayette	comp=Z,2um,1.0s	30.27	357	eP	P	14 48 14.0	-3.3
SFIN	Lafayette	baz=176	30.27	357	P	P	14 48 14.9	-2.5
O42A	Bath	baz=171	30.34	353	P	P	14 48 15.5	-2.5
O43A	Sugar Creek Fa	baz=172	30.34	354	P	P	14 48 15.7	-2.3
P38A	Dawn	comp=Z,642nm,0.8s	30.36	347	eP	P	14 48 14.6	-3.5
P38A	Dawn	baz=164	30.36	347	P	P	14 48 15.4	-2.8
O41A	Passleys Farm,	baz=169	30.36	352	P	P	14 48 15.4	-2.8
121A	Cookes Peak, D	baz=192	30.48	321	P	P	14 48 18.5	-1.0
HSIG	comp=Z,825nm,1.6s		30.50					

2012 SEP

5d 14h

Table with columns: Name, Comp, Z, Jum, 1.4s, 16, eP, P, 14 48 34.6, -2.2. Includes entries like PAL Palisades, PAL Palisades, SCIA State Center, etc.

Table with columns: Name, Comp, Z, Jum, 1.4s, 16, eP, P, 14 48 50.1, -1.9. Includes entries like DRCO St. Marys Ceme, BKRO Pickering, BRCO Bruce Peninsul, etc.

Table with columns: Name, Comp, Z, Jum, 1.4s, 16, eP, P, 14 48 59.6, -3.3. Includes entries like G39A Holcombe, GLA Glamis, GLA Glamis, etc.

PFO	comp=Z,614um,19.0s Pinyon Flats O baz=122	36.94 314	P	P	14 49 15.1	-0.5
FRD	Ford Ranch, An baz=122	36.98 314	P	P	14 49 15.8	-0.1
WVL	Waterville comp=Z,3um,1.4s	37.00 19	eP	P	14 49 12.7	-3.2
D41A	Chassel comp=Z,358nm,1.3s baz=175	37.01 356	eP	P	14 49 11.8	-4.0
D41A	Chassel baz=175	37.01 356	P	P	14 49 12.8	-3.0
P17A	Butcher Ranch, comp=Z,1um,0.9s	37.02 327	eP	P	14 49 14.7	-1.6
109C	Camp Elliot, M baz=121	37.02 313	P	P	14 49 15.2	-1.0
CPE	Camp Elliot comp=Z,1um,1.3s	37.02 313	eP	P	14 49 15.5	-0.7
GMRC	Granite Mounta baz=124	37.03 316	P	P	14 49 15.8	-0.6
SZCU	Shurtz Canyon comp=Z,963nm,1.0s	37.08 322	eP	P	14 49 16.2	-0.7
TMUT	Trail Mountain comp=Z,3um,1.3s	37.15 326	eP	P	14 49 16.1	-1.5
MSU	Marysvalle comp=Z,1um,1.1s	37.16 324	eP	P	14 49 15.6	-1.9
MSU	Marysvalle comp=Z,1um,1.1s	37.16 324	eP	P	14 49 15.6	-1.9
CCUT	Cedar City comp=Z,758nm,0.9s	37.22 322	eP	P	14 49 16.6	-1.5
TRQ	Mont Tremblant comp=Z,758nm,0.9s	37.24 12	eP	P	14 49 14.8	-3.1
K22A	Casper comp=Z,666nm,0.9s	37.39 334	P	P	14 49 16.1	-3.3
PB14	IPOC Station P baz=144	37.42 157	eP	P	14 49 26.8	+6.8
PB14	IPOC Station P baz=144	37.42 157	eP	P	14 49 26.4	+6.5
MURC	Murieta baz=121	37.45 314	P	P	14 49 18.5	-1.4
YJA	Favi baz=121	37.47 149	eP	P	14 49 22.6	+2.0
HEC	Hector,Ludlow baz=124	37.51 316	P	P	14 49 20.0	-0.4
TUQ	Turquoise Moun baz=125	37.57 317	P	P	14 49 19.8	-1.3
BBRC	Big Bear Solar baz=122	37.61 315	P	P	14 49 21.3	-0.1
RSSD	Black Hills comp=Z,333nm,0.8s	37.62 338	eP	P	14 49 18.4	-3.0
RSSD	Black Hills comp=Z,333nm,0.8s	37.62 338	eP	P	14 49 18.4	-3.0
RSSD	Black Hills comp=Z,333nm,0.8s	37.62 338	eP	P	14 49 20.1	-1.2
BELO	Belleterre baz=191	37.68 7	P	P	14 49 20.0	-1.6
SHPR	Sheep Range comp=Z,2um,1.7s	37.70 319	eP	P	14 49 21.6	-0.5
PKME	Peaks-Kenny Pk comp=Z,6um,1.9s	37.74 19	eP	LR	14 49 18.1	-4.0
PKME	Peaks-Kenny Pk comp=Z,1853um,21.0s	37.74 19	P	P	14 49 20.8	-1.3
EMMW	East Machias comp=Z,1um,1.7s	37.87 21	eP	P	14 49 21.1	-2.1
MPU	Maple Canyon comp=Z,3um,1.8s	37.89 326	eP	P	14 49 21.6	-2.1
C40A	Isle Royale Na comp=Z,358nm,0.6s	37.90 356	P	P	14 49 19.7	-3.7
C40A	Isle Royale Na baz=174	37.90 356	P	P	14 49 20.1	-3.3
RRX	Edison Barstow baz=123	37.99 316	P	P	14 49 24.4	0.0
SHOC	Shoshone, Teco baz=125	38.07 317	P	P	14 49 24.8	-0.3
NLU	North Lily Min comp=Z,778nm,1.2s	38.09 326	eP	P	14 49 24.0	-1.4
GSC	Goldstone, Bar comp=Z,928nm,1.1s	38.09 316	eP	P	14 49 25.3	-0.1
GSC	Goldstone, Bar comp=Z,928nm,1.1s	38.09 316	eP	P	14 49 25.3	-0.1
GSC	Goldstone, Bar baz=124	38.09 316	P	P	14 49 25.1	-0.3
BFSC	Mount Baldy Ra baz=124	38.11 314	P	P	14 49 24.9	-0.7
SCI2	San Clemente I baz=119	38.12 312	P	P	14 49 23.5	-2.0
EYMN	Ely comp=Z,293nm,1.0s	38.15 353	eP	LR	14 49 21.3	-4.2
EYMN	Ely comp=Z,1275um,21.0s	38.15 353	P	P	14 49 21.8	-3.7
PSUT	Pine Spring comp=Z,2um,0.8s	38.15 323	eP	P	14 49 24.3	-1.7
JLU	Jordanelle comp=Z,692nm,1.0s	38.21 327	eP	P	14 49 24.7	-1.7
CIS	Catalina Islan baz=129	38.23 313	P	P	14 49 25.9	-0.6
FMP	Fort McArthur baz=120	38.30 313	P	P	14 49 26.0	0.0
MWC	Mount Wilson comp=Z,3um,1.3s	38.39 314	eP	P	14 49 27.1	-0.9
MWC	Mount Wilson comp=Z,3um,1.3s	38.39 314	eP	P	14 49 27.1	-0.9
CTU	Camp Tracy comp=Z,966nm,1.1s	38.43 327	eP	P	14 49 26.8	-1.5
GGN	Saint George comp=Z,3um,2.0s	38.44 21	eP	P	14 49 30.5	+2.6
PASC	Padadena Art C comp=Z,4um,1.8s	38.45 314	eP	P	14 49 26.0	-2.3
VLDQ	Val d'Or comp=Z,1um,1.1s	38.55 9	eP	P	14 49 25.9	-2.3
TCUT	Toone Canyon comp=Z,7um,1.9s	38.55 328	eP	P	14 49 27.0	-2.4
DECC	Green Verdugo baz=121	38.60 314	P	P	14 49 28.4	-1.2
C3A	Trail baz=163	38.62 349	P	P	14 49 26.3	-3.2
DUG	Dugway, Tocoel comp=Z,147nm,1.0s	38.66 326	eP	P	14 49 28.2	-1.9
DUG	Dugway, Tocoel comp=Z,1002um,19.0s	38.66 326	eP	P	14 49 28.2	-1.9
DUG	Dugway, Tocoel comp=Z,747nm,1.0s	38.66 326	eP	P	14 49 28.2	-1.9
DUG	Dugway, Tocoel comp=Z,1002um,19.0s	38.66 326	eP	P	14 49 29.6	-0.5
TPNV	Topopah Spring comp=Z,1um,0.8s	38.66 319	eP	P	14 49 30.0	-0.2
TPNV	Topopah Spring comp=Z,1um,0.8s	38.66 319	eP	P	14 49 30.0	-0.2
EDW2	Edwards Air Fo baz=122	38.69 315	P	P	14 49 30.1	-0.3
LATQ	La Tuque baz=200	38.73 14	P	P	14 49 28.5	-2.0
FURC	Furnace Creek, baz=125	38.79 318	P	P	14 49 31.9	+0.9
LRMC	Laurel Mtn Rad baz=123	38.79 316	P	P	14 49 31.7	+0.5
BW06	Boulder Array comp=Z,926nm,1.1s	38.86 331	eP	LR	14 49 29.0	-2.8
BW06	Boulder Array comp=Z,867um,22.0s	38.86 331	P	P	14 49 30.3	-1.5
PD31	Pinedale Array comp=Z,14nm,0.9s	38.86 331	eP	P	14 49 28.0	-3.9
PDAR	Pinedale Array comp=Z,24nm,0.9s	38.86 331	eP	P	14 49 29.7	-2.1
PDAR	Pinedale Array comp=Z,138nm,1.2s	38.86 331	eP	P	14 51 43.6	+0.9
PDAR	Pinedale Array comp=Z,14nm,0.9s	38.86 331	eP	P	14 55 32.6	+0.3
PDAR	Pinedale Array comp=Z,618um,21.9s	38.86 331	eP	P	15 08 40.7	
PDAR	Pinedale Array comp=Z,0.5nm,0.7s	38.86 331	eP	P	14 49 27.8	-4.0
PDAR	Pinedale Array comp=Z,0.5nm,0.7s	38.86 331	eP	P	14 51 43.6	+0.9
PDAR	Pinedale Array comp=Z,0.5nm,0.7s	38.86 331	eP	P	14 55 32.6	+0.3
SNCC	San Nicolas Is comp=Z,2um,1.1s	38.97 312	eP	P	14 49 31.9	-0.8
SNCC	San Nicolas Is comp=Z,2um,1.1s	38.97 312	P	P	14 49 33.2	+0.6

MPMC	Manual Prospec baz=124	38.98 317	P	P	14 49 33.6	+0.7
BLG	Laguna Peak, P baz=120	39.05 313	P	P	14 49 34.1	+0.7
OSI	Osito Audit: C comp=Z,1um,1.2s	39.06 314	eP	P	14 49 33.2	-0.3
OSI	Osito Audit: C baz=125	39.06 314	P	P	14 49 34.0	+0.5
R11A	Troy Canyon, C comp=Z,601nm,1.0s	39.09 321	eP	P	14 49 33.3	-0.5
R11A	Troy Canyon, C baz=128	39.09 321	eP	P	14 49 33.9	+0.2
DAC	Darin (Calif) comp=Z,6um,1.1s	39.17 317	eP	P	14 49 35.4	+0.9
SPUT	South Promonto comp=Z,1um,1.1s	39.24 327	eP	P	14 49 32.6	-2.4
BGU	Big Grassy Mou comp=Z,2um,1.4s	39.29 326	eP	P	14 49 33.5	-1.9
HAL	Halifax comp=Z,601nm,1.1s	39.29 25	eP	P	14 49 33.7	-1.4
HAL	Halifax comp=Z,601nm,1.1s	39.29 25	eP	P	14 49 33.7	-1.4
ARVC	Arvin baz=121	39.40 315	P	P	14 49 36.5	+0.3
PQI	Presque Isle comp=Z,9um,1.9s	39.40 19	eP	P	14 49 34.0	-2.0
AZAP	Zapla comp=Z,2um,1.1s	39.40 150	eP	P	14 49 38.8	+2.2
SCZ2	Santa Cruz Isl baz=119	39.41 313	P	P	14 49 36.9	+0.5
GRAC	Grapevine Rang comp=Z,2um,1.1s	39.42 318	P	P	14 49 37.3	+0.9
ISA	Isabella, Lake comp=Z,1um,1.3s	39.43 316	eP	P	14 49 35.5	-1.1
ISA	Isabella, Lake comp=Z,1um,1.3s	39.43 316	eP	P	14 49 35.5	-1.1
ISA	Isabella, Lake baz=122	39.43 316	P	P	14 49 37.3	+0.7
ASTB	Santa Barbara baz=122	39.48 149	eP	P	14 49 39.4	+2.2
LSOQ	Lebel-sur-Quev baz=193	39.54 9	P	P	14 49 34.9	-2.3
MDND	Maddock comp=Z,2um,0.9s	39.56 345	eP	P	14 49 33.9	-3.5
MDNC	Maddock baz=158	39.56 345	P	P	14 49 34.8	-2.6
CWC	Cottonwood Cre baz=123	39.58 317	P	P	14 49 38.0	+0.1
AHID	Auburn Hatcher comp=Z,845nm,0.9s	39.60 330	eP	LR	14 49 36.1	-1.9
AHID	Auburn Hatcher comp=Z,845nm,0.9s	39.60 330	eP	LR	14 49 36.1	-1.9
ALOL	LOMAS DE OLMED comp=Z,1487um,22.0s	39.61 148	eP	P	14 49 40.2	+2.1
SBC	Santa Barbara baz=120	39.68 313	P	P	14 49 38.5	0.0
A33A	Warrad baz=164	39.68 350	P	P	14 49 35.2	-3.2
HVU	Hansel Valley comp=Z,1um,1.4s	39.75 327	eP	P	14 49 37.5	-1.6
HVU	Hansel Valley comp=Z,1um,1.4s	39.75 327	eP	P	14 49 37.6	-1.6
REDW	Red Top Meadow comp=Z,2um,1.1s	39.93 331	eP	P	14 49 38.6	-2.1
YES	Vestal, Richgr baz=122	39.95 315	P	P	14 49 41.2	+0.5
SNOW	Snow King Moun comp=Z,2um,1.1s	39.95 331	eP	P	14 49 38.7	-2.4
PKM	Mcpheerson Peak baz=120	39.97 314	P	P	14 49 40.9	-0.3
LOHW	Long Hollow comp=Z,3um,1.0s	40.00 331	eP	P	14 49 38.9	-2.4
TIN	Tinemaha, Big baz=124	40.02 318	P	P	14 49 41.7	+0.2
TPAW	Teton Pass comp=Z,750nm,0.9s	40.07 331	eP	P	14 49 39.3	-2.7
MOOW	Moosavi comp=Z,338nm,0.8s	40.17 331	eP	P	14 49 40.0	-2.7
GO03	Copiap comp=Z,428nm,1.2s	40.17 159	eP	P	14 49 42.4	-0.4
GO03	Copiap comp=Z,428nm,1.2s	40.17 159	eP	P	14 49 45.9	+3.2
GO03	Copiap comp=Z,428nm,1.2s	40.17 159	eP	P	14 49 42.8	-0.1
FXWY	Fox Creek comp=Z,761nm,1.5s	40.22 331	eP	P	14 49 41.0	-2.2
SMMC	Simmler baz=120	40.31 314	P	P	14 49 43.3	-0.6
IMW	Indian Meadow comp=Z,298nm,0.7s	40.37 331	eP	P	14 49 42.6	-1.9
FLWY	Flagg Ranch comp=Z,608nm,0.8s	40.40 332	eP	P	14 49 41.9	-2.8
RLMT	Red Lodge comp=Z,427nm,0.9s	40.56 334	eP	P	14 49 43.3	-2.6
RLMT	Red Lodge comp=Z,730um,20.0s	40.56 334	P	P	14 49 44.1	-1.8
RLMT	Red Lodge baz=129	40.56 334	P	P	14 49 44.1	-1.8
FSA	Cafayete comp=Z,750nm,1.0s	40.58 153	eP	P	14 49 48.1	+1.8
BATG	Bathurst New B comp=Z,2um,1.1s	40.58 20	eP	P	14 49 44.0	-1.8
H17A	Grant Village comp=Z,2um,1.7s	40.58 332	eP	P	14 49 44.3	-1.9
H17A	Grant Village baz=140	40.58 332	eP	P	14 49 45.6	-0.6
YPP	Pitchstone Pla comp=Z,1um,1.1s	40.59 332	eP	P	14 49 44.3	-2.0
LAO	LASA Array comp=Z,1um,1.3s	40.61 338	eP	P	14 49 43.3	-2.9
LAO	LASA Array comp=Z,133um,22.0s	40.61 338	P	P	14 49 44.0	-2.2
LKWy	Lake comp=Z,912nm,1.3s	40.63 332	eP	P	14 49 45.2	-1.3
LKWVY	Lake comp=Z,1136um,22.0s	40.63 332	eP	P	14 49 45.2	-1.3
PAGB	Antelope Grade comp=Z,6um,1.6s	40.70 315	eP	P	14 49 45.8	-1.3
YFT	Old Faithful comp=Z,664nm,0.9s	40.74 332	eP	P	14 49 46.7	-0.8
MLAC	Mammoth, Mammo baz=124	40.74 318	P	P	14 49 47.0	-0.6
NV11	Mina Array Sit comp=Z,190nm,0.8s	40.76 319	eP	P	14 49 47.3	-0.3
OMMB	Old Mammoth Mi comp=Z,719nm,1.0s	40.84 318	eP	P	14 49 48.0	-0.5
NV01	Mina Array Sit comp=Z,190nm,0.8s	40.85 319	eP	P	14 49 47.4	-1.0
NVAR	Mina Array Bea comp=Z,100nm,0.7s	40.85 319	eP	P	14 49 48.1	-0.4
NVAR	Mina Array Bea comp=Z,50nm,0.8s	40.85 319	eP	P	14 51 51.0	+1.8
NVAR	Mina Array Bea comp=Z,7.4nm,1.0s	40.85 319	eP	P	14 55 40.6	+0.4
NVAR	Mina Array Bea comp=Z,7.4nm,1.0s	40.85 319	eP	P	15 13 35.4	-5.9
NVAR	Mina Array Bea comp=Z,0.3nm,0.7s	40.85 319	eP	P	15 27 60.0	
YNR	Norris Junctio comp=Z,598nm,1.4s	40.87 332	eP	P	14 49 47.0	-1.6
LHV	Little Huntoon comp=Z,2um,1.1s	40.88 319	eP	P	14 49 49.3	-1.6
MDYM	Dry Creek comp=Z,1um,1.0s	40.88 318	eP	P	14 49 50.2	+1.4
MDPB	Devil Postpil comp=Z,1um,1.0s	40.91 318	eP	P	14 49 48.5	-0.5
YMR	Madison Rive comp=Z,585nm,0.8s	40.92 332	eP			

5d 14h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like K05A Summer Lake, KCPM Cahto Peak, M04C Macdoel, etc.

2012 SEP

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PMNB Nuku Hiva Isla, PCED Cedros, IVI Ivigut, etc.

338

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like TAOE comp=Z,586um,24.7s, baz=70, TAOE Nuku Hiva Isla, PCED Cedros, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Raoul Island, Ano Chora, Petropavlovsk, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KIS, VLY, AMRR, RDO, SKY, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ANTO, ANKA, VANDA, BRTR, etc.

Table with columns: Code, Station Name, Az, El, S, W, P, Res. Includes stations like NVAR, PNTR, PLCA, ILAR, ILB, SONA, SONM, MK32, MKAR, KSRK, KSRJ, ASAR, ASAR, WRI, WRI, WRA, WRA, CM31, CMAR.

IDC 05 15:04:04.3-2.7, 10.87N-84.42W, h0km, mb3.6/2, mb1 4.1/2, mb1mx3.6/40, mbtmp3.6/2, Error ellipse: s-maj=59.7km s-min=11.4km az=120.0, Costa Rica

Table with columns: Code, Station Name, Az, El, S, W, P, Res. Includes stations like JTS, JTS, TXAR, NVAR, CMAR.

IDC 05 15:12:34.5-0.7, 9.47N-84.82W, h0km, mb4.1/14, mb1 4.3/16, mb1mx4.2/38, mbtmp4.1/16, ML3.2, Error ellipse: s-maj=21.7km s-min=9.1km az=68.0, ISC/JB 05 15:12:35.2-0.3, 9.44N-0.03x84.90W-0.03, h21km, mb4.4/47, Error ellipse: s-maj=5.4km s-min=4.4km az=43.1, UCR 05 15:12:38.2-2.0, 9.50N-84.77W, h10km, MD3.8, ML3.7, mb4.5(NEIC), NEIC 05 15:12:39.8-0.4, 9.61N-84.77W, h35km, mb4.5/34, Error ellipse: s-maj=8.7km s-min=5.4km az=220.0, ISC 05 15:12:37.7-0.5, 9.50N-0.06x84.80W-0.06, h21km, n232, n+19/1234, mb4.4/47, 3C-3D, Costa Rica

Main table with columns: Code, Station Name, Az, El, S, W, P, Res. Includes stations like JTS, HDO, HDO, FORC, PACM, CEDE, CUI, EDLM, MESS, EDPN, ESPN, ESPN, XAVN, BOAB, BOAB, COPN, MCOM, CNGR, MATN, ESTN, ESTN, LEND, LEND, FCIP, TGUH, LFRS, APG, CMIG, 656A, 655A, SJG, SJG, 556A, 454A, 452A, 351A, 353A, 349A, 254A, 252A, 251A, 244A, 248A, 245A, 151A, 150A, 154A, 152A, 149A, 149A, 155A, 148A, 833A, 147A, 147A, 145A, LRAL, LRAL.

Main table with columns: Code, Station Name, Az, El, S, W, P, Res. Includes stations like Z52A, Z49A, Z50A, Z54A, Z53A, Z51A, Z47A, GOGA, GOGA, Z46A, Z48A, Z45A, Y52A, Y52A, Y53A, Y51A, Y49A, Y49A, Y50B, Y45B, 435B, Y54A, Y48A, Y47A, Y46A, X50B, JSC, X48A, X48A, X53A, X49A, X51A, X52A, X47A, JCT, X45A, X46A, OXF, WHTX, WHTX, BG3, W52A, W52A, W49A, W51A, W50A, W50A, W48A, W53A, W48A, W47A, CPCT, V50A, TKL, V49A, V48A, V51A, MIAR, MIAR, V52A, X39A, V47A, W41B, TX31, TXAR, W40A, PTGA, PTGA, U50A, U53A, W39A, V42A, V41A, V40A, U42A, T50A, V39A, T49A, T42A, T42A, T41A, W40K, S44A.

Main table with columns: Code, Station Name, Az, El, S, W, P, Res. Includes stations like S40A, CCM, MNXX, Q52A, Q51A, R39A, P48A, Q41A, P53A, P52A, MCWV, Q38A, O50A, O49A, O52A, ACSO, ACSO, N50A, N49A, N42A, N39A, ANMO, J42A, J38A, S22A, SIV, J36A, WUAZ, WUAZ, WUAZ, PV12, PV18, G39A, GLA, F41A, PDMCI, U15A, BC3, E40A, E39A, IRM, MONPZ, KNB, SRU, BELC, TPFO, XPFO, PFO, PFO, FRD, GMRC, PKME, YEC, HEM, PSUT, EDWZ, LRMC, PDAR, MPMC, R11A, GRAC, ISA, CWC, NV01, NVAR, MDPB, KVN, BNM, YERR, BDFB, W20R, W20R, SMW, PLCA, ILAR, ESDC, TIC, LIC, KIC, TORD, KEST, ARCES, MKAR, KSRJ, KSRJ, KSH, LZH, ASAR, WRA.

Table with columns: ENTT, Nioudou, 0.61 305 P, Pb, 16 49 15.1 -0.4, etc. Lists various stations and their coordinates.

Table with columns: ELDTW, Erlin, 1.66 257 eP, Sb, 16 49 49.2 +0.2, etc. Lists stations and their coordinates.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists station codes, names, and technical details.

IDC 05 16:53:49.9-3.5, 10.29N x 125.87E, h0km, mb3.4/3, mb1 3.5/3, mb1mx3.3/4.1, mbtmp3.4/3, Error ellipse: s-maj=285.6km s-min=26.8km az=65.0, Leyte

NEIC 05 16:54:12.8-0.7, 11.07N-84.66W, h10km, mb4.0/4, Error ellipse: s-maj=16.9km s-min=9.7km az=89.0

IDC 05 16:54:12.5-1.7, 11.19N-84.68W, h0km, mb3.8/4, mb1 4.2/5, mb1mx3.7/3.7, mbtmp3.8/5, ML3.3/1, Error ellipse: s-maj=49.2km s-min=10.2km az=96.0

UCR 05 16:54:17.0-1.6, 10.31N-85.78W, h24km, 19km, MD3.9, ML3.3, mb4.0(NEIC)

ISC 05 16:54:15.0-1.7, 11.11N-84.73W, 0.07, h19km, 5km, n39, r126/42, mb3.8/8, Nicaragua

MOS 05 16:58:09.7-2.9, 51.62N-160.50E, h57km, mb4.2/3, Error ellipse: s-maj=10.5km s-min=4.1km az=98.3

KRSC 05 16:58:09.7-1.7, 51.62N-160.50E, h57km, 22km, ML4.1

IDC 05 16:58:09.3-0.9, 51.80N-160.33E, h0km, mb3.9/16, mb1 4.1/7, mb1mx3.8/3.9, mbtmp3.9/17, ML2.6/1, Error ellipse: s-maj=25.9km s-min=15.6km az=168.0

ISCJB 05 16:58:11.9-0.4, 51.65N-160.46E, 0.05, h35km, mb4.0/18, Error ellipse: s-maj=4.8km s-min=3.9km az=44.4

NEIC 05 16:58:14.7-1.3, 51.81N-160.30E, h37km, 11km, mb4.5/2, Error ellipse: s-maj=12.9km s-min=8.1km az=165.0

ISCJB 05 17:06:10.0-0.2, 43.74N-102.1184E, 0.02, h22km, 2km, Error ellipse: s-maj=3.3km s-min=2.2km az=18.1

ISC 05 17:06:10.3:0.8,43.70N:0.02x11.83E:0.02,h16km,5km,
n68,r125/109, Central Italy

Code	Station Name	Δ°	AZ°	Phase	ID	ISC	Time	Res	ISC	CAFI	S	Sb	17 06 25.4 +0.9	FRON	comp=N,697μm,0.4s	AML	AML			
ASQU	Asqua	0.10	345	Op	ISC	h	m	s	ISC	CAFI	AML	AML		FRON	comp=E,423μm,0.5s	AML	AML			
ASQU				S	Pg	17	06	13.7	-0.1	CAFI	AML	AML		FRON	comp=N,698μm,0.4s	AML	AML			
ASQU				AML	Sg	17	06	16.5	+0.4	CAFI	AML	AML		FRON	comp=N,698μm,0.4s	AML	AML			
ASQU	comp=E,17500μm,0.3s			AML	AML					CAFI	AML	AML		FRON	comp=E,423μm,0.5s	AML	AML			
ASQU	comp=N,7455μm,0.3s			AML	AML					CAFI	AML	AML		MPAG	Monte Paganucc	0.68	96	P	Pg	17 06 22.2 -1.4
ASQU	comp=E,17500μm,0.3s			AML	AML					CAFI	AML	AML		MPAG				S	Sg	17 06 31.8 -0.9
ASQU	comp=N,7455μm,0.3s			AML	AML					CAFI	AML	AML		MPAG	comp=E,412μm,0.6s	AML	AML			
ASQU	comp=E,17500μm,0.3s			AML	AML					CAFI	AML	AML		MPAG	comp=N,793μm,0.6s	AML	AML			
ASQU	comp=N,7455μm,0.3s			AML	AML					CAFI	AML	AML		MPAG	comp=E,412μm,0.6s	AML	AML			
SFI	Santa Sofia	0.21	4	P	Pg	17	06	14.5	-0.7	CAFI	AML	AML		MPAG	comp=N,793μm,0.6s	AML	AML			
SFI				S	Sg	17	06	17.5	-0.9	CAFI	AML	AML		MPAG	comp=N,793μm,0.6s	AML	AML			
SFI	comp=E,4895μm,0.3s			AML	AML					CAFI	AML	AML		MPAG	comp=N,793μm,0.6s	AML	AML			
SFI	comp=N,4795μm,0.9s			AML	AML					CAFI	AML	AML		MPAG	comp=E,412μm,0.6s	AML	AML			
SFI	comp=E,5085μm,0.3s			AML	AML					CAFI	AML	AML		FSSB	Fossombrone	0.69	90	P	Pg	17 06 22.2 -1.6
SFI	comp=N,4935μm,0.9s			AML	AML					CAFI	AML	AML		FSSB				S	Sg	17 06 32.5 -0.4
SFI	comp=E,4890μm,0.3s			AML	AML					CAFI	AML	AML		FSSB	comp=E,1350μm,1.3s	AML	AML			
SFI	comp=N,4935μm,0.9s			AML	AML					CAFI	AML	AML		FSSB	comp=N,1440μm,1.3s	AML	AML			
SFI	comp=E,4890μm,0.3s			AML	AML					CAFI	AML	AML		FSSB	comp=E,1350μm,0.5s	AML	AML			
SFI	comp=N,4795μm,0.9s			AML	AML					CAFI	AML	AML		FSSB	comp=N,1440μm,1.3s	AML	AML			
SFI	comp=E,5090μm,0.3s			AML	AML					CAFI	AML	AML		FSSB	comp=N,1440μm,1.3s	AML	AML			
SFI	comp=N,4940μm,0.9s			AML	AML					CAFI	AML	AML		FSSB	comp=E,1350μm,0.5s	AML	AML			
SFI	comp=E,4890μm,0.3s			AML	AML					CAFI	AML	AML		SSFR	Montelago di S	0.74	110	P	Pb	17 06 24.1 -0.8
SFI	comp=N,4795μm,0.9s			AML	AML					CAFI	AML	AML		SSFR				S	Sg	
SFI	comp=E,5090μm,0.3s			AML	AML					CAFI	AML	AML		SSFR	comp=1,1033μm,0.6s	AML	AML			
SFI	comp=N,4935μm,0.9s			AML	AML					CAFI	AML	AML		SSFR	comp=N,1835μm,0.2s	AML	AML			
SFI	comp=E,4890μm,0.3s			AML	AML					CAFI	AML	AML		SSFR	comp=N,1835μm,0.2s	AML	AML			
SFI	comp=N,4935μm,0.9s			AML	AML					CAFI	AML	AML		SSFR	comp=N,1835μm,0.2s	AML	AML			
SFI	comp=E,5090μm,0.3s			AML	AML					CAFI	AML	AML		SSFR	comp=N,1835μm,0.2s	AML	AML			
SFI	comp=N,4795μm,0.9s			AML	AML					CAFI	AML	AML		SSFR	comp=N,1835μm,0.2s	AML	AML			
SFI	comp=E,5090μm,0.3s			AML	AML					CAFI	AML	AML		SSFR	comp=N,1835μm,0.2s	AML	AML			
SFI	comp=N,4795μm,0.9s			AML	AML					CAFI	AML	AML		SSFR	comp=N,1835μm,0.2s	AML	AML			
SSP9	Sansepolcro	0.26	119	P	Pg	17	06	15.9	0.0	PE3	AML	AML		ATCC	comp=N,1215μm,1.0s	AML	AML			
SSP9				S	Sb	17	06	20.2	-0.5	PE3	AML	AML		ATCC	comp=E,2140μm,0.4s	AML	AML			
SSP9	comp=E,2230μm,0.4s			AML	AML					PE3	AML	AML		ATCC	comp=N,1215μm,1.0s	AML	AML			
SSP9	comp=N,3165μm,0.5s			AML	AML					PE3	AML	AML		ATCC	comp=E,2140μm,0.4s	AML	AML			
SSP9	comp=E,2230μm,0.4s			AML	AML					PE3	AML	AML		ATCC	comp=N,1215μm,1.0s	AML	AML			
SSP9	comp=N,3160μm,0.5s			AML	AML					PE3	AML	AML		ATCC	comp=E,2140μm,0.4s	AML	AML			
PARC	Parchiule	0.30	100	P	Pg	17	06	16.0	-0.8	ATPI	AML	AML		MGAB	Montegabbione	0.81	165	P	Pg	17 06 26.8 +0.7
PARC				S	Sg	17	06	20.1	-1.0	ATPI	AML	AML		MGAB	comp=N,1135μm,0.4s	AML	AML			
ATCA	Cantone	0.35	113	P	Pg	17	06	17.3	-0.2	ATPI	AML	AML		MGAB	comp=E,943μm,0.5s	AML	AML			
ATCA				S	Sg	17	06	22.2	-0.2	ATPI	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATCA	comp=E,1530μm,1.0s			AML	AML					ATPI	AML	AML		MGAB	comp=E,943μm,0.5s	AML	AML			
ATCA	comp=N,1590μm,0.5s			AML	AML					ATPI	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATCA	comp=E,1530μm,1.0s			AML	AML					ATPI	AML	AML		MGAB	comp=E,943μm,0.5s	AML	AML			
ATCA	comp=N,1590μm,0.5s			AML	AML					ATPI	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATCA	comp=E,1530μm,1.0s			AML	AML					ATPI	AML	AML		MGAB	comp=E,943μm,0.5s	AML	AML			
ATCA	comp=N,1590μm,0.5s			AML	AML					ATPI	AML	AML		MGAB	comp=N,1135μm,0.4s	AML	AML			
BADI	Badiali	0.36	122	P	Pg	17	06	17.5	-0.2	ATPC	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
BADI				S	Sg	17	06	23.1	+0.4	ATPC	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
BADI	comp=E,2225μm,1.4s			AML	AML					ATPC	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
BADI	comp=N,2415μm,0.5s			AML	AML					ATPC	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
BADI	comp=E,2220μm,1.4s			AML	AML					ATPC	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
BADI	comp=N,2415μm,0.5s			AML	AML					ATPC	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
BADI	comp=E,2220μm,1.4s			AML	AML					ATPC	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
BADI	comp=N,2415μm,0.5s			AML	AML					ATPC	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
BADI	comp=E,2220μm,1.4s			AML	AML					ATPC	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
BADI	comp=N,2415μm,0.5s			AML	AML					ATPC	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATMC	Monte Cedrone	0.37	133	P	Pg	17	06	17.9	0.0	ATVO	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATMC				S	Sg	17	06	23.5	+0.5	ATVO	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATMC	comp=E,4120μm,1.5s			AML	AML					ATVO	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATMC	comp=N,5325μm,1.3s			AML	AML					ATVO	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATMC	comp=E,4120μm,1.5s			AML	AML					ATVO	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATMC	comp=N,5325μm,1.3s			AML	AML					ATVO	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATMC	comp=E,4120μm,1.5s			AML	AML					ATVO	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATMC	comp=N,5325μm,1.3s			AML	AML					ATVO	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATMC	comp=E,4120μm,1.5s			AML	AML					ATVO	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
ATMC	comp=N,5325μm,1.3s			AML	AML					ATVO	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
CPGN	Carpegna, Ital	0.37	74	P	Pg	17	06	17.2	-0.8	PIE1	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
CPGN				S	Sg	17	06	22.8	-0.4	PIE1	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
CPGN	comp=E,2945μm,1.3s			AML	AML					PIE1	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
CPGN	comp=N,3535μm,0.4s			AML	AML					PIE1	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
CPGN	comp=E,2785μm,1.3s			AML	AML					PIE1	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
CPGN	comp=N,3420μm,0.3s			AML	AML					PIE1	AML	AML		MGAB	comp=N,1215μm,0.4s	AML	AML			
CPGN	comp=E,2945μm,1.3s																			

5d 19h

ellipso: s-maj=11.8km s-min=6.7km az=52.0
ISCJB 05 17:47:59.4,0.0,10.84S,0:05:11.832E,0.06,h33km,
mb4.4/22,MS4.9/2,Error ellipse: s-maj=9.6km
s-min=6.2km az=140.2
DJA 05 17:47:59.8,1.9,11.1'S,10.1'E,1.1h,12km,15km,M4.5/14,
mb4.5/4,MLV4.5/14

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for various locations like Denpasar, Jajag, Banyuwya, etc.

ISCJB 05 18:19:58.2,0.9,36.78N,140:57E,h0km,mb3.6/7,
mb1.3/7,mb1mx3.6/45,mbtmp3.6/9,ML3.3/2,Error
ellipse: s-maj=19.1km s-min=14.3km az=165.0
JMA 05 18:19:59.3,0.5,36.68N,140:03:14.0,68E:0:05,h18km,4km,
mb3.5/7,Error ellipse: s-maj=7.3km s-min=3.9km az=182.2

2012 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for various locations like Hitachinakayam, Shioaba, Yasato, etc.

IDC 05 18:29:50.5,1.1,12.15N,46:13E,h0km,mb3.7/9,
mb1.3/9,10,mb1mx3.7/34,mbtmp3.7/10,ML4.0/1,Error
ellipse: s-maj=31.4km s-min=21.2km az=7.0
ISCJB 05 18:29:51.0,0.8,12.30N,1:46:05E,0:06,h13km,mb3.7/9,
Error ellipse: s-maj=17.6km s-min=8.0km az=15.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for various locations like Aden, Dhamar, etc.

ISCJB 05 18:42:33.7,0.6,11.97N,0:07:46E,19E:0:07,h13km,
mb3.6/14,Error ellipse: s-maj=10.5km s-min=9.1km
az=36.2
IDC 05 18:42:33.3,0.9,11.97N,46:20E,h0km,mb3.6/14,
mb1.3/8,17,mb1mx3.7/49,mbtmp3.6/17,ML3.6/1,Error
ellipse: s-maj=22.4km s-min=17.7km az=7.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for various locations like Aden, Dhamar, etc.

352

s-maj=30.5km s-min=16.8km az=14.0
ISC 05 18:47:16.5,3.3,8.66N,0:05:126.88E,0:09,h5km,20km,
n14,1:161/21,mb3.3/3,3D,Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for various locations like Bislig, Butuan, Surigao, etc.

KRSC 05 18:51:03.6,1.2,2.5076N,157:25E,h124km,12km,ML3.6,
Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for various locations like Severo-Kuril's, Pauzhetka, etc.

DJA 05 19:00:20.3,2.5,10:5:23,11:41E,1h0km,M3.5/7,
MLV3.5/7,South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for various locations like Jajag, Banyuwya, etc.

IDC 05 19:01:19.9,1.4,1:50S,119:29E,h0km,mb3.5/6,
mb1.3/6,mb1mx3.4/41,mbtmp3.5/6,Error ellipse:
s-maj=163.0km s-min=19.3km az=61.0
DJA 05 19:01:24.4,0.5,1:54:12:0E,1h0km,M3.6/7,MLV3.6/7

ISC 05 19:01:22.9,1.2,0:09S,0:07:119E,0:11,h7km,8km,n14,
c230/14,mb3.6/6,Minahassa Peninsula,Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for various locations like Palu, Mapaga, etc.

IDC 05 19:16:33.3,3.8,10:80N,125:88E,h0km,mb3.4/3,
mb1.3/3,mb1mx3.3/40,mbtmp3.4/3,MS4.3/1,Ms1.4/3,1,
ms1mx3.6/27,Error ellipse: s-maj=307.4km
s-min=27.1km az=65.0,LeYTE

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for various locations like Sangihe, Ternate, etc.

IDC 05 19:21:58.4,0.8,3:39N,126:31E,h0km,mb3.8/11,
mb1.3/9,11,mb1mx3.7/48,mbtmp3.8/11,Error ellipse:
s-maj=58.1km s-min=14.4km az=73.0
DJA 05 19:22:02.5,1.0,4:16:12:7E,1h0km,M4.1/5,mb4.3/1,
MLV4.0/5

ISCJB 05 19:22:03.4,0.6,3:72N,0:06:127:00E:0:07,h53km,
mb3.8/11,Error ellipse: s-maj=11.4km s-min=7.7km
az=151.8

ISC 05 19:22:05.2,0.7,3:65N,0:08:126:88E:0:09,h53km,n14,
c197/17,mb3.8/11,Talau Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for various locations like Sangihe, Ternate, etc.

5d 20h

NEIC 56 km [35 miles] SSE of Gillette, ISC 05 20:00:10.7, 0.7, 43.84N, 0.04x105.21W, 0.06, h0km, m3, 9, 146/42, mb4.1/3, Wyoming

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

ISC 05 20:09:36.2, 0.9, 10.48N, 126.70E, h0km, mb3.9/12, mb1 4.0/13, mb1mx3.9/38, mbtmp4.0/13, Error ellipse: s-maj=36.4km s-min=14.1km az=84.0

ISC/JB 05 20:09:37.8, 0.5, 10.62N, 0.03x126.96E, 0.04, h20km, mb3.9/12, Error ellipse: s-maj=5.1km s-min=3.8km az=177.0

NEIC 05 20:09:41.2, 0.5, 10.48N, 126.70E, h35km, mb4.5/1, Error ellipse: s-maj=23.0km s-min=8.1km az=87.0

MAN 05 20:09:42.3, 10.61N, 126.79E, h39km, mb5.1, ML4.0, MS4.2

ISC 05 20:09:39.2, 0.7, 10.63N, 0.04x126.97E, 0.07, h20km, m3, 9, 153/50, mb4.0/12, 2C-3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations in the Philippine Islands region.

2012 SEP

Table with columns: ZALV, Zalesovo Beam, 54.65 331 P, 20 19 07.4 +0.9; KURK, Kurchatov, 56.17 325 eP, 20 19 17.5 0.0; FINES, FINESS Array B, 85.91 332 P, 20 22 17.0 -0.6

ISC/JB 05 20:10:54.6, 0.6, 54.25N, 0.03x59.91E, 0.08, h0km, Error ellipse: s-maj=6.8km s-min=4.7km az=171.8

NNC 05 20:11:00.3, 1.7, 54.03N, 60.16E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=16.8km s-min=4.8km az=145.0

Suspected Mining explosion, ISC 05 20:10:55.0, 0.8, 54.24N, 0.03x59.67E, 0.06, h0km, m15, c1582/26, 7C-3D, Ural Mountains region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations in the Ural Mountains region.

UCR 05 20:21:08.2, 0.1, 12.08N, 88.38W, h53km, 79km, MD3.8, ML3.2, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations in the Off coast of central America region.

DJA 05 20:25:05.4, 2.1, 11.1S, 19.114E, h10km, M3.5/6, ML3.5/6, South of Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations in the South of Java region.

ISC 05 20:33:09.4, 1.2, 35.20N, 138.94E, h0km, mb3.4/3, mb1 3.5/5, mb1mx3.3/57, mbtmp3.4/5, ML2.8/2, Error ellipse: s-maj=27.1km s-min=12.1km az=71.0

ISC/JB 05 20:33:11.7, 0.6, 35.39N, 0.03x139.30E, 0.06, h25km, 5km, mb3.4/3, Error ellipse: s-maj=8.4km s-min=4.3km az=172.3

JMA 05 20:33:12.4, 0.1, 35.41N, 139.25E, h17km, M3.6, Broadband fault plane solution: P waves, NP1: 0.25, 0.00000, 0.80, 0.00000, 0.65, 0.00000, NP2: 0.274, 0.00000, 0.157, 0.00000, Principal axes: T: Plg49, 0.0000, Azm267, 0.0000; N: P1g25, 0.0000; Azm29, 0.0000; P: P1g30, 0.0000; Azm135, 0.0000

JMA Feil II J1, ISC 05 20:33:11.8, 1.0, 35.38N, 0.03x139.23E, 0.05, h26km, 7km, n18, 0.88/24, mb3.5/3, 2C-6D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations in the Near south coast of eastern Honshu region.

354

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations in the top right section.

JUNU Nakatsue, 7.27 254 Pn, 20 34 54.4 -2.0

H1N12 WAKE ISLAND HY 28.93 115 T, 20 19 40.5

H1N11 WAKE ISLAND HY 28.94 115 T, 20 19 43.2

H1N13 WAKE ISLAND HY 28.95 115 T, 20 19 43.6

MKAR Makanchi Array, 43.52 303 P, 20 41 13.4 +0.3

WRA Warramunga Arr, 55.21 186 P, 20 42 41.7 -0.8

ASAR Alice Springs, 58.94 186 P, 20 43 08.6 -0.2

BUI 05 20:36:27.0, 11.91N, 45.87E, h5km, mb4.9/55, mb5.3/43, Ms4.9/31, Ms7.4/730

IDC 05 20:36:30.4, 0.4, 12.09N, 46.18E, h0km, mb4.5/35, mb1 4.6/38, mb1mx4.6/46, mbtmp4.5/38, ML3.7/3, MS4.6/31, Ms1 4.6/31, ms1mx4.5/42, Error ellipse: s-maj=11.6km s-min=10.6km az=83.0

ISC/JB 05 20:36:31.2, 0.2, 12.03N, 0.03x46.26E, 0.03, h10km, mb4.8/145, MS4.7/40, Error ellipse: s-maj=4.3km s-min=3.6km az=10.9

MOS 05 20:36:32.1, 1.2, 12.01N, 46.30E, h14km, mb5.2/57, MS4.7/38, Error ellipse: s-maj=8.1km s-min=3.8km az=100.5

DSN 05 20:36:32.1, 0.8, 12.17N, 46.12E, h10km, mb5.3/12, Ms4.9/5, Error ellipse: s-maj=20.3km s-min=8.5km az=129.0

NEIC 05 20:36:32.9, 0.3, 12.08N, 46.24E, h10km, mb5.1/52, Error ellipse: s-maj=6.6km s-min=5.9km az=62.0

DHMR 05 20:36:36.5, 1.5, 12.55N, 45.84E, h17km, 22km, ML4.7, DHMR 05 20:36:38.0, 1.3, 12.13N, 46.59E, h10km, Error ellipse: s-maj=20.3km s-min=8.0km az=15.0

ISC 05 20:36:33.7, 0.4, 12.09N, 0.04x46.19E, 0.04, h15km, 2km, h15km, pp-P, n407, c1592/432, mb4.9/151, MS4.7/41, 39C-21D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations in the Western Gulf of Aden region.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vista de Mar, JuntasAbangare, Guayabo de Bag, etc.

NEIC 05 21:21:50.8, 0.19, 65N, 64.16W, h45km, MD3.4 (RSPPR), After RSPPR, RSPPR 05 21:21:50.8, 19.65N, 64.16W, h45km, 8km, MD3.4/10

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Anegada, Tortola, Saint Thomas, etc.

GUC 05 21:25:58.0, 0.5, 23.75S, 67.23W, h232km, 12km, ML4.1, 4C-2D, Chile-Argentina border region

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

ISC/JB 05 21:41:15.2, 0.7, 24.08S, 0.05, 66.97W, 0.05, h181km, mb3.5/2, Error ellipse: s-maj=7.7km s-min=5.9km az=36.6

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

Table with columns: PB01, PB02, PB08, etc. Includes stations like IPOC Station P, IPOC Station P, etc.

IDC 05 22:02:38.6, 2.5, 10.64S, 113.94E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.3/29, mbmtmp3.4/4, Error ellipse: s-maj=124.5km s-min=23.8km az=47.0, South of Jawa

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

UCR 05 22:07:50.0, 1.1, 13.54N, 91.45W, h36km, 999km, ML4.0, mb4.1 (NEIC)

MEX 05 22:07:52.4, 0.5, 13.74N, 91.05W, h110km, 21km, MD3.9, IDC 05 22:07:53.0, 4.2, 13.53N, 90.99W, h33km, 28km, mb3.9/7, mb1 4.1/9, mb1mx3.2/37, mbmtmp4.0/9, ML4.0/2, MS3.9/2, Ms1 3.9/2, ms1mx3.2/37, Error ellipse: s-maj=32.2km s-min=18.9km az=46.0

NEIC 05 22:07:53.2, 1.1, 13.44N, 91.26W, h35km, mb4.1/7, az=24.0, Error ellipse: s-maj=18.8km s-min=11.4km

ISC 05 22:07:54.5, 1.1, 13.58N, 0.008, 91.23W, 0.05, h46km, 13km, n54, e203/69, mb4.0/10, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like El Retiro, San Blas, APG, etc.

TEIG Tepich, TLIG Tiapa, TX31 Lajitas Ar. Si, TXAR Lajitas Ar. Si, LRAL Lakeview Retre, Z50A Ashland, ABTX Abilene, Hanwin, MNTX Cornudas Mount, TKL Tuckaleechee C, ANMO Albuquerque, ANMO Albuquerque, WUAZ Wupatki, PTGA Pitinga, NVAR Mina Array, NVAR Mina Array, HLID Halley, IRO Indian Ridge, LON Longmire

Table with columns: SIV, SCHO, YKA, ILAR, HFS, CMAR, etc. Includes stations like San Ignacio, Schefferville, etc.

IDC 05 22:10:41.0, 1.8, 13.48S, 167.20E, h157km, 12km, mb4.1/16, mb1 4.2/17, mb1mx4.0/44, mbmtmp4.6/17, Error ellipse: s-maj=2.5, 1.9m, 0.6s, baz=211, slow=11, SNR=5.7

ISC/JB 05 22:10:44.2, 1.4, 13.45S, 0.07, 167.04E, 0.08, h198km, 12km, mb4.2/21, Error ellipse: s-maj=13.5km s-min=10.5km az=14.6

NEIC 05 22:10:45.7, 1.5, 13.47S, 167.06E, h198km, 14km, mb4.5/8, Error ellipse: s-maj=9.9km s-min=8.4km az=71.0

ISC 05 22:10:42.6, 0.8, 13.42S, 0.08, 167.12E, 0.10, h170km, 5km, n52, e1910/75, mb4.4/22, Vanuatu Islands

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

AS31 AS13 Springs, 33.02 247 eP, 6.7m, 0.5s

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

AKASA Malin Array B, BR10 Keskin Array B, BR11 Keskin Array B, BR12 Keskin Array B, BR13 Keskin Array B, BR14 Keskin Array B, BR15 Keskin Array B, BR16 Keskin Array B, BR17 Keskin Array B, BR18 Keskin Array B, BR19 Keskin Array B, BR20 Keskin Array B, BR21 Keskin Array B, BR22 Keskin Array B, BR23 Keskin Array B, BR24 Keskin Array B, BR25 Keskin Array B, BR26 Keskin Array B, BR27 Keskin Array B, BR28 Keskin Array B, BR29 Keskin Array B, BR30 Keskin Array B, BR31 Keskin Array B, BR32 Keskin Array B, BR33 Keskin Array B, BR34 Keskin Array B, BR35 Keskin Array B, BR36 Keskin Array B, BR37 Keskin Array B, BR38 Keskin Array B, BR39 Keskin Array B, BR40 Keskin Array B, BR41 Keskin Array B, BR42 Keskin Array B, BR43 Keskin Array B, BR44 Keskin Array B, BR45 Keskin Array B, BR46 Keskin Array B, BR47 Keskin Array B, BR48 Keskin Array B, BR49 Keskin Array B, BR50 Keskin Array B, BR51 Keskin Array B, BR52 Keskin Array B, BR53 Keskin Array B, BR54 Keskin Array B, BR55 Keskin Array B, BR56 Keskin Array B, BR57 Keskin Array B, BR58 Keskin Array B, BR59 Keskin Array B, BR60 Keskin Array B, BR61 Keskin Array B, BR62 Keskin Array B, BR63 Keskin Array B, BR64 Keskin Array B, BR65 Keskin Array B, BR66 Keskin Array B, BR67 Keskin Array B, BR68 Keskin Array B, BR69 Keskin Array B, BR70 Keskin Array B, BR71 Keskin Array B, BR72 Keskin Array B, BR73 Keskin Array B, BR74 Keskin Array B, BR75 Keskin Array B, BR76 Keskin Array B, BR77 Keskin Array B, BR78 Keskin Array B, BR79 Keskin Array B, BR80 Keskin Array B, BR81 Keskin Array B, BR82 Keskin Array B, BR83 Keskin Array B, BR84 Keskin Array B, BR85 Keskin Array B, BR86 Keskin Array B, BR87 Keskin Array B, BR88 Keskin Array B, BR89 Keskin Array B, BR90 Keskin Array B, BR91 Keskin Array B, BR92 Keskin Array B, BR93 Keskin Array B, BR94 Keskin Array B, BR95 Keskin Array B, BR96 Keskin Array B, BR97 Keskin Array B, BR98 Keskin Array B, BR99 Keskin Array B, BR100 Keskin Array B

ISC/JB 05 22:11:20.3, 0.3, 9.94N, 0.04, 85.74W, 0.02, h33km, mb4.5/74, Error ellipse: s-maj=5.3km s-min=2.9km az=8.2

UCR 05 22:11:20.5, 2.3, 9.94N, 85.67W, h6km, 8km, MD4.1, mb4.1 (NEIC)

NEIC 22:11:23.7, 0.6, 10.07N, 85.44W, h35km, mb4.5/65, Error ellipse: s-maj=10.4km s-min=7.0km az=15.0

IDC 05 21:24.6, 1.9, 10.18N, 85.46W, h45km, 19km, mb4.1/10, mb1 4.0/10, mb1mx3.9/46, mbmtmp4.3/10, MS3.9/5, Ms1 4.0/5, ms1mx3.4/20, Error ellipse: s-maj=31.5km s-min=19.8km az=62.0

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

ISC 05 22:11:20.8:1.4, 10.020N, 0.05:85.55W, 0.04, h17km, gkm,
h320, e1340/336, mb4.5/74, MS3.9/3, SC-2D, Costa Rica

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
VCR	Vista de Mar	0.13	320	Op	22 11 25.4	+0.4
JTS	JuntasAbangare	0.64	66	iP	22 11 35.7	+0.5
JTS	JuntasAbangare	0.64	66	iP	22 11 46.6	+1.5
JTS	JuntasAbangare	0.64	66	eP	22 11 35.8	+0.5
JTS	JuntasAbangare	0.64	66	iP	22 11 46.9	+1.5
JTS	JuntasAbangare	0.64	66	iP	22 11 47.0	+2.0
JTS	JuntasAbangare	0.64	66	iP	22 11 36.9	+0.4
JTS	JuntasAbangare	0.64	66	iP	22 11 49.5	+2.1
JTS	JuntasAbangare	0.64	66	iP	22 11 37.0	+0.3
JTS	JuntasAbangare	0.64	66	iP	22 11 37.0	+0.7
JTS	JuntasAbangare	0.64	66	iP	22 11 37.9	+0.5
JTS	JuntasAbangare	0.64	66	iP	22 11 38.0	
JTS	JuntasAbangare	0.64	66	iP	22 11 50.5	+1.7
JTS	JuntasAbangare	0.64	66	iP	22 11 36.9	-1.0
JTS	JuntasAbangare	0.64	66	iP	22 11 41.2	+1.7
JTS	JuntasAbangare	0.64	66	iP	22 11 57.1	+4.4
JTS	JuntasAbangare	0.64	66	iP	22 11 41.4	+1.6
JTS	JuntasAbangare	0.64	66	iP	22 11 57.2	+4.1
JTS	JuntasAbangare	0.64	66	iP	22 11 42.1	+0.9
JTS	JuntasAbangare	0.64	66	iP	22 11 58.4	+3.1
JTS	JuntasAbangare	0.64	66	iP	22 11 48.0	0.0
JTS	JuntasAbangare	0.64	66	iP	22 12 06.5	0.0
JTS	JuntasAbangare	0.64	66	iP	22 11 48.9	+0.8
JTS	JuntasAbangare	0.64	66	iP	22 12 08.2	+1.8
JTS	JuntasAbangare	0.64	66	iP	22 11 49.2	0.0
JTS	JuntasAbangare	0.64	66	iP	22 12 04.4	+1.0
JTS	JuntasAbangare	0.64	66	iP	22 11 48.2	+0.7
JTS	JuntasAbangare	0.64	66	iP	22 11 49.1	-0.1
JTS	JuntasAbangare	0.64	66	iP	22 11 53.5	-1.1
JTS	JuntasAbangare	0.64	66	iP	22 11 53.8	-0.9
JTS	JuntasAbangare	0.64	66	iP	22 11 53.4	-1.4
JTS	JuntasAbangare	0.64	66	iP	22 11 51.7	+0.1
JTS	JuntasAbangare	0.64	66	iP	22 11 55.5	+1.0
JTS	JuntasAbangare	0.64	66	iP	22 11 57.3	-0.7
JTS	JuntasAbangare	0.64	66	iP	22 11 57.7	+0.8
JTS	JuntasAbangare	0.64	66	iP	22 12 30.5	+2.7
JTS	JuntasAbangare	0.64	66	iP	22 11 58.1	+0.8
JTS	JuntasAbangare	0.64	66	iP	22 12 01.7	+0.2
JTS	JuntasAbangare	0.64	66	iP	22 11 58.4	-0.1
JTS	JuntasAbangare	0.64	66	iP	22 11 59.6	+0.5
JTS	JuntasAbangare	0.64	66	iP	22 12 31.4	-0.9
JTS	JuntasAbangare	0.64	66	iP	22 12 00.3	+0.7
JTS	JuntasAbangare	0.64	66	iP	22 12 01.9	+1.4
JTS	JuntasAbangare	0.64	66	iP	22 12 02.1	+1.6
JTS	JuntasAbangare	0.64	66	iP	22 12 37.8	-2.8
JTS	JuntasAbangare	0.64	66	iP	22 12 02.1	+0.4
JTS	JuntasAbangare	0.64	66	iP	22 12 36.0	+3.5
JTS	JuntasAbangare	0.64	66	iP	22 12 05.5	+1.8
JTS	JuntasAbangare	0.64	66	iP	22 12 07.1	+0.2
JTS	JuntasAbangare	0.64	66	iP	22 12 06.5	+1.1
JTS	JuntasAbangare	0.64	66	iP	22 12 07.3	+0.8
JTS	JuntasAbangare	0.64	66	iP	22 12 11.0	+1.0
JTS	JuntasAbangare	0.64	66	iP	22 12 11.2	+1.2
JTS	JuntasAbangare	0.64	66	iP	22 12 29.8	+3.6
JTS	JuntasAbangare	0.64	66	iP	22 12 16.6	+1.6
JTS	JuntasAbangare	0.64	66	iP	22 13 50.0	+0.2
JTS	JuntasAbangare	0.64	66	iP	22 13 31.2	+1.8
JTS	JuntasAbangare	0.64	66	iP	22 14 08.4	+7.2
JTS	JuntasAbangare	0.64	66	iP	22 14 50.7	+2.5
JTS	JuntasAbangare	0.64	66	iP	22 21 43.9	
JTS	JuntasAbangare	0.64	66	iP	22 21 51.1	
JTS	JuntasAbangare	0.64	66	iP	22 15 47.9	0.0
JTS	JuntasAbangare	0.64	66	iP	22 15 57.1	0.0
JTS	JuntasAbangare	0.64	66	iP	22 15 50.9	-0.3
JTS	JuntasAbangare	0.64	66	iP	22 15 55.7	+0.1
JTS	JuntasAbangare	0.64	66	iP	22 15 53.2	-0.5
JTS	JuntasAbangare	0.64	66	iP	22 15 59.7	-0.9
JTS	JuntasAbangare	0.64	66	iP	22 16 08.8	+2.5
JTS	JuntasAbangare	0.64	66	iP	22 16 14.9	+2.1
JTS	JuntasAbangare	0.64	66	iP	22 16 13.5	+0.7
JTS	JuntasAbangare	0.64	66	iP	22 16 14.5	+1.7
JTS	JuntasAbangare	0.64	66	iP	22 16 13.9	+0.9
JTS	JuntasAbangare	0.64	66	iP	22 16 13.8	+0.7
JTS	JuntasAbangare	0.64	66	iP	22 16 14.3	+0.9
JTS	JuntasAbangare	0.64	66	iP	22 16 15.1	+1.2
JTS	JuntasAbangare	0.64	66	iP	22 16 15.5	+0.9
JTS	JuntasAbangare	0.64	66	iP	22 16 15.9	+0.5
JTS	JuntasAbangare	0.64	66	iP	22 16 17.2	+1.7
JTS	JuntasAbangare	0.64	66	iP	22 16 16.8	+0.8
JTS	JuntasAbangare	0.64	66	iP	22 16 17.8	+0.6
JTS	JuntasAbangare	0.64	66	iP	22 16 18.6	+0.1
JTS	JuntasAbangare	0.64	66	iP	22 16 18.8	+0.4
JTS	JuntasAbangare	0.64	66	iP	22 16 19.2	+0.7
JTS	JuntasAbangare	0.64	66	iP	22 16 19.0	+0.2
JTS	JuntasAbangare	0.64	66	iP	22 16 20.0	+0.5
JTS	JuntasAbangare	0.64	66	iP	22 16 20.2	+0.6
JTS	JuntasAbangare	0.64	66	iP	22 16 21.6	+1.4
JTS	JuntasAbangare	0.64	66	iP	22 16 20.8	+0.6
JTS	JuntasAbangare	0.64	66	iP	22 16 21.8	+1.4
JTS	JuntasAbangare	0.64	66	iP	22 16 21.6	+0.9
JTS	JuntasAbangare	0.64	66	iP	22 16 22.7	+1.1
JTS	JuntasAbangare	0.64	66	iP	22 16 22.5	+0.9
JTS	JuntasAbangare	0.64	66	iP	22 16 21.2	-1.0
JTS	JuntasAbangare	0.64	66	iP	22 16 22.5	+0.3
JTS	JuntasAbangare	0.64	66	iP	22 16 24.7	+0.4
JTS	JuntasAbangare	0.64	66	iP	22 16 24.6	+0.4
JTS	JuntasAbangare	0.64	66	iP	22 16 25.8	+0.1
JTS	JuntasAbangare	0.64	66	iP	22 16 25.4	-0.4
JTS	JuntasAbangare	0.64	66	iP	22 16 26.6	+0.4
JTS	JuntasAbangare	0.64	66	iP	22 16 26.0	-0.3
JTS	JuntasAbangare	0.64	66	iP	22 16 27.8	+1.0
JTS	JuntasAbangare	0.64	66	iP	22 16 27.6	+0.8
JTS	JuntasAbangare	0.64	66	iP	22 16 27.1	0.0
JTS	JuntasAbangare	0.64	66	iP	22 16 27.0	-0.3
JTS	JuntasAbangare	0.64	66	iP	22 16 28.7	+1.0
JTS	JuntasAbangare	0.64	66	iP	22 16 27.4	-0.7
JTS	JuntasAbangare	0.64	66	iP	22 16 28.6	0.0
JTS	JuntasAbangare	0.64	66	iP	22 16 28.5	0.0

435B	Jarrell	23.50	333	eP	P	22 16 30.0	0.0
435B	Jarrell	23.50	333	P	P	22 16 31.0	+1.0
NHSC	New Hope	23.50	11	P	P	22 16 30.9	+1.0
Z45A	Winona	23.55	351	eP	P	22 16 29.7	-0.8
Z45A	Winona	23.55	351	P	P	22 16 30.9	+0.5
Y49A	Blount Mountain	23.73	358	eP	P	22 16 32.1	-0.2
Y49A	Blount Mountain	23.73	358	P	P	22 16 31.9	-0.4
Y50A	Piedmont	23.75	360	P	P	22 16 31.8	-0.6
Y52A	Liburn	23.77	3	eP	P	22 16 32.6	+0.1
Y52A	Liburn	23.77	3	P	P	22 16 32.3	-0.3
Y51A	Rockmart	23.77	1	P	P	22 16 32.1	-0.5
Y53A	Monroe	23.79	4	P	P	22 16 32.6	-0.2
Y48A	Jasper	23.82	357	P	P	22 16 32.9	-0.2
Y47A	UCPARC, Winifred	23.86	355	P	P	22 16 33.4	-0.1
Y54A	Tignall	23.87	6	P	P	22 16 33.7	+0.1
Y46A	Houston	23.94	353	P	P	22 16 33.8	-0.4
Y45A	Yeager Farm, C	24.01	352	P	P	22 16 35.2	+0.3
JCT	Junction City	24.30	329	eP	P	22 16 36.4	-1.3
JCT	Junction City	24.30	329	P	P	22 16 36.4	-1.3
X50B	Fort Payne	24.32	360	P	P	22 16 37.8	0.0
X48A	Hartselle	24.35	357	eP	P	22 16 38.4	+0.3
X48A	Hartselle	24.35	357	P	P	22 16 37.8	-0.2
X49A	Woodville	24.39	358	P	P	22 16 37.7	-0.6
X51A	Calhoun	24.44	1	eP	P	22 16 38.9	+0.1
X51A	Calhoun	24.44	1	P	P	22 16 38.9	+0.1
X53A	Estanolee	24.45	4	P	P	22 16 39.3	+0.4
J37C	Jenkinsville	24.46	9	eP	P	22 16 39.3	+0.3
X47A	Russellville	24.47	355	P	P	22 16 38.3	-0.8
WHTX	Lake Whitney,	24.48	335	eP	P	22 16 39.7	+0.4
WHTX	Lake Whitney,	24.48	335	P	P	22 16 39.5	+0.2
X52A	Dahlonega	24.51	3	P	P	22 16 38.8	-0.8
X46A	Booneville	24.58	354	P	P	22 16 39.2	-0.8
PLAL	Pickwick Lake	24.95	355	eP	P	22 16 43.6	+0.1
BG3	Lake Jocassee	24.97	5	eP	P	22 16 44.2	+0.6
W49A	Belvidere	24.99	359	P	P	22 16 43.0	-0.7
W52A	Murphy	25.00	3	eP	P	22 16 44.4	+0.4
W52A	Murphy	25.00	3	P	P	22 16 43.4	-0.5
W48A	Pulaski	25.03	357	P	P	22 16 43.0	-1.2
W51A	Cleveland	25.03	2	P	P	22 16 43.7	-0.5
W50A	Signal Mountai	25.06	0	eP	P	22 16 44.2	-0.2
W50A	Signal Mountai	25.06	0	P	P	22 16 43.4	-1.1
SWET	Seawnee	25.08	359	eP	P	22 16 43.3	-0.4
W53A	Cullowhee	25.12	5	P	P	22 16 44.8	-0.3
X40A	Basin Creek Fa	25.25	346	P	P	22 16 45.5	-0.6
KMSC	Kings Mountain	25.30	8	eP	P	22 16 47.0	+0.4
KMSC	Kings Mountain	25.30	8	P	P	22 16 46.5	0.0
CPCT	Cooper Cave	25.33	2	eP	P	22 16 47.2	+0.4
UALR	University of	25.41	347	eP	P	22 16 47.5	-0.1
MIAR	Mount Ida	25.49	344	eP	P	22 16 47.9	-0.5
MIAR	Mount Ida	25.49	344	P	P	22 16	

Table with columns: Call Sign, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like G39A Holcombe, BANC Bancroft, PDMO Parker Dam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAR Alice Springs, TXAR Lajitas Array, ILAR Eielson Array, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like 833A Chaparral WMA, 341A Kurthwood, 244A Avery Jackson, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MAN 05 22:13:52.7, IDC 05 22:21:53.0, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MAN 05 22:42:47.4, UCR 05 22:46:27.9, NEIC 05 22:46:34.7, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like 833A Chaparral WMA, 341A Kurthwood, 244A Avery Jackson, etc.

5d 22h

KMSC	Kings Mountain	25.52	8	P	P	22 51 57.6	-1.2
CPCT	Cooper Cave	25.54	2	eP	P	22 51 58.4	-0.6
MIAR	Mount Ida	25.66	345	P	P	22 51 57.7	-2.4
MIAR	Mount Ida	25.66	345	P	P	22 51 58.6	-1.5
TXAR	Lajitas Array	25.72	322	P	P	22 52 00.4	-0.4
TXAR	Lajitas Ar. Si	25.75	1	P	PcP	22 52 02.0	+1.2
TX31	Pikeville	25.75	1	P	P	22 51 58.8	-2.0
V50A	Pikeville	25.75	1	P	P	22 51 58.8	-2.0
X39A	Fountain Ranch	25.77	344	P	P	22 51 59.8	-1.3
TKL	Tuckaleechee C	25.79	4	P	P	22 52 00.2	-1.1
V48A	Smith Brothers	25.83	358	eP	P	22 51 59.9	-1.8
V48A	Smith Brothers	25.83	358	P	P	22 51 59.9	-1.8
V49A	McMinnville	25.84	360	P	P	22 51 59.9	-1.8
V53A	Saluda	25.87	5	eP	P	22 52 01.0	-1.0
V53A	Saluda	25.87	5	P	P	22 52 01.0	-1.0
V51A	Loudon	25.90	2	eP	P	22 52 01.6	-0.7
V51A	Loudon	25.90	2	P	P	22 52 01.3	-1.0
V47A	Nunnely	25.95	357	P	P	22 52 01.0	-1.8
V46A	Holladay	25.97	355	P	P	22 52 00.7	-2.2
V52A	Sevierville	25.98	4	eP	P	22 52 01.6	-1.4
V52A	Sevierville	25.98	4	P	P	22 52 01.5	-1.4
WHAR	Woolly Hollow	26.07	348	eP	P	22 52 02.1	-1.8
ABTX	Abilene, Hawle	26.12	332	eP	P	22 52 04.6	+0.2
ABTX	Abilene, Hawle	26.12	332	P	P	22 52 04.2	-0.2
W40A	Ferguson Farm,	26.15	346	P	P	22 52 03.4	-1.2
WVT	Waverly	26.27	356	eP	P	22 52 03.0	-2.7
W39A	Magazine	26.33	345	eP	P	22 52 04.6	-1.6
W39A	Magazine	26.33	345	P	P	22 52 05.3	-0.8
V42A	Cord	26.40	349	P	P	22 52 05.6	-1.1
V41A	Mountainview	26.52	348	P	P	22 52 06.4	-1.5
U52A	Thorn Hill	26.54	4	P	P	22 52 07.0	-1.2
U47A	Clarksville	26.55	357	P	P	22 52 06.4	-1.8
U49A	Red Boiling Sp	26.58	360	P	P	22 52 06.7	-1.8
U53A	Fall Branch	26.58	6	P	P	22 52 07.3	-1.2
U48A	Cassie Pea, Po	26.59	358	P	P	22 52 07.3	-1.2
TZTN	Tazewell	26.68	4	eP	P	22 52 08.2	-1.2
TZTN	Tazewell	26.68	4	P	P	22 52 07.8	-1.6
U37A	Rector	26.79	351	P	P	22 52 09.5	-0.7
U41A	Viola	27.02	349	P	P	22 52 11.2	-1.1
T47A	Sharon Grove	27.09	357	eP	P	22 52 11.2	-1.8
T47A	Sharon Grove	27.09	357	P	P	22 52 11.5	-1.5
T50A	Nancy	27.10	1	P	P	22 52 11.3	-1.8
T49A	Edmonton	27.17	0	eP	P	22 52 12.5	-1.3
T49A	Edmonton	27.17	0	P	P	22 52 11.9	-1.8
T46A	Princeton	27.18	356	P	P	22 52 12.2	-1.7
T48A	Bowling Green	27.18	359	P	P	22 52 13.2	-1.7
U39A	Green Forest	27.39	346	P	P	22 52 13.7	-2.0
T43A	Greenville	27.47	352	P	P	22 52 14.3	-2.1
T42A	Van Buren	27.54	351	eP	P	22 52 14.5	-2.5
T42A	Van Buren	27.54	351	P	P	22 52 15.7	-1.3
WMOK	Wichita Mounta	27.56	336	eP	P	22 52 15.8	-1.5
WMOK	Wichita Mounta	27.56	336	ePcP	PcP	22 55 37.0	+2.0
WMOK	Wichita Mounta	27.56	336	P	P	22 52 16.6	-0.7
PTGA	Pitinga	27.64	111	P	LR	23 04 01.7	
PTGA	comp=Z,906nm,19.9s,baz=292,slow=10,SNR=4.9						
BLA	Blacksburg	27.69	9	eP	P	22 52 18.0	-0.4
S48A	Wiedeman Farm,	27.73	359	P	P	22 52 16.6	-2.1
S51A	Beattyville	27.77	4	eP	P	22 52 17.9	-1.2
S51A	Beattyville	27.77	4	P	P	22 52 17.4	-1.7
S52A	Salyersville	27.84	4	P	P	22 52 17.8	-1.9
S44A	Carbondale	27.85	354	P	P	22 52 18.3	-2.4
S41A	Jillico Farms,	28.19	350	P	P	22 52 21.0	-1.9
WCI	Wyandotte Cave	28.30	359	eP	P	22 52 21.5	-2.3
WCI	Wyandotte Cave	28.30	359	ePcP	PcP	22 55 37.1	+0.4
WCI	Wyandotte Cave	28.30	359	P	P	22 52 21.8	-2.0
R46A	Gibson Southern	28.33	357	P	P	22 52 21.8	-2.2
R49A	Shelbyville	28.36	1	P	P	22 52 22.4	-2.0
R47A	Woolly Knot Far	28.37	359	P	P	22 52 22.5	-2.0
R50A	Paris	28.37	2	P	P	22 52 23.3	-2.1
R51A	Hillsboro	28.43	3	P	P	22 52 23.2	-1.7
R45A	Skylar, Fairri	28.45	356	P	P	22 52 23.5	-1.7
R44A	Waltonville	28.48	354	P	P	22 52 23.7	-1.7
CCM	Cathedral Cave	28.57	351	eP	P	22 52 25.8	-0.4
CCM	Cathedral Cave	28.57	351	P	P	22 52 24.4	-1.8
R43A	Red Bud	28.60	353	P	P	22 52 24.4	-2.0
S39A	Bolivar	28.60	347	eP	P	22 52 24.4	-2.1
S39A	Bolivar	28.60	347	ePcP	PcP	22 55 37.8	+0.3
S39A	Bolivar	28.60	347	P	P	22 52 24.7	-1.9
MSTX	Muleshoe	28.72	329	P	P	22 52 26.8	-1.0
R41A	Rosebud	28.82	351	P	P	22 52 26.9	-1.6
R58B	Mineral	28.89	13	P	P	22 52 27.0	-2.0
Q48A	North Vernon	28.99	360	P	P	22 52 28.1	-1.9
Q47A	Bedord North L	29.01	359	P	P	22 52 28.1	-2.0
Q45A	Warren Harvey,	29.05	356	P	P	22 52 28.9	-1.5
Q49A	Aurora	29.08	1	P	P	22 52 29.0	-1.7
SAML	Samuel	29.12	129	eP	P	22 52 31.4	0.0

2012 SEP

Q51A	Peebles	29.16	4	P	P	22 52 29.3	-2.2
Q52A	Bidwell	29.18	5	P	P	22 52 29.3	-2.4
Q41A	Truxton	29.44	351	P	P	22 52 31.5	-2.5
P48A	Milroy	29.52	0	P	P	22 52 31.6	-3.1
P47A	Martinsville	29.55	359	P	P	22 52 32.6	-2.3
P49A	Miami Univ. Ec	29.61	1	P	P	22 52 33.0	-2.5
P51A	Wilkesport	29.64	4	P	P	22 52 33.3	-2.4
P45A	Graceland, Par	29.65	357	P	P	22 52 33.7	-2.1
P46A	Rosedale	29.71	358	P	P	22 52 34.4	-1.9
P50A	Jamestown	29.72	3	P	P	22 52 34.2	-2.2
P53A	Whipple	29.80	7	P	P	22 52 35.4	-1.7
P52A	Corning	29.86	5	P	P	22 52 34.8	-2.9
MCWV	Mont Chateau	30.17	9	P	P	22 52 38.3	-2.1
O50A	Cable	30.26	3	P	P	22 52 39.2	-2.1
O49A	Covington	30.27	2	P	P	22 52 39.0	-2.3
O47A	Sheridan	30.30	359	P	P	22 52 39.1	-2.5
O48A	Farmland	30.32	1	P	P	22 52 39.1	-2.7
O51A	Pataskala	30.33	5	P	P	22 52 39.2	-2.7
O45A	Potomac	30.37	357	P	P	22 52 40.4	-1.7
O52A	Adamsville	30.37	6	P	P	22 52 40.3	-1.9
ACSO	Alum Creek Sta	30.39	4	eP	P	22 52 40.5	-1.9
ACSO	Alum Creek Sta	30.39	4	P	P	22 52 40.0	-2.3
SFIN	Lafayette	30.47	358	eP	P	22 52 40.5	-2.5
SFIN	Lafayette	30.47	358	P	P	22 52 40.4	-2.7
P38A	Dawn	30.51	348	eP	P	22 52 40.6	-2.7
P38A	Dawn	30.51	348	P	P	22 52 40.7	-2.7
O41A	Passleys Farm,	30.53	352	P	P	22 52 41.1	-2.5
N50A	Nevada	30.91	4	P	P	22 52 44.5	-2.4
N48A	Decatur	30.93	1	P	P	22 52 44.5	-2.5
N45A	Kentland	30.95	357	P	P	22 52 45.1	-2.2
N46A	Monticello	30.97	358	P	P	22 52 45.2	-2.3
O56A	Blue Knob Stat	30.98	11	eP	P	22 52 47.1	-0.5
O56A	Blue Knob Stat	30.98	11	P	P	22 52 45.1	-2.5
MVL	Millersville	31.18	14	eP	P	22 52 48.1	-1.2
LPZA	La Paz	31.20	146	LR	LR	23 06 12.5	
PAGS	Pennsylvania G	31.32	13	eP	P	22 52 50.0	-0.5
ANMO	Albuquerque	31.41	326	P	P	22 52 51.2	-0.5
ANMO	Albuquerque	31.41	326	eP	P	22 52 51.2	-0.5
ANMO	Albuquerque	31.41	326	P	P	22 52 50.8	-0.9
N54A	Moraine State	31.43	8	P	P	22 52 48.8	-2.7
SSPA	Standing Stone	31.46	11	eP	P	22 52 50.8	-1.0
L48A	N Adams	32.02	2	P	P	22 52 54.2	-2.5
N59A	Star Game Lan	32.19	14	eP	P	22 52 57.5	-0.8
L42A	Oliver, Polo	32.26	354	P	P	22 52 56.1	-2.7
L41A	Presto	32.42	353	P	P	22 52 58.5	-1.7
ERPA	Erie	32.56	8	P	P	22 52 59.2	-2.2
SDCO	Great Sand Dun	33.06	330	eP	P	22 53 05.3	-0.9
SDCO	Great Sand Dun	33.06	330	P	P	22 53 04.9	-1.3
X18A	Snowflake	33.15	322	eP	P	22 53 08.6	+1.6
BINY	Binghamton	33.36	13	eP	P	22 53 07.1	-1.4
BINY	Binghamton	33.36	13	P	P	22 53 06.7	-1.7
MMNY	Morris Dam	33.49	10	eP	P	22 53 08.1	-1.4
K37A	Belmond	33.56	349	P	P	22 53 07.6	-2.6
X16A	Lo Mia Camp, P	34.01	320	eP	P	22 53 16.0	+1.6
I42A	Draeger Farm,	34.07	356	P	P	22 53 11.6	-3.0
J36A	Seneca 1, Swea	34.24	349	eP	P	22 53 13.2	-2.8
J36A	Seneca 1, Swea	34.24	349	P	P	22 53 13.6	-2.5
BWLO	Walkerton	34.40	6	P	P	22 53 15.6	-1.8
DRWO	Darlington Wes	34.46	9	P	P	22 53 16.0	-1.9
DRCO	St. Marys Ceme	34.47	9	P	P	22 53 16.4	-1.6
WLVO	Waynesville	34.56	9	P	P	22 53 17.0	-1.8
H43A	Windswept, Lux	34.58	357	P	P	22 53 16.2	-2.7
WUJAZ	Wupatki	34.68	322	eP	P	22 53 22.2	+2.0
Y14A	Wickenburg	34.72	318	eP	P	22 53 21.9	+1.4
CLWO	Collingwood	34.82	7	P	P	22 53 19.2	-1.9
PV03	Paradox Valley	35.15	327	eP	P	22 53 24.2	-0.1
PV12	Saucer Basin,	35.17	328	eP	P	22 53 24.6	+0.1
PV18	Skewis Mesa, Pa	35.18	327	eP	P	22 53 24.3	-0.2
SADO	Sadova	35.28	8	P	P	22 53 22.4	-2.7
SADO	Sadova	35.28	8	P	P	22 53 22.9	-2.2
GLA	Glamis	35.44	315	P	P	22 53 26.0	-0.7
PDMCI	Parker Dam,Lak	35.47	317	P	P	22 53 28.2	-0.5
U15A	North Rim	35.84	322	eP	P	22 53 32.4	+2.1
PLVO	Plevna	35.87	10	eP	P	22 53 28.1	-2.0
PLVO	Plevna	35.87	10	P	P	22 53 27.1	-3.0
BUKO	Buck Lake	35.91	8	P	P	22 53 27.6	-2.8
LONY	Lake Ozonia	35.98	14	eP	P	22 53 28.7	-2.4
LONY	Lake Ozonia	35.98	14	P	P	22 53 27.9	-3.1
W13A	Hualapai Mount	36.00	319	eP	P	22 53 33.6	+1.9
F40A	Park Falls	36.18	355	P	P	22 53 31.5	-1.3
F38A	Pierce - Schro	36.41	353	P	P	22 53 31.1	-3.6
PEMO	Pembroke	36.46	10	P	P	22 53 32.7	-2.4
PKCU	Pink Cliffs	36.52	323	eP	P	22 53 37.6	+1.3
KNB	Kanab	36.55	322	eP	P	22 53 38.0	+1.7
ORIO	Orleans, Innes	36.57	12	P	P	22 53 33.8	-2.2

360

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Madison River, Holmes Hill, Horse Butte, etc.

MEX 05 22:57:11.6-0.5, 16.24N-98.25W, h5km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Pinotepa, Tlapa, Vista Hermosa, etc.

SOME 05 23:07:43.1, 49.83N-88.03E, h0km

ISC 05 23:07:48.5 ± 1.6, 49.87N-88.03E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=11.6km s-min=9.8km az=103.0

ISC 05 23:07:47.0 ± 3.7, 49.78N-0.08-88.2E, 0.2, h11km, n5, s=302/10, 9C-3D, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Zaisan, ZSN, MK31, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KURK, KURB, KURBB, etc.

IDC 05 23:11:07.4 ± 1.2, 14.54S-166.67E, h0km, mb3.9/5, mb1.4/1.6, mb1mx3.8/31, mbtmp3.9/6, ML3.3/1, MS3.9/1, Ms1.3.9/1, ms1mx2.9/31, Error ellipse: s-maj=37.6km s-min=27.7km az=103.0

ISCJB 05 23:11:10.1 ± 1.2, 14.75S-0.08-166.7E, 0.2, h28km, mb3.9/5, MS4.0/1, Error ellipse: s-maj=31.1km s-min=11.7km az=174.2

ISC 05 23:11:1.8 ± 1.3, 14.75S-0.1-166.7E, 0.3, h28km, n7, s=072/7, mb4.0/5, Vanuatu Islands

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

DJA 05 23:24:29.9 ± 0.5, 9°S-4°12'E, h10km, M3.8/7, mb4.2/1, ML3.7/3, Timor or RSPR

RSPR 05 23:27:53.7, 18.99N-68.41W, h47km, 24km, MD3.5/13, 26C-6D, Mona Passage

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

NEIC 05 23:27:53.7 ± 0.0, 18.99N-68.41W, h47km, MD3.5(RSPR), After RSPR

RSPR 05 23:27:53.7, 18.99N-68.41W, h47km, 24km, MD3.5/13, 26C-6D, Mona Passage

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DR12, DR12, IMPR, etc.

ATH 05 23:33:03.9, 37.85N-26.71E, h10km, 31km, ML2.1/4, Error ellipse: s-maj=31.6km s-min=1.0km az=0.0

DDA 05 23:33:03.5, 37.89N-26.73E, h7km, ML2.5

ISC 05 23:33:03.7 ± 0.9, 37.87N-26.72E, h5km, ML2.4/12

ISC 05 23:33:03.7 ± 0.9, 37.88N-0.02-26.73E, 0.02, h11km, 7km, n30, s=064/48, Dodecanese Islands

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

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

IDC 05 23:52:52.3 ± 4.1, 10.47N-126.32E, h0km, mb3.6/3, mb1.3/7.3, mb1mx3.4/31, mbtmp3.6/3, Error ellipse: s-maj=337.2km s-min=26.3km az=65.0

ISCJB 05 23:52:54.2 ± 1.1, 10.83N-0.05-126.71E, 0.08, h44km, mb3.6/3, Error ellipse: s-maj=11.7km s-min=7.0km az=159.3

MAN 05 23:52:54.5 ± 1.0, 85N-126.56E, h17km, mb4.1, ML2.9, MS2.6

ISC 05 23:52:56.8 ± 1.4, 10.82N-0.06-126.6E, 0.1, h44km, n8, s=1577/12, mb3.5/3, 1C-1Z, Philippine Islands region

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

UCR 05 00:15:02.7 ± 1.1, 11.32N-88.94W, h25km, 24km, MD3.8, ML3.2, Off coast of central America

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

IDC 06 00:16:46.3 ± 3.4, 10.70N-126.40E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.4/35, mbtmp3.4/3, Error ellipse: s-maj=253.1km s-min=28.0km az=65.0

ISCJB 06 00:16:44.3 ± 1.3, 10.8N-0.2-126.7E, 0.1, h37km, mb3.5/3, Error ellipse: s-maj=29.9km s-min=9.7km az=35.8

ISC 06 00:16:50.5 ± 1.5, 10.9N-0.2-126.6E, 0.2, h37km, n5, s=1945/7, mb3.5/3, 1C, Philippine Islands region

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

IDC 06 00:17:26.9 ± 1.4, 15.40N-108.11E, h0km, mb3.6/3, mb1.3/8.4, mb1mx3.4/38, mbtmp3.6/4, ML4.5/1, Error ellipse: s-maj=53.4km s-min=21.0km az=44.0

ISCJB 06 00:17:27.2 ± 1.4, 14.9N-0.2-107.9E, 0.2, h0km, mb3.5/3, Error ellipse: s-maj=35.9km s-min=10.8km az=33.5

ISC 06 00:17:29.4 ± 1.6, 14.8N-0.2-107.9E, 0.2, h0km, n13, s=1951/11, mb3.5/3, Vietnam

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

SAR 06 00:38:37.0 ± 0.8, 41.66N-20.15E, h5km, 3km, ML2.4/7, SKO 06 00:38:37.9 ± 1.1, 41.81N-20.13E, h33km

PDG 06 00:38:37.8 ± 0.2, 41.80N-20.15E, h8km, ML2.4/10, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0

TIR 06 00:38:37.1, 41.79N-20.12E, h1km, MD3.0/3

BEO 06 00:38:39.1 ± 0.6, 41.87N-20.16E, h3km, 4km, ML2.1/10

ISC 06 00:38:38.1 ± 0.1, 41.81N-0.02-20.15E, 0.02, h7km, 9km, n30, s=064/48, Dodecanese Islands

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC. Includes stations like Peshkopia, Bajram Curri, Ulcinj, Plav, Dracevica, Mon, Podgorica, etc.

MEX 06 00:38:41.1±0.4, 16°27'N:98°28'W, h14km±2km, MD3.7, Near coast of Guerrero. Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC.

IDC 06 00:40:38.9±1.1, 11°51'N:126°59'E, h0km, mb3.8/7, mb1.3/9.7, mb1mx3.7/38, mbtmp3.8/7, MS3.1/1, MS1.3/1.4, ms1mx2.7/32, Error ellipse: s-maj=46.4km s-min=17.9km az=71.0. Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC.

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC. Includes stations like KSRS Koraq Array, WRA Chiang Mai Arr, CMAR Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, PETK Petropavlovsk, MKAR Makanchi Array, ZALV Zalesovo Beam.

UCR 06 00:58:00.5±1.4, 12°36'N:89°16'W, h31km±6km, ML4.1, 2D, Off coast of central America. Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC.

UCR 06 01:07:37.5±1.3, 9°33'N:85°80'W, h17km±6km, MD3.9, ML2.7, 3C-1D, Off coast of Costa Rica. Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC.

IDC 06 01:09:50.8±1.8, 10°19'N:84°47'W, h0km, mb3.8/5, mb1.4/2.6, mb1mx3.8/22, mbtmp3.8/6, ML3.1/1, MS3.2/5, MS1.3/2.5, ms1mx2.9/32, Error ellipse: s-maj=43.6km s-min=9.5km az=114.0. Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC.

UCR 06 01:09:52.2±1.1, 9°49'N:85°67'W, h18km±3km, MD4.1, ML2.4, mb4.3(NEIC). Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC.

NEIC 06 01:09:54.3±1.0, 10°10'N:85°49'W, h35km, mb4.3/8, Error ellipse: s-maj=18.9km s-min=10.6km az=130.0. Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC.

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC. Includes stations like BUS Buena Vista, APYN Apoyeque, COPN Copalpete, BOAB BOACO BROADBAN, BOAB BOACO BROADBAN, BOAB BOACO BROADBAN.

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC. Includes stations like ESPN Las Esperanzas, ESPN Las Esperanzas, CMGN Cerro Negro, CMAT Matagalpa, ESTN Estel, TGUH Tegucigalpa, UN, BCIP Isla Barro Colorado, APZZ Apazirito, SDV Santo Domingo, LNIG Linares, 152A Waverly Hall, LRAL Lakeview Rete, Z50A Ashland, 143A Soes Landing, GOGA Godfrey, Y52A Lilburn, JCT Junction City, JSC Jenkinville, BG3 Lake Jocassee, MIAR Mount Ida, TKL Tuckaleechee C, LTX Lajitas, TXAV Lajitas Array, TX31 Lajitas Ar, PTGA Pining, LPAZ Lajitas, X16A La Mila Camp, PLVO Plevna, LONY Lake Ozonia, LCMT Little Creek M, DUG Dugway, Tooele, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, NV01 Mina Array Sit, NV01 Eielson Array, NVAR Mina Array Bea, DGMT Dagmar, YKA Yellowknife Ar, YKB5 Yellowknife Ar, ILAR Eielson Array, ILB Eielson Array, MDM Murphy Dome, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr.

ISCJB 06 01:20:27.8±0.8, 7°87'S:0°10'11.18'E:0°08', h200km, mb3.7/4, Error ellipse: s-maj=14.8km s-min=9.7km az=28.2.

IDC 06 01:20:30.6±7.9, 7°83'S:11°31'E, h215km±82km, mb3.4/4, mb1.3/6.6, mb1mx3.2/34, mbtmp4.0/6, Error ellipse: s-maj=124.5km s-min=26.3km az=54.0.

DJA 06 01:20:31.5±0.7, 8°S:12°11'8"E, h193km±7km, M3.4/6, mb3.4/4.

ISC 06 01:20:29.2±1.1, 7°9'S:0°11'18'E:0°10', h200km, n10, <187/13, mb3.8/4, Fideso.

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC. Includes stations like Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC.

IDC 06 01:39:07.9±2.0, 2°74'N:125°21'E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.4/29, mbtmp3.4/3, Error ellipse: s-maj=186.7km s-min=25.6km az=64.0, Talaud Islands.

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 06 01:48:51.3±0.7, 15°76'S:179°16'E, h0km, mb4.3/13, mb1.4/6/13, mb1mx4.4/36, mbtmp4.3/13, MS3.9/12, MS1.3/9.12, ms1mx3.6/41, Error ellipse: s-maj=24.5km az=130.0.

NEIC 06 01:48:53.1±0.2, 15°71'S:179°10'E, h10km, mb4.9/95, Error ellipse: s-maj=10.1km s-min=5.4km az=140.0.

NEIC Felt at Lambasa and Savusavu. ISCJB 06 01:48:55.3±0.2, 15°71'S:0°07'179.03'E:0°06', h33km, mb4.7/12, MS4.0/11, Error ellipse: s-maj=11.0km s-min=6.4km az=143.1.

BUI 06 01:48:57.3±0.5, 15°71'S:0°10'179.0E:0°11', h35km, n153, MS5.2/2, MS7.5/0/3.

ISC 06 01:48:57.3±0.5, 15°71'S:0°10'179.0E:0°11', h35km, n153, <187/145, mb4.8/12, MS3.9/11, Fiji Islands.

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, h m s ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, DZM Mont Dzumac, HNR Honiara, RAR Rarotonga, URZ Urewera.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like ICHK, BIDO, YZKH, SMDO, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like IMOG, IPAY, IAKL, JKRK, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like ATD, KBZ, EREN, KARA, etc.

6d 1h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Heimgangroev, Monsted U'grnd, and various array stations.

2012 SEP

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Ambohimpnom, Srakaw, NRIK, and various array stations.

368

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like WHN, PVAQ, PBEJ, and various array stations.

6d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MBWA Marble Bar, MBWA Marble Bar, KHON Khomkaen, etc.

2012 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like XAN comp=Z,26nm,0.9s, XAN comp=Z,400nm,27.3s, etc.

370

Table with columns for station name, frequency, power, and other technical details. Includes stations like PKIN Phulchoki, KKN Kakanj, DMN Daman, etc.

371 **2012 SEP** **6d 2h**

ZALV	Zalesovo Beam	60.04 333	eP	P	02 32 18.0	-1.3
ZAA1	Zalesovo Array	60.04 333	eP	P	02 32 18.7	-0.6
ZAA1	Almayusha	60.30 317	P	P	02 32 22.1	+0.2
EKS2	Erkin-Say	60.45 317	P	P	02 32 22.6	0.0
KURK	Kurchatov	61.24 327	eP	P	02 32 26.9	-0.6
KURK	Kurchatov	61.24 327	eP	P	02 32 27.6	+0.1
KURK	Kurchatov	61.24 327	P	P	02 32 26.9	-0.6
KURK	Kurchatov	61.24 327	P	P	02 32 27.7	-0.4
KBL	Kabul	61.24 307	eP	P	02 32 27.7	-0.4
KBL	Kabul	61.24 307	eP	P	02 32 27.7	-0.4
MNAS	Manas	61.25 317	P	P	02 32 27.3	-0.7
MNAS	Manas	61.25 317	P	P	02 32 27.3	-0.7
SEV	Seymchan	61.19 13	P	P	02 32 28.4	+0.8
NVS	Novosibirsk	61.32 333	iP	P	02 32 28.2	+0.2
NVS	Novosibirsk	61.32 333	iP	P	02 32 28.2	+0.2
NVS	Novosibirsk	61.32 333	iP	P	02 32 28.2	+0.2
NVS	Novosibirsk	61.32 333	iP	P	02 32 28.2	+0.2
LIT	Lake Taylor	62.38 144	eP	P	02 32 35.9	+0.6
KK31	Karatay Array	62.84 317	eP	P	02 32 37.7	-0.8
KK31	Karatay Array	62.84 317	iP	P	02 32 38.2	-0.3
KK31	Karatay Array	62.84 317	eP	P	02 32 37.7	-0.8
KK31	Karatay Array	62.84 317	iP	P	02 32 38.2	-0.3
KKAR	Karatay Array	62.84 317	eP	P	02 32 37.7	-0.8
KKAR	Karatay Array	62.84 317	eP	P	02 32 37.7	-0.8
KKAR	Black Sump Fm	62.99 138	eP	P	02 32 39.3	-0.3
OTUK	Ortayu	63.67 323	P	P	02 32 43.0	-0.9
OTUK	Ortayu	63.67 323	P	P	02 32 43.0	-0.9
BVA0	Borovoye Array	66.82 327	P	P	02 33 02.7	-1.5
BVA0	Borovoye Array	66.82 327	P	P	02 33 02.7	-1.5
BRVK	Borovoye	66.90 327	eP	P	02 33 04.6	-0.1
BRVK	Borovoye	66.90 327	P	P	02 33 04.9	+0.3
BRVK	Borovoye	66.90 327	iP	P	02 33 04.5	-0.1
BRVK	Borovoye	66.90 327	iP	P	02 33 04.5	-0.1
TIXI	Tiksi	67.12 1	eP	P	02 33 04.2	-1.4
TIXI	Tiksi	67.12 1	dIP	P	02 33 05.3	-0.3
TIXI	Tiksi	67.12 1	dIP	P	02 33 05.3	-0.3
NRIK	Norik'sk	69.78 346	P	P	02 33 22.2	-0.1
NRIK	Norik'sk	69.78 346	P	P	02 33 22.2	-0.1
NRIK	Norik'sk	69.78 346	P	P	02 33 22.2	-0.1
NRIK	Norik'sk	69.78 346	P	P	02 33 22.2	-0.1
GEYT	Alibek	70.60 309	P	P	02 33 27.1	-0.9
GEYT	Alibek	70.60 309	P	P	02 33 27.1	-0.9
GEYT	Alibek	70.60 309	P	P	02 33 27.1	-0.9
GEYT	Alibek	70.60 309	P	P	02 33 27.1	-0.9
GYA0B	ALIBECK ARRAY	70.60 309	eP	P	02 33 28.4	+0.3
GYA0B	ALIBECK ARRAY	70.60 309	eP	P	02 33 28.4	+0.3
GYA0B	ALIBECK ARRAY	70.60 309	eP	P	02 33 28.4	+0.3
GYA0B	ALIBECK ARRAY	70.60 309	eP	P	02 33 28.4	+0.3
BANOM	Banah	70.65 296	P	P	02 33 27.8	-0.8
UOSS	Minazir	70.66 295	P	P	02 33 26.3	-2.3
ASHO	Ashiyah	70.77 294	P	P	02 33 28.1	+1.3
SHME	Shamm	70.80 296	P	P	02 33 28.2	-1.5
ALNE	Al Ain	71.01 294	P	P	02 33 29.2	-1.5
NAZ	Nazwa, Dubai	71.15 295	P	P	02 33 30.3	-1.3
ASUD	Al Ashush, Dub	71.43 294	P	P	02 33 32.1	-1.1
CASY	Casey	71.56 187	eP	P	02 33 33.3	+0.7
AB31	Akbulak	71.72 321	P	P	02 33 33.3	-1.2
AB31	Akbulak	71.72 321	P	P	02 33 33.3	-1.2
AB31	Akbulak	71.72 321	P	P	02 33 33.3	-1.2
AB31	Akbulak	71.72 321	P	P	02 33 33.3	-1.2
ABKAR	Akbulak array	71.72 321	eP	P	02 33 34.1	-0.4
AKTO	Aktyubinsk	73.22 321	P	P	02 33 42.7	-0.7
AKTO	Aktyubinsk	73.22 321	P	P	02 33 42.7	-0.7
SVE	Sverdlovsk	73.45 328	iP	P	02 33 44.8	+0.2
SVE	Sverdlovsk	73.45 328	iP	P	02 33 44.8	+0.2
ARU	Arti	74.43 328	eP	P	02 33 50.2	-0.1
ARU	Arti	74.43 328	eP	P	02 33 50.2	-0.1
ARU	Arti	74.43 328	eP	P	02 33 50.2	-0.1
ARU	Arti	74.43 328	eP	P	02 33 50.2	-0.1
ARU	Arti	74.43 328	eP	P	02 33 50.2	-0.1
ARU	Arti	74.43 328	eP	P	02 33 50.2	-0.1
MIR	Mirnyy	74.91 193	iP	P	02 33 51.0	-1.8
MIR	Mirnyy	74.91 193	iP	P	02 33 51.0	-1.8
RD0G	Red Dog Mine	78.54 21	eP	P	02 34 14.4	+0.9
RD0G	Red Dog Mine	78.54 21	eP	P	02 34 14.4	+0.9
SVW2	Sparrowohn	80.08 29	eP	P	02 34 23.1	+1.2
DDFL	Defoliatskaro	80.18 311	P	P	02 34 26.2	+3.2
RAYN	Ar Rayn	80.38 293	eP	P	02 34 23.3	-1.1
RAYN	Ar Rayn	80.38 293	eP	P	02 34 23.3	-1.1
RAYN	Ar Rayn	80.38 293	eP	P	02 34 23.3	-1.1
RAYN	Ar Rayn	80.38 293	eP	P	02 34 23.3	-1.1
DRG	David-gareji	80.74 311	P	P	02 34 26.9	+1.0
DGRG	David-gareji	80.74 311	eP	P	02 34 26.1	+0.2
GNI	Garni	81.17 310	LR	LR	03 16 56.4	
GNI	Garni	81.17 310	LR	LR	03 16 56.4	
GNI	Garni	81.17 310	LR	LR	03 16 56.4	
GNI	Garni	81.17 310	LR	LR	03 16 56.4	
KDAK	Kodiak Island	81.18 32	P	P	02 34 28.1	+0.3
KDAK	Kodiak Island	81.18 32	eP	P	02 34 28.1	+0.3
KDAK	Kodiak Island	81.18 32	eP	P	02 34 28.1	+0.3
KDAK	Kodiak Island	81.18 32	eP	P	02 34 28.1	+0.3
TBLG	Delisi	81.22 311	P	P	02 34 28.8	+0.3
TBLG	Delisi	81.22 311	eP	P	02 34 29.1	+0.6
TBLG	Delisi	81.22 311	eP	P	02 34 28.8	+0.3
TBLG	Delisi	81.22 311	eP	P	02 34 29.1	+0.6
DUS	Dusheti	81.26 312	P	P	02 34 30.1	+1.4
DUS	Dusheti	81.26 312	eP	P	02 34 30.1	+1.4
GUDG	Gudauri	81.44 312	P	P	02 34 30.9	+1.1
IM3	Indian Mountain	81.74 250	eP	P	02 34 32.2	+0.4
ABPO	Ambohianpanom	81.74 250	eP	P	02 34 32.2	+0.4
ABPO	Ambohianpanom	81.74 250	eP	P	02 34 32.2	+0.4
ZEI	Tsey	81.87 312	eP	P	02 34 29.9	-2.2
ZEI	Tsey	81.87 312	eP	P	02 34 29.9	-2.2
PPLA	Purkeypile	81.90 27	eP	P	02 34 32.4	+0.7
PRGR	Pergomere	81.96 332	eP	P	02 34 29.6	-2.3
PRGR	Pergomere	81.96 332	eP	P	02 34 29.6	-2.3
CAST	Castle Rock	82.00 27	eP	P	02 34 32.4	+0.3
BGD	Bogdanovka	82.07 311	P	P	02 34 34.2	+1.1
NCK	Nalchik	82.11 313	iP	P	02 34 33.4	+0.3
NCK	Nalchik	82.11 313	iP	P	02 34 33.4	+0.3
AKH	Akhalkalaki	82.15 311	P	P	02 34 35.1	+1.5
AKH	Akhalkalaki	82.15 311	iP	P	02 34 34.5	+0.9
AKH	Akhalkalaki	82.15 311	eP	P	02 34 34.9	+1.3
AKH	Akhalkalaki	82.15 311	eP	P	02 34 34.9	+1.3
AKH	Akhalkalaki	82.15 311	eP	P	02 34 35.1	+1.5
ONI	Oni	82.20 312	P	P	02 34 34.8	+1.1
ONI	Oni	82.20 312	eP	P	02 34 34.8	+1.1
BRLK	Bradley Lake	82.23 30	eP	P	02 34 33.1	-0.3
SUA	Susitna One	82.44 29	eP	P	02 34 34.7	+0.2

KTH	Kantishna Hill	82.53 27	eP	P	02 34 35.9	+0.9
BPAW	Bear Paw Mtn.	82.56 26	eP	P	02 34 35.8	+0.8
KBZ	Kabul	82.63 313	P	P	02 34 35.9	+0.2
KBZ	Kabul	82.63 313	P	P	02 34 35.9	+0.2
MLY	Manly	82.74 25	eP	P	02 34 36.6	+0.6
NEY	Neyrino	82.75 31	iP	P	02 34 37.3	+0.7
NEY	Neyrino	82.75 31	iP	P	02 34 37.3	+0.7
KIV	Kislovodsk	82.78 314	eP	P	02 34 35.9	-0.9
KIV	Kislovodsk	82.78 314	eP	P	02 34 35.9	-0.9
KIV	Kislovodsk	82.78 314	eP	P	02 34 36.5	-0.2
KIV	Kislovodsk	82.78 314	eP	P	02 34 36.8	+0.1
KIV	Kislovodsk	82.78 314	eP	P	02 34 36.8	+0.1
TRF	Thorofare Moun	82.81 27	eP	P	02 34 36.6	+0.1
RC01	Rabbit Creek A	82.90 29	eP	P	02 34 36.7	-0.1
COLD	Coldfoot	83.15 23	eP	P	02 34 39.2	+1.2
PMR	Palmer	83.22 29	eP	P	02 34 38.0	-0.4
PMR	Palmer	83.22 29	eP	P	02 34 38.0	-0.4
MCK	McKinley	83.43 26	eP	P	02 34 39.3	-0.2
RND	Reindeer	83.45 27	eP	P	02 34 39.2	-0.5
RND	Reindeer	83.45 27	eP	P	02 34 39.2	-0.5
TOLK	Toolik Lake Re	83.50 21	eP	P	02 34 41.0	+1.1
TOLK	Toolik Lake Re	83.50 21	eP	P	02 34 41.0	+1.1
VRH	Novokhoporsk	83.55 321	eP	P	02 34 39.6	-0.7
MDM	Murphy Dome	83.80 25	eP	P	02 34 41.4	-0.1
WRH	Wood River Hill	83.84 26	eP	P	02 34 41.5	-0.1
COLA	College	83.96 25	eP	P	02 34 42.4	+0.3
COLA	College	83.96 25	eP	P	02 34 42.4	+0.3
CCB	Clear Creek Bu	83.97 26	eP	P	02 34 41.7	-0.5
SCM	Sheep Creek Mo	84.09 28	eP	P	02 34 43.6	+0.6
DHY	Denali Highway	84.11 27	eP	P	02 34 40.4	+0.8
VNDA	Vanda	84.12 173	P	P	02 34 42.9	+0.3
VNDA	Vanda	84.12 173	P	P	02 34 43.0	+0.3
VNDA	Vanda	84.12 173	P	P	02 34 43.0	+0.3
VNDA	Vanda	84.12 173	P	P	02 34 43.0	+0.3
HLA	Harding Lake	84.33 26	eP	P	02 34 43.1	-1.0
ILAR	Eielson Array	84.37 25	P	P	02 34 43.0	-1.2
ILB	Eielson Array	84.37 25	P	P	02 34 43.1	-1.2
IL1	Eielson Array	84.37 25	P	P	02 34 42.4	-1.8
MAW	Mawson	84.50 200	eP	P	02 34 45.2	+0.5
MAW	Mawson	84.50 200	eP	P	02 34 45.2	+0.5
MAW	Mawson	84.50 200	eP	P	02 34 45.2	+0.5
MAW	Mawson	84.50 200	eP	P	02 34 4	

2012 SEP

Wd	2h	105.83	325	PKIKP	PKIKP	02 40	35.8	0.0	CCM	Cathedral Cave	124.85	36	ePKPdf	PKPdf	02 41	12.8	+0.4	P53A	Whipple	129.08	28	P	PKPdf	02 41	20.1	-0.3
NV01	Minna Array Sit	106.28	48	ePdf	Pdf	02 36	26.7	+0.8	CCM	Cathedral Cave	124.85	36	ePKIKP	PKPdf	02 41 <td>12.8</td> <td>+0.4</td> <td>BIN</td> <td>Binghamton</td> <td>129.11</td> <td>22</td> <td>P</td> <td>PKPdf</td> <td>02 41</td> <td>20.4</td> <td>-0.1</td>	12.8	+0.4	BIN	Binghamton	129.11	22	P	PKPdf	02 41	20.4	-0.1
NVAR	Mina Array Bea	106.28	48	Pdf	Pdf	02 36	26.7	+0.5	CCM	Cathedral Cave	124.85	36	P	PKPdf	02 41	11.4	-1.0	T50A	Kamf	129.21	33	P	PKPdf	02 41	20.7	-0.1
NVAR	comp=Z,0.5nm,0.8s,baz=267,slow=4.0,SNR=5.9			PKPKPbc	PKPKPbc	02 51	58.8	-0.5	S41A	Jillico Farms,	124.86	37	P	PKPdf	02 41	12.2	-0.3	X47A	Russelville	129.25	37	P	PKPdf	02 41	21.2	+0.3
NVAR	comp=Z,1.1nm,0.8s,baz=156,slow=4.0,SNR=7.7			PKPKPab	PKPKPab	02 52	13.9	-1.4	U40A	Yellville	124.96	39	P	PKPdf	02 41	12.4	-0.3	W48A	Pulaski	129.37	36	P	PKPdf	02 41	21.4	+0.2
DOU	Dourbes	106.52	325	PKIKP	PKIKP	02 40	40.8	+3.7	R32A	Luebering	124.97	36	P	PKPdf	02 41	12.7	0.0	344A	Westport Farm	129.38	42	P	PKPdf	02 41	22.7	+1.4
EGMT	Eagleton	108.09	36	P	PKIKP	02 40	40.4	+0.3	W39A	Magazine	125.08	41	ePKPdf	PKPdf	02 41	13.2	+0.3	SS1A	Beattyville	129.41	31	P	PKPdf	02 41	21.2	0.0
BFSO	Mount Baldy Ra	108.14	52	P	PKIKP	02 40	41.8	+1.1	W39A	Magazine	125.08	41	P	PKPdf	02 41	13.1	+0.1	Z46A	Louisville	129.45	40	P	PKPdf	02 41	21.6	+0.2
PDAR	Pinedale Array	110.68	41	PKPKPbc	PKPKPbc	02 51	44.1	-1.5	T41A	Mountain View	125.20	38	P	PKPdf	02 41	13.0	-0.2	V49A	McMinnville	129.53	35	P	PKPdf	02 41	21.3	-0.2
PDAR	comp=Z,0.2nm,0.6s,baz=102,slow=5.0,SNR=4.3			PKPKPab	PKPKPab	02 51	53.8	-2.0	X39A	Fountain Ranch	125.27	42	P	PKPdf	02 41	13.2	-0.2	U50A	Jamestown	129.65	33	P	PKPdf	02 41	22.2	+0.5
O20A	White River Ci	112.77	43	P	PKIKP	02 50	50.6	+1.2	S42A	Caledonia	125.31	36	P	PKPdf	02 41	12.7	-0.7	T51A	Gray	129.73	32	P	PKPdf	02 41	21.5	-0.3
ISCO	Idaho Springs	114.71	42	P	PKPdf	02 40	53.7	+0.4	V40A	Witts Springs	125.32	40	ePKPdf	PKPdf	02 41	13.4	-0.1	W49A	Belvidere	129.78	36	P	PKPdf	02 41	21.5	-0.4
ANMO	Albuquerque	116.39	47	PKP	PKPdf	02 40	56.5	-0.1	V40A	Witts Springs	125.32	40	P	PKPdf	02 41	12.7	-0.7	X48A	Hartselle	129.78	37	P	PKPdf	02 41	21.7	-0.3
ANMO	Albuquerque	116.39	47	ePKPdf	PKPdf	02 40	54.0	-2.5	P44A	Sand Creek, Wi	125.39	34	P	PKPdf	02 41	13.4	0.0	V50A	Pikeville	130.05	34	P	PKPdf	02 41	22.9	+0.5
ANMO	Albuquerque	116.39	47	ePKPdf	PKPdf	02 40	58.3	+1.8	CLWO	Collingwood	125.53	24	P	PKPdf	02 41	13.1	-0.5	W52A	Murphy	131.13	34	P	PKPdf	02 41	25.2	+0.7
H35A	Sunnyside Ranc	118.45	33	P	PKPdf	02 40	59.8	-0.1	LATQ	La Tuque	125.54	16	P	PKPdf	02 41	13.3	-0.1	149A	Jones	131.20	39	P	PKPdf	02 41	24.2	-0.5
MNTX	Cornudas Mount	118.64	50	ePKPdf	PKPdf	02 41	01.8	+1.0	W40A	Ferguson Farm,	125.54	40	P	PKPdf	02 41	13.8	0.0	V53A	Saluda	131.31	33	P	PKPdf	02 41	25.0	+0.1
MNTX	Cornudas Mount	118.64	50	P	PKPdf	02 41	01.1	+0.4	U41A	Viola	125.55	38	P	PKPdf	02 41	14.5	+0.7	W53A	Cullowhee	131.49	33	P	PKPdf	02 41	25.1	-0.2
F38A	Pierce - Schro	119.13	30	P	PKPdf	02 41	01.4	+0.2	SFIN	Lafayette	125.55	32	P	PKPdf	02 41	13.7	+0.1	X52A	Dahlonaga	131.50	34	P	PKPdf	02 41	25.7	+0.4
MSTX	Muleshoe	119.54	47	P	PKPdf	02 41	03.1	+0.6	Q44A	Meyer Farm, Va	125.56	34	P	PKPdf	02 41	13.9	-0.2	150A	Ectanolee	131.67	38	P	PKPdf	02 41	25.5	-0.1
F39A	Loretta	119.63	30	P	PKPdf	02 41	01.8	-0.4	MIAR	Mount Ida	125.61	41	ePKPdf	PKPdf	02 41	14.7	+0.7	X53A	Estanolee	131.91	34	P	PKPdf	02 41	26.9	+1.0
I37A	Lemond, Waseca	119.67	33	P	PKPdf	02 41	02.5	+0.2	MIAR	Mount Ida	125.61	41	ePKIKP	PKPdf	02 41	13.9	0.0	Y52A	Lilburn	131.94	35	ePKPdf	PKPdf	02 41	28.1	+2.0
I38A	Scanlan Farm,	120.22	32	P	PKPdf	02 41	03.2	-0.2	T42A	Van Buren	125.61	37	ePKPdf	PKPdf	02 41	14.0	+0.1	Y52A	Lilburn	131.94	35	P	PKPdf	02 41	26.0	-0.1
K37A	Belmond	120.37	34	P	PKPdf	02 41	02.8	-0.8	T42A	Van Buren	125.61	37	P	PKPdf	02 41	13.5	-0.4	151A	Opelika	132.15	37	P	PKPdf	02 41	24.8	-1.7
J38A	Wedel Dairy, R	120.63	33	P	PKPdf	02 41	03.7	-0.5	L48A	N Adams	125.72	29	P	PKPdf	02 41	14.0	0.0	Z52A	Williamson	132.22	36	P	PKPdf	02 41	27.0	+0.4
F41A	Three Lakes	120.64	29	P	PKPdf	02 41	04.2	+0.1	V41A	Mountainview	125.76	39	P	PKPdf	02 41	13.5	-0.7	Y53A	Monroe	132.22	35	P	PKPdf	02 41	27.3	+0.7
I39A	Houston	120.77	32	P	PKPdf	02 41	03.9	-0.6	P45A	Graceland, Par	125.82	33	P	PKPdf	02 41	13.9	-0.4	251A	Midway	132.40	38	P	PKPdf	02 41	27.8	+0.8
KSU1	Kansas State U	120.93	39	ePKPdf	PKPdf	02 41	05.3	+0.4	S43A	Fulton Ridge,	125.86	36	P	PKPdf	02 41	14.4	0.0	Z53A	Montello	132.65	35	P	PKPdf	02 41	28.1	+0.7
KSU1	Kansas State U	120.93	39	P	PKPdf	02 41	05.0	+0.1	N47A	Urbana	125.91	30	P	PKPdf	02 41	13.6	-0.7	252A	Lumpkin	132.87	37	P	PKPdf	02 41	28.6	+0.8
TX31	Lajitas Ar. Si	121.00	52	ePKPdf	PKPdf	02 41	05.6	+0.2	BANO	Bancroft	125.96	22	P	PKPdf	02 41	14.4	+0.1	Z54A	Sparta	133.10	35	P	PKPdf	02 41	28.5	+0.3
LTX	Lajitas	121.00	52	ePKPdf	PKPdf	02 41	05.4	0.0	U42A	Reverend	125.97	38	P	PKPdf	02 41	14.1	-0.5	PLCA	Paso Flores	140.61	159	PKP	PKPdf	02 41	42.9	+0.9
TXAR	Lajitas Array	121.00	52	PKP	PKPdf	02 41	05.4	0.0	R44A	Waltonville	125.98	35	P	PKPdf	02 41	14.6	0.0	ESPN	Las Esperanzas	144.82	62	ePKPdf	PKPdf	02 41	50.3	+0.3
TXAR	comp=Z,1.1nm,0.8s,baz=217,slow=0.6,SNR=7.9			PKPKPbc	PKPKPbc	02 51	09.5	+0.4	Q45A	Warren Harvey,	126.05	34	P	PKPdf	02 41	15.0	+0.3	TRQA	Torquist	145.58	168	ePKPdf	PKPbc	02 41	51.2	-0.1
J39A	Decorah	121.03	32	P	PKPdf	02 41	03.4	-1.5	P46A	Rosedale	126.05	32	P	PKPdf	02 41	14.9	+0.3	PEL	Peldehue	147.06	152	ePKPdf	PKPbc	02 41	56.1	+0.5
G42A	Mountain	121.33	29	P	PKPdf	02 41	05.2	-0.3	T43A	Greenville	126.06	37	P	PKPdf	02 41	15.0	+0.2	PEL	Peldehue	147.06	152	ePKPdf	PKPbc	02 41	56.1	+0.5
L37A	Vinton	121.70	33	P	PKPdf	02 41	03.9	-2.3	ELFO	Elginfield	126.14	25	P	PKPdf	02 41	14.3	-0.5	GTBY	Guanantamo Bay	147.50	41	ePKPbc	PKPbc	02 41	58.0	+1.0
O37A	Wolven Farm, M	121.76	36	P	PKPdf	02 41	06.4	0.0	O47A	Sheridan	126.14	31	P	PKPdf	02 41	14.6	-0.2	G0T4	Goloto Observa	149.43	149	ePKPbc	PKPbc	02 41	52.2	+0.4
K40A	Colesburg	121.77	32	P	PKPdf	02 41	05.4	-1.0	PBMO	Poplar Bluff	126.18	37	ePKPdf	PKPdf	02 41	14.8	-0.2	LCO	Las Campanas	150.04	148	ePKPbc	PKPbc	02 41	55.5	+0.9
N38A	Joess South For	121.89	35	P	PKPdf	02 41	06.3	-0.4	V42A	Cord	126.22	39	P	PKPdf	02 41	14.8	-0.3	LCO	Las Campanas	150.04	148	ePKIKP	PKPbc	02 41	05.5	-0.9
J41A	Loganville	121.90	31	P	PKPdf	02 41	06.0	-0.6	N48A	Decatur	126.25	30	P	PKPdf	02 41	13.9	-1.1	MTP	Monte Pirata	154.43	28	ePKPbc	PKPbc	02 41	02.6	-0.8
WMOK	Wichita Mounta	121.98	44	P	PKPdf	02 41	06.8	-0.3	X41A	Kaden, Bauxite	126.33	41	P	PKPdf	02 41	14.9	-0.4	ROSC	El Rosal	156.86	67	PKPab	PKPdf	02 41	40.5	+1.5
P37A	Lathrop	122.01	37	P	PKPdf	02 41	05.7	-1.2	R45A	Skylar, Fairir	126.40	34	P	PKPdf	02 41	16.3	+0.9	CPUP	CPUP Villa Florida	157.87	170	PKP	PKPab	02 42	10.0	+0.5
M39A	Webster	122.04	34	P	PKPdf	02 41	06.4	-0.5	ORIO	Orleans, Innes	126.43	20	P	PKPdf	02 41	15.1	-0.1	CPUP	CPUP Villa Florida	157.87	170	ePKPdf	PKPdf	02 42	09.9	+0.5
I42A	Draeger Farm,	122.08	30	P	PKPdf	02 41	06.3	-0.6	N49A	Columbus Grove	126.62	29	P	PKPdf	02 41	15.5	-0.2	CPUP	CPUP Villa Florida	157.87	170	ePKPab	PKPab	02 42	43.8	+1.5
JFWS	Jewell Farm	122.09	32	P	PKPdf	02 41	05.5	-1.5	O47A	Blanesville	126.64	32	P	PKPdf	02 41	16.1	+0.3	CPUP	CPUP Villa Florida	157.87	170	ePKIKP	PKPab	02 42	10.0	+0.5
L40A	Anamosa	122.17	33	ePKPdf	PKPdf	02 41	06.7	-0.5	P48A	Fairland	126.64	30	P	PKPdf	02 41	15.5	-0.3	SDV	Santo Domingo	158.04	53	PKP	PKPab	02 42	10.7	+0.4
L40A	Anamosa	122.17	33	P	PKPdf	02 41	06.1	-1.0	WLV0	Wesleyville	126.72	23	P	PKPdf	02 41	16.3	+0.5	SDV	Santo Domingo	158.04	53	PKP	PKPab	02 42	10.7	+0.4
N39A	Derby Farms, D	122.25	35	P	PKPdf	02 41	07.1	-0.3	M50A	Fremont	126.78	28	P	PKPdf	02 41	15.5	-0.5	MMMC	Milny Milny	158.25	133	ePKPdf				

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

ROM 06 02:33:34.2e.0.1,39.899N,007.16:04E,0.01,h10km, Md1.6/4,Southern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MMN Mormanno, T0701 Viggianello, etc.

IDC 06 02:39:56.8e.2.9,6.43S,129.96E,h78km,39km,mb3.5/1, mb1 4.2/5,mb1mx3.5/55,mbtmp3.4/3,ML4.4/4,Error ellipse: s-maj=70.4km s-min=22.6km az=91.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, MSAI Masohi, etc.

IDC 06 03:03:12.7e.5.5,27.80S,73.64E,h0km,mb3.9/4, mb1 4.1/4,mb1mx3.6/50,mbtmp3.9/4,MS3.6/2,Ms1 3.7/2, ms1mx3.0/35,Error ellipse: s-maj=152.8km s-min=36.2km az=52.0,Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, etc.

2012 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H08S2 Diego Garcia H, PSI Prapat, etc.

border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IHRH Heris, ITBZ Tabriz, ORD Orudub, etc.

MAN 06 03:17:55.7e.6.87N,126.72E,h2km,mb4.2,ML3.0,MS2.7, 1C-1D,Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GDB GEDABAY, ALIB Äli-Bayra, etc.

UCR 06 03:29:05.0e.2.3,9.85N,85.60W,h17km,9km,MD4.2, 3C-2D,Off coast of Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VCR Vista de Mar, JTS JuntasAbangare, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IBZA Bozab, SVAN Silvan-Diyarba, etc.

TEH 06 03:13:36.7e.27.10N,54.09E,h10km,ML3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GHIR Gariz-Khariz, JHRM Jahrom, etc.

MAN 06 03:17:55.7e.6.87N,126.72E,h2km,mb4.2,ML3.0,MS2.7, 1C-1D,Mindanao

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

UCR 06 03:29:05.0e.2.3,9.85N,85.60W,h17km,9km,MD4.2, 3C-2D,Off coast of Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VCR Vista de Mar, JTS JuntasAbangare, etc.

Table with columns: ID, Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like BR231 Keskin MP Arra, ANTO Ankara, KSH Kashi, etc.

Table with columns: ID, Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like KIS comp=N,600nm,18.0s, GUN Gumba, JIRN Jiri, etc.

Table with columns: ID, Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like KECS Kecoovo, SHL Shilling, MORH M'ar'jgy, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Kosan Boka, TIC BORG, LIC Lamto, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LTX Lajitas, TXAR Lajitas Array, etc.

DJA 06 03:47:54.1±1.0, 11°S 144°14'41"E, h22km, 6km, M3.8/10, MLV3.8/10, South of Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like JAGI Jajag, BNI IPOP Station P, etc.

ISCJB 06 03:57:03.2±0.8, 2.0E, 26°83'S, 0.06:178.7E:0.1, h600km, mb4.2/6, Error ellipse: s-maj=16.6km s-min=7.3km az=168.7

ISC 06 03:57:03.5±2.7, 26.77S:178.69E, h586km, 41km, mb3.5/6, mb1 3.8/9, mb1mx3.4/3, mbtmp4.7/9, Error ellipse: s-maj=31.2km s-min=17.3km az=49.0

ISC 06 03:57:05.6±1.0, 2.0725N:109.178E:0.1, h600km, n24, Pao 23/61, mb4.2/6, Keradec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like RIZ Raon Island, GLKZ Green Lake, etc.

DJA 06 03:57:56.2±1.5, 3°S 133°14'00"E, h54km, 13km, M4.3/3, MLV4.3/3

ISC 06 03:57:57.0±2.7, 2.26S:140.02E, h109km, 35km, mb3.1/2, mb1 3.3/3, mb1mx3.0/45, mbtmp3.5/3, Error ellipse: s-maj=84.1km s-min=46.9km az=106.0

ISC 06 03:57:55.2±2.2, 25.5N:139.8E:0.1, h100km, n8, ±25:10/N, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GENI Genyem, JAY Jayapura, etc.

ISC 06 04:00:32.6±0.8, 10.57N:126.78E, h0km, mb4.1/15, mb1 4.2/15, mb1mx4.0/53, mbtmp4.1/15, MS3.4/2, Ms1 3.4/2, ms1mx2.8/34, Error ellipse: s-maj=36.2km s-min=17.7km az=77.0

ISCJB 06 04:00:34.1±0.4, 01°02'N:104°12'6"E, h0km, h20km, mb4.3/20, MS3.7/1, Error ellipse: s-maj=6.3km s-min=5.7km az=142.9

MAN 06 04:00:37.1, 10°80'N:126°68'E, h10km, mb4.6, ML3.4, MS3.3

NEIC 06 04:00:37.5±0.3, 10.52N:126.90E, h35km, mb4.8/6, Error ellipse: s-maj=14.8km s-min=6.6km az=77.0

ISC 06 04:00:35.0±0.5, 10.59N:126.81E:0.07, h20km, n51, ±1907/53, mb4.3/20, 2D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BESP Borongan, PLP Palo, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSRS Korea Array, PMG Port Moresby, WRA Warramunga Arr, etc.

ISC 06 04:10:35.1±15.0, 10°20'N:84°55'W, h0km, mb3.5/2, mb1 4.0/2, mb1mx3.5/2, mbtmp3.5/2, MS3.3/2, Ms1 3.4/2, ms1mx2.9/22, Error ellipse: s-maj=1175.0km s-min=108.8km az=61.0, Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TXAR Lajitas Array, NVAR Mina Array Be, etc.

NEIC 06 04:13:14.8±0.0, 19°54'N:64°02'W, h76km, h76km, MD3.6/(RSPR), After RSPR

RSPR 06 04:13:14.8, 19°54'N:64°02'W, h76km, h76km, MD3.6/10, RSDP 14-CD, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ABV Anegada, TBVI Tortola, etc.

ISC 06 04:14:50.9±3.0, 6.79S:147°39'E, h0km, mb3.0/1, mb1 3.6/3, mb1mx3.4/25, mbtmp3.4/3, ML1.0/1, Error ellipse: s-maj=85.0km s-min=31.9km az=103.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, etc.

MDD 06 04:24:50.5-0.3,36.61N-2.91W,h0km,mbLg3.3/46,Error
ellipse: s-maj=3.0km s-min=2.3km az=127.0,PRXIMO
MDD EMS: III INTENSIDA MAXIMA.
SFS 06 04:24:50.0,36.60N-2.90W,ML3.3,ALBORAN NORTE
LDG 06 04:24:50.0,36.62N-2.88W,h2km,ML3.1/8,Error
ellipse: s-maj=3.8km s-min=2.9km az=158.0
IGIL 06 04:24:50.7,36.61N-2.92W,h2km

INMG 06 04:24:51.1-1.8,36.61N-2.96W,h0km,ML3.2,Error
ellipse: s-maj=3.3km s-min=2.8km az=147.0
CNRM 06 04:24:53.5,36.55N-2.87W,h4km,ML3.5
ISC 06 04:24:49.3-0.6,36.69N-0.02-2.85W,0.01,h14km,3km,
n143,c2540/199,2C-3D,Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, Res ISC. Lists various stations like EBER, ENIJ, ELGU, etc.

Table with columns: EBAD, EBAF, EBAJ, etc. Lists various stations like EBAJ, EBAF, EBAJ, etc.

Table with columns: PMAFR, PMAFR, PMAFR, etc. Lists various stations like PMAFR, PMAFR, PMAFR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, Res ISC. Lists stations like JHRM, JHRM, JHRM, etc.

ISCJB 06 04:44:14.0,0.5,10.34N,0.05:85.95W,0.0,4,h24km, mb4.0/24, Error ellipse: s-maj=8.5km s-min=4.2km az=30.3

UCR 06 04:44:13.1,2.8,10.17N,86.55W,h0km,mb3.6/3, mb4.1/16IC

IDC 06 04:44:14.2,1.2,11.03N,86.55W,h0km,mb3.6/3, mb1.4/1.4,mb1mx3.7/40,mbtmp3.6/4,ML3.1/1, Error ellipse: s-maj=79.3km s-min=15.6km az=51.0

NEIC 06 04:44:16.4,2.4,10.33N,85.83W,h29km,1.7km,mb4.1/22, Error ellipse: s-maj=13.6km s-min=6.3km az=208.0

NEIC Felt at Sardinal. ISC 06 04:44:15.0,0.9,10.25N,0.07:85.96W,0.06,h24km,n133, s=1922/137,mb4.1/25,4C, Costa Rica

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

Table with columns: KMSC, Kings Mountain, 25.14, 9, P, 04 49 37.8 -0.5. Lists seismic events from Kings Mountain station.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, ISC. Lists stations for the 2012 SEP 04 event.

ISCJB 06 05:05:31.1,0.9,35.79N,0.08:83.0E,0.2,h10km,mb3.5/4, Error ellipse: s-maj=26.1km s-min=11.4km az=173.7

IDC 06 05:05:31.1,1.0,35.67N,82.85E,h0km,mb3.6/4, mb1.3/8.7,mb1mx3.5/47,mbtmp3.7/77,ML3.6/3,MS2.6/1, Ms1 2.6/1,ms1mx2.2/45, Error ellipse: s-maj=33.8km s-min=17.7km az=56.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, ISC. Lists stations for the 2012 SEP 05 event.

MAN 06 05:12:41.7,6.94N,127.40E,h4km,mb4.9,ML3.8,MS3.9 ISCJB 06 05:12:47.0,1.0,7.09N,0.05:127.23E,0.08,h50km,11km, mb4.2/12,MS3.5/7, Error ellipse: s-maj=13.0km s-min=7.4km az=169.5

NEIC 06 05:12:47.0,0.4,7.11N,127.13E,h35km,mb4.6/4, Error ellipse: s-maj=13.4km s-min=6.0km az=84.0

Table with columns: region, Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, ISC. Lists seismic events from various regional stations.

IDC 06 05:15:31.9,13.0,13.39N,88.11W,h0km,mb3.6/4, mb1.3/9.6,mb1mx3.6/33,mbtmp3.6/6,ML3.2/2,MS3.1/2, Ms1 3.2/2,ms1mx2.5/29, Error ellipse: s-maj=236.3km s-min=52.5km az=172.6

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, ISC. Lists stations for the 2012 SEP 05 event.

MAN 06 05:30:21.4,7.89N,125.17E,h30km,ML3.9,ML2.7,MS2.4, 2C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, ISC. Lists stations for the 2012 SEP 05 event.

MAN 06 05:40:42.6,7.15N,127.37E,h14km,mb4.8,ML3.7,MS3.7 ISCJB 06 05:40:46.0,0.9,7.14N,127.29E,0.07,h35km, mb3.5/5,MS2.7/1, Error ellipse: s-maj=9.7km s-min=8.1km az=147.8

IDC 06 05:40:47.1,5.8,7.25N,127.07E,h33km,45km,mb3.5/5, mb1.3/6.5,mb1mx3.4/35,mbtmp3.7/5,MS2.8/1,Ms1 2.8/1, ms1mx2.2/27, Error ellipse: s-maj=45.1km s-min=18.9km az=76.0

ISC 06 05:40:47.1,0.7,13N,0.07:127.20E,0.09,h35km,n13, s=1886/16,mb3.6/5,1C-1D,Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, ISC. Lists stations for the 2012 SEP 05 event.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DUMP, BUKP, CGP, WITZ, WARRUNGA, etc.

AZER 06:05:53.22.9.0.7, 38.34N, 46.61E, h6km, 14km, ml3.5/21, Error ellipse: s-maj=25.7km s-min=5.4km az=25.0

Main table listing seismic stations and their parameters. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like IHRIS, IHRZ, ITBZ, IAZR, etc.

DDA 06:06:33.47.5.1, 38.68N, 37.53E, h26km, M12.6, Error ellipse: s-maj=11.2km s-min=5.9km

Table listing stations for DARE, DARENDALATY, GURIN, etc. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 06:06:45:56.6.0.4, 33.80S, 0.04, 70.03W, 0.08, h110km, 4km, mb4.2/12, Error ellipse: s-maj=11.2km s-min=5.9km

Table listing stations for DARE, DARENDALATY, GURIN, etc. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 06:06:45:56.6.0.4, 33.80S, 0.04, 70.03W, 0.08, h110km, 4km, mb4.2/12, Error ellipse: s-maj=11.2km s-min=5.9km

Table listing stations for DARE, DARENDALATY, GURIN, etc. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

Table listing seismic stations and their parameters. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like CERRO CALAN, PELDEHUE, etc.

IDC 06:06:46:27.6.0.5, 3.61S, 140.35E, h0km, mb4.6/16, m1 4.7/17, mb1mx4.6/29, mbtmp4.6/17, ML4.9/2, MSS.1/32, Ms1.5/32, ms1mx1.3/36, Error ellipse: s-maj=17.9km

ISCJB 06:06:46:31.1.0.8, 3.67S, 140.38E, 0.02, h33km, 5km, mb5.0/89, MSS.2/173, Error ellipse: s-maj=4.2km

MOS 06:06:46:32.2.1.2, 3.58S, 140.36E, h43km, 5.6/26, MSS.0/16, Error ellipse: s-maj=11.1km s-min=5.9km

DJA 06:06:46:32.0.0.3, 4.2S, 141.1E, h38km, 3km, M5.4/49, mb5.5/49, mb5.8/38, ML5.7/5, Mw(MB)5.3/38, Mw(p)5.6/1

GCMT 06:06:46:33.9.0.1, 3.51S, 140.05E, 0.140, 43E, 0.01, h31km, Mw(6.31), Moment Tensor Solution s120.c217, s131.c229, Duration: 1s6 Moment tensor: Scale 1017

NEIC 06:06:46:32.8.0.5, 3.65S, 140.32E, 0.04, h30km, 2km, h31km, pp-P, n448, e1985/336, mb5.2/96, MSS.2/174, 7C-7D, Irian Jaya

NEIC Felt (III) at Jayapura and (II) at Genyem. BUJ 06:06:46:35.4.0.3, 03S, 140.26E, h35km, mb4.9/55, mb5.4/49, Ms5.1/59, Ms7.4/9/57

ISC 06:06:46:32.8.0.5, 3.65S, 140.32E, 0.04, h30km, 2km, h31km, pp-P, n448, e1985/336, mb5.2/96, MSS.2/174, 7C-7D, Irian Jaya

Main table listing seismic stations and their parameters. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like GENI, JAY, WAM, etc.

Main table listing seismic stations and their parameters. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like MTN, LBMI, TMTI, etc.

Table listing stations for MTN, LBMI, TMTI, etc. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like TATO, H11S3, H11S2, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like TIA, PHRA, ERM, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like CN2, KUR, YSS, etc.

PKIN	Phulchoki	61.31 304	eP	P	06 56 46.5 +0.3
KKN	Kakani	61.49 304	eP	P	06 56 48.6 +1.3
DMN	Daman	61.57 304	eP	P	06 56 48.3 +0.4
MDRS	Chennai	61.90 287	eP	P	06 56 49.5 -0.5
GKN	Gorkha	62.09 304	eP	P	06 56 52.4 +1.0
ZAK	Zakamensk	62.52 334	eP	P	06 56 53.8 +0.1
DANN	Dangsing	62.94 304	eP	P	06 56 58.9 +1.7
TLY	Talya	63.33 335	eP	P	06 56 58.9 0.0
TLY	Talya	63.33 335	eS	S	07 05 37.9 +8.7
TLY	Talya	63.33 335	eSS	SS	07 09 34.6 -1.7
MA2	Magadan	63.58 6	LR	LR	07 22 08.0
MA2	Magadan	63.58 6	PFAKE	LR	06 57 10.0 +1.0
MA2	Magadan	63.58 6	iP	P	06 56 59.7 -0.7
TRD	Trivandrum	64.32 281	eP	I Amb	06 57 04.8 -1.3
HYB	Hyderabad	64.41 291	eP	I Amb	06 57 05.7 -1.0
BOD	Bodaibo	64.83 345	iP	P	06 57 07.4 -1.2
NGP	Nagpur	64.84 295	eP	I Amb	06 57 08.4 -1.1
CASY	Casey	65.90 193	eP	LR	06 57 15.2 -0.2
YAK	Yakutsk	66.01 355	eP	P	06 57 15.6 -0.5
YAK	Yakutsk	66.01 355	ePP	PP	06 57 25.0 -0.6
YAK	Yakutsk	66.01 355	e	e	06 57 43.4
YAK	Yakutsk	66.01 355	eS	S	07 05 39.5
YAK	Yakutsk	66.01 355	e'SS	S'S	07 06 59.8 -1.9
YAK	Yakutsk	66.01 355	e	e	07 07 17.1 -0.3
YAK	Yakutsk	66.01 355	e	e	07 07 06.5
ADK	Adak	66.25 28	eP	P	06 57 16.9 -1.0
ADK	Adak	66.25 28	eP	P	06 57 16.9 -1.0
ADK	Adak	66.25 28	eP	P	06 57 16.9 -1.0
ADK	Adak	66.25 28	eP	P	06 57 16.9 -1.0
WMQ	Urumqi	66.74 321	eP	P	06 57 23.2 +1.9
WMQ	Urumqi	66.74 321	eP	P	06 57 31.9 +1.1
WMQ	Urumqi	66.74 321	eP	P	06 57 10.3 -1.2
WMQ	Urumqi	66.74 321	eP	P	06 57 23.2 +1.9
WMQ	Urumqi	66.74 321	eP	P	06 57 31.9 +1.1
WMQ	Urumqi	66.74 321	eP	P	06 57 10.3 -1.2
BHPL	Bhopal	66.83 297	eP	I Amb	06 57 23.9 +1.6
BHPL	Bhopal	66.83 297	eP	I Amb	06 57 32.3
SEY	Seymchan	67.03 6	LR	LR	07 23 44.7
POHA	Pohakuloa	67.14 67	PFAKE	LR	06 57 40.0 +1.5
HVS	Khovu-Aksy	67.50 330	iP	P	06 57 26.1 +0.1
DDI	Dehra Dun	68.29 305	eP	I Amb	06 57 31.2 -0.2
SMLA	Simla	69.27 305	eP	I Amb	06 57 36.8 -0.5
PPT	Papeete	69.95 107	LR	LR	07 25 10.3
DGZ	Jazzator, Alta	69.95 327	iP	P	06 57 41.8 +0.4
PPT2	Papeete2	69.95 107	eS	SS	07 06 51.8 +1.2
PPT2	Papeete2	69.95 107	eS	SS	07 11 25.4 +5.1
DHRM	DHARAMSHALA	70.31 306	eP	I Amb	06 57 43.7 -0.4
TBI	Tubuaj	70.41 113	eS	LQ	07 16 22.3
MIR	Mirny	70.80 198	iP	P	06 57 49.5 +3.4
MIR	Mirny	70.80 198	iP	P	06 57 59.0
MK31	Makanchi Array	71.51 322	P	P	06 57 51.5 +0.7
MKAR	Makanchi Array	71.51 322	P	P	06 57 49.6 -1.3
MKAR	Makanchi Array	71.51 322	P	P	06 57 52.0 +1.2
MAK2	Makanchi	71.71 322	eP	P	06 57 51.0 -1.0
MAK2	Makanchi	71.71 322	eP	P	06 57 51.0 -1.0
PDGK	Podgornoye	71.84 318	P	P	06 57 54.1 +1.1
KSH	Kashi	72.89 313	P	P	06 58 06.9 +7.5
KSH	Kashi	72.89 313	P	P	06 58 17.5 +1.2
KSH	Kashi	72.89 313	P	P	07 07 31.1 +0.3
NIL	Nilore	73.17 307	eP	P	06 58 01.4 +0.4
NIL	Nilore	73.17 307	eP	P	06 58 01.4 +0.4

NIL	Nilore	73.17 307	eP	P	06 58 01.4 +0.4
ZALV	Zalesovo Beam	73.55 329	P	P	06 58 02.2 -0.6
ZALV	Zalesovo Beam	73.55 329	P	P	06 58 02.5 -0.3
ZALV	Zalesovo Beam	73.55 329	P	P	06 58 02.5 -0.3
TKM2	Tokmak 2	74.33 316	iP	P	06 58 10.7 +2.9
VNDA	Vandenberg	74.71 175	P	P	06 58 08.6 -0.5
NVS	Novosibirsk	74.81 330	eP	P	06 58 10.3 +0.3
NVS	Novosibirsk	74.81 330	eP	P	06 58 10.3 +0.3
SFK	Sufi-Kurgan	74.86 313	P	P	06 58 11.1 +0.1
FRU	Bishkek	74.97 316	eP	P	06 58 22.0 +1.1
AAK	Ala-Archa	74.99 316	PFAKE	LR	06 58 20.0 +8.3
AAK	Ala-Archa	74.99 316	iP	P	06 58 11.0 -0.7
KURK	Kurchatov	75.41 325	eP	P	06 58 13.5 -0.1
KURK	Kurchatov	75.41 325	eP	P	06 58 13.5 -0.1
KURK	Kurchatov	75.41 325	eP	P	06 58 13.5 -0.1
TIXI	Tiksi	75.53 356	PFAKE	LR	06 58 30.0 +1.6
TIXI	Tiksi	75.53 356	iP	P	06 58 13.6 -0.3
MNAS	Manas	76.34 315	P	P	06 58 19.0 -0.3
KK31	Karatay Array	77.92 315	eP	P	06 58 27.5 -0.6
TAOE	Nuku Hiva	79.12 98	eLR	LR	07 23 36.8
BVA0	Borovoye Array	81.00 325	P	P	06 58 43.8 -0.8
BVA0	Borovoye	81.07 325	eP	P	06 58 43.6 -1.3
BRVK	Borovoye	81.07 325	eP	P	06 58 44.9 0.0
NRIK	Noril'sk	81.07 343	P	P	06 58 43.2 -1.3
KDAK	Kodiak Island	81.11 30	PFAKE	LR	06 59 00.0 +1.5
MAW	Mawson	81.86 202	P	P	06 58 48.6 -0.2
MAW	Mawson	81.86 202	P	P	06 58 49.1 +0.3
MSEY	Mahe Island	84.57 266	PFAKE	LR	06 59 10.0 +6.0
ILAR	Eielson Array	86.03 24	P	P	06 59 07.3 -2.8
ILAR	Eielson Array	86.03 24	P	P	07 09 34.6 -7.3
TOLK	Toolik Lake Re	86.25 20	P	P	06 59 11.4 +0.2
QSPA	South Pole Qui	86.30 180	P	P	06 59 11.0 -0.7
QSPA	South Pole Qui	86.30 180	eP	P	06 59 11.0 -0.7
AB31	Akbulak array	86.47 320	eP	P	06 59 11.0 -1.6
EGAK	Eagle	88.40 25	eP	P	06 59 20.5 -1.1
ARU	Arti	88.46 327	PFAKE	LR	06 59 30.0 +8.0
ARU	Arti	88.46 327	iP	P	06 59 20.2 -1.8
ARU	Arti	88.46 327	iP	P	07 02 47.8
ARU	Arti	88.46 327	iP	P	07 15 57.1 +0.9
DAWY	Dawson	89.02 26	eP	P	06 59 23.4 -1.2
SYO	Syowa Base	90.45 201	iP	P	06 59 31.3 +0.2
WRAK	Wrangell Island	91.54 34	PFAKE	LR	06 59 50.0 +1.4
ABPO	Ambohimpalom	91.74 251	PFAKE	LR	06 59 50.0 +1.2
INK	Inuvik	91.94 22	LR	LR	07 36 41.2
RAYN	Ar Rayn	95.85 293	PFAKE	LR	07 00 10.0 +1.3
GNI	Garni	96.60 310	PFAKE	LR	07 00 10.0 +1.0
NLWA	Neilton Lookou	96.61 43	PFAKE	LR	07 00 10.0 +1.0
M02C	Callahan	97.53 49	P	P	07 00 04.2 -0.1
K02D	Mt. Diablo Mer	97.61 50	P	P	07 00 04.1 -0.7
KIV	Kislovodsk	98.02 314	PFAKE	LR	07 00 20.0 +1.3
M04C	Macdoel	98.27 48	P	P	07 00 06.8 -1.0
O03D	Paynes Creek	98.36 50	P	P	07 00 06.9 -1.2
NVL	N'Azarevskaya	98.40 195	eP	P	07 00 11.8 +4.3
NVL	N'Azarevskaya	98.40 195	eP	P	07 00 11.8 +4.3
HAWA	Hanford	99.64 44	PFAKE	LR	07 00 20.0 +6.4
KBS	Kingsbay	100.48 351	PFAKE	LR	07 00 30.0 +1.3
WVOR	Wild Horse Val	100.61 48	PFAKE	LR	07 00 30.0 +1.2
OBN	Obninsk	100.84 325	PFAKE	LR	07 00 30.0 +1.1

OBN	Obninsk	100.84 325	eP	P	07 00 30.0 +1.1
NEW	Newport	101.08 42	PFAKE	LR	07 00 30.0 +1.0
SNA	Sanae	101.11 191	P	P	07 00 21.3 +1.7
NVAR	Minna Array Bea	101.18 52	P	P	07 00 19.7 -1.2
BMO	Blue Mountains	101.34 45	PFAKE	LR	07 00 30.0 +8.7
KEV	Kevo	101.35 341	PFAKE	LR	07 00 30.0 +9.4
KMBO	Kilima Mbogo	102.96 268	PFAKE	LR	07 00 40.0 +1.1
PFO	Pinyon Flats O	103.03 56	PFAKE	LR	07 00 40.0 +1.1
HLID	Hailey	103.56 46	PFAKE	LR	07 00 40.0 +8.6
BOZ	Bozeman (W)	105.20 44	PFAKE	LR	07 05 00.0
DUG	Dugway, Tooele	105.22 49	PFAKE	LR	07 05 00.0
ANTO	Ankara	105.76 310	PFAKE	LR	07 05 00.0
EGMT	Eggleton	105.98 41	PFAKE	LR	07 05 00.0
AHID	Auburn Hatcher	106.08 47	PFAKE	LR	07 05 10.0
KIEV	Kiev	106.11 322	PFAKE	LR	07 05 10.0
LKWY	Lake	106.25 45	PFAKE	LR	07 05 10.0
RLMT	Red Lodge	106.93 44	PFAKE	LR	07 05 10.0
WUAZ	Wupatki	107.00 54	PFAKE	LR	07 05 10.0
BW06	Boulder Array	107.20 46	PFAKE	LR	07 05 10.0
TUC	Tucson	107.90 57	PFAKE	LR	07 05 10.0
LAO	LASA Array	108.63 42	PFAKE	LR	07 05 10.0
FFC	Fin Flon	108.71 33	PFAKE	LR	07 05 10.0
MVCO	Mesa Verde	109.03 52	PFAKE	LR	07 05 10.0
DGMT	Dagmar	109.45 40	PFAKE	LR	07 05 10.0
MBAR	Mbarara	109.50 268	PFAKE	LR	07 05 10.0
LSZ	Lusaka	110.26 252	PFAKE	LR	07 05 10.0
ISCO	Idaho Springs	110.73 49	PFAKE	LR	07 05 10.0
ANMO	Albuquerque	111.06 54	PFAKE	LR	07 05 20.0
SDCO	Great Sand Dun	111.27 51	PFAKE	LR	07 05 20.0
SUR	Sutherland	112.47 233	PFAKE	LR	07 05 20.0
MNTX	Cornudas Mount	112.53 57	PFAKE	LR	07 05 20.0
OGNE	Ogallala	113.09 47	PFAKE	LR	07 05 20.0
TXAR	Lajitas Array	114.40 60	PKKPbc	PKKPbc	07 15 49.4 -1.0
AGMN	Agassiz Station	114.71 38	PFAKE	LR	07 05 20.0 +1.0
CBKS	Cedar Bluff	115.39 49	PFAKE	LR	07 05 20.0 +7.9
CLL	Collm	115.40 326	ePP	PP	07 06 17.0 +4.3
CLL	Collm	115.40 326	ePS	SS	07 22 06.0 -2.9
CLL	Collm	115.40 326	eSSS	SSS	07 23 00.0
CLL	Collm	115.40 326	e	e	07 26 18.0
CLL	Collm	115.40 326	e	e	07 28 06.0
CLL	Collm	115.40 326	e	e	07 30 42.0
CLL	Collm	115.40 326	e	e	07 57 00.0
ECSD	EROS Data Cent	116.00 43	PFAKE	LR	07 05 20.0 +6.9
WMOK	Wichita Mounta	117.26 53	PFAKE	LR	07 05 30.0 +1.4
JCT	Juncton City	117.46 58	ePKPdf	PKPdf	07 05 14.3 -2.0
JCT	Juncton City	117.46 58	ePKIKP	PKPdf	07 05 14.3 -2.0
EYMN	Ely	117.50 37	PFAKE	LR	07 05 30.0 +1.4
KSU1	Kansas State U	117.62 47	PFAKE	LR	07 05 30.0 +1.4
SCIA	State Center	119.01 43	PFAKE	LR	07 05 30.0 +1.1
TSUM	Tsumeb	119.29 246	PFAKE	LR	07 05 30.0 +1.0
BFO	Black Forest	119.52 325	PFAKE	LR	07 05 30.0 +1.0
KVXT	Kingsville	119.73 60	PFAKE	LR	07 05 30.0 +9.3
COWI	Conover	119.79 38	PFAKE	LR	07 05 30.0 +1.0
R39A	Chumby, Stover	120.51 47	P	PKPdf	07 05 20.0 -1.9
S39A	Bolivar	120.53 48	P	PKPdf	07 05 19.2 -2.7
JFWS	Jewell Farm	120.58 41	PFAKE	LR	07 05 30.0 +8.1
ESK	Eskdalemuir	120.71 337	PFAKE	LR	07 05 30.0 +8.3
Q40A	Laux Farm, Aux	120.95 46	P	PKPdf	07 05 21.5 -1.2
X39A	Fountain Ranch	121.00 52	P	PKPdf	07 05 21.4 -1.6
S40A	Lebanon	121.17 48	P	PKPdf	07 05 20.7 -2.4
O41A	Passleys Farm,	121.35 44	P	PKPdf	07 05 21.6 -1.8

Table with columns: Call Sign, Frequency, Power, Mode, Status, Date/Time, and Name. Includes stations like 60A Yellville, NATX Nacogdoches, MIAR Mount Ida, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Status, Date/Time, and Name. Includes stations like PTGA Pitinga, RCBR Riachuelo, and various amateur radio call signs.

Table with columns: Call Sign, Frequency, Power, Mode, Status, Date/Time, and Name. Includes stations like HORQ Saladito, GBTY Guanantamo Bay, PTBC PUERTO BERRIO, etc.

T47A	Sharon Grove	24.56	3	P	P	06 52 48.8	-1.8
T46A	Princeton	24.59	1	P	P	06 52 49.4	-1.4
T43A	Greenville	24.66	357	P	P	06 52 50.0	-1.5
T42A	Van Buren	24.67	355	eP	P	06 52 50.6	-1.0
T42A	Van Buren	24.67	355	P	P	06 52 50.2	-1.4
MNTX	Cornudas Mount	24.68	324	eP	P	06 52 51.1	-0.7
MNTX	Cornudas Mount	24.68	324	P	P	06 52 51.2	-0.6
T41A	Mountain View	24.74	354	P	P	06 52 51.0	-1.3
CNNO	Cliffs of the Caledonia	24.76	21	eP	P	06 52 51.6	-0.8
T50A	Nancy	24.79	7	P	P	06 52 51.2	-1.5
T49A	Edmonton	24.79	6	eP	P	06 52 51.7	-1.1
T49A	Edmonton	24.79	6	P	P	06 52 51.3	-1.5
T51A	Gray	24.86	9	P	P	06 52 51.9	-1.4
CPRX	Cap Rock	24.87	328	eP	P	06 52 47.4	-6.3
T39A	Cleaver	24.93	351	P	P	06 52 52.9	-1.1
MSTX	Muleshoe	25.09	331	eP	P	06 52 54.6	-1.1
MSTX	Muleshoe	25.09	331	P	P	06 52 54.8	-0.8
T38A	Diamond	25.10	349	P	P	06 52 54.5	-1.0
S43A	Fulton Ridge	25.14	357	P	P	06 52 54.5	-1.4
S47A	Hartford	25.18	3	P	P	06 52 54.5	-1.7
S46A	Don Dixon Farm	25.23	2	P	P	06 52 54.7	-2.0
S44A	Carbondale	25.23	359	P	P	06 52 54.9	-1.8
SIUC	Southern Illin	25.25	359	eP	P	06 52 55.8	-1.1
SMRT	St. Maarten	25.26	74	eP	P	06 52 55.5	-1.6
S41A	Jillico Farms	25.28	354	P	P	06 52 56.0	-1.1
S48A	Wiedeman Farm	25.29	5	P	P	06 52 55.0	-2.2
AMTX	Amarillo	25.37	334	eP	P	06 52 58.0	-0.2
AMTX	Amarillo	25.37	334	P	P	06 52 57.3	-0.8
S40A	Lebanon	25.37	353	P	P	06 52 56.9	-1.1
S42A	Caledonia	25.38	356	P	P	06 52 56.4	-1.7
EPT	El Paso	25.39	322	eP	P	06 52 59.2	+0.8
S49A	Springfield	25.49	6	P	P	06 52 58.0	-1.1
S50A	Richmond	25.49	8	P	P	06 52 57.6	-1.5
USIN	University of	25.51	2	eP	P	06 52 58.7	-0.6
FVM	French Village	25.57	357	eP	P	06 52 59.8	0.0
FVM	French Village	25.57	357	eP	P	06 52 59.8	0.0
S51A	Beattyville	25.57	9	eP	P	06 52 59.0	-0.8
S39A	Bolivar	25.58	351	eP	P	06 52 58.7	-1.1
S39A	Bolivar	25.58	351	P	P	06 52 58.9	-0.9
S38A	Stockton	25.61	350	P	P	06 52 58.9	-1.3
S52A	Galveston	25.69	10	P	P	06 52 59.4	-1.6
CCM	Cathedral Cave	25.70	355	eP	P	06 53 00.7	-0.2
CCM	Cathedral Cave	25.70	355	eP	P	06 53 00.7	-0.2
CCM	Cathedral Cave	25.70	355	P	P	06 52 59.8	-1.1
R46A	Gibson Southern	25.76	2	P	P	06 52 59.8	-1.7
R44A	Waltonville	25.78	359	P	P	06 53 00.1	-1.6
BLA	Blacksburg	25.81	15	eP	P	06 53 01.6	-0.4
BLA	Blacksburg	25.81	15	P	P	06 52 60.0	-2.1
WCI	Wyandotte Cave	25.84	4	eP	P	06 53 01.0	-1.3
WCI	Wyandotte Cave	25.84	4	eP	P	06 53 01.0	-1.3
WCI	Wyandotte Cave	25.84	4	P	P	06 53 00.4	-1.9
R47A	Woolly Knot Farm	25.89	4	P	P	06 53 01.0	-1.7
R41A	Rosebud	25.95	355	P	P	06 53 01.8	-1.4
R49A	Shelbyville	26.00	6	P	P	06 53 02.0	-1.8
R40A	Maddies Statio	26.03	353	eP	P	06 53 02.2	-1.3
R40A	Maddies Statio	26.03	353	P	P	06 53 02.2	-1.8
R48A	Northridge Ran	26.05	5	P	P	06 53 02.0	-2.1
R50A	Paris	26.09	8	P	P	06 53 02.6	-2.0
R39A	Chumby, Stover	26.15	352	P	P	06 53 03.8	-1.3
R38A	Fenwick Farm	26.15	350	P	P	06 53 03.9	-1.1
R51A	Hillsboro	26.22	9	P	P	06 53 04.1	-1.5
OLIL	Oliney	26.27	1	eP	P	06 53 05.5	-0.6
R52A	Cattlettsburg	26.41	11	P	P	06 53 05.7	-1.7
Q45A	Warren Harvey	26.43	1	P	P	06 53 06.1	-1.5
Q44A	Meyer Farm, Va	26.44	359	P	P	06 53 06.0	-1.6
Q43A	New Douglas	26.49	358	P	P	06 53 06.3	-1.8
Q47A	Bedford North L	26.54	4	P	P	06 53 06.7	-1.9
Q48A	North Vernon	26.58	5	P	P	06 53 07.9	-1.1
Q41A	Truxton	26.59	355	P	P	06 53 07.7	-1.3
HSIG	Paris	26.60	312	eP	P	06 53 09.8	+0.6
SRIG	Santa Rosalia	26.68	307	eP	P	06 53 11.3	+1.3
121A	Cookes Peak, D	26.70	322	P	P	06 53 09.8	-0.5
Q40A	Laux Farm, Aux	26.70	354	P	P	06 53 07.9	-2.2
Q49A	Aurora	26.74	6	P	P	06 53 09.1	-1.3
BLO	Bloomington	26.77	4	eP	P	06 53 10.8	+0.2
BLO	Bloomington	26.77	4	eP	P	06 53 10.8	+0.2
NNA	Nana	26.86	154	LR	LR	07 01 56.0	
Q39A	Willow Grove F	26.86	352	P	P	06 53 09.5	-2.0
319A	Douglas	26.86	318	eP	P	06 53 13.3	+1.6
Q38A	Cookes Store, C	26.86	351	P	P	06 53 10.2	-1.2
Q37A	Longview Farm	26.92	350	P	P	06 53 10.4	-1.5
Q51A	Peebles	26.96	9	P	P	06 53 10.8	-1.6

P44A	Sand Creek, Wi	27.00	360	P	P	06 53 11.5	-1.1
P45A	Graceland, Par	27.07	1	P	P	06 53 11.4	-2.0
Q52A	Bidwell	27.09	11	P	P	06 53 12.5	-1.0
P47A	Martinsville	27.10	4	P	P	06 53 11.1	-2.5
P48A	Milroy	27.14	5	P	P	06 53 11.4	-2.5
P42A	Winchester	27.16	357	eP	P	06 53 12.7	-1.5
P42A	Winchester	27.16	357	P	P	06 53 11.8	-2.3
P46A	Rosedale	27.18	2	P	P	06 53 11.8	-2.5
BNN	Barren Site	27.20	326	eP	P	06 53 15.9	+1.1
P40A	Paris	27.23	354	eP	P	06 53 13.3	-1.4
P40A	Paris	27.23	354	P	P	06 53 13.2	-1.6
P39B	Salisbury	27.27	353	P	P	06 53 13.8	-1.4
P49A	Miami Univ. Ec	27.28	7	P	P	06 53 13.0	-2.2
P41A	Barry, Barry	27.29	356	P	P	06 53 13.6	-1.7
LPM	Los Pinos Moun	27.32	326	eP	P	06 53 17.6	+1.7
LENM	Lemitar	27.40	325	eP	P	06 53 17.7	+1.1
PTRD	Partlow Road	27.46	19	eP	P	06 53 16.0	-0.8
PTRD	Partlow Road	27.46	19	eP	P	06 53 16.0	+0.9
P50A	Jamestown	27.47	8	eS	S	06 57 56.1	-1.8
P38A	Dawn	27.50	352	eP	P	06 53 16.4	-0.9
P38A	Dawn	27.50	352	P	P	06 53 15.6	-1.6
KSU1	Kansas State U	27.57	346	eP	P	06 53 16.2	-1.6
KSU1	Kansas State U	27.57	346	P	P	06 53 15.8	-2.0
P37A	Lathrop	27.59	350	P	P	06 53 16.5	-1.5
CBN	Corbin Frederi	27.62	19	eP	P	06 53 18.3	+0.1
LAZ	Ladron	27.67	326	eP	P	06 53 19.4	+0.3
O44A	Mansfield	27.68	0	P	P	06 53 16.7	-2.1
ANMO	Albuquerque	27.71	327	P	P	06 53 20.0	+0.6
ANMO	Albuquerque	27.71	327	eP	P	06 53 20.0	+0.6
ANMO	Albuquerque	27.71	327	eP	P	06 53 20.0	+0.6
O41A	Passleys Farm	27.72	356	P	P	06 53 17.2	-1.9
P53A	Whipple	27.76	12	P	P	06 53 17.6	-1.9
O45A	Potomac	27.79	1	P	P	06 53 18.1	-1.6
O40A	La Belle	27.80	355	P	P	06 53 18.3	-1.5
O43A	Sugar Creek Fa	27.82	359	P	P	06 53 18.1	-1.9
O47A	Sheridan	27.85	4	P	P	06 53 18.1	-2.2
SFIN	Lafayette	27.94	2	eP	P	06 53 20.7	-0.4
SFIN	Lafayette	27.94	2	P	P	06 53 19.1	-2.0
O48A	Farmland	27.95	6	P	P	06 53 18.7	-2.5
O49A	Covington	27.97	7	P	P	06 53 18.5	-2.9
O38A	Galt	27.98	352	P	P	06 53 19.0	-2.5
O39A	Kirkville	28.00	354	P	P	06 53 20.0	-1.7
O50A	Cable	28.02	8	P	P	06 53 20.0	-1.9
HDIL	Hopedale	28.09	359	P	P	06 53 20.4	-2.1
O37A	Wolfen Farm, M	28.13	351	P	P	06 53 20.8	-2.0
CBKS	Cedar Bluff	28.14	341	eP	P	06 53 22.6	-0.4
CBKS	Cedar Bluff	28.14	341	eP	P	06 53 22.6	-0.4
CBKS	Cedar Bluff	28.14	341	eP	P	06 53 22.2	-0.8
O51A	Pataskala	28.18	10	P	P	06 53 21.6	-1.7
ACSO	Alum Creek Sta	28.20	9	eP	P	06 53 22.1	-1.3
MCWV	Mont Chateau	28.27	14	P	P	06 53 22.1	-2.0
O52A	Adamsville	28.28	11	P	P	06 53 22.5	-1.7
N41A	Harden Midland	28.31	356	eP	P	06 53 24.6	+0.2
N41A	Harden Midland	28.31	356	P	P	06 53 21.7	-2.7
N44A	Piper City	28.33	1	P	P	06 53 22.0	-2.6
N45A	Kentland	28.39	2	P	P	06 53 22.4	-2.8
TUC	Tucson	28.44	318	eP	P	06 53 27.6	+1.9
TUC	Tucson	28.44	318	eP	P	06 53 27.7	+1.9
T25A	Trinidad	28.46	333	eP	P	06 53 27.1	+1.0
T25A	Trinidad	28.46	333	P	P	06 53 26.6	+0.5
N46A	Montello	28.47	3	P	P	06 53 23.7	-2.1
N39A	Derby Farms, D	28.61	354	eP	P	06 53 26.1	-1.1
N39A	Derby Farms, D	28.61	354	P	P	06 53 25.6	-1.5
N38A	Joos South For	28.61	353	P	P	06 53 25.6	-1.5
N37A	Lee Faris, Mou	28.71	351	eP	P	06 53 26.9	-1.1
N37A	Lee Faris, Mou	28.71	351	P	P	06 53 25.5	-2.5
M44A	Midewin, Midew	28.92	1	P	P	06 53 27.4	-2.4
M43A	Waltham Townsh	28.97	359	P	P	06 53 28.8	-1.4
M40A	Post Highland	29.05	355	P	P	06 53 29.2	-1.8
M39A	Webster	29.18	354	P	P	06 53 30.7	-1.4
KSCO	Kaye Shedlock	29.32	337	eP	P	06 53 33.8	+0.2
KSCO	Kaye Shedlock	29.32	337	P	P	06 53 33.3	-0.3
X18A	Snowflake	29.38	322	eP	P	06 53 35.1	+0.9
SDCO	Great Sand Dun	29.45	332	eP	P	06 53 35.7	+0.8
SDCO	Great Sand Dun	29.45	332	P	P	06 53 35.1	+0.1
N54A	Moraine State	29.48	13	eP	P	06 53 35.1	+0.3
N54A	Moraine State	29.48	13	P	P	06 53 34.3	-0.5
L42A	Oliver, Polo	29.55	358	eP	P	06 53 34.5	-0.8
L42A	Oliver, Polo	29.55	358	P	P	06 53 34.0	-1.4
214A	Organ Pipe Nat	29.59	315	P	P	06 53 34.6	-1.4
L41A	Preston	29.65	357	P	P	06 53 34.3	-2.0
L47A	Sherwood	29.65	5	P	P	06 53 34.6	-1.7
W18A	Petrified Fore	29.66	323	eP	P	06 53 37.3	+0.6
PAGS	Pennsylvania G	29.67	19	eP	P	06 53 36.2	-0.2
L40A	Anamosa	29.68	356	eP	P	06 53 35.8	-0.7

L40A	Anamosa	29.68	356	eS	S	06 58 29.1	-1.3
L40A	Anamosa	29.68	356	P	P	06 53 35.3	-1.3
SSPA	Standing Stone	29.70	17	eP	P	06 53 34.0	-2.8
SCIA	State Center	29.71	353	eP	P	06 53 36.0	-0.8

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like SWSC Sam W. Stewart, N23A Red Feather La, H39A Augusta, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like CTU Camp Tracy, TPNV Topopah Spring, LPAZ La Paz, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like PNTR Pine Nut, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

K05A	Summer Lake	82.27	39	eP	P	07 21 28.6	+1.4
H04D	Lebanon	82.31	37	P	P	07 21 28.2	+1.1
SHPR	Sheep Range	82.41	47	eP	P	07 21 29.5	+1.5
J05D	Fort Rock, OR	82.41	38	P	P	07 21 29.1	+1.3
G03D	McMinnville, O	82.45	36	P	P	07 21 29.0	+1.2
W13A	Hualapai Mount	82.55	48	eP	P	07 21 30.1	+1.2
Y14A	Wickenburg	82.58	50	eP	P	07 21 30.0	+1.1
H04A	Detroit Lake	82.72	37	eP	P	07 21 29.8	+0.6
PINE	Pine Mountain	82.89	38	eP	P	07 21 31.7	+1.4
I05D	Terrebonne, OR	82.99	37	P	P	07 21 31.5	+0.9
BRLL	Bradley Lake	83.06	14	eP	P	07 21 30.6	0.0
R11A	Troy Canyon, C	83.11	45	eP	P	07 21 31.9	+0.3
R11A	Troy Canyon, C	83.11	45	P	P	07 21 32.0	+0.5
E03A	Lebam	83.13	35	eP	P	07 21 32.6	+1.5
BMN	Battle Mountain	83.19	42	eP	P	07 21 32.5	+0.6
TUC	Tucson	83.39	52	eP	P	07 21 34.7	+1.6
TUC	Tucson	83.39	52	P	P	07 21 34.6	+1.6
TUC	Tucson	83.39	52	P	P	07 21 34.6	+1.6
WVOR	Wild Horse Val	83.45	40	eP	P	07 21 33.4	+0.3
WVOR	Wild Horse Val	83.45	40	eP	P	07 21 33.4	+0.3
NLWA	Neilton Lookou	83.50	34	eP	P	07 21 34.6	+1.5
MA2	Magadan	83.56	345	P	P	07 21 32.2	-0.8
E04D	Cinebar	83.67	35	P	P	07 21 35.0	+1.2
X16A	Lo Mia Camp, P	83.94	50	eP	P	07 21 37.2	+1.5
D04D	Lakebay	83.95	35	P	P	07 21 36.6	+1.4
LCMT	Little Creek M	83.98	47	eP	P	07 21 36.9	+1.1
D03D	Eldon	84.00	34	P	P	07 21 36.6	+1.1
319A	Douglas	84.07	54	eP	P	07 21 38.5	+2.2
J08A	Circle Bar Ran	84.08	39	eP	P	07 21 37.0	+0.9
CCUT	Cedar City	84.18	47	eP	P	07 21 38.1	+1.2
KNB	Kanab	84.28	47	eP	P	07 21 38.5	+1.2
KNB	Kanab	84.28	47	eP	P	07 21 38.5	+1.2
U15A	North Rim	84.35	48	eP	P	07 21 39.2	+1.4
PSUT	Pine Springs	84.36	45	eP	P	07 21 38.4	+0.7
D05A	Enumclaw	84.37	35	eP	P	07 21 39.0	+1.7
SZCU	Shurtz Canyon	84.39	47	eP	P	07 21 39.3	+1.4
WUAZ	Wupatki	84.54	49	eP	P	07 21 40.0	+1.4
WUAZ	Wupatki	84.54	49	P	P	07 21 39.5	+0.9
PKCU	Pink Cliffs	84.84	47	eP	P	07 21 42.4	+2.1
HPIG	comp=Z, 7.7nm, 1.0s	84.89	59	eP	P	07 21 41.3	+0.7
G08A	Pilot Rock	84.92	38	eP	P	07 21 41.1	+0.9
A04D	Lummi Island	84.95	33	P	P	07 21 41.1	+1.1
B05A	Bryant	84.98	34	P	P	07 21 41.0	+0.8
X18A	Snowflake	85.08	51	eP	P	07 21 42.8	+1.5
MTPU	Mount Pierson	85.23	47	eP	P	07 21 43.8	+1.6
HAWA	Hanford	85.24	37	eP	P	07 21 42.8	+1.3
BJI	Beijing	85.43	316	iP	P	07 21 42.9	+0.3
DIV	Divide	85.47	15	eP	P	07 21 42.3	-0.1
MSU	Marysville	85.48	46	eP	P	07 21 44.8	+1.6
ENH	Enshi	85.52	304	P	P	07 21 44.0	+0.8
E08A	Dider Farm, El	85.56	37	eP	P	07 21 44.2	+1.2
BMO	Blue Mountains	85.62	39	eP	P	07 21 44.0	+0.5
BMRM	Bremner River	85.62	16	eP	P	07 21 43.2	+0.1
SCM	Sheep Creek Mo	85.71	14	eP	P	07 21 43.6	+0.1
SCM	Sheep Creek Mo	85.71	14	eP	P	07 21 43.6	+0.1
MFID	Camas Ranch	85.71	41	eP	P	07 21 44.8	+0.7
121A	Cookes Peak, D	85.74	53	P	P	07 21 45.8	+1.3
KLU	Klutina	85.75	15	eP	P	07 21 44.2	+0.5
WRAK	Wrangell Island	85.88	24	eP	P	07 21 45.5	+1.1
D08A	Wollman Farm,	85.97	36	eP	P	07 21 46.0	+1.0
E09A	Wood Farm, Sta	86.09	37	eP	P	07 21 46.3	+0.7
GYA	Guyang	86.11	300	eP	P	07 21 47.5	+1.2
GYA	comp=Z, 3.3nm, 0.7s	86.17	347	P	P	07 24 51.0	-0.3
GYA	comp=Z, 3.3nm, 0.7s	86.17	347	P	P	07 24 51.0	-0.3
GYA	comp=Z, 3.3nm, 0.7s	86.17	347	P	P	07 24 51.0	-0.3
GYA	comp=Z, 3.3nm, 0.7s	86.17	347	P	P	07 24 51.0	-0.3
GYA	comp=Z, 3.3nm, 0.7s	86.17	347	P	P	07 24 51.0	-0.3
CAST	Castle Rocks	86.12	12	eP	P	07 21 44.0	-1.4
SEY	Seymchan	86.17	347	P	P	07 21 45.3	-0.3
SEY	Seymchan	86.17	347	P	P	07 21 44.9	-0.7
KTH	Kantishna Hill	86.47	12	eP	P	07 21 45.8	-1.2
TRF	Thorofare Moun	86.52	12	eP	P	07 21 46.2	-1.2
B08A	Colville Reser	86.51	35	eP	P	07 21 47.5	0.0
TMUT	Trail Mountain	86.52	46	eP	P	07 21 49.5	+1.3
LLBL	Lillooet	86.54	32	eP	P	07 21 48.3	+0.6
MPU	Maple Canyon	86.60	45	eP	P	07 21 49.5	+1.1
HLID	Halley	86.65	41	eP	P	07 21 49.5	+1.0
HLID	Halley	86.65	41	P	P	07 21 49.7	+1.1
SVO	Syowa Base	86.67	193	iP	P	07 21 47.0	-1.0
HVU	Hanse Valley	86.75	43	eP	P	07 21 50.1	+1.0
RND	Reindeer	86.76	13	eP	P	07 21 47.8	-0.6
RND	Reindeer	86.76	13	eP	P	07 21 47.8	-0.6
SRU	San Rafael Swe	86.89	46	eP	P	07 21 50.8	+1.0
BPWA	Bear Paw Mtn,	86.95	12	eP	P	07 21 48.2	-1.0
JLU	Jordanelle	87.01	45	eP	P	07 21 51.4	+1.0

MCK	McKinley	87.03	13	eP	P	07 21 47.9	-1.7
MCK	McKinley	87.03	13	eP	P	07 21 47.9	-1.7
PBKT	Sadao Pong	87.05	289	eP	P	07 21 52.4	+1.7
PBKT	Sadao Pong	87.05	289	P	P	07 21 52.8	+2.1
MNTX	Cornudas Mount	87.19	55	eP	P	07 21 52.3	+1.1
MNTX	Cornudas Mount	87.19	55	P	P	07 21 52.2	+1.0
TCUT	Toone Canyon	87.30	44	eP	P	07 21 53.0	+1.3
BNM	Barren Site	87.33	52	eP	P	07 21 53.2	+1.1
P18A	Preston Nutter	87.33	46	eP	P	07 21 53.0	+0.9
MVCO	Mesa Verde	87.38	49	P	P	07 21 52.7	+0.5
LPM	Los Pinos Moun	87.40	52	eP	P	07 21 53.4	+1.1
TX31	Lajitas Ar. Si	87.51	58	eP	P	07 21 54.1	+1.3
TXAR	Lajitas Array	87.51	58	P	P	07 21 54.0	+1.2
PV09	Paradox Valley	87.55	47	eP	P	07 21 54.1	+1.1
PV10	Paradox Valley	87.56	48	eP	P	07 21 53.5	+0.5
PV19	Morning Glory	87.56	48	eP	P	07 21 54.5	+1.5
PV14	Lion Creek, Pa	87.57	48	eP	P	07 21 53.8	+0.7
PV17	East Wray Mesa	87.57	48	eP	P	07 21 53.6	+0.6
PV13	Radium Mtn., P	87.61	48	eP	P	07 21 53.9	+0.7
XAN	XTan	87.62	200	P	P	07 21 54.0	+0.8
XAN	comp=Z, 1.7nm, 0.8s	87.62	200	P	P	07 21 54.0	+0.8
PV03	Paradox Valley	87.63	48	eP	P	07 21 53.9	+0.6
PV11	David Mesa, Pa	87.64	48	eP	P	07 21 55.3	+2.0
NEW	Newport	87.66	36	P	P	07 21 52.9	-0.1
NEW	Newport	87.66	36	P	P	07 21 53.4	+0.4
NEW	Newport	87.66	36	eP	P	07 21 53.4	+0.4
NEW	Newport	87.66	36	P	P	07 21 53.2	+0.2
PV21	Cone Mtn., Par	87.69	47	eP	P	07 21 54.6	+1.0
PV12	Saucer Basin	87.69	48	eP	P	07 21 54.5	+0.9
PV01	Paradox Valley	87.77	48	eP	P	07 21 54.6	+0.6
PHIT	Phitsanulok	87.77	289	P	P	07 21 56.8	+2.7
PV22	Blue Mesa, Par	87.81	47	eP	P	07 21 55.1	+1.0
ANMO	Albuquerque	87.81	51	P	P	07 21 55.1	+0.9
ANMO	Albuquerque	87.81	51	P	P	07 21 54.8	+0.6
ANMO	Albuquerque	87.81	51	P	P	07 21 54.8	+0.6
WRH	Wood River Hill	87.86	13	eP	P	07 21 52.7	-0.7
RIDG	Independen's Rid	87.94	14	eP	P	07 21 53.6	-0.3
HDA	Harding Lake	88.04	13	eP	P	07 21 53.7	-0.7
CCB	Clear Creek Bu	88.07	13	eP	P	07 21 53.4	-1.0
SNAA	Sanae	88.10	179	P	P	07 21 54.2	-0.6
GD1L	Guadalupe Moun	88.18	55	eP	P	07 21 57.4	+1.5
IM3	Utian Mountai	88.18	10	eP	P	07 21 54.8	+0.5
DLBC	Dease Lake	88.21	23	eP	P	07 21 56.0	+0.7
DLBC	Dease Lake	88.21	23	eP	P	07 21 56.3	+1.0
VNA3	Neuayer Olymp	88.25	176	P	P	07 21 55.1	-0.3
MDM	Murphy Dome	88.26	12	eP	P	07 21 54.2	-1.2
MCHT	McKenzie Canyo	88.28	40	eP	P	07 21 57.2	+1.0
HIA	Hailar	88.30	325	iP	P	07 21 55.6	-0.3
AHID	Auburn Hatcher	88.32	43	eP	P	07 21 57.4	+1.0
SCRK	Sand Creek	88.34	15	eP	P	07 21 55.9	+0.1
IL1	Eielson Array	88.37	13	eP	P	07 21 53.1	-2.8
ILAR	Eielson Array	88.37	13	eP	P	07 21 54.8	-1.1
ILAR	comp=Z, 1.0nm, 0.8s, baz=227, slow=5.6, SNR=78	88.37	13	eP	P	07 25 38.0	+2.9
ILAR	comp=Z, 1.2nm, 0.8s, baz=225, slow=7.9, SNR=5.7	88.37	13	eP	P	07 26 51.3	-1.1
ILB	Eielson Array	88.37	13	eP	P	07 21 54.9	-0.9
PHRA	Phra	88.42	20	eP	P	07 21 58.9	+1.7
MISO	Missoula	88.67	38	eP	P	07 21 58.0	+0.1
MISO	Missoula	88.67	38	P	P	07 21 58.0	+0.1
VNA2	Neuayer-Watz	88.69	177	P	P	07 21 57.0	-0.5
DLMT	Dillon	88.70	40	eP	P	07 21 58.9	+0.8
REDW	Red Top Meadow	88.77	42	eP	P	07 21 58.4	-0.2
TPAW	Teton Pass	88.78	42	eP	P	07 21 58.8	+0.2
KMI	Kunming	88.80	297	P	P	07 22 00.6	+1.5
KMI	comp=Z, 1.4nm, 0.5s	88.80	297	P	P	07 21 59.4	+0.7
FXWY	Fox Creek	88.80	42	eP	P	07 21 59.4	+0.7
S22A	4UR Ranch, Cre	88.81	49	eP	P	07 21 59.1	+0.2
S22A	4UR Ranch, Cre	88.81	49	eP	P	07 21 59.7	+0.8
HHC	Hu-ho-hao-te	88.89	315	eP	P	07 21 58.2	-0.8
HHC	comp=Z, 2.3nm, 0.5s	88.89	315	eP	P	07 21 60.0	+0.9
SNOW	Snow King Moun	88.89	42	eP	P	07 21 60.0	+0.9
O20A	White River Ci	88.93	46	eP	P	07 21 59.9	+0.5
O20A	White River Ci	88.93	46	P	P	07 21 59.7	+0.4
IMW	Indian Meadow	88.98	42	eP	P	07 21 59.8	+0.2
LRM	Limestone Ridge	89.03	40	eP	P	07 22 00.4	+0.7
MOOW	Moose Ponds	89.03	42	eP	P	07 22 00.7	+1.0
LOHW	Long Hollow	89.05	42	eP	P	07 22 00.5	+0.7
LNIG	Linara	89.14	63	eP	P	07 22 00.5	+0.1
QLMT	Earthquake Lak	89.15	41	eP	P	07 22 02.0	+1.7
FLWY	Flagg Ranch	89.23	42	eP	P	07 22 02.1	+1.5
YHB	Hot Butte	89.25	41	eP	P	07 22 02.4	+1.7
YPP	Pitchstone Pla	89.25	42	eP	P	07 22 02.9	+2.1
BW06	Boulder Array	89.31	43	eP	P	07 22 01.2	+0.1
BW06	Boulder Array	89.31	43	eP	P	07 22 01.2	+0.1
PD31	Pinedale Array	89.31	43	eP	P	07 22 01.1	+0.1
PDAR	Pinedale Array	8					

6d 8h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ESY Stoneypath, SORM Soroca, ESK Eskdalemuir, etc.

2012 SEP

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TOROD Torodi Arr, TOROD Torodi Arr, TOROD Torodi Arr, etc.

390

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SDV Santo Domingo, TOROD Torodi Arr, WRA Warramunga Arr, etc.

IDC 06 08:56:07.5:8.1,7.61S:128.29E,h137km,86km,mb3.3/1, mb1 3.1/4,mb1mx3.0/3,mbtmp3.5/4, Error ellipse: s-maj=77.0km s-min=25.1km az=35.0, Banda Sea

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

IDC 06 09:02:14.8:2.1,26.92N-143.80E,h0km,mb3.5/3, mb1 3.8/4,mb1mx3.5/4,mbtmp3.6/4,ML4.0/1,MS3.6/2, Ms1 3.6/2,ms1mx2.6/42, Error ellipse: s-maj=47.6km s-min=27.6km az=76.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, KLR Kuf'dur, DAV Davao City (W), WRA Warramunga Arr, MKAR Makanchi Array, YKA Yellowknife Arr.

UCR 06 09:07:09.6:2.1,9:80N-85:45W,h7km,MD4.2, mb4.4(NC)

IDC 06 09:07:11.4:2.6,10:05N-85:49W,h35km,17km,mb4.1/12, mb1 4.4/14,mb1mx4.1/37,mbtmp4.3/14,ML4.0/2,MS4.5/24, Ms1 4.5/24,ms1mx4.4/38, Error ellipse: s-maj=30.6km s-min=15.5km az=41.0

ISCBJ 06 09:07:12.0:0.2,10:19N:0:03:85:33W:0.02,h50km, mb4.6/234,MS4.5/21, Error ellipse: s-maj=4.1km s-min=2.7km az=24.1

NEIC 06 09:07:12.1:0.3,10:11N:85:34W,h35km,mb4.6/227, Error ellipse: s-maj=6.4km s-min=4.7km az=188.0

NEIC Felt in the Liberia-Nicoya area.

GCMT 06 09:07:15.0:0.2,9:69N:0:1:85:60W:0.01,h20km, Mw5.2/98,Moment Tensor Solution, s74,c119; s98,c188; Duration: 180; Moment tensor: Scale 10^16Nm; Ms=5.83; 17; Mw=5.22; 12; Ms=0.61; 12; Ms=4.0; 23; Ms=2.51; 08; Ms=2.66; 23; Best double couple: 0.3792000/1016 NP1:119.00000,665.00000; 7.95.00000; NP2:288.00000,825.00000,7.80.00000;

Principal axes: T 7.7390, Plg69.0000; Azm38.0000; N 0.4390, Plg4.0000; Azm297.0000; P -8.1850, Plg29.0000; Azm205.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Surface wave location Triangular moment-rate function

ISC 06 09:07:14.1:0.9,9.98N:106:85:37W:0.06,h80km,7km, 1795, s1=60/774,mb4.6/234,4C-2D,Off coast of Costa Rica

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including JTS JuntasAbangare, CUI Cuipilapa, GUAB Guayabo de Bag, MESS Mesas, PACM Arenal, CEDE Laguna Cede-o, FORC Fortuna, SRA1 San Ramon, HDG Heredia, URSO Urasca, VTR0 Volcan Turrial, CVTR Volcan Turrial, CONN Concepcion, EDDO Dominical, EDLM Las Mercedes, MASN Masaya, EDPN Palmar Norte, ESPN Las Esperanzas, APYN Apoyeque, CNGN Cerro Negro, BRAN Las Placetas, MATN Matagalpa, ESTN Estel, PRVC Isla de Provid, LBRS Las Brisas, BOQS Boqueron, BCIP Isla Barro Col, UPV Univ. de Panam, APG El Apazote, CAPC Capurgana, CCIG Comitán, DBBC Dabeiba, MOC Monteria, Cord, UREC San Jose de U, FRKY Frank Sound, HELC Santa Helena, ZARC Zaragoza, Cauc, CBCY The Bluff, Cay, MTJD Mount Denham, BEBJ Bambuco, Saint A, STH Stony Hill, GWJ Greenwich, CMIG Matias Romero, SOTA Rioblanco, MYIG Moravia, OTAV Otavalo, OTAV Otavalo, PROS El Rosal, PRAD Prado, BARC Barichara, CHIC Chingaza, PAMC Pampolina, Colo, RUSC La Rusia, WILC Villavieja, URIC Uribia, Colomb, GTBY Guantamano Bay, SDV Santo Domingo, SDV Santo Domingo.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including TLIG Tiapa, UNM Universidad Na, 061Z Ochoppi, 059Z Ave Maria, 060Z West Palm Bcaz, 058A Arcadia, 059A Moore Haven, 059A Moore Haven, 060A Indiantown, 058A Wauchula, 957A Wimauma, 959A Okeechobee, JRQG Juriquilla Cam, MOIG Morelia, ATAH Atahualpa, ATAH Atahualpa, DWPF Disney Wildern, 857A Zephyrhills, 859A Kemper Cattle, 858A St. Cloud, 757A Oxford, 758A Lake Helen, 656A Williston, 656A Williston, 655A Horseshoe Beac, 658A Bunnell, 657A Interlachen, 645A Chauvin, LNIG Linaras, 552A Lynn Haven, 554A Perry, 556A Lake Butler, 553A Crawfordville, 555A McAlpin, 557A Orange Park, SJG San Juan, SJG San Juan, PCRV Puerto La Cruz, PCRV Puerto La Cruz, 546A Slidell, 454A Quilman, 544A White Castle, 449A Pace, 450A Crestview, 452A Marianna, 455A Stateville, 453A Whigham, 457A Zatecas, ZAIG Yulee, 456A Hilliard, 447A Lucedale, 448A Bay Mette, 446A Poplarville, 542A Morse, BRAL Brewton, 445A Amite, 351A Pinckard, 454A Pine Grove, 541A Lake Charles, 353A Camilla, 349A Repton, 350A Dozier, 355A Pearson, 352A Blakely, 352A Blakely, TIGA Tifton, 356A Blackshear, 348A Jackson, 347A Saraland, 443A Delano Plantat, 346A Big Creek Wild, 346A Big Creek Wild, 442A Mamou, 355A Thompson Farm, 250A Grady, 250A Grady, 441A DeRidder, 252A Lumpkin, 344A Westbrook Farm, 344A Westbrook Farm, 254A Abbeville, 249A Camden, 255A Hazlehurst.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including 255A Hazlehurst, 253A Americus, 253A Americus, 251A Midway, 248A Dixon Mills, 256A Glennville, HKT Hootkey, 247A Quitman, 246A Jackson Lee, B, 342A Flagon Creek P, 342A Flagon Creek P, 257A Skidaway Islan, 257A Skidaway Islan, 245A Little AP, Sta, 151A Opelika, 341A Kurthwood, 341A Kurthwood, 244A Avery, Jackson, 833A Chaparral WMA, 833A Chaparral WMA, 243A Waterproof, 150A Eclectic, 149A Jones, 152A Waverly Hall, 152A Waverly Hall, 153A Fort Valley, 154A Montrose, 154A Montrose, VBMS Vicksburg, VBMS Vicksburg, 148A Greensboro, 155A Kite, 147A Livingston, 147A Livingston, 146A Union, 156A Sylvania, 242A Houston, 145A Grayson Renfro, LRAL Lakeview Retre, LRAL Lakeview Retre, 144A Alexander Plac, 241A Mo Tay, Golden, 241A Mo Tay, Golden, Z52A Williamson, Z49A Columbiana, Z50A Ashland, Z50A Ashland, Z51A Franklin, 247A Carrollton, Z53A Monticello, Z54A Sparta, 245A Monroe, 240A Hunter Patters, 143A Soes Landing, 143A Soes Landing, Z55A Blythe, NATX Nacogdoches, NATX Nacogdoches, Z46A Louisville, Z48A Northport, GOGA Godfrey, GOGA Godfrey, NNA Nana, NHSC New Hope, NHSC New Hope, 141A Papa Simpson, 435B Jarrell, 435B Jarrell, Z45A Winona, Z45A Winona, Z44A Armstrong Fami, Z43A Armstrong Fami, Y49A Blount Mountai, Y49A Blount Mountai, 140A Cam and Jess, 140A Cam and Jess, Y50A Piedmont, Y52A Libburn, Y52A Libburn, Y51A Rockman, Y53A Monroe, Y48A Jasper, Y54A Tignall.

Y47A	UCPARC, Winfie baz=174,SNR=18	23.92 355	P	P	09 12 21.2	-1.2	HBAR	baz=164 Harrisburg 34nm,0.8s	25.91 350	eP	P	09 12 38.1	-2.3	R47A	Wooly Knot Far baz=178	28.21 358	P	P	09 12 59.4	-1.6
Z42A	Norrel Spur, H baz=164	23.96 346	P	P	09 12 21.3	-1.4	WHAR	Wooly Hollow 18nm,0.8s	25.97 347	eP	P	09 12 39.7	-1.3	S40A	Lebanon baz=165	28.24 348	P	P	09 12 58.9	-2.4
Y46A	Housto baz=171,SNR=24	24.00 353	P	P	09 12 22.2	-1.0	CNCC	Cliffs of the 15nm,0.6s	26.05 14	eP	P	09 12 41.8	+0.1	R51A	Hillsboro baz=184,SNR=7.4	28.24 3	P	P	09 12 59.9	-1.5
Y45A	Yeager Farm, C baz=170,SNR=20	24.08 351	P	P	09 12 22.7	-1.1	CNCC	Cliffs of the 15nm,0.6s	26.05 14	P	P	09 12 42.0	+0.3	R48A	Northridge Ran baz=179	28.30 359	P	P	09 13 00.3	-1.5
Z41A	Richland Creek 21nm,1.0s	24.16 345	eP	P	09 12 22.9	-1.5	V44A	Blytheville baz=170	26.06 352	P	P	09 12 40.3	-1.5	R45A	Skylar, Fairir baz=174	28.31 355	P	P	09 13 00.1	-1.9
Z41A	Richland Creek baz=162	24.16 345	P	P	09 12 22.8	-1.7	W40A	Ferguson Farm, 18nm,0.9s	26.06 346	eP	P	09 12 40.1	-1.7	R52A	Cattletsburg baz=186	28.34 5	P	P	09 13 00.9	-1.3
Y44A	Strider, Charl baz=168,SNR=9.2	24.28 350	P	P	09 12 24.5	-1.1	W40A	Ferguson Farm, baz=162	26.06 346	P	P	09 12 40.1	-1.7	R44A	Waltonville baz=172	28.34 354	P	P	09 13 00.4	-1.8
HODGE	Hodges 5.5nm,0.8s	24.31 6	eP	P	09 12 25.8	0.0	HALT	Halls 40nm,0.6s	26.07 353	eP	P	09 12 40.8	-1.0	CCM	Cathedral Cave 14nm,0.8s	28.45 350	eP	P	09 13 01.3	-1.9
Z40A	Long Farm, Mag baz=160	24.32 343	P	P	09 12 24.5	-1.5	ABTX	Abilene, Hawle 22nm,1.1s	26.11 332	eP	P	09 12 42.5	+0.3	CCM	Cathedral Cave baz=166	28.45 350	P	P	09 13 01.5	-1.7
Y43A	MaKayla and Ka baz=167	24.36 349	P	P	09 12 24.4	-1.9	ABTX	Abilene, Hawle baz=146	26.11 332	P	P	09 12 40.6	-1.6	R43A	Red Bud baz=170	28.47 352	P	P	09 13 01.2	-2.1
X50B	Fort Payne baz=179,SNR=9.8	24.37 359	P	P	09 12 25.7	-0.8	WVT	Waverly 12nm,0.6s	26.13 355	eP	P	09 12 40.8	-1.6	MNTX	Cornudas Mount 17nm,1.5s	28.48 322	eP	P	09 13 02.3	-1.2
X48A	Hartselle 28nm,1.0s	24.41 357	eP	P	09 12 26.1	-0.7	WVT	Waverly baz=174	26.13 355	P	P	09 12 40.1	-2.3	MNTX	Cornudas Mount baz=135	28.48 322	P	P	09 13 01.8	-1.7
X48A	Hartselle baz=176,SNR=11	24.41 357	P	P	09 12 25.3	-1.4	GNAR	Gosnell 30nm,1.1s	26.21 351	eP	P	09 12 41.4	-1.7	S39A	Bolivar 6.8nm,0.9s	28.51 347	eP	P	09 13 02.3	-1.4
JCT	Junction City 15nm,0.8s	24.43 329	eP	P	09 12 25.2	-1.9	W39A	Magazine 16nm,0.8s	26.25 344	eP	P	09 12 42.2	-1.3	S39A	Bolivar baz=163,SNR=6.1	28.51 347	P	P	09 13 01.5	-2.2
JCT	Junction City baz=144,SNR=7.4	24.43 329	P	P	09 12 25.5	-1.6	W39A	Magazine baz=161,SNR=11	26.25 344	P	P	09 12 42.0	-1.5	S38A	Stockton baz=162	28.51 346	P	P	09 13 01.5	-2.9
X49A	Woodville baz=178,SNR=29	24.43 358	P	P	09 12 26.5	-0.6	V42A	Cottleville baz=166	26.29 349	P	P	09 12 42.8	-1.1	R41A	Rosebud baz=162	28.71 350	P	P	09 13 03.4	-2.1
Y42A	Garnett, Star baz=164	24.46 347	P	P	09 12 26.1	-1.1	U51A	La Follette baz=183	26.31 2	P	P	09 12 43.3	-0.8	MSTX	Muleshoe 4.9nm,0.8s	28.73 329	eP	P	09 13 05.6	-0.2
X51A	Calhoun 35nm,0.9s	24.48 1	eP	P	09 12 26.9	-0.5	U50A	Jamestown baz=184	26.32 1	P	P	09 12 43.2	-1.0	OLIL	Olney 37nm,1.0s	28.74 356	eP	P	09 13 04.4	-1.3
X51A	Calhoun baz=181,SNR=5.6	24.48 1	P	P	09 12 26.3	-1.1	U52A	Thorn Hill baz=184	26.36 4	P	P	09 12 43.7	-0.8	Q50A	Georgetown baz=183	28.77 2	P	P	09 13 04.5	-1.5
JSC	Jenkinsville 13nm,0.7s	24.48 8	eP	P	09 12 27.7	+0.4	U46A	Springville baz=176,SNR=6.8	26.38 355	P	P	09 12 42.8	-1.9	Q48A	North Vernon baz=179	28.83 359	P	P	09 13 04.6	-1.9
X53A	Estanolee baz=185	24.48 4	P	P	09 12 27.1	-0.3	U53A	Fall Branch baz=186,SNR=8.1	26.39 5	P	P	09 12 44.1	-0.7	Q47A	Bedford North L baz=178	28.85 358	P	P	09 13 05.0	-1.7
X47A	Russellville 36nm,1.1s	24.53 355	P	P	09 12 26.9	-1.0	U47A	Clarksville baz=176	26.40 357	P	P	09 12 43.3	-1.6	R40A	Maddies Statio 6.6nm,1.0s	28.86 349	eP	P	09 13 05.7	-1.1
CCAR	Cane Creek 36nm,1.1s	24.54 347	eP	P	09 12 26.7	-1.3	U49A	Red Boiling Sp baz=179,SNR=7.3	26.42 359	P	P	09 12 43.9	-1.1	R40A	Maddies Statio baz=166	28.86 349	P	P	09 13 03.8	-3.0
X52A	Dahlonega baz=183,SNR=6.5	24.55 3	P	P	09 12 27.2	-0.9	V41A	Mountainview baz=165,SNR=8.9	26.42 348	P	P	09 12 42.8	-2.3	PTRD	Partlow Road 15nm,0.9s	28.87 13	eP	P	09 13 07.4	+0.5
WHTX	Lake Whitney, 25nm,0.9s	24.60 335	eP	P	09 12 28.7	+0.1	U45A	Rocky P Farm, baz=172	26.43 354	P	P	09 12 43.8	-1.3	Q45A	Warren Harvey, baz=174	28.90 355	P	P	09 13 05.5	-1.6
WHTX	Lake Whitney, baz=150,SNR=6.9	24.60 335	P	P	09 12 26.9	-1.7	U48A	Cassie Pea, Po baz=177	26.43 358	P	P	09 12 44.0	-1.2	Q49A	Aurora baz=181	28.91 1	P	P	09 13 05.8	-1.4
X46A	UM Field Stati baz=170,SNR=6.2	24.61 352	P	P	09 12 26.8	-1.8	U44B	Burton Farm, H baz=171	26.49 353	P	P	09 12 44.2	-1.4	AMTX	Amarillo 6.2nm,0.8s	28.93 331	eP	P	09 13 06.6	-1.0
X46A	Booneville baz=172	24.64 354	P	P	09 12 27.2	-1.7	TZTN	Tazewell 8.2nm,0.6s	26.50 3	eP	P	09 12 45.1	-0.6	AMTX	Amarillo baz=145	28.93 331	P	P	09 13 05.5	-2.0
OXF	Oxford 68nm,1.1s	24.70 352	eP	P	09 12 27.5	-1.9	TZTN	Tazewell Oxford	26.50 3	P	P	09 12 44.6	-1.1	Q51A	Peebles 35nm,0.6s	28.98 3	eP	P	09 13 07.6	-0.3
OXF	Oxford baz=170,SNR=8.4	24.70 352	P	P	09 12 27.2	-2.2	V40A	Witts Springs 14nm,0.8s	26.59 346	eP	P	09 12 45.9	-0.7	Q51A	Peebles baz=184,SNR=9.7	28.98 3	P	P	09 13 07.1	-0.7
Y41A	Eaglette Beard baz=163	24.70 345	P	P	09 12 27.7	-1.8	V40A	Witts Springs 4.5nm,0.7s	26.59 346	P	P	09 12 44.7	-1.9	Q44A	Meyer Farm, Va baz=172	28.98 354	P	P	09 13 06.1	-1.8
PAULI	Pauline 4.5nm,0.7s	24.94 7	eP	P	09 12 31.9	+0.3	U43A	Rector baz=169	26.67 351	P	P	09 12 45.4	-1.8	Q52A	Bidwell baz=186	28.99 5	P	P	09 13 06.9	-1.1
X43A	Marvell 17nm,0.9s	24.94 349	P	P	09 12 29.9	-1.6	U44A	Portageville baz=170	26.70 352	P	P	09 12 45.4	-2.1	CBN	Cornwall Frederi 18nm,1.0s	29.04 13	eP	P	09 13 08.3	+0.3
X43A	Marvell baz=167	24.94 349	P	P	09 12 30.0	-1.6	U42A	Revdent baz=167	26.79 349	P	P	09 12 46.6	-1.7	R39A	Chumby, Stover 18nm,1.0s	29.04 348	P	P	09 13 07.2	-1.2
BG3	Lake Jocassee 56nm,1.0s	25.00 5	eP	P	09 12 32.7	+0.5	V39A	Pettigrew baz=162,SNR=6.9	26.82 345	P	P	09 12 48.0	-0.8	BLO	Bloomington 19nm,0.8s	29.09 358	eP	P	09 13 07.5	-1.3
Y40A	Okolona baz=161	25.00 344	P	P	09 12 30.5	-1.7	PARMO	Parma 76nm,0.7s	26.86 352	eP	P	09 12 47.8	-1.2	R38A	Fenwick Farm, baz=162	29.11 346	P	P	09 13 06.7	-2.4
PLAL	Pickwick Lake 22nm,1.0s	25.01 355	eP	P	09 12 31.0	-1.2	T51A	Gray baz=183	26.90 3	P	P	09 12 48.3	-1.0	Q41A	Truxton baz=168	29.32 351	P	P	09 13 08.8	-2.1
W52A	Murphy 18nm,0.8s	25.03 3	eP	P	09 12 32.7	+0.2	U41A	Viola baz=166	26.91 348	P	P	09 12 47.3	-2.1	P48A	Milroy baz=180	29.36 360	P	P	09 13 09.5	-1.7
W52A	Murphy baz=183,SNR=7.4	25.03 3	P	P	09 12 32.5	0.0	T50A	Nancy baz=181	26.93 1	P	P	09 12 48.4	-1.2	P47A	Martinsville baz=178	29.39 359	P	P	09 13 10.2	-1.3
W49A	Belvidere baz=178,SNR=10	25.04 358	P	P	09 12 31.2	-1.3	T47A	Sharon Grove 35nm,1.0s	26.93 357	eP	P	09 12 48.6	-1.1	P49A	Miami Univ. Ec baz=181	29.44 1	P	P	09 13 10.0	-1.9
W51A	Cleveland baz=181,SNR=10	25.07 1	P	P	09 12 32.6	-0.2	T47A	Sharon Grove baz=176,SNR=8.1	26.93 357	P	P	09 12 48.1	-1.5	P51A	Williamsport 17nm,1.1s	29.45 4	eP	P	09 13 10.7	-1.3
W48A	Pulaski baz=176,SNR=24	25.08 357	P	P	09 12 31.9	-1.0	T49A	Edmonton 13nm,0.9s	27.01 360	eP	P	09 12 49.6	-0.7	P45A	Graceland, Par baz=175	29.50 356	P	P	09 13 10.3	-2.2
W50A	Signal Mountai 18nm,0.7s	25.11 0	eP	P	09 12 32.3	-0.9	T49A	Edmonton baz=180,SNR=5.6	27.01 360	P	P	09 12 49.9	-1.3	P44A	Sand Creek, Wi baz=173	29.51 355	P	P	09 13 10.3	-2.3
W50A	Signal Mountai baz=180	25.11 0	P	P	09 12 32.1	-1.1	T48A	Bowling Green baz=178	27.03 358	P	P	09 12 48.9	-1.5	Q40A	Laux Farm, Aux baz=166	29.51 349	P	P	09 13 09.7	-2.8
X42A	Stuttgart baz=165	25.12 348	P	P	09 12 30.8	-2.5	T46A	Prieston baz=174	27.04 356	P	P	09 12 49.5	-1.1	P50A	Jamestown baz=163	29.54 2	P	P	09 13 11.2	-1.6
SWET	Sewanee 40nm,0.9s	25.13 359	eP	P	09 12 33.0	-0.4	PBMO	Poplar Bluff 11nm,0.9s	27.07 351	eP	P	09 12 49.7	-1.2	P46A	Rosedale baz=176	29.56 357	P	P	09 13 10.9	-2.0
W53A	Cullowhee baz=185,SNR=7.7	25.16 4	P	P	09 12 32.7	-1.0	T45A	Paducah 52nm,0.8s	27.08 354	eP	P	09 12 49.7	-1.2	P53A	Whipple 30nm,0.9s	29.60 6	eP	P	09 13 13.5	+0.2
W46A	Nichie baz=173	25.19 354	P	P	09 12 32.5	-1.4	T45A	Paducah baz=173	27.08 354	P	P	09 12 49.4	-1.5	P53A	Whipple baz=188,SNR=7.4	29.60 6	P	P	09 13 12.7	-0.6
W47A	Westpoint baz=175,SNR=28	25.24 356	P	P	09 12 32.9	-1.5	T52A	Halle baz=185	27.09 4	P	P	09 12 50.2	-0.9	P52A	Corning baz=186,SNR=7.3	29.67 5	P	P	09 13 12.7	-1.2
X41A	Kaden, Bauxite baz=163	25.26 346	P	P	09 12 32.5	-2.1	U40A	Yellville baz=164	27.12 347	P	P	09 12 50.0	-1.3	Q39A	Willow Grove F baz=165	29.73 348	P	P	09 13 12.1	-2.4
W																				

393						2012 SEP				6d 9h													
N45A	Kentland	30.80	357	P	P	09 13 21.1	-2.9	H38A	Maiden Rock	35.08	351	P	P	09 13 58.6	-2.7	TPNV	Topopah Spring	38.71	319	eP	P	09 14 33.3	+0.9
BNN	Barren Site	30.96	324	eP	P	09 13 25.7	0.0	PV13	Radium Mtn., P	35.08	327	eP	P	09 14 01.8	+0.1	TPNV	Topopah Spring	38.71	319	P	P	09 14 33.7	+1.3
N41A	Harden Midland	30.99	352	P	P	09 13 23.1	-2.5	PV03	Paradox Valley	35.17	327	eP	P	09 14 02.3	0.0	DUG	Dugway, Tooele	38.71	326	eP	P	09 14 32.6	+0.3
N42A	Yates City	31.00	353	P	P	09 13 23.5	-2.2	PV12	Saucer Basin,	35.19	327	eP	P	09 14 02.6	+0.1	DUG	Dugway, Tooele	38.71	326	P	P	09 14 31.8	-0.6
N43A	Stutzman Famil	31.02	354	P	P	09 13 23.6	-2.3	PV18	Skein Mesa, Pa	35.19	327	eP	P	09 14 02.5	-0.1	EDW2	Edwards Air Fo	38.73	315	P	P	09 14 32.3	-0.2
O37A	Wolfen Farm, M	31.06	347	P	P	09 13 24.0	-2.2	G43A	Waite Mesa, Pa	35.21	357	P	P	09 14 00.5	-1.8	LATQ	La Tuque	38.77	14	P	P	09 14 32.1	-0.4
PAGS	Pennsylvania G	31.09	13	eP	P	09 13 27.1	+0.6	PV11	David Mesa, Pa	35.21	327	eP	P	09 14 02.6	-0.1	FURC	Furnace Creek,	38.83	318	P	P	09 14 34.0	+0.8
LENN	Lemitar	31.17	324	eP	P	09 13 28.3	+0.8	G42A	Mountain View	35.23	356	P	P	09 14 00.7	-1.8	BW06	Boulder Array	38.91	331	eP	P	09 14 32.3	-1.7
LPAZ	La Paz	31.18	147	LR	LR	09 26 50.8		PV16	Nyswonger Mesa	35.24	327	eP	P	09 14 00.3	0.0	BW06	Boulder Array	38.91	331	P	P	09 14 32.3	-1.7
SSPA	Standing Stone	31.24	11	eP	P	09 13 27.8	0.0	PV17	East Wray Mesa	35.25	327	eP	P	09 14 02.3	-0.7	PD31	Pinedale Array	38.91	331	eP	P	09 14 32.0	-2.0
SSPA	Standing Stone	31.24	11	P	P	09 13 27.2	-0.6	H36A	Jessenland, He	35.26	349	P	P	09 14 00.9	-1.9	PDAR	Pinedale Array	38.91	331	eP	P	09 14 32.0	-2.0
N39A	Derby Farms, D	31.41	350	eP	P	09 13 27.4	-2.0	PV19	Morning Glory	35.28	327	eP	P	09 14 02.3	-1.1	PDAR	Pinedale Array	38.91	331	eP	P	09 14 31.5	-2.5
N39A	Derby Farms, D	31.41	350	P	P	09 13 26.7	-2.6	PV20	West Nyswonger	35.30	327	eP	P	09 14 03.0	-0.4	PDAR	Pinedale Array	38.91	331	eP	P	09 14 35.5	+0.4
LAZ	Ladron	31.43	324	eP	P	09 13 29.2	-0.7	PV22	Blue Mesa, Par	35.34	327	eP	P	09 14 03.6	-0.2	MPMC	Manual Prospec	39.02	317	P	P	09 14 36.9	+0.9
ANMO	Albuquerque	31.44	325	P	P	09 13 28.2	-1.2	PV14	Liroy Canyon, C	35.35	327	eP	P	09 14 03.8	-0.1	R11A	Troy Canyon, C	39.13	321	eP	P	09 14 35.8	-0.2
ANMO	Albuquerque	31.44	325	P	P	09 13 28.2	-1.7	PV10	Paradox Valley	35.36	327	eP	P	09 14 04.1	0.0	R11A	Troy Canyon, C	39.13	321	P	P	09 14 35.8	-0.2
CBKS	Cedar Bluff	31.46	338	P	P	09 13 27.5	-2.4	G40A	Rib Lake	35.41	354	P	P	09 14 01.5	-2.6	AGMN	Agassiz Nation	39.20	349	eP	P	09 14 32.5	-3.7
M41A	Milan	31.60	353	P	P	09 13 28.4	-2.6	G38A	Ridgeland	35.51	352	P	P	09 14 01.7	-3.2	AGMN	Agassiz Nation	39.20	349	P	P	09 14 33.8	-2.4
N37A	Lee Faris, Mou	31.64	347	eP	P	09 13 29.4	-2.0	G39A	Holcombe	35.53	353	P	P	09 14 02.1	-3.0	BGU	Big Grassy Mou	39.33	326	eP	P	09 14 37.6	0.0
M39A	Webster	31.94	350	P	P	09 13 32.2	-1.8	H35A	Sunnyside Ranc	35.55	348	P	P	09 14 02.3	-2.9	ARVC	Arvin	39.45	315	P	P	09 14 39.0	+0.7
N59A	State Game Lan	31.96	14	P	P	09 13 34.0	-0.2	SPMM	Marine on St.	35.70	351	eP	P	09 14 04.6	-2.0	GRAC	Grapevine Sp	39.47	318	P	P	09 14 39.9	+1.3
T25A	Trinidad	32.05	331	eP	P	09 13 34.8	-0.4	SPMM	Marine on St.	35.70	351	P	P	09 14 04.5	-2.0	ISA	Isabella, Lake	39.48	316	eP	P	09 14 40.0	+1.3
L42A	Oliver, Polo	32.12	354	eP	P	09 13 35.1	-0.4	BUKO	Buck Lake	35.71	7	P	P	09 14 04.6	-2.0	ISA	Isabella, Lake	39.48	316	P	P	09 14 39.3	+0.6
L42A	Oliver, Polo	32.12	354	P	P	09 13 33.7	-1.9	LONY	Lake Ozonia	35.75	13	eP	P	09 14 06.4	-0.6	LSQQ	Lebsaur-Quev	39.58	9	P	P	09 14 37.9	-1.4
L41A	Preston	32.29	353	P	P	09 13 34.7	-2.3	LONY	Lake Ozonia	35.75	13	P	P	09 14 06.3	-0.7	CWC	Cottonwood Cre	39.63	317	P	P	09 14 40.3	+0.2
TUC	Tucson	32.33	317	eP	P	09 13 37.7	+0.1	F43A	Flat Rock, Esc	35.76	358	P	P	09 14 05.0	-2.0	A33A	Warroad	39.73	350	P	P	09 14 38.7	-1.8
TUC	Tucson	32.33	317	P	P	09 13 37.2	-0.4	N23A	Red Feather La	35.77	333	eP	P	09 14 06.2	-1.3	HVU	Hansel Valley	39.79	327	eP	P	09 14 41.1	-0.2
ERPA	Erie	32.36	7	P	P	09 13 36.7	-0.9	N23A	Red Feather La	35.77	333	P	P	09 14 05.8	-1.8	REDW	Red Top Meadow	39.98	331	eP	P	09 14 42.2	-0.7
L40A	Anamosa	32.37	352	eP	P	09 13 36.8	-0.9	PDMC	Parker Dam, Lak	35.77	317	P	P	09 14 07.9	+0.6	VES	Vestal, Richgr	39.99	315	P	P	09 14 43.8	+0.9
L40A	Anamosa	32.37	352	P	P	09 13 36.0	-1.7	F41A	Three Lakes	35.78	356	P	P	09 14 05.7	-1.6	SNOW	Snow King Moun	40.00	331	eP	P	09 14 42.7	-0.5
KSCO	Kaye Shedlock	32.77	335	P	P	09 13 39.8	-1.7	PHWY	Pilot Hill	35.88	334	eP	P	09 14 07.2	-1.3	PKM	Mcherson Peak	40.02	314	P	P	09 14 43.9	+0.5
K41A	Shullsburg	32.79	353	P	P	09 13 39.4	-2.0	U15A	North Rim	35.89	321	eP	P	09 14 09.1	+0.5	LOHW	Long Hollow	40.05	331	eP	P	09 14 43.1	-0.4
SDC0	Great Sand Dun	32.86	330	eP	P	09 13 43.2	-1.0	F40A	Park Falls	36.04	354	P	P	09 14 07.1	-2.5	TPAW	Teton Pass	40.12	331	eP	P	09 14 43.5	-0.6
SDC0	Great Sand Dun	32.86	330	P	P	09 13 41.3	-2.9	W13A	Hualapai Mount	36.07	318	eP	P	09 14 11.4	+1.3	MATQ	Matagami	40.17	8	P	P	09 14 42.6	-1.6
JFWS	Jewell Farm	33.08	353	P	P	09 13 41.6	-2.4	F39A	Loretta	36.12	353	P	P	09 14 07.8	-2.4	MOOW	Moose Ponds	40.22	331	eP	P	09 14 43.9	-1.0
K39A	Delwein	33.09	351	P	P	09 13 41.9	-2.2	COWI	Conover	36.14	356	eP	P	09 14 08.7	-1.7	FXWY	Fox Creek	40.27	331	eP	P	09 14 44.8	-0.6
BINY	Binghamton	33.13	13	eP	P	09 13 44.6	+0.2	F37A	Hinrichs Farm,	36.15	351	P	P	09 14 08.3	-2.1	SMMC	Simmer	40.36	314	P	P	09 14 46.6	+0.6
BINY	Binghamton	33.13	13	P	P	09 13 43.7	-0.8	SWSC	Sam W. Stewart	36.16	314	P	P	09 14 11.0	+0.4	IMW	Indian Meadow	40.42	331	eP	P	09 14 45.8	-0.9
K38A	Parkersburg	33.18	350	P	P	09 13 42.5	-2.3	IKP	In-Ko-Pah, Jac	36.23	313	P	P	09 14 12.0	+0.6	FLWY	Flagg Ranch	40.45	332	eP	P	09 14 46.3	-0.5
X18A	Snowflake	33.20	321	eP	P	09 13 46.4	+1.1	O20A	White River Ci	36.26	330	eP	P	09 14 11.9	+0.2	RLMT	Red Lodge	40.61	334	P	P	09 14 46.6	-1.5
MMNY	Mt. Morris Dam	33.27	10	eP	P	09 13 45.6	0.0	O20A	White River Ci	36.26	330	P	P	09 14 11.3	-0.4	H17A	Grant Village	40.63	332	P	P	09 14 48.4	0.0
J42A	Columbus	33.37	355	P	P	09 13 44.0	-2.4	F38A	Pierce - Schro	36.28	352	P	P	09 14 08.8	-2.7	PAGB	Antelope Grade	40.75	315	eP	P	09 14 51.1	+1.9
K37A	Belmond	33.45	349	P	P	09 13 44.3	-2.8	SUSD	Mill Creek	36.29	343	P	P	09 14 08.7	-3.0	MLAC	Mammoth, Mammo	40.79	318	P	P	09 14 50.2	+0.5
W18A	Petrified Fore	33.47	322	eP	P	09 13 48.9	+1.2	E43A	Lone Tree Farm	36.30	358	P	P	09 14 10.9	-0.8	NV11	Mina Array Sit	40.80	319	eP	P	09 14 51.1	+1.4
K36A	Gilmore City	33.49	348	P	P	09 13 45.2	-2.3	BC03	Big Chuckwalk	36.30	315	P	P	09 14 12.2	+0.2	OMMB	Old Mammoth Mi	40.89	318	eP	P	09 14 52.3	+1.6
J41A	Loganville	33.51	354	P	P	09 13 45.3	-2.3	OR10	Oreans, Innes	36.35	12	P	P	09 14 12.0	-0.2	NV01	Mina Array Sit	40.90	319	eP	P	09 14 51.5	+0.9
J40A	Soldiers Grove	33.62	353	P	P	09 13 46.5	-2.1	IRM	Iron Mountain	36.37	316	P	P	09 14 12.2	-0.2	NVAR	Mina Array Bea	40.90	319	P	P	09 14 51.3	+0.7
J39A	Decorah	33.69	352	P	P	09 13 46.9	-2.3	E42A	Champion	36.39	357	P	P	09 14 11.0	-1.5	NVAR	Mina Array Bea	40.90	319	P	P	09 33 27.2	
S22A	4UR Ranch, Cre	33.73	329	eP	P	09 13 49.7	-0.3	E39A	Mellen	36.54	354	P	P	09 14 11.3	-2.4	MDPB	Devils Postpil	40.95	318	eP	P	09 14 52.8	+1.6
S22A	4UR Ranch, Cre	33.73	329	P	P	09 13 46.9	-3.1	PKCU	Pink Cliffs	36.57	323	eP	P	09 14 15.3	+0.8	YHH	Holmes Hill	41.05	332	eP	P	09 14 52.0	+0.2
J38A	Wedel Dairy, R	33.79	351	P	P	09 13 46.8	-3.2	MONP2	Monument Peak	36.58	313	P	P	09 14 14.8	+0.3	ULM	Lac du Bonnet	41.08	350	P	P	09 14 51.3	-0.3
ACTO	Acton	33.82	7	P	P	09 13 49.7	-0.7	KNB	Knab	36.59	322	eP	P	09 14 15.6	+1.1	ULM	Lac du Bonnet	41.08	350	P	P	09 16 51.2	+0.9
I43A	Langenfeld Bro	33.86	356	P	P	09 13 48.0	-2.8	ALFO	Alfred	36.64	12	P	P	09 14 13.9	-0.7	ULM	Lac du Bonnet	41.08	350	P	P	09 34 05.1	
I42A	Draeger Farm,																						

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like JAY, SOEI, NJ2, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WRA, USRK, AS31, etc.

ISCJB 06:09:36:02.9:0.8,36:99N:0.05:37.45E:0.05,h8km,Error ellipse: s-maj=2.6km s-min=6.0km az=0.0

MEX 06:44:49.0:0.3,16:36N:100.28W,h2km,3km,MD3.7, Near coast of Guerrero

ISCJB 06:09:48:37.1:2.4,14:46N:93.73W,h0km,mb3.7/5, mb1.4/0.8,mb1mx3.7/47,mbtmp3.7/8,ML3.7/3,MS3.0/3

6d 11h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRAC Prado, BARC Barichara, CHIC Chingaza, etc.

KRAR 06 09:51:39.0.0.3,53°56'N-88°00'E, M2.3, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014)

NMC 06 09:51:39.5.4.2,53°58'N-87°86'E, h0km, m-b3.6, mpv3.2, 3C-4D, Error ellipse: s-maj=35.3km s-min=13.7km az=60.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAAO Zalesovo Array, MK31 Makanchi Array, etc.

DDA 06 10:08:09.2,38°77'N-43°50'E, h24km, M12.6, ISC 06 10:08:06.5.3.0,38°75'N-0°08'43.8E-0.2, h31km, 10km, n6, +0548/12, Turkey

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

ISK 06 10:08:13.4,37°03'N-39°25'E, h10km, M12.1/4, ISC 06 10:08:12.6.2.7,37°00'N-01°39'19E-0.07, h47km, 13km, n7, +0584/13, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URFA Urfa, MAZI Mazidag, etc.

MEX 06 10:14:26.4.0.6,14°93'N-93°32'W, h56km, 13km, MD3.5, Near coast of Chiapas

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

GUC 06 10:25:00.7.0.5,23°33'S-68°98'W, h100km, 7km, ML3.7, 5C-4D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB06 IPOC Station P, PB05 IPOC Station P, etc.

MEX 06 10:33:30.5.0.4,16°22'N-98°10'W, h2km, 4km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, TLIG Tiapa, etc.

GUC 06 10:45:40.5.0.6,22°38'S-68°34'W, h109km, 6km, ML3.7, 7C-2D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUC 06 10:45:40.5.0.6, etc.

2012 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB06 IPOC Station P, PB03 IPOC Station P, etc.

KRSC 06 10:50:03.2.1.5,54°80'N-164°58'E, h49km, 25km, ML3.8, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BKI Bering, MKZ Mys Kozlova, etc.

ISC 06 11:03:34.0.1.9,23°25'S-125°29'E, h0km, mb3.2/2, mb1.3/4/3, mb1mx3.3/36, mbtmp3.2/3, ML3.4/1, Error ellipse: s-maj=163.4km s-min=27.2km az=63.0, Ceram Sea

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

DDA 06 11:06:22.7,36°01'N-31°22'E, h16km, M13.5, ISCJB 06 11:06:23.6.0.8,36°08'N-03°31'22E-0.02, h2km, 6km, Error ellipse: s-maj=5.7km s-min=2.8km az=18.8

ISK 06 11:06:23.3,36°05'N-31°20'E, h8km, ML3.8/20, NIC 06 11:06:29.5.0.4,36°00'N-31°69'E, h5km, ML3.7

ISC 06 11:06:23.9.1.2,36°05'N-03°31'22E-0.02, h10km, 10km, n4, +1908/86, Turkey

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

396

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BAGO Isikli, IKL Kebe-Mersin, etc.

ISCJB 06 11:06:42.0.7.0,20°75'N-178°7'W-0.1, h587km, mb3.7/13, Error ellipse: s-maj=22.1km s-min=9.1km az=143.1

DDA 06 11:06:43.1.2.0,20°67'S-178°67'W, h580km, 24km, mb3.3/13, mb1.3.5/15, mb1mx3.3/31, mbtmp4.2/15, Error ellipse: s-maj=26.7km s-min=13.7km az=146.0

ISC 06 11:06:43.3.0.8,20°65'N-178°7'W-0.1, h587km, n22, +1947/24, mb3.8/13, Fiji Islands region

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

MAN 06 11:17:09.3,9°31'N-126°42'E, h55km, mb4.2, ML3.1, MS2.8, 2C, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUTP Butuan, MSLP Maasin, etc.

ISCJB 06 11:20:02.6.0.8,36°98'N-0°05'38'E-0.04, h1km, 8km, Error ellipse: s-maj=8.6km s-min=4.9km az=177.3

ISC 06 11:20:02.6.37°09'N-36°24'E, h5km, 1km, ML2.3/5, DDA 06 11:20:03.1,36°19'N-36°33'E, h7km, ML3.3

ISC 06 11:20:03.0.1,36°37'N-0°05'38'E-0.03, h3km, 13km, n12, +1919/19, Jordan-Syria region

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

DDA 06 11:33:51.3.0.9,41°71'N-81°24'E, h0km, mb3.8/8, Error ellipse: s-maj=163.4km s-min=27.2km az=63.0, Ceram Sea

2012 SEP

Code	Station Name	Lat	Lon	Alt	Mag	Phase	Time	Res
53A	Estanlee	22.51	12	P	P	11 43 53.2	-0.2	
X39A	Fountain Ranch	22.55	348	P	P	11 43 54.2	+0.4	
W48A	Pulaski	22.67	4	P	P	11 43 55.2	+0.2	
W49A	Belvidere	22.70	5	P	P	11 43 55.3	0.0	
W47A	Westpoint	22.75	2	P	P	11 43 55.9	0.0	
JSC	Jenkinsville	22.78	16	eP	P	11 43 57.4	+1.2	
W50A	Signal Mountai	22.88	7	P	P	11 43 57.5	+0.2	
W41B	Gary Mavity, V	22.89	352	eP	P	11 43 58.5	+1.2	
W41B	Gary Mavity, V	22.89	352	eP	P	11 43 57.9	+0.6	
W41B	Monte Pirata	22.96	73	eP	P	11 43 57.5	-0.8	
MTPR	Wooly Hollow	23.01	352	eP	P	11 43 59.5	+1.0	
W40A	Ferguson Farm	23.03	351	eP	P	11 43 59.6	+0.8	
W40A	Ferguson Farm	23.03	351	P	P	11 43 59.5	+0.8	
W39A	Magazine	23.15	349	eP	P	11 44 00.7	+0.6	
W39A	Magazine	23.15	349	P	P	11 44 00.5	+0.5	
W53A	Cullowhee	23.19	11	P	P	11 44 00.3	-0.2	
W48A	Smith Brothers	23.28	4	eP	P	11 44 01.8	+0.5	
W46A	Holladay	23.28	1	P	P	11 44 00.8	-0.5	
W49A	McMinnville	23.38	6	P	P	11 44 01.7	-0.6	
V42A	Cord	23.42	354	P	P	11 44 02.5	-0.1	
V41A	Mountainview	23.48	353	P	P	11 44 03.1	-0.3	
TKL	Tuckaleechee C	23.55	10	P	P	11 44 04.5	+0.4	
TKL	Tuckaleechee C	23.55	10	eP	P	11 44 05.0	+1.0	
TKL	Tuckaleechee C	23.55	10	eP	P	11 44 03.9	-0.3	
KMSC	Kings Mountain	23.57	15	eP	P	11 44 03.4	-0.8	
KMSC	Kings Mountain	23.57	15	P	P	11 44 03.4	-0.8	
STVI	Saint Thomas	23.57	73	eP	P	11 44 03.5	-0.9	
V40A	Witts Springs	23.59	351	P	P	11 44 04.5	+0.1	
V40A	Witts Springs	23.59	351	P	P	11 44 04.5	+0.1	
WVT	Waverly	23.62	2	P	P	11 44 03.6	-1.1	
V53A	Saluda	23.74	12	eP	P	11 44 06.5	+0.6	
V53A	Saluda	23.74	12	P	P	11 44 06.1	+0.1	
V39A	Pettigrew	23.75	350	P	P	11 44 06.1	+0.1	
U46A	Springville	23.84	1	P	P	11 44 06.4	-0.4	
U42A	Reverend	23.94	355	P	P	11 44 07.5	-0.2	
U47A	Clarksville	23.95	3	P	P	11 44 07.3	-0.5	
U41A	Viola	24.00	353	P	P	11 44 08.2	-0.1	
WMOK	Wichita Mounta	24.05	339	eP	P	11 44 08.9	+0.1	
WMOK	Wichita Mounta	24.05	339	P	P	11 44 08.4	-0.5	
U49A	Red Boiling Sp	24.13	6	P	P	11 44 09.4	0.0	
U40A	Yellville	24.14	352	P	P	11 44 09.3	-0.3	
U50A	Jamestown	24.18	8	P	P	11 44 09.8	-0.7	
PARMO	Parma	24.16	358	eP	P	11 44 09.1	-0.7	
U51A	La Follette	24.22	9	P	P	11 44 10.4	0.0	
HHAR	Hobbs	24.23	350	eP	P	11 44 11.2	+0.7	
U39A	Green Forest	24.26	350	P	P	11 44 10.9	+0.2	
TUL1	Leonard	24.27	346	eP	P	11 44 10.6	-0.1	
TUL1	Leonard	24.27	346	P	P	11 44 10.9	+0.1	
PBMO	Poplar Bluff	24.31	357	eP	P	11 44 11.6	+0.5	
TZTN	Tazewell	24.45	10	P	P	11 44 11.5	-1.0	
U53A	Fall Branch	24.46	12	P	P	11 44 12.8	+0.2	
T47A	Sharon Grove	24.50	3	eP	P	11 44 12.5	-0.4	
T47A	Sharon Grove	24.50	3	P	P	11 44 12.3	-0.6	
T46A	Princeton	24.53	1	P	P	11 44 12.3	-0.8	
T42A	Van Buren	24.61	355	eP	P	11 44 13.5	-0.3	
T42A	Van Buren	24.61	355	P	P	11 44 13.4	-0.4	
MNTX	Cornudas Mount	24.61	324	eP	P	11 44 13.7	-0.3	
MNTX	Cornudas Mount	24.61	324	P	P	11 44 13.6	-0.5	
T41A	Mountain View	24.68	354	P	P	11 44 14.4	-0.1	
T50A	Nancy	24.73	7	P	P	11 44 14.8	-0.2	
T49A	Edmonton	24.74	6	P	P	11 44 14.8	-0.2	
T51A	Gray	24.80	9	P	P	11 44 15.3	-0.3	
T39A	Cleaver	24.87	351	P	P	11 44 15.8	-0.4	
MSTX	Muleshoe	25.02	331	eP	P	11 44 17.2	-0.6	
MSTX	Muleshoe	25.02	331	P	P	11 44 17.2	-0.6	
T38A	Diamond	25.03	349	P	P	11 44 18.0	+0.3	
S41A	Jillico Farms,	25.22	354	P	P	11 44 19.1	-0.3	
AMTX	Amarillo	25.30	334	eP	P	11 44 20.1	-0.2	
AMTX	Amarillo	25.30	334	P	P	11 44 20.2	-0.2	
S40A	Lebanon	25.31	353	P	P	11 44 19.5	-0.7	
S42A	Caledonia	25.32	356	P	P	11 44 19.9	-0.4	
S39A	Bolivar	25.51	351	eP	P	11 44 21.7	-0.3	
S39A	Bolivar	25.51	351	P	P	11 44 21.5	-0.6	
S38A	Stockton	25.55	350	P	P	11 44 21.8	-0.6	
CCM	Cathedral Cave	25.64	355	eP	P	11 44 23.4	+0.3	
CCM	Cathedral Cave	25.64	355	P	P	11 44 22.5	-0.6	
R44A	Watsonville	25.73	359	P	P	11 44 23.4	-0.5	
WCI	Wyandotte Cave	25.75	4	eP	P	11 44 21.8	-2.8	
R41A	Rosebud	25.89	355	P	P	11 44 24.8	-0.6	
R40A	Maddies Statio	25.97	353	eP	P	11 44 25.3	-0.9	
R40A	Maddies Statio	25.97	353	P	P	11 44 25.2	-0.9	
R39A	Chumby, Stover	26.09	352	P	P	11 44 26.0	-1.2	
R38A	Fenwick Farm,	26.09	351	P	P	11 44 26.4	-0.9	
Q41A	Truxton	26.53	355	P	P	11 44 31.1	-0.1	
121A	Cookes Peak, D	26.63	322	P	P	11 44 33.4	+1.0	
Q40A	Laux Farm, Aux	26.64	354	P	P	11 44 31.0	-1.3	
Q39A	Willow Grove F	26.80	352	P	P	11 44 32.5	-1.2	
Q38A	Cooks Store, C	26.80	351	P	P	11 44 32.8	-0.9	
Q51A	Peebles	26.91	9	eP	P	11 44 34.6	-0.1	
Q51A	Peebles	26.91	9	P	P	11 44 33.7	-1.0	
BNM	Barren Site	27.13	326	eP	P	11 44 37.6	+0.6	
P40A	Paris	27.17	354	P	P	11 44 36.0	-1.0	
P39B	Salisbury	27.21	353	P	P	11 44 36.6	-0.7	
P41A	Barry, Barry	27.23	356	P	P	11 44 37.0	-0.5	
LENM	Lemitar	27.34	325	eP	P	11 44 40.1	+1.4	
P38A	Dawn	27.44	352	P	P	11 44 38.9	-0.6	
LAZ	Albuquerque	27.60	326	eP	P	11 44 40.9	-0.3	
ANMO	Albuquerque	27.64	327	P	P	11 44 44.7	+3.1	
ANMO	Albuquerque	27.64	327	LR	LR	11 58 12.7		
ANMO	Albuquerque	27.64	327	eS	S	11 49 25.3	+2.6	
O41A	Passleys Farm,	27.66	356	P	P	11 44 40.6	-0.8	
O45A	Potomac	27.73	2	P	P	11 44 40.9	-1.2	
O40A	La Belle	27.74	355	P	P	11 44 40.8	-1.3	
O39A	Kirksville	27.94	354	P	P	11 44 43.0	-0.9	
O50A	Cable	27.97	8	P	P	11 44 42.9	-1.3	
TUC	Tucson	28.37	318	P	P	11 44 50.3	+2.3	
T25A	Trinidad	28.39	333	eP	P	11 44 49.3	+1.1	
T25A	Trinidad	28.39	333	P	P	11 44 48.9	+0.7	
N39A	Derby Farms, D	28.55	354	eP	P	11 44 48.6	-0.7	
N39A	Derby Farms, D	28.55	354	P	P	11 44 48.4	-1.0	
M39A	Webster	29.11	355	P	P	11 44 53.4	-0.9	
KSCO	Kaye Shedlock	29.25	337	P	P	11 44 56.3	+0.6	
SDCO	Great Sand Dun	29.38	332	eP	P	11 44 58.3	+1.2	
SDCO	Great Sand Dun	29.38	332	P	P	11 44 57.9	+0.8	
L42A	Oliver, Polo	29.49	358	P	P	11 44 58.6	+1.0	
214A	Organ Pipe Nat	29.52	315	P	P	11 44 59.0	+0.8	
L41A	Preston	29.59	357	P	P	11 44 57.2	-1.4	
L40A	Anamosa	29.62	356	P	P	11 44 58.2	-0.6	
L39A	Vinton	29.74	355	P	P	11 44 59.0	-0.8	
S22A	4UR Ranch, Cre	30.01	330	eP	P	11 45 03.2	+0.5	
S22A	4UR Ranch, Cre	30.01	330	P	P	11 45 01.9	-0.8	
K43A	Colburn	30.18	0	P	P	11 45 01.8	-1.9	
K40A	Colesburg	30.25	356	P	P	11 45 03.6	-0.8	
K39A	Belweins	30.31	355	P	P	11 45 03.6	-1.3	
MVCO	Mesa Verde	30.43	328	eP	P	11 45 06.8	+0.4	
K37A	Belmond	30.55	353	P	P	11 45 05.6	-1.5	
J42A	Columbus	30.79	359	P	P	11 45 09.8	-0.2	
WU4Z	Wupatki	30.84	322	P	P	11 45 10.1	+0.2	
J41A	Logansville	30.86	358	P	P	11 45 09.3	-0.5	
J38A	Wedel Dairy, R	30.97	355	P	P	11 45 09.8	-0.9	
J37A	Redelius Farm,	31.07	353	P	P	11 45 10.4	-1.2	
ISCO	Idaho Springs	31.12	334	eP	P	11 45 14.7	+2.2	
ISCO	Idaho Springs	31.12	334	P	P	11 45 12.3	-0.3	
SMCO	Snowmass	31.22	332	eP	P	11 45 14.4	+1.0	
PV13	Radium Mtn., P	31.32	328	eP	P	11 45 15.2	+1.0	
I42A	Draeger Farm,	31.36	360	P	P	11 45 13.3	-0.9	
PV03	Paradox Valley	31.41	329	eP	P	11 45 15.1	+0.1	
I39A	Houston	31.42	356	P	P	11 45 13.3	-1.4	
PV12	Saucer Basin,	31.43	329	eP	P	11 45 16.2	+1.0	
PV18	Skein Mesa, Pa	31.43	328	eP	P	11 45 16.2	+1.0	
PV11	David Mesa, Pa	31.45	329	eP	P	11 45 15.7	+	

6d 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include TWE Neicheng, SLBB Yuanshan, YJNG Yonagunijimaku, etc.

KRSC 06 13:07.21.1.0.5544N.164.56E, h50km, 20km, ML3.6,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include BKI Bering, KBTR Krutoberegovo, MKZ Mys Kozlova, etc.

ISCJB 06 13:13:52.9-0.8, 14.05N.0.10:83.7W.0.1, h10km, mb3.6/4,

MS2.9/3, Error ellipse: s-maj=16.1km s-min=13.0km

ISC 06 13:13:54.0-0.9, 13.99N.0.08:83.8W.0.1, h10km, n10,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include JTS JuntasAbangare, JTS Santo Domingo, APG El Apazote, etc.

BUI 06 13:15:20.8, 21.25S:178.96W, h546km, mb4.5/13,

mb4.8/10 NEIC 06 13:15:22.8, 1.1, 21.52S:178.89W, h569km, 12km, mb4.4/4,

Error ellipse: s-maj=10.2km s-min=14.4.0

ISCJB 06 13:15:25.0-0.4, 21.65S:0.08:179.04W.0.08, h602km,

mb4.3/2, Error ellipse: s-maj=11.1km s-min=9.7km

ISC 06 13:15:27.0-2.5, 21.52S:179.07W, h612km, 28km,

mb3.8/25, mb1.3.9/26, mb1mx3.8/38, mbtmp.7/26, Error ellipse: s-maj=15.0km s-min=11.7km az=68.0

ISC 06 13:15:28.0-0.4, 21.68S:0.09:179.04W.0.07, h602km,

n88, r1518/99, mb4.3/2, 7C-2D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

2012 SEP

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

400

DJA 06 13:22:52.3-0.7, 9'S.17.11'7E.1, h154km, 9km, M2.9/7,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include TWSI Taliwang, TWSI Taliwang, TWSI Taliwang, etc.

DJA 06 13:24:46.7-1.8, 2'S.12.13'6E.2.7, h33km, 79km, M4.0/4,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include RKPI Ransiki, RKPI Ransiki, RKPI Ransiki, etc.

DSN 06 13:40:59.0-0.8, 27.42N:53.75E, h15km, ML4.5/8, Error

ellipse: s-maj=14.1km s-min=7.2km az=35.0

THR 06 13:40:59.3-0.3, 26.97N:54.16E, h18km, 6km, ML4.1

IDC 06 13:41:00.1-0.7, 27.09N:53.96E, h01km, mb4.1/20,

mb1.4/22, mb1mx4.1/15, mbtmp.4/121, ML3.8/1, MS3.5/11,

M3.1/3.5/11, ms1mx3.3/37, Error ellipse: s-maj=17.5km

s-min=12.8km az=19.0

ISCJB 06 13:41:02.7-0.2, 27.18N:0.03:53.98E.0.04, h19km,

mb4.2/26, MS2.5/9, Error ellipse: s-maj=5.0km

s-min=2.9km az=146.4

TEH 06 13:41:02.9, 27.20N:54.05E, h20km, ML4.2

NEIC 06 13:41:02.9, 0.0, 27.20N:54.05E, h20km, mb4.3/2,

ML4.2(TEH), After TEH

OMAN 06 13:41:14.4, 0.2, 26.50N:54.02E, h20km, Error ellipse:

s-maj=3.3km s-min=2.1km az=297.0

ISC 06 13:41:03.7-0.4, 27.15N.0.04:53.99E.0.04, h19km, n105,

r1549/109, mb4.1/26, MS3.9/9, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Rows include JHRM Jahrom, JHRM Jahrom, JHRM Jahrom, etc.

Table with 4 columns: TORD, Torodj Ar. Bea, 170.80 167 PKP, PKPdf, 14.36 15.5 +1.6, comp=Z,0.8nm,0.9s,baz=170,slow=4.4,SNR=5.0

Table with 4 columns: IDC 06 14:26:37.8-3.9, 9.65N-127.53E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/43, mbtmp3.6/3, Error ellipse: s-maj=285.2km s-min=28.5km az=66.0, Philippine Islands region

Table with 4 columns: NSPP 06 14:28:23.3, 41.75N-46.30E, Ms3.0, TIF 06 14:28:23.2, 41.72N-46.38E, h13km, 3km

Table with 4 columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Main table of station data for the first section, including stations like WRR, ASAR, MKAR, NSPP, TIF, NOR, etc.

Table with 4 columns: ISJCJB 06 14:50:37.0-0.5, 5.33S-103.43E, h93km, 3km, mb4.3/22, Error ellipse: s-maj=9.8km s-min=4.2km az=44.5

Table with 4 columns: NEIC 06 14:50:38.1-0.6, 5.17S-103.45E, h80km, 5km, mb4.4/2, Error ellipse: s-maj=10.7km s-min=6.1km az=224.0

Table with 4 columns: ISJC 06 14:50:37.5-0.8, 5.36S-103.43E, h82km, 6km, mb3.9/15, mb1 4.0/16, mb1mx3.8/43, mbtmp4.3/16, MS3.0/3

Table with 4 columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Main table of station data for the second section, including stations like LWLI, KASI, MNAI, MNSI, etc.

Table with 4 columns: LZH, Lanzhou, 41.23 1 eP, P, 14.58 20.1 +5.4

Table with 4 columns: STKA, Stephens Creek, 44.38 131 P, P, 14.58 42.3 +2.2

Table with 4 columns: WMQ, Wunju Array Si, 48.30 26 eP, P, 14.59 09.2 -1.4

Table with 4 columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Main table of station data for the third section, including stations like KSH, MJAR, SONM, etc.

Table with 4 columns: ISJCJB 06 14:52:12.3-0.6, 36.28N-102.27E, h10km, 5km, Error ellipse: s-maj=4.4km s-min=3.5km az=29.3

Table with 4 columns: ISJC 06 14:52:12.3-0.6, 36.34N-102.18E, h10km, ML2.6/6, Error ellipse: s-maj=1.1km s-min=0.6km az=152.0

Table with 4 columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Main table of station data for the fourth section, including stations like NIS1, NIS2, NIS3, etc.

Table with 4 columns: AYDN, Tasuluk, 1.45 22 iP, Pg, 14.52 40.4 0.0

Table with 4 columns: IDC 06 14:59:29.7-5.6, 25.24N-141.52E, h0km, mb4.0/5, mb1 4.0/5, mb1mx3.6/56, mbtmp4.0/5, Error ellipse: s-maj=120.6km s-min=95.8km az=96.0, Volcano Islands region

Table with 4 columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Table with 4 columns: USRK, Ussuriysk Ar., 20.45 340 Op, ISC, 15.04 09.0 +0.3

Table with 4 columns: ISJC 06 15:02:05.2-1.0, 2.66N-107.126E, h50km, h55km, mb3.6/3, Error ellipse: s-maj=12.5km s-min=9.0km az=160.2

Table with 4 columns: ISJC 06 15:02:07.9-1.5, 3.24N-121.62E, h26km, 16km, M4.0/7, mb4.3/4, MLV3.8/7

Table with 4 columns: ISJC 06 15:02:07.6-1.2, 2.70N-107.126E, h50km, h55km, n10, c1949.12, mb3.7/3, Northern Moloka Sea

Table with 4 columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Main table of station data for the fifth section, including stations like SGGI, SGG2, SGG3, etc.

Table with 4 columns: IDC 06 15:13:38.9-1.4, 52.84N-152.73E, h526km, 24km, mb2.6/3, mb1 2.8/6, mb1mx2.5/50, mbtmp3.5/6, Error ellipse: s-maj=34.3km s-min=20.3km az=125.0, Northwest of Kuril Islands

Table with 4 columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Main table of station data for the sixth section, including stations like PETK, SEYK, MJAR, etc.

Table with 4 columns: GUC 06 15:23:51.7-0.7, 21.09S-67.70W, h211km, 13km, ML3.5, ID, Chile-Bolivia border region

Table with 4 columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Main table of station data for the seventh section, including stations like PB08, PB09, PB10, etc.

Table with 4 columns: MAN 06 15:25:23.5, 8.13N-124.98E, h31km, mb4.1, ML2.9, MS2.7, 2C, Mindanao

Table with 4 columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Main table of station data for the eighth section, including stations like BUKP, BUKP, CGP, etc.

Table with 4 columns: ISJC 06 15:28:16.3-0.8, 24.41S-179.16E, h500km, mb3.3/4, Error ellipse: s-maj=18.1km s-min=8.7km az=4.9

Table with 4 columns: ISJC 06 15:28:16.3-0.8, 24.66S-179.79E, h490km, 33km, mb2.9/4, mb1 3.4/5, mb1mx3.1/28, mbtmp4.0/5, Error ellipse: s-maj=42.1km s-min=22.3km az=167.0

Table with 4 columns: WEL 06 15:28:17.2-1.2, 25.50S-179.94E, h605km, 20km

Table with 4 columns: ISJC 06 15:28:17.5-0.9, 24.44S-179.16E, h500km, n28, c211/35, mb3.3/4, South of Fiji Islands

Table with 4 columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC

Main table of station data for the ninth section, including stations like RIZ, RAO, GLKZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MWZ, MUGZ, RIGZ, etc.

MAN 06 15:41:18.2, 8.22N, 125.09E, h28km, mb3.8, ML2.6, MS2.2, 1C, Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BUKP, CGP, PAGZ, etc.

IDC 06 15:51:00.2-4.7, 13.53N-143.39E, h114km, 39km, mb3.2/3, mb1 3.6/3, mb1mx3.2/32, mbtmp3.6/4, MS2.9/1, Ms1 2.9/1, ms1mx2.4/15, Error ellipse: s-maj=74.8km s-min=19.4km az=118.0, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GUMO, WRA, ASAR, etc.

JMA 06 16:14:13.0-0.2, 25.75N-123.90E, h183km, M3.6, Northeast of Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JISG, JIJ, JIR, etc.

IDC 06 16:26:49.6-2.6, 4.21N-123.62E, h0km, mb3.2/3, mb1 3.6/3, mb1mx3.2/26, mbtmp3.2/3, Error ellipse: s-maj=347.1km s-min=27.2km az=63.0, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA, ASAR, MKAR, etc.

IDC 06 16:29:43.9-2.1, 6.77S-129.05E, h0km, mb3.3/1, mb1 3.6/3, mb1mx3.2/1, mbtmp3.4/3, ML3.7/2, Error ellipse: s-maj=140.8km s-min=30.9km az=67.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA, ASAR, MKAR, etc.

MAN 06 16:31:08.7, 9.88N-122.26E, h44km, mb3.8, ML2.6, MS2.2, 1D, Negros

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GUMI, SNPH, CUYO, etc.

PDA 06 16:36:21.9-0.7, 38.63N-29.32W, h7km, mb3.8, ML3.5, ML2.4, Error ellipse: s-maj=7.3km s-min=5.6km az=74.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PCED, CALA, HOR, etc.

IDC 06 16:41:41.3-9.4, 32.48S-68.51W, h98km, 72km, mb3.5/1, mb1 3.6/2, mb1mx3.3/19, mbtmp3.8/2, ML4.1/1, Error ellipse: s-maj=185.0km s-min=56.6km az=136.0, GUC 06 16:41:43.0-6.3, 30.63S-69.47W, h132km, 18km, ML4.0, ISC 06 16:41:42.0-1.0, 31.73S-0.04-69.1W-0.1, h109km-13km, n14, c121/21, 5C-1D, San Juan Province

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like FCH, PEL, ROCH, etc.

IDC 06 16:42:58.8-3.1, 7.05S-151.95E, h0km, mb3.1/3, mb1 3.4/4, mb1mx3.3/34, mbtmp3.3/4, ML1.7/1, MS3.4/1, Ms1 3.4/1, ms1mx2.4/15, Error ellipse: s-maj=82.1km s-min=31.0km az=122.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PMG, WRA, ASAR, etc.

MAN 06 16:46:12.0, 10.44N-126.50E, h14km, mb4.6, ML3.5, MS3.5, 1C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BESP, MSLP, PLP, etc.

IDC 06 16:55:11.8-9.17, 0.54771N-0.25W, h0km, Error ellipse: s-maj=453.9km s-min=196.9km az=104.0, United Kingdom

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like I266E, I43RU, I31KZ, etc.

ISCJB 06 17:03:01.0-1.0, 24.1S-0.1x179.8W-0.2, h500km, mb3.9/6, Error ellipse: s-maj=25.3km s-min=11.0km az=135.9, IDC 06 17:03:02.4-3.3, 24.05S-179.87E, h472km, 44km, mb3.5/6, mb1 3.6/8, mb1mx3.2/26, mbtmp3.4/8, Error ellipse: s-maj=37.2km s-min=20.1km az=160.0, ISC 06 17:03:02.7-0.9, 24.0S-0.1x179.9W-0.1, h500km, n8, c279/9, mb3.9/6, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like AFI, URZ, CTA, etc.

ISCJB 06 17:04:03.1-0.7, 35.57N-0.04-140.16E-0.06, h76km, 6km, mb3.4/2, Error ellipse: s-maj=9.5km s-min=5.4km az=149.3, JMA 06 17:04:03.4-0.2, 35.65N-140.17E, h66km, 2km, M2.8, IDC 06 17:04:06.4-2.7, 35.45S-139.91E, h80km, 18km, mb3.1/2, mb1 3.2/3, mb1mx2.9/34, mbtmp3.4/3, Error ellipse: s-maj=45.5km s-min=6.7km az=67.0, ISC 06 17:04:04.2-1.1, 35.58N-0.05-140.14E-0.06, h69km, 8km, n15, c054/25, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JCN, BSO, JOD, etc.

IDC 06 17:24:50.7-3.08, 0.5356N-3.62E, h0km, Error ellipse: s-maj=126.6km s-min=100.5km az=134.0, North Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like I266E, I48TN, I43RU, etc.

GUC 06 17:48:29.7-0.7, 35.71S-71.80W, h91km, 7km, ML3.5, Central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GO05, CCHI, I42PT, etc.

IDC 06 17:51:46.1-26.0, 20.06S-173.02W, h0km, mb4.3/4, mb1 4.5/4, mb1mx3.8/35, mbtmp3.4/4, Error ellipse: s-maj=484.6km s-min=152.6km az=75.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CTA, STKA, ASAR, etc.

ISCJB 06 18:10:03.7-0.7, 37.81N-0.04-26.77E-0.06, h13km, Error ellipse: s-maj=7.6km s-min=4.6km az=137.7, ISK 06 18:10:03.4, 37.81N-26.77E, h10km, ML2.0/5, DDA 06 18:10:04.5, 37.82N-26.82E, h7km, ML2.5, ISC 06 18:10:04.0-1.1, 37.81N-0.04-26.80E-0.05, h13km, n12, c054/17, Decadence Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DGB, GMLD, GCAM, etc.

MEX 06 18:19:30.7-0.5, 16.22N-98.13W, h3km, 4km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PNIG, TLIG, etc.

ISCJB 06 18:21:13.7-0.4, 41.13S-0.07-85.7E-0.1, h10km, mb5/25, MS4-7/31, Error ellipse: s-maj=13.0km s-min=9.6km az=22.5, IDC 06 18:21:13.9-0.5, 41.12S-85.63E, h0km, mb4.5/21, mb1 4.5/21, mb1mx4.4/42, mbtmp4.4/21, MS4.6/31, Ms1 4.6/31, ms1mx4.5/40, Error ellipse: s-maj=18.1km s-min=14.4km az=121.0, NEIC 06 18:21:15.5-0.3, 41.12S-85.65E, h10km, mb4.6/4, Error ellipse: s-maj=10.9km s-min=8.7km az=111.0, GCMT 06 18:21:18.5-0.1, 41.14S-0.01-85.80E-0.1, h12km, 1km, MW5-2/12, Moment Tensor Solution, s71, c111, s112, c200, Duration: 19.0 Moment tensor: Scale 10^17 N/m, Mrr=0.06, P11: Mw0.96e, O2: Mw0.90e, O2: Mw0.07e, O4: Mw0.02e, O1: Mw0.01e, O3: Best double couple: M0.93200-10^17 NP1.345, 00000-888, 00000-177, 00000- NP2.135, 00000-887, 00000-13, 00000-1, Principal axes: T 0.9630, Plg4.0000, Azm360.0000; N

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like Cape Leeuwin H, Narrogin (SRO), Casey, Mawson, Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like SHL Shillong, GUWA GUWAHATI, SILCHAR, TEZPUR, BRDH Baridhala, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, ILAR Eielson Array, H11N2 WAKE ISLAND Hy, etc.

ISCJB 06 18:27:07.5, 0.8, 25.49N, 0.04, 90E, 0.03, h26km, 6km, mb4, 1/22, Error ellipse: s-maj=6.5km s-min=4.6km az=160.9

IDC 06 18:29:33.9, 2.4, 53.12N, 171.16E, h0km, mb3.2/3, mb1 3.6/4, mb1mx3.3/6.3, mbtmp3.3/4, ML2.3/1, Error

MAN 06 18:31:51.8, 10.26N, 126.16E, h10km, mb4.8, ML3.7, M3.8, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res. Includes stations like PLCA, TROA, LPAZ, SIV, QSPA, MAW, TXAR, NVAR, PDAR, MFID, ZALV, MKAR.

BJI 06 19:04:19.4, 10.59N:126.82E, h8km, mb4.9/59, mB5.0/32, Ms4.2/27, Ms7.4/127
IDC 06 19:04:23.2, 0.4, 10.98N:126.61E, h0km, mb4.7/28, mb1.4/7.29, mb1.0/7.33, mbtmp4.7/29, ML4.0/1, MS3.8/9, Ms1.3/9.9, ms1mx3.3/53, Error ellipse: s-maj=1.7, 7.7km s-min=9.4km az=81.0
NEIC 06 19:04:25.8, 2.1, 10.95N:126.61E, h16km, 13km, mb5.0/60, Error ellipse: s-maj=5.5km s-min=3.4km az=75.0
ISCBJ 06 19:04:26.3, 0.9, 11.03N:102.267E, 0.02, h29km, 6km, mb4.8/17, MS4.0/11, Error ellipse: s-maj=4.2, 4.0km s-min=3.3km az=2.8
MAN 06 19:04:26.8, 1.1, 0.88N:126.68E, h32km, mb5.2, ML4.2, MS4.4
MOS 06 19:04:26.6, 0.9, 10.94N:126.60E, h39km, mb5.1/37, Error ellipse: s-maj=5.8km s-min=5.2km az=121.2
DJA 06 19:04:33.7, 2.0, 11.12N:121.75E, h79km, 11km, M4.7/24, mb4.8/24, mB5.0/8, MLV5.2/2, Mw(m)B4.3/8
KLM 06 19:04:37.0, 10.83N:126.64E, h107km, mb4.6
ISC 06 19:04:29.1, 0.4, 11.03N:102.267E, 0.06, h38km, 2km, n350, s131/374, mb4.9/117, MS3.9/13, 23C-21D, Philippine Islands region

Main table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res. Lists various stations and their coordinates.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PESTR, OUK, OUK, OUK, PAB, ETOB, ESDC, PMTG, PMRV, PMRV, EPLA, MVO, MVO.

JMA 06:20:30.49.9.0.6, 44.29N; 152.06E, h30km, M4.3
SKHL 06:20:30.51.7.0.3, 43.77N; 151.86E, h41km, 2km, mb4.3/3
IDC 06:20:30.56.1.2.4, 45.13N; 151.28E, h0km, mb4.0/4,
mb1.4/1.7, mb1mx3.7/53, mbtmp4.0/7, M3.6/2, Error
ellipse: s-maj=69.3km s-min=25.6km az=168.0

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR, KUR, KUR, SHO, SHO, SHO, SHO, SHO, YUK, YUK, YUK, YUK, LAGR, LAGR, LAGR, GRPR, GRPR, GRPR, NEM2, NEM2, GLVR, GLVR, GLVR, JRA, JNK, JAK, JAK, JAR, JOB, JOB, JCH, JCH, ASAJ, JFR, JNBK, JBT2, JBT2, JNB, JKB, JANG, JANG, JTM, JTM, OFUJ, OFUJ, JRG, JRG, JIO, JIO, PETK, USRK, MKAR, MKAR, KURBB, KURBB, KBZ, KBZ, TXAR, TXAR.

ISCJB 06:20:42:58.71.1.68; 72N; 0.02: 16.75W; 0.08, h8km, 7km,
mb4.2/42, MS3.8/22, Error ellipse: s-maj=5.3km
s-min=3.3km az=15.8

IDC 06:20:42:59.0.5.68; 82N; 16.52W; h0km, mb4.1/22,
mb1.4/3/29, mb1mx4.2/48, mbtmp4.1/29, M3.4/5, MS3.7/23,
MS1.3/7/23, ms1mx3.5/53, Error ellipse: s-maj=15.1km
s-min=11.2km az=27.0

GCMT 06:20:43:00.9.0.3.68; 90N; 0.03: 16.46W; 0.05, h21km, 2km,
MW4.8/66, Moment Tensor Solution, s5,c6; s86,c95;
Duration: 0 Moment tensor: Scale 10^19Nm, m1: 0.16; 11;
Mw: 0.11; 09; Mw: 0.05; 09; Mw: 0.49; 15; Mw: 1.72; 08;
Mo: -0.23; 16; Best double couple: M1: 7.93N, 101E
NP1=271.00000; s85.00000; r15.00000; NP2:
0.180.00000; s75.00000; r175.00000; Principal axes:
T 1.9240, Plg14.0000; Azm136.0000; N -0.2640,
Plg75.0000; Azm289.0000; P -1.6610, Plg7.0000;
Azm44.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

NEIC 06:20:43:00.9.0.2.68; 83N; 16.42W; h10km, mb4.5/8 Error
ellipse: s-maj=6.1km s-min=4.6km az=210.0
REY 06:20:43:00.8.1.0.68; 83N; 16.38W; h10km, mb4.5/8
IDC 06:20:43:00.8.1.0.68; 83N; 16.46W; 0.05, h11km, 2km,
ISC 06:20:43:00.7/146, mb4.4/44, MS3.8/23, 8C-6D, Iceland
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IGRI, IGRI, IGRI, ILEI, ILEI, ILEI, SCO, SCO, IFLA, IFLA.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IFLA, IGIL, IGIL, IBRE, IBRE, IHED, ISIG, IDIM, IDIM, IGRA, IGRA, IHLA, IHLA, IGHA, IGHA, IHRN, IKVO, IKVO, IREN, IREN, IMEL, IMEL, IMC, IMC, JMJC, JMJC, ISVA, ISVA, ISVA, IASK, IASK, IMKO, IKRE, IDYN, IHVE, ISKR, IGRF, BORG, LJOK, DAG, DAG, SUMG, SUMG, AKN, SUE, HSS, HSS, HSPB, ASK, DOMB, KBS, KBS, KBS, SPAO, SPITS, SPITS, SPITS, KMY, BLSJ, NOA, NOA, ARCES, ARCES, EKA, HFS, HFS, VAL, FINES, FINES, FRB, CLL, CLL, CLL, CLL, CLL, BRG, BRG, RES, GRFO, PVCC, PVCC, KSP, BFO, PRA, PRU, PRU, PRU, GOPC, GOPC, GOPC, DPC, DPC, KHC, GERES, GERES, GERES, MORC, MORC, MORC, DAVA, DAVA, VRAC, VRAC, VRAC, OKC, OKC, KRUC, KRUC.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OJC, MOTA, WATA, DAVOX, DAVOX, WTTA, MOA, SMOL, CONA, LANS, MODS, KBA, ABTA, VYHS, SOP, MYKA, CRVS, SOKA, OBKA, KECS, PERS, PSC, JAVS, VISS, TRPA, AKASG, AKASG, BURAR, ESDC, ESDC, SORM, BZS, TESR, HIER, ARR, VOIR, PLOK, NRIK, YKA, YKA, KBZ, KBZ, BRTR, BRTR, ULM, BVAR, EGAG, DAWY, ILAR, ILAR, DLBC, ZALV, ZALV, ZALV, KURK, KURBB, EGMT, BBB, GEYT, BOZ, MKAR, PDAR, PDAR, DUG, SONM, SONM, TORO, TORO, NVAR, TXAR, GTA, GTA, GTA, USRK, KRSR, MJAR, CMAR, SIV, WRA, ASAR, ASAR, ASAR, ISCJB, NEIC, NEIC, BUJ, IDC, IDC, GCMT.

6d 21h

Plg24.0000°, Azm330.0000°; P - 5.4980, Plg7.0000°, Azm237.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 06 21:04:21.7,0.3,16:155:0.05:73:50W,0.05,h50km,2km,h50km;pP,n578,e1932/612,m4.8/170,MS4.0/21,5C-3D,

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC. Lists station data for 'Near coast of Peru'.

2012 SEP

Table with columns: Station Name, Time, Res, ISC. Lists station data for '2012 SEP'.

412

Table with columns: Station Name, Time, Res, ISC. Lists station data for '412'.

Q45A	Warren Harvey, baz=159, baz=163, SNR=5.1	56.44 346	P	P	21 13 56.6	-1.7
O52A	Adamsville, baz=170	56.51 352	P	P	21 13 57.4	-1.4
R42A	Luebbering, baz=160	56.52 344	P	P	21 13 57.3	-1.6
MNTX	Cornudas Mount, 3.3nm, 1.0s	56.56 327	eP	P	21 13 57.3	-2.1
MNTX	Cornudas Mount, baz=142, SNR=5.9	56.56 327	P	P	21 13 57.5	-1.9
SSPA	Standing Stone, 15nm, 1.1s	56.63 356	eP	P	21 13 59.5	-0.2
Q44A	Meyer Farm, Va, baz=162, SNR=7.4	56.65 346	P	P	21 13 58.1	-1.8
R41A	Rosebud, baz=159	56.69 343	P	P	21 13 58.8	-1.4
S39A	Bolivar, 16nm, 0.9s	56.70 341	eP	P	21 13 59.1	-1.1
S39A	Bolivar, baz=157, SNR=12	56.70 341	P	P	21 13 58.9	-1.3
ACSO	Alum Creek Sta, 17nm, 1.1s	56.78 351	eP	P	21 13 59.7	-1.1
ACSO	Alum Creek Sta, baz=169	56.78 351	P	P	21 13 59.1	-1.6
O50A	Cable, baz=168	56.79 351	P	P	21 13 59.1	-1.7
N59A	State Game Lan, 56.81 358	eP	P	21 13 59.7	-1.3	
S38A	Stockton, baz=156, SNR=5.4	56.83 341	P	P	21 13 59.8	-1.4
Q43A	New Douglas, baz=161	56.86 345	P	P	21 13 59.7	-1.6
P46A	Rosedale, baz=164	56.93 347	P	P	21 13 59.8	-2.0
R40A	Maddies Statio, 12nm, 1.1s	56.94 342	eP	P	21 14 00.8	-1.1
R40A	Maddies Statio, baz=158	56.94 342	P	P	21 14 00.1	-1.8
O49A	Covington, baz=168	56.94 350	P	P	21 14 00.1	-1.8
P45A	Graceland, Par, 19nm, 0.9s	56.96 347	eP	P	21 14 00.5	-1.5
P45A	Graceland, Par, baz=164, SNR=6.3	56.96 347	P	P	21 13 59.9	-2.1
Q42A	Golden Eagle, baz=160, SNR=6.3	57.04 344	P	P	21 14 01.2	-1.4
P44A	Sand Creek, WI, baz=163	57.01 346	P	P	21 14 01.1	-1.8
N54A	Moraine State, 11nm, 0.9s	57.13 354	eP	P	21 14 02.2	-1.1
O48A	Farmland, baz=167	57.15 349	P	P	21 14 01.5	-1.9
R39A	Chumby, Stover, baz=159	57.19 342	P	P	21 14 02.3	-1.4
Q41A	Truxton, baz=160	57.27 344	P	P	21 14 02.7	-1.5
O47A	Sheridan, baz=165	57.32 348	P	P	21 14 02.6	-2.0
N50A	Nevada, baz=169	57.33 351	P	P	21 14 02.9	-1.7
R38A	Fenwick Farm, baz=156, SNR=5.1	57.34 341	P	P	21 14 03.5	-1.2
P43A	Skaggs, Pawnee, baz=162	57.48 345	P	P	21 14 03.8	-1.9
Q40A	Laux Farm, Aux, baz=159	57.54 343	P	P	21 14 04.4	-1.7
P42A	Winchester, 13nm, 0.8s	57.63 345	eP	P	21 14 05.5	-1.3
P42A	Winchester, baz=161	57.63 345	P	P	21 14 04.9	-1.8
SFIN	Lafayette, baz=164	57.64 348	P	P	21 14 04.5	-2.3
M54A	Oil Creek Stat, baz=173	57.64 355	P	P	21 14 05.4	-1.4
O45A	Potomac, baz=164	57.64 347	P	P	21 14 04.4	-2.4
N48A	Decatur, baz=167	57.71 350	P	P	21 14 05.3	-2.0
BRYW	Bryant College, 32nm, 1.0s	57.80 2	eP	P	21 14 07.3	-0.6
Q39A	Willow Grove F, baz=158	57.85 342	P	P	21 14 06.9	-1.4
P41A	Barry, Barry, baz=160	57.90 344	P	P	21 14 06.9	-1.7
M50A	Fremont, baz=169	57.93 352	P	P	21 14 07.6	-1.3
Q38A	Cooks Store, C, baz=157, SNR=11	57.96 342	P	P	21 14 08.0	-1.1
RKT	Rikitea, 12nm, 0.3s	57.96 253	eT	T	22 16 01.1	
P40A	Paris, baz=159	58.03 343	P	P	21 14 08.1	-1.4
O43A	Sugar Creek Fa, baz=162	58.04 346	P	P	21 14 07.4	-2.2
BINY	Binghamton, baz=177	58.10 358	P	P	21 14 09.8	-0.2
O42A	Bath, baz=161	58.14 345	P	P	21 14 08.5	-1.8
QUA2	Belchertown, 12nm, 1.0s	58.14 1	eP	P	21 14 08.9	-1.3
M49A	Liberty Center, baz=168	58.14 351	P	P	21 14 08.7	-1.6
Q37A	Longview Farm, baz=156	58.14 341	P	P	21 14 09.1	-1.2
P39B	Salisbury, baz=158	58.19 343	P	P	21 14 09.1	-1.6
N44A	Piper City, baz=163	58.26 347	P	P	21 14 08.7	-2.4
O41A	Passleys Farm, baz=160	58.27 344	P	P	21 14 09.1	-2.1
HRV	Adam Dzewonsk, baz=182	58.38 2	P	P	21 14 10.1	-1.9
319A	Douglas, 9.1nm, 0.3s	58.42 324	eP	P	21 14 13.2	+0.6
O40A	La Belle, baz=159	58.53 344	P	P	21 14 26.4	0.0
P38A	Dawn, 8.0nm, 0.9s	58.55 342	eP	P	21 14 11.3	-1.7
P38A	Dawn, baz=157	58.55 342	P	P	21 14 11.8	-1.3
N43A	Stutzman Famil, baz=162	58.63 346	P	P	21 14 11.9	-1.8
L48A	N Adams, baz=168	58.67 350	P	P	21 14 12.6	-1.4
N42A	Yates City, baz=161	58.73 345	P	P	21 14 12.7	-1.7
P37A	Lathrop, baz=156	58.76 341	P	P	21 14 13.0	-1.6
N41A	Harden Midland, 16nm, 0.9s	58.81 345	eP	P	21 14 13.7	-1.3
N41A	Harden Midland, baz=160	58.81 345	P	P	21 14 13.1	-1.9
L47A	Sherwood, baz=169	58.83 350	P	P	21 14 13.2	-1.9
M43A	Waltham Townsh, baz=163	59.05 346	P	P	21 14 14.4	-2.2
N40A	Mertquake, Sal, baz=160	59.17 344	P	P	21 14 15.4	-2.0
TYNO	Tyneside, baz=173	59.24 355	P	P	21 14 19.4	+1.5
LPM	Los Pinos Moun, 59.26 328	eP	P	21 14 17.9	-0.6	
M40A	Post Highland, baz=160	59.64 344	P	P	21 14 18.8	-1.9
ANMO	Albuquerque, 2.2nm, 1.0s	59.68 329	eP	P	21 14 21.1	-0.3
L43A	Garden Prairie, baz=163	59.72 347	P	P	21 14 19.6	-1.6
N37A	Lee Faris, Mou, 23nm, 0.9s	59.79 342	eP	P	21 14 21.4	-0.3
N37A	Lee Faris, Mou, baz=157	59.79 342	P	P	21 14 20.4	-1.4
DRWO	Darlington Wes, baz=174	59.91 356	P	P	21 14 22.0	-0.5
DRCO	St. Marys Ceme, baz=174	59.92 356	P	P	21 14 21.8	-0.8
CBK5	Cedar Bluff, 12nm, 0.9s	59.94 336	eP	P	21 14 21.7	-1.1
WLVO	Wesleyville, baz=174	59.94 356	P	P	21 14 22.1	-0.5
L41A	Preston, baz=161	60.02 345	P	P	21 14 21.9	-1.3
K43A	Burlington, baz=163	60.13 347	P	P	21 14 22.2	-1.8
L40A	Anamosa, 18nm, 1.1s	60.18 345	eP	P	21 14 23.0	-1.4
L40A	Anamosa, baz=160	60.18 345	P	P	21 14 22.6	-1.8

BWLO	Walkerton, baz=172	60.37 354	P	P	21 14 24.9	-0.8
K42A	Prairie Point, baz=162	60.42 347	P	P	21 14 24.5	-1.5
L39A	Winton, baz=159	60.44 344	P	P	21 14 24.3	-1.9
K41A	Shullsburg, baz=161	60.47 346	P	P	21 14 24.7	-1.6
T25A	Trinidad, 3.3nm, 1.0s	60.48 332	eP	P	21 14 27.0	+0.2
LONY	Lake Ozonia, baz=179	60.48 359	P	P	21 14 24.6	-1.8
DELO	Deloro Mine, baz=171	60.48 357	P	P	21 14 25.5	-0.9
BRCO	Bruce Peninsul, baz=161	60.53 353	P	P	21 14 26.4	-0.4
FRNY	Flat Rock, 1.9nm, 0.8s	60.69 360	eP	P	21 14 27.1	-0.6
K40A	Colesburg, baz=160	60.76 345	P	P	21 14 26.5	-1.9
J43A	Natural Harves, baz=164	60.79 348	P	P	21 14 26.9	-1.7
EMMW	East Matchias, 26nm, 1.1s	60.81 5	eP	P	21 14 28.4	-0.2
SADO	Sadowa, 6.2nm, 0.8s, baz=192, slow=6.5, SNR=4.3	60.84 355	P	P	21 14 27.6	-1.2
SADO	Sadowa, 6.7nm, 0.9s, baz=267, slow=6.0, SNR=3.4	60.88 347	P	P	21 14 42.0	-0.7
J42A	Columbus, baz=163	60.88 347	P	P	21 14 27.3	-1.8
K39A	Oelwein, baz=160	60.95 345	P	P	21 14 27.8	-1.9
PLVO	Plevna, 10nm, 1.1s	60.98 357	eP	P	21 14 29.6	-0.2
PLVO	Plevna, baz=176	60.98 357	P	P	21 14 30.0	+0.2
J41A	Loganville, baz=162	61.12 346	P	P	21 14 29.3	-1.5
K38A	Parkersburg, baz=159	61.13 344	P	P	21 14 29.3	-1.6
L36A	Har Buss Farm, baz=157	61.16 342	P	P	21 14 30.1	-1.0
I43A	Langenfeld Bro, baz=164	61.22 348	P	P	21 14 30.1	-1.4
PKME	Peak-Kenny Pk, 7.1nm, 1.0s	61.23 3	eP	P	21 14 30.7	-0.7
J40A	Soldiers Grove, baz=161	61.32 346	P	P	21 14 30.5	-1.7
I42A	Draeger Farm, baz=163	61.38 347	P	P	21 14 31.2	-1.3
SDCO	Great Sand Dun, 7.8nm, 1.0s	61.47 331	eP	P	21 14 33.8	+0.2
SDCO	Great Sand Dun, baz=144, SNR=5.8	61.47 331	P	P	21 14 32.7	-0.9
K37A	Belmont, baz=158	61.48 343	P	P	21 14 31.3	-1.9
ALFO	Alfred, baz=178	61.49 359	P	P	21 14 33.4	+0.2
J39A	Decorah, baz=160	61.50 345	P	P	21 14 31.6	-1.7
BUKO	Buck Lake, baz=173	61.53 355	P	P	21 14 33.0	-0.4
K36A	Gilmore City, baz=176	61.59 343	P	P	21 14 32.7	-1.3
PEMO	Pembroke, baz=164	61.62 357	P	P	21 14 34.0	-0.1
BGNE	Belgrade, baz=159	61.64 339	P	P	21 14 32.5	-1.9
J38A	Wedel Dairy, R, baz=159	61.68 344	P	P	21 14 32.9	-1.7
H43A	Windswept, Lux, 1.1nm, 0.8s	61.71 348	eP	P	21 14 33.4	-1.4
H43A	Windswept, Lux, baz=164	61.71 348	P	P	21 14 33.4	-1.4
I41A	Arkdale, baz=162	61.75 347	P	P	21 14 33.5	-1.6
I40A	Norwalk, baz=161	61.76 346	P	P	21 14 33.8	-1.3
X16A	Lo Mia Camp, P, 3.9nm, 0.9s	61.89 325	eP	P	21 14 37.1	+0.7
H42A	Shiocton, 22nm, 1.1s	61.90 348	eP	P	21 14 35.1	-0.9
H42A	Shiocton, baz=164	61.90 348	P	P	21 14 34.6	-1.4
I39A	Houston, baz=160	61.94 345	eP	P	21 14 35.4	-0.9
I39A	Houston, baz=160	61.94 345	P	P	21 14 34.9	-1.4
J37A	Redenius Farm, baz=158	61.96 344	P	P	21 14 35.1	-1.4
TRQ	Mont Tremblant, 28nm, 1.0s	62.08 359	eP	P	21 14 37.2	-0.1
LMN	Caledonia Moun, 28nm, 1.0s	62.20 7	eP	P	21 14 37.9	-0.1
Q24A	Divide, 3.7nm, 0.9s	62.31 332	eP	P	21 14 39.0	-0.3
I38A	Scanlan Farm, baz=159, SNR=6.3	62.32 345	P	P	21 14 37.4	-1.4
H40A	Chili, baz=162	62.40 346	P	P	21 14 37.8	-1.6
G42A	Mountain, baz=164	62.58 348	P	P	21 14 38.7	-1.8
WU4Z	Wupatki, 7.0nm, 1.1s	62.67 326	eP	P	21 14 42.4	+0.8
H38A	Maiden Rock, baz=160	62.90 345	P	P	21 14 41.5	-1.2
H37A	Dierke Farm, C, baz=159	62.95 345	P	P	21 14 42.0	-1.2
F41A	Three Lakes, baz=163	63.19 348	P	P	21 14 43.2	-1.5
G39A	Holcombe, baz=161	63.21 346	P	P	21 14 43.2	-1.6
ECSD	EROS Data Cent, baz=155, SNR=10	63.23 341	eP	P	21 14 44.1	-0.9
ECSD	EROS Data Cent, baz=155, SNR=10	63.23 341	P	P	21 14 43.7	-1.2
PV01	Paradox Valley, baz=161	63.23 330	eP	P	21 14 45.2	-0.1
LATQ	La Tuque, baz=151	63.24 1	P	P	21 14 44.6	-0.3
G38A	Ridgeland, baz=160	63.26 346	P	P	21 14 44.3	-1.5
PV02	Paradox Valley, 3.3nm, 0.9s	63.37 329	eP	P	21 14 46.3	0.0
PV13	Radium Mtn., P, 3.7nm, 1.0s	63.38 329	eP	P	21 14 46.0	-0.3
E43A	Lone Tree Farm, baz=165	63.41 350	P	P	21 14 44.8	-1.2
BELO	Bellevue, baz=174	63.42 356	P	P	21 14 45.8	-0.3
PV03	Paradox Valley, 4.3nm, 1.0s	63.46 329	eP	P	21 14 45.8	-1.1
PV18	Skein Mesa, Pa, 2.9nm, 1.1s	63.49 329	eP	P	21 14 46.1	-0.9
PV11	David Mesa, Pa, 4.1nm, 1.1s	63.51 329	eP	P	21 14 47.1	-0.1
SPMN	Marine on St., baz=159	63.55 345	P	P	21 14 45.6	-1.3
F40A	Park Falls, baz=162	63.58 347	P	P	21 14 46.2	-0.9
H35A	Sunnyside Ranc, baz=157, SNR=5.3	63.59 343	P	P	21 14 46.1	-1.2
PV22	Bluesesa, Par, 2.0nm, 0.8s	63.65 330	eP	P	21 14 47.8	-0.3
F39A	Loretta, baz=161	63.75 347	P	P	21 14 47.2	-1.1
W13A	Hualapai Mount, baz=161	63.76 324	eP	P	21 14 48.7	-0.2
U15A	North Rim, 3.2nm, 1.0s	63.85 326	eP	P	21 14 49.9	+0.4
F38A	Pierce - Schro, baz=160	64.01 346	P	P	21 14 48.9	-1.1
E40A	Wakefield, baz=162	64.				

6d 21h

Table of station data for 6d 21h, including columns for station name, coordinates, and various parameters like elevation and frequency.

2012 SEP

Main table of station data for 2012 SEP, listing stations like MAJO Matsushiro, IRO GOSD, and others with their respective coordinates and parameters.

414

Table of station data for 414, including stations like BUKP Musuan, CAGP Cagayan de Oro, and others with their coordinates and parameters.

TXAR Lajitas Array 117.30 49 PKP PKPdf 22 06 18.6 +1.0
TORO Torodi Ar. Bea 120.57 292 PKP PKPab 22 06 23.3 -0.8
PLCA Paso Flores 14.23 156 PKP Pcb 22 07 13.2 -0.1

JMA 06 22:10:49.56:9.0,4.6:82N;145.24E,h419km,M3.6,Sea of Okhotsk
Code Station Name Az AZZ Phase ID Time Res h m s ISC

IDC 06 22:10:10.6:2.1,54.37N;158.26E,h0km,m4.0/0.5,mb1.4/1.6,mb1mx3.6/46,mbtmpr0.6/0.6,ML4.1/1,MS3.4/1,Ms1.3/3.1,ms1mx2.6/37.8,Error ellipse: s-maj=66.9km s-min=12.9km az=97.0

IS/CJB 06 22:10:14.0:0.5,52.98N;0.04:159.60E;0.07,h100km,3km,mb3.8/5,Error ellipse: s-maj=8.9km s-min=4.2km az=40.3

MOS 06 22:10:13.6:1.6,52.99N;159.62E,h94km,mb3.9/4,Error ellipse: s-maj=11.2km s-min=5.3km az=82.2

KRSC 06 22:10:13.6:0.7,52.99N;159.62E,h94km,mb3.9/4,Error ellipse: s-maj=11.2km s-min=5.3km az=82.2

ISC 06 22:10:13.7:0.0,52.98N;0.04:159.63E;0.04,h98km,5km,n86,1923/119,mb3.8/5,Off east coast of Kamchatka Peninsula

Code Station Name Az AZZ Phase ID Time Res h m s ISC
NLC Nalytchevo 0.26 318 eP Pn 22 10 28.4 +0.5
NLC Nalytchevo 0.26 318 PN Pn 22 10 28.4 +0.5
SPN Mys Shipunski 0.26 63 iP S 22 10 28.7 +0.8

AVH Avacha 0.61 298 iP Pn 22 10 31.3 +1.0
AVH Avacha 0.61 298 eS S 22 10 43.6 +1.0
AVH Avacha 0.61 298 PN Pn 22 10 31.3 +1.0
KRER Koryakskii 0.62 302 eP S 22 10 31.4 +0.9

ASAK Asacha 1.21 241 eS Pn 22 10 37.6 +1.1
ASAK Asacha 1.21 241 PN Pn 22 10 37.6 +1.1
ASAK Asacha 1.21 241 S S 22 10 55.6 +2.0
GNL Ganaly 1.24 306 iP S 22 10 37.2 +0.3

BKI Bering 4.35 57 eP Pn 22 11 18.6 +1.2
BSJ Bering 4.35 57 PN Pn 22 11 18.6 +1.2
ASAJ Asachikawa 14.32 239 Pn P 22 13 37.2 +1.3
KLR Kul dur 17.86 269 S Pn 22 14 16.0 +0.5

IS/CJB 06 22:12:35.7:0.5,5.62S;0.05:29.88E;0.08,h10km,mb3.9/11,Error ellipse: s-maj=12.0km s-min=5.8km az=26.2

IDC 06 22:12:37.2:0.9,5.47S;29.61E,h0km,mb3.9/8,mb1.4/0.12,mb1mx3.8/43,mbtmpr3.9/12,ML1.9/1,MS2.9/2,Ms1.2/2.9,ms1mx2.6/33,Error ellipse: s-maj=23.2km s-min=14.8km az=18.0

NEIC 06 22:12:38.1:0.6,5.55S;29.69E,h10km,mb4.1/3,Error ellipse: s-maj=17.0km s-min=8.9km az=108.0

ISC 06 22:12:38.0:0.6,5.56S;0.07:29.81E;0.08,h10km,n21,1926/23,mb3.9/11, Lake Tanganyika region

Code Station Name Az AZZ Phase ID Time Res h m s ISC
MBAR Mbarara 5.01 11 Op Pn 22 13 55.0 +1.5
MBAR Mbarara 5.01 11 Lg Lg 22 15 14.9
MBAR Mbarara 5.01 11 eP Pn 22 13 55.3 +1.8

JMA 06 22:31:24.2:0.1,28.30N;141.37E,h196km,M3.7,Bonin Islands region
Code Station Name Az AZZ Phase ID Time Res h m s ISC

CHJU Chichi jima 1.40 149 Op Pn 22 31 56.8 +0.2
CJHU Chichi jima-NKT 1.81 156 P Pn 22 32 00.0 +0.1
JHH Hatachi 1.81 356 S Pn 22 33 20.0 -0.8
JHO Hatachi 1.81 356 S S 22 34 53.8 -1.1

MDOK Medeo 1.24 322 eP Pn 22 38 21.6 -0.6
MDOK Medeo 1.24 322 iP S 22 38 39.0 -0.1
MDOK Medeo 1.24 322 eP Pn 22 38 21.6 -0.6
MDOK Medeo 1.24 322 iP S 22 38 38.9 -0.1

IS/CJB 06 22:12:35.7:0.5,5.62S;0.05:29.88E;0.08,h10km,mb3.9/11,Error ellipse: s-maj=12.0km s-min=5.8km az=26.2

IDC 06 22:12:37.2:0.9,5.47S;29.61E,h0km,mb3.9/8,mb1.4/0.12,mb1mx3.8/43,mbtmpr3.9/12,ML1.9/1,MS2.9/2,Ms1.2/2.9,ms1mx2.6/33,Error ellipse: s-maj=23.2km s-min=14.8km az=18.0

NEIC 06 22:12:38.1:0.6,5.55S;29.69E,h10km,mb4.1/3,Error ellipse: s-maj=17.0km s-min=8.9km az=108.0

ISC 06 22:12:38.0:0.6,5.56S;0.07:29.81E;0.08,h10km,n21,1926/23,mb3.9/11, Lake Tanganyika region

Code Station Name Az AZZ Phase ID Time Res h m s ISC
MDOK Medeo 1.24 322 eP Pn 22 38 21.6 -0.6
MDOK Medeo 1.24 322 iP S 22 38 39.0 -0.1
MDOK Medeo 1.24 322 eP Pn 22 38 21.6 -0.6

SNET	comp=Z,5m,0.5s	IAML	23 30 55.9
OPAM	San Salvador	1.54 332 eP	Pn 23 30 23.7 -3.2
OPAM		eS	Pn 23 30 46.4 +0.6
OPAM		IAML	Pn 23 30 54.9
UEES	San Salvador	1.56 331 IAML	23 31 04.3
BOQS	Boqueron	1.59 330 eP	Pn 23 30 25.3 -2.4
BOQS		eS	Pn 23 30 47.3 0.0
TELN	Telica	1.62 81 eP	Pn 23 30 25.6 -2.5
TELN		eS	Pn 23 30 50.8 +3.0
CNGN	Cerro Negro	1.73 85 eP	Pn 23 30 27.7 -1.9
COPN	Copaltepe	1.84 95 eP	Pn 23 30 29.0 -2.0
LLGN	La Laguna	1.87 345 eP	Pn 23 30 29.8 -1.7
LLGN		IAML	Pn 23 30 34.3
LLGN	comp=Z,3m,0.7s	eS	Pn 23 30 56.2 +2.1
MOMN	Momotombo	1.88 88 eP	Pn 23 30 30.3 -1.3
RTR	El Retiro	1.92 323 eP	Pn 23 30 29.2 -3.0
APYN	Apoyeque	2.07 93 eP	Pn 23 30 33.0 -1.1
APYN		eS	Pn 23 31 00.8 +1.9
BRAN	Las Pilas	2.10 80 eP	Pn 23 30 34.4 -0.1
BRAN		eS	Pn 23 31 00.9 +1.4
XAVN	Gruta Xavier	2.10 95 eP	Pn 23 30 33.4 -1.2
ESTN	Estel	2.18 70 ePn	Pn 23 30 34.6 -1.1
ESTN		eS	Pn 23 30 44.0 +0.9
MGAN	Managua	2.18 95 eP	Pn 23 30 34.6 -1.0
MASN	Masaya	2.29 99 eP	Pn 23 30 37.9 +0.7
MATN	Matagalpa	2.54 77 eP	Pn 23 30 39.4 -1.3
BOAB	BOACZO BROADBAND	7.4 88 ePn	Pn 23 30 40.7 -2.5
BOAB	BOACO BROADBAND	7.4 88 ePn	Pn 23 30 41.2 -0.8
CONN	Concepcion	2.89 105 eP	Pn 23 30 43.4 -1.9
CONN		eS	Pn 23 31 18.4 -0.4
APG	El Apazote	3.27 324 P	Pn 23 30 49.1 -1.7
MESS	Mesas	3.58 116 eP	Pn 23 30 53.5 -1.4
MESS		eS	Pn 23 31 34.2 -1.9
CUI	Cuipilapa	3.65 117 eP	Pn 23 30 54.7 -1.1
CUI		eS	Pn 23 31 39.8 +2.1
JTS	JuntasAbangare	4.01 120 S	Pn 23 30 59.3 -1.5
JTS	comp=Z,2.2nm,0.3s,baz=126,slow=10,SNR=50	S	Pn 23 31 46.9 +0.4
JTS	comp=Z,3.0nm,0.3s,baz=10,slow=20,SNR=6.2	S	Pn 23 30 59.6 -1.2
JTS	JuntasAbangare	4.01 120 ePn	Pn 23 31 46.9 +0.4
JTS	JuntasAbangare	4.01 120 ePn	Pn 23 30 59.5 -1.2
JTS	JuntasAbangare	4.01 120 ePn	Pn 23 30 59.2 -2.0
JTS	JuntasAbangare	4.01 120 ePn	Pn 23 31 46.9 +0.4
ESPN	Las Esperanzas	4.08 92 eP	Pn 23 31 00.8 -0.8
HDC	Heredia	4.07 118 ePn	Pn 23 31 13.4 +0.8
LCR2	La Lucha 2	5.09 120 ePn	Pn 23 31 15.2 -0.6
CCRI	Quepos	5.13 120 ePn	Pn 23 31 15.2 -0.8
CVTR	Volcan Turrial	5.17 116 ePn	Pn 23 31 16.1 -0.8
CCIG	Comitan	5.28 318 ePn	Pn 23 31 19.0 +0.7
BUS	Buena Vista	5.39 121 ePn	Pn 23 31 20.0 -0.1
EDDO	Dominical	5.47 124 ePn	Pn 23 31 19.2 -1.5
ICCO	Coco Island	6.91 168 ePn	Pn 23 31 36.9 -3.6
CMIG	Mitias Nomer	7.73 308 P	Pn 23 31 50.5 -2.1
CMIG	comp=Z,1.8nm,0.3s,baz=115,slow=19,SNR=21	S	Pn 23 33 10.0 -0.5
TEIG	Tepecic	7.83 1 ePn	Pn 23 31 55.7 +2.5
MYIG	Moravia	8.64 352 ePn	Pn 23 32 05.7 +1.5
BCIP	Isla Barro Col	9.05 110 ePn	Pn 23 32 09.8 0.0
BCIP	Isla Barro Col	9.05 110 ePn	Pn 23 32 09.6 -0.2
WBCY	West Bay, Gran	9.75 43 ePn	Pn 23 32 19.4 +0.1
FSCY	Frank Sound, G	9.85 44 ePn	Pn 23 32 20.9 +0.2
PAYS	Puerto Ayora	13.07 188 ePn	Pn 23 32 15.8 +1.1
MOTC	Monteria, Cord	13.07 105 ePn	Pn 23 30 00.1 -4.8
DBBC	Dabeiba	13.19 113 ePn	Pn 23 33 06.1 -0.5
062Z	Marathon	14.17 29 P	Pn 23 33 17.0 -2.6
JRQC	Juniquilla Cam	14.17 307 ePn	Pn 23 33 23.7 -2.2
YOTC	Yotoco, Valle	14.17 324 ePn	Pn 23 33 18.7 -6.7
HORO	Saladito	14.66 126 ePn	Pn 23 33 29.3 -2.2
GTBY	Guantanamo Bay	14.87 58 ePn	Pn 23 33 28.2 -0.6
PTBC	PUERTO BERRIO,	14.97 111 ePn	Pn 23 33 28.0 -2.3
ANIL	Santa Ana	15.09 120 ePn	Pn 23 33 34.0 +1.9
POPC	Popayan, Colom	15.21 129 ePn	Pn 23 33 37.3 -0.2
061Z	Ochopli	15.21 27 P	Pn 23 33 32.9 -0.4
059Z	Ave Maria	15.40 24 P	Pn 23 33 35.3 -0.4
SOTA	Riobacabo	15.53 130 ePn	Pn 23 33 42.6 +1.3
060Z	West Palm Beac	15.84 27 P	Pn 23 33 41.9 +0.6
ROSC	El Rosal	15.85 117 P	Pn 23 33 42.8 +1.0
058A	Arcadia	15.91 22 P	Pn 23 33 42.5 +0.3
PRAC	Prado	15.94 121 ePn	Pn 23 33 44.0 +1.2
059A	Moore Haven	16.08 24 P	Pn 23 33 44.9 +0.5
URIC	Uribia, Colomb	16.13 91 ePn	Pn 23 33 45.3 +0.2
LNIG	Linares	16.25 322 ePn	Pn 23 33 46.5 0.0
PAMC	Pampiona, Colo	16.31 106 ePn	Pn 23 33 50.6 +0.6
957A	Wimauma	16.32 20 P	Pn 23 33 47.4 +0.1
958A	Wauchula	16.41 22 P	Pn 23 33 49.1 +0.7
CHIC	Chingaza	16.46 117 ePn	Pn 23 33 51.3 -0.3
060A	Indianatown	16.47 26 P	Pn 23 33 49.7 +0.4
RUSC	La Rusia	16.48 112 ePn	Pn 23 33 49.3 -0.7
959A	Okeechobee	16.68 24 P	Pn 23 33 52.4 +0.5
857A	Zephyrhills	16.87 19 P	Pn 23 33 52.9 -1.4
ZAIG	Zacatecas	16.96 310 ePn	Pn 23 33 57.2 +0.2
DWPF	Disney Wildern	17.00 22 P	Pn 23 33 56.9 -0.2
858A	St. Cloud	17.12 22 P	Pn 23 33 57.6 +0.2
645A	Chauvin	17.14 354 P	Pn 23 33 57.7 +0.1
859A	Kempfer Cattle	17.16 23 P	Pn 23 33 57.8 0.0
KVTX	Kingsville	17.51 331 ePn	Pn 23 34 02.7 +0.1
757A	Oxford	17.55 19 P	Pn 23 34 03.3 +0.2
545A	Edgard	17.71 354 ePn	Pn 23 34 04.9 +0.1
545A	Edgard	17.71 354 P	Pn 23 34 04.5 0.0
655A	Horseshoe Beac	17.75 15 P	Pn 23 34 05.4 +0.2
656A	Williston	17.81 17 ePn	Pn 23 34 06.7 +0.8
656A	Williston	17.81 17 P	Pn 23 34 06.9 +0.9
546A	Sidell	17.83 356 P	Pn 23 34 06.2 +0.1
544A	White Castle	17.85 352 P	Pn 23 34 07.9 +1.5
758A	Lake Helen	17.86 21 P	Pn 23 34 06.8 +0.3
SDV	Santo Domingo	17.86 99 P	Pn 23 34 05.6 -1.2
543A	St. Martinville	17.93 350 P	Pn 23 34 08.4 +1.2
552A	Lynn Haven	17.94 9 P	Pn 23 34 07.4 +0.1
542A	Morse	18.09 349 P	Pn 23 34 09.6 +0.4
553A	Crawfordville	18.14 11 P	Pn 23 34 10.7 +0.8
541A	Lake Charles	18.16 347 ePn	Pn 23 34 11.2 +1.2
541A	Lake Charles	18.16 347 P	Pn 23 34 09.5 -0.3
554A	Perry	18.20 13 P	Pn 23 34 11.4 +0.9
657A	Interlachen	18.21 19 P	Pn 23 34 10.5 +0.1
658A	Bunnell	18.26 20 P	Pn 23 34 12.0 +0.7
447A	Lucedale	18.36 359 P	Pn 23 34 13.2 +0.7
449A	Pace	18.36 3 P	Pn 23 34 13.9 +1.4
466A	Poplarville	18.37 358 P	Pn 23 34 11.5 -0.6

445A	Amite	18.37 355 P	Pn 23 34 13.6 +0.9
444A	Pine Grove	18.40 354 P	Pn 23 34 12.0 -0.4
555A	McAlpin	18.40 15 P	Pn 23 34 14.1 +1.0
556A	Lake Butler	18.44 17 P	Pn 23 34 13.7 +0.2
450A	Crestview	18.45 5 P	Pn 23 34 13.4 -0.1
448A	Bay Minette	18.50 2 P	Pn 23 34 12.1 -1.5
443A	Delano Plantat	18.58 351 P	Pn 23 34 14.3 -0.1
442A	Mamou	18.64 349 P	Pn 23 34 15.8 0.0
557A	Orange Park	18.66 19 P	Pn 23 34 16.8 +0.7
452A	Marianna	18.66 9 P	Pn 23 34 16.5 +0.4
BRAL	Brewton	18.77 4 P	Pn 23 34 17.2 -0.3
HKT	Hockley	18.80 340 eP	Pn 23 34 18.3 +0.6
HKT	Hockley	18.80 340 eP	Pn 23 34 18.3 +0.6
HKT	Hockley	18.80 340 eP	Pn 23 34 18.3 +0.6
453A	Whippon	18.81 11 P	Pn 23 34 18.8 +0.9
454A	Quitman	18.81 13 P	Pn 23 34 18.7 +0.7
441A	DeRidder	18.82 347 P	Pn 23 34 19.4 +1.3
833A	Chaparral WMA,	18.89 329 eP	Pn 23 34 17.9 0.0
833A	Chaparral WMA,	18.89 329 P	Pn 23 34 17.4 -0.4
345A	Thompson Farm,	18.92 356 P	Pn 23 34 19.8 +0.6
349A	Repton	18.95 3 P	Pn 23 34 19.7 +0.1
347A	Saraland	18.96 360 P	Pn 23 34 20.9 +1.2
346A	Big Creek Wild	18.97 357 eP	Pn 23 34 20.0 +0.2
346A	Big Creek Wild	18.97 357 P	Pn 23 34 19.5 -0.4
348A	Jackson	18.98 1 eP	Pn 23 34 20.6 +0.7
348A	Jackson	18.98 1 P	Pn 23 34 20.3 +0.3
455A	Stateville	18.98 15 P	Pn 23 34 19.4 +0.6
351A	Pinckard	19.02 8 P	Pn 23 34 21.5 +1.1
343A	Vidalia	19.07 352 P	Pn 23 34 20.8 -0.2
350A	Dozier	19.08 6 P	Pn 23 34 21.5 +0.3
344A	Westbrook Farm	19.12 354 P	Pn 23 34 22.7 +1.0
456A	Hilliard	19.23 17 eP	Pn 23 34 23.3 +0.3
456A	Hilliard	19.23 17 P	Pn 23 34 21.7 +0.1
342A	Flagg Creek P	19.26 350 eP	Pn 23 34 23.6 +0.3
342A	Flagg Creek P	19.26 350 P	Pn 23 34 21.7 -0.2
457A	Yulee	19.27 18 P	Pn 23 34 22.8 -0.7
353A	Camilla	19.31 11 P	Pn 23 34 24.2 +0.3
352A	Blakely	19.31 9 eP	Pn 23 34 23.1 +0.6
352A	Blakely	19.31 9 P	Pn 23 34 24.6 +0.6
341A	Kurthwood	19.38 348 eP	Pn 23 34 25.1 +0.3
341A	Kurthwood	19.38 348 P	Pn 23 34 25.0 +0.3
TIGA	Tifton	19.52 13 eP	Pn 23 34 27.1 +0.6
219A	Tifton	19.52 13 P	Pn 23 34 26.5 +0.1
TIGA	Camden	19.57 3 P	Pn 23 34 26.8 -0.2
246A	Jackson Lee, B	19.58 358 P	Pn 23 34 26.4 -0.7
355A	Pearson	19.60 14 P	Pn 23 34 25.7 +0.2
247A	Quitman	19.61 360 P	Pn 23 34 27.1 -0.3
245A	Little AP, Sta	19.63 356 P	Pn 23 34 27.0 0.0
243A	Waterproof	19.63 352 P	Pn 23 34 26.3 +0.4
250A	Grady	19.64 6 eP	Pn 23 34 27.9 +0.1
250A	Grady	19.64 6 P	Pn 23 34 26.9 +0.9
244A	Dixon Mills	19.66 2 P	Pn 23 34 27.9 -0.1
248A	Avery, Jackson	19.70 354 P	Pn 23 34 28.6 +0.1
356A	Blackshear	19.77 16 P	Pn 23 34 29.8 +0.5
251A	Midway	19.85 8 P	Pn 23 34 29.6 -0.6
252A	Lumpkin	19.85 9 P	Pn 23 34 29.9 -0.4
VBMS	Vicksburg	19.86 355 eP	Pn 23 34 31.0 +0.5
VBMS	Vicksburg	19.86 355 P	Pn 23 34 30.3 -0.1
242A	Greenville	19.91 351 P	Pn 23 34 30.9 -0.1
241A	Mo Tay, Goldon	20.00 349 eP	Pn 23 34 31.7 -0.4
241A	Mo Tay, Goldon	20.00 349 P	Pn 23 34 31.2 -0.8
253A	Americus	20.02 11 eP	Pn 23 34 31.9 -0.4
253A	Americus	20.02 11 P	Pn 23 34 31.4 -0.9
357A	Townsend	20.04 18 P	Pn 23 34 31.5 +1.1
254A	Abbeville	20.07 13 P	Pn 23 34 31.9 -1.0
NATX	Nacogdoches	20.14 345 eP	Pn 23 34 33.1 -0.7
NATX	Nacogdoches	20.14 345 P	Pn 23 34 32.4 +0.9
435B	Jarrell	20.19 337 eP	Pn 23 34 31.8 -0.3
435B	Jarrell	20.19 337 P	Pn 23 34 31.6 -0.4
240A	Hunter Patters	20.19 347 eP	Pn 23 34 33.7 -0.6
240A	Hunter Patters	20.19 347 P	Pn 23 34 33.1 +1.1
146A	Union	20.20 359 eP	Pn 23 34 33.9 -0.5
146A	Union	20.20 359 P	Pn 23 34 33.4 -1.0
145A	Houston Retiro	20.20 356 P	Pn 23 34 33.3 +1.2
149A	Jones	20.21 4 P	Pn 23 34 33.4 +1.1
148A	Greensboro	20.22 2 P	Pn 23 34 31.8 -0.4
147A	Livingston	20.23 0 eP	Pn 23 34 34.1 -0.6
147A	Livingston	20.23 0 P	Pn 23 34 33.5 +1.1
255A	Hazlehurst	20.25 15 eP	Pn 23 34 33.9 -1.1
255A	Hazlehurst	20.25 15 P	Pn 23 34 34.0 -1.0
144A	Alexander Plac	20.26 355 P	Pn 23 34 33.7 +0.9

6d 23h

X43A	Marvell	22.18	355	P	P	23 34 53.3	0.0
SJG	San Juan	22.27	72	eP	P	23 34 54.0	-0.4
SJG	San Juan	22.27	72	eP	P	23 34 54.1	-0.4
SJG	San Juan	22.27	72	eP	P	23 34 54.1	-0.4
X42A	Stuttgart	22.29	353	P	P	23 34 53.7	-0.8
X41A	Kaden, Bauxite	22.35	351	P	P	23 34 55.3	+0.1
X51A	Calhoun	22.36	8	eP	P	23 34 56.0	+0.8
X51A	Calhoun	22.36	8	eP	P	23 34 54.9	-0.4
X40A	Basin Creek Fa	22.39	350	eP	P	23 34 56.8	+1.1
X40A	Basin Creek Fa	22.39	350	P	P	23 34 55.9	+0.2
PLAL	Pickwick Lake	22.53	1	eP	P	23 34 57.0	-0.2
X52A	Dahlonega	22.54	10	P	P	23 34 57.4	+0.1
X53A	Estonia	22.55	11	P	P	23 34 58.0	+0.6
HUMP	Col San Antoni	22.56	72	eP	P	23 34 56.6	-1.0
CBYP	Canovanas	22.58	72	eP	P	23 34 57.6	-0.3
MIAR	Mount Ida	22.58	349	eP	P	23 34 57.5	-0.2
MIAR	Mount Ida	22.58	349	eP	P	23 34 57.5	-0.2
MIAR	Mount Ida	22.58	349	P	P	23 34 57.4	-0.2
UALR	University of	22.60	352	eP	P	23 34 58.5	+0.6
ABTX	Ablene, Hawle	22.63	335	eP	P	23 34 56.9	-1.5
ABTX	Ablene, Hawle	22.63	335	P	P	23 34 56.9	-1.5
X39A	Fountain Ranch	22.65	348	P	P	23 34 59.0	+0.5
W46A	Michie	22.68	0	P	P	23 34 57.9	-0.8
W45A	Hickory Valley	22.71	358	P	P	23 34 58.1	-1.0
W44A	Shelby Farms P	22.72	357	P	P	23 34 58.1	-1.0
W43A	Forest City	22.73	355	P	P	23 34 59.4	+0.2
W48A	Pulaski	22.73	3	P	P	23 34 59.0	-0.2
W49A	Belvidere	22.75	5	P	P	23 34 59.2	-0.3
JSC	Jenkinsville	22.80	16	eP	P	23 35 01.1	+1.2
JSC	Jenkinsville	22.80	16	eP	P	23 35 01.1	+1.2
W47A	Westpoint	22.81	2	P	P	23 34 59.7	-0.5
MTP	Monte Pirata	22.82	73	eP	P	23 34 58.9	-1.5
SWET	Sewanee	22.88	5	eP	P	23 35 00.8	-0.1
W50A	Signal Mountai	22.93	7	eP	P	23 35 01.1	-0.2
W50A	Signal Mountai	22.93	7	eP	P	23 35 01.1	-0.2
W51A	Cleveland	22.95	8	P	P	23 35 01.3	-0.3
W41B	Gary Mavity, V	22.98	352	P	P	23 35 01.7	-0.1
W41B	Gary Mavity, V	22.98	352	P	P	23 35 01.7	-0.1
W42A	Bald Knob	22.99	354	P	P	23 35 02.0	+0.2
W52A	Murphy	23.01	10	P	P	23 35 02.3	+0.1
BG3	Lake Jocassee	23.09	12	eP	P	23 35 03.2	+0.3
WHAR	Woolly Hollow	23.10	352	eP	P	23 35 03.1	+0.1
CUPR	Culebra, Puert	23.12	72	eP	P	23 35 02.6	-0.7
W40A	Ferguson Farm,	23.12	350	eP	P	23 35 03.4	+0.2
W40A	Ferguson Farm,	23.12	350	eP	P	23 35 03.4	+0.2
HBAR	Harrisburg	23.19	355	eP	P	23 35 04.3	+0.5
W53A	Culowhee	23.22	11	P	P	23 35 03.9	-0.4
W39A	Magazine	23.25	349	eP	P	23 35 05.1	+0.7
W39A	Magazine	23.25	349	P	P	23 35 04.5	+0.1
CPCT	Copper Cave	23.27	8	eP	P	23 35 05.5	+0.8
V45A	Humboldt	23.29	359	P	P	23 35 03.5	-1.4
SLBS	Sierra La Lagu	23.29	302	eP	P	23 35 06.9	+1.8
V48A	Smith Brothers	23.33	3	eP	P	23 35 05.0	-0.3
V48A	Smith Brothers	23.33	3	P	P	23 35 04.3	-1.0
V46A	Holladay	23.35	1	P	P	23 35 04.0	-1.4
V47A	Nunnally	23.39	2	P	P	23 35 04.5	-1.3
V43A	Jonesboro	23.41	356	P	P	23 35 05.1	-0.8
V50A	Pikeville	23.42	7	P	P	23 35 05.7	-0.4
V49A	McMillnville	23.43	5	P	P	23 35 05.5	-0.7
STVI	Saint Thomas	23.43	72	eP	P	23 35 04.9	-1.5
PCRV	Puerto La Cruz	23.47	93	P	P	23 35 08.0	+1.1
V42A	Cord	23.50	354	P	P	23 35 05.9	-0.9
V41A	Mountainview	23.57	352	P	P	23 35 07.1	-0.4
TKL	Tuckaleechee C	23.59	10	P	P	23 35 08.2	+0.4
TKL	Tuckaleechee C	23.59	10	P	P	23 35 08.1	+0.4
TKL	Tuckaleechee C	23.59	10	eP	P	23 35 08.1	+0.4
TKL	Tuckaleechee C	23.59	10	eP	P	23 35 08.1	+0.4
KMSC	Kings Mountain	23.59	15	eP	P	23 35 08.3	+0.5
KMSC	Kings Mountain	23.59	15	P	P	23 35 07.7	0.0
V51A	Loudon	23.64	8	P	P	23 35 08.2	0.0
V51A	Loudon	23.64	8	P	P	23 35 08.2	0.0
V40A	Witts Springs	23.68	351	eP	P	23 35 08.5	-0.1
V40A	Witts Springs	23.68	351	P	P	23 35 08.2	-0.4
WVT	Waverly	23.68	1	eP	P	23 35 09.0	+0.5
WVT	Waverly	23.68	1	eP	P	23 35 09.0	+0.5
WVT	Waverly	23.68	1	P	P	23 35 07.3	-1.2
V53A	Saluda	23.77	11	P	P	23 35 10.2	+0.8
V53A	Saluda	23.77	11	P	P	23 35 09.7	+0.2
V52A	Sevierville	23.80	10	eP	P	23 35 09.9	+0.3
V52A	Sevierville	23.80	10	P	P	23 35 09.3	-0.3
V39A	Pettigrew	23.85	350	P	P	23 35 09.5	-0.6

2012 SEP

U45A	Rockin P Farm,	23.89	359	P	P	23 35 08.6	-1.9
U44B	Burton Farm, H	23.90	358	P	P	23 35 09.3	-1.2
U46A	Springville	23.91	1	P	P	23 35 09.5	-1.1
U43A	Rector	23.98	356	P	P	23 35 10.2	-1.0
U47A	Clarksville	24.01	2	P	P	23 35 10.1	-1.4
U42A	Revendens	24.03	354	P	P	23 35 10.7	-0.9
U41A	Vio	24.09	353	P	P	23 35 11.2	-1.1
U48A	Cassie Pea, Po	24.12	4	P	P	23 35 11.2	-1.3
WMOK	Whitla Mounta	24.18	339	eP	P	23 35 12.9	-0.2
WMOK	Whitla Mounta	24.18	339	eP	P	23 35 12.9	-0.2
WMOK	Whitla Mounta	24.18	339	P	P	23 35 11.8	-1.3
U49A	Red Boiling Sp	24.18	5	P	P	23 35 12.1	-0.9
U50A	Jamestown	24.18	7	P	P	23 35 12.3	-0.8
U40A	Yellville	24.27	351	P	P	23 35 13.0	-0.5
U51A	La Follette	24.26	9	P	P	23 35 13.3	-0.6
HHAR	Hobbs	24.33	349	eP	P	23 35 14.3	-0.2
U39A	Green Forest	24.35	350	P	P	23 35 14.1	-0.6
TUL1	Leonard	24.37	345	eP	P	23 35 14.4	-0.4
TUL1	Leonard	24.37	345	P	P	23 35 13.8	-1.0
U52A	The Hill	24.38	10	P	P	23 35 14.8	-0.1
PBMO	Poplar Bluff	24.39	356	eP	P	23 35 14.6	-0.4
U53A	Fairbrent	24.49	12	P	P	23 35 15.7	-0.3
TZTN	Tazewell	24.49	10	eP	P	23 35 16.6	+0.6
TZTN	Tazewell	24.49	10	P	P	23 35 15.8	-0.1
T47A	Sharon Grove	24.56	3	eP	P	23 35 16.1	-0.5
T47A	Sharon Grove	24.56	3	P	P	23 35 15.3	-1.2
T45A	Paducah	24.56	360	P	P	23 35 16.0	-0.6
T46A	Princeton	24.59	1	P	P	23 35 15.9	-1.0
T44A	Ben	24.65	358	P	P	23 35 16.2	-1.1
T43A	Greenville	24.68	357	P	P	23 35 16.0	-1.6
T42A	Van Buren	24.69	355	eP	P	23 35 16.8	-0.9
T42A	Van Buren	24.69	355	P	P	23 35 16.2	-1.4
CNNC	Cliffs of the	24.72	21	P	P	23 35 17.9	-0.1
T48A	Bowling Green	24.72	4	P	P	23 35 16.5	-1.5
T41X	Mountain View	24.77	354	eP	P	23 35 17.0	-1.4
MNTX	Cornudas Mout	24.77	324	eP	P	23 35 18.1	-0.4
MNTX	Cornudas Mout	24.77	324	P	P	23 35 17.8	-0.7
T50A	Nancy	24.78	7	P	P	23 35 18.1	-0.4
T49A	Edmonton	24.79	6	eP	P	23 35 18.2	-0.4
T49A	Edmonton	24.79	6	P	P	23 35 17.3	-1.4
T51A	Gray	24.84	9	P	P	23 35 18.7	-0.5
T39A	Cleves	24.96	351	P	P	23 35 19.8	-0.4
T38A	Diamond	25.13	349	P	P	23 35 21.8	+0.1
T52A	Hallie	25.14	10	P	P	23 35 21.0	-0.8
S43A	Fulton Ridge,	25.16	357	P	P	23 35 20.8	-1.2
MSTX	Muleshoe	25.16	331	eP	P	23 35 21.6	-0.6
MSTX	Muleshoe	25.16	331	P	P	23 35 21.1	-1.1
S47A	Hartford	25.18	3	P	P	23 35 20.6	-1.5
S45A	Carrier Mills	25.22	360	P	P	23 35 21.2	-1.4
S46A	Don Dixon Farm	25.24	1	P	P	23 35 21.1	-1.6
S44A	Carbondale	25.25	359	P	P	23 35 21.9	-0.8
SIUC	Southern Illin	25.27	359	eP	P	23 35 22.7	-0.2
S48A	Wiedeman Farm,	25.29	4	P	P	23 35 22.1	-1.1
S41A	Jillico Farms,	25.30	354	P	P	23 35 22.5	-0.8
S42A	Caledonia	25.40	356	P	P	23 35 22.9	-1.3
S40A	Leban	25.40	353	P	P	23 35 23.4	-0.8
AMTX	Amarillo	25.44	334	eP	P	23 35 24.5	-0.1
AMTX	Amarillo	25.44	334	P	P	23 35 24.2	-0.5
S50A	Richmond	25.48	8	P	P	23 35 24.9	0.0
S49A	Springfield	25.49	6	P	P	23 35 25.5	+0.5
S51A	Beattyville	25.56	9	eP	P	23 35 26.1	+0.6
S51A	Beattyville	25.56	9	P	P	23 35 24.6	-1.0
FVM	French Village	25.59	356	eP	P	23 35 27.1	+1.2
FVM	French Village	25.59	356	eP	P	23 35 27.1	+1.2
S39A	Bolivar	25.61	351	eP	P	23 35 25.5	-0.6
S39A	Bolivar	25.61	351	P	P	23 35 25.4	-0.6
S38A	Stockton	25.64	350	P	P	23 35 25.7	-0.7
S52A	Salyersville	25.68	10	P	P	23 35 27.1	+0.4
CCM	Cathedral Cave	25.72	355	eP	P	23 35 27.2	+0.2
CCM	Cathedral Cave	25.72	355	eP	P</		

CBKS	comp=Z,37nm,0.8s	pmx	pmx				
CBKS Cedar Bluff	28.20 341	P	P	23 35 47.7	-1.7		
MCWV Mont Chateau	28.25 14	P	P	23 35 49.1	-0.6		
O52A Adamsville	28.27 11	P	P	23 35 49.0	-0.9		
N41A Harden Midland	28.32 356	eP	P	23 35 50.5	+0.1		
N41A Harden Midland	28.32 356	P	P	23 35 48.8	-1.6		
N44A Piper City	28.34 1	P	P	23 35 48.7	-1.8		
N45A Kentland	28.40 2	P	P	23 35 50.0	-1.1		
N42A Yates City	28.40 357	P	P	23 35 50.0	-1.1		
N46A Monticello	28.47 3	P	P	23 35 50.3	-1.4		
N43A Stutzman Famil	28.48 359	P	P	23 35 50.2	-1.6		
T25A Trinidad	28.53 333	eP	P	23 35 53.9	+1.3		
T25A Trinidad	28.53 333	P	P	23 35 53.2	+0.7		
TUC Tucson	28.54 318	eP	P	23 35 55.5	+3.0		
TUC Tucson	28.54 318	eP	P	23 35 55.5	+3.0		
TUC Tucson	28.54 318	P	P	23 35 53.7	+1.2		
TUC Tucson	28.54 318	P	P	23 35 53.6	+0.9		
N48A Decatur	28.56 5	P	P	23 35 51.7	-0.8		
N39A Derby Farms, D	28.64 354	eP	P	23 35 52.5	-0.7		
N39A Derby Farms, D	28.64 354	P	P	23 35 52.1	-1.1		
N38A Joes South For	28.64 352	P	P	23 35 52.2	-1.1		
N50A Nevada	28.69 8	P	P	23 35 53.5	-0.2		
N37A Lee Faris, Mou	28.74 351	eP	P	23 35 52.4	-1.8		
N37A Lee Faris, Mou	28.74 351	P	P	23 35 53.1	-1.1		
M45A Boltmakers S	28.95 2	P	P	23 35 54.9	-1.1		
N51A Ashland	28.95 10	P	P	23 35 55.1	-1.0		
M41A Milan	28.97 357	P	P	23 35 54.8	-1.4		
M43A Waltham Townsh	28.98 359	P	P	23 35 55.1	-1.1		
M46A Old House Fiel	29.00 3	P	P	23 35 54.8	-1.7		
M42A Sheffield	29.01 358	P	P	23 35 56.0	-0.5		
M40A Post Highland	29.07 355	P	P	23 35 55.8	-1.2		
O56A Blue Knob Stat	29.14 16	P	P	23 35 57.8	0.0		
M39A Webster	29.20 354	P	P	23 35 57.0	-1.2		
M49A Liberty Center	29.28 7	P	P	23 35 57.8	-1.0		
M50A Fremont	29.33 8	P	P	23 35 58.6	-0.7		
KSCO Kaye Shedlock	29.38 337	eP	P	23 36 01.1	+1.1		
KSCO Kaye Shedlock	29.38 337	P	P	23 35 59.1	-0.9		
N54A Moraine State	29.46 13	P	P	23 36 00.5	0.0		
N54A Moraine State	29.46 13	P	P	23 36 00.0	-0.5		
SDCO Great Sand Dun	29.52 332	eP	P	23 36 03.3	+1.9		
SDCO Great Sand Dun	29.52 332	P	P	23 36 01.7	+0.3		
MVL Millersville	29.54 19	eP	P	23 36 01.9	+0.6		
L42A Oliver, Polo	29.56 358	eP	P	23 36 01.7	+0.3		
L42A Oliver, Polo	29.56 358	P	P	23 36 00.5	-0.9		
L47A Sherwood	29.65 5	P	P	23 36 00.5	-1.6		
L41A Preston	29.66 357	P	P	23 36 00.9	-1.5		
SSPA Standing Stone	29.67 16	eP	P	23 36 02.2	-0.2		
SSPA Standing Stone	29.67 16	P	P	23 36 02.0	-0.4		
214A Organ Pipe Nat	29.69 315	P	P	23 36 03.6	+0.9		
L48A N Adams	29.69 6	P	P	23 36 00.7	-1.9		
L40A Anamosa	29.70 356	eP	P	23 36 02.5	0.0		
L40A Anamosa	29.70 356	P	P	23 36 01.0	-1.6		
L43A Garden Prairie	29.72 360	P	P	23 36 02.1	-1.6		
SCIA State Center	29.73 353	eP	P	23 36 02.7	-0.2		
SCIA State Center	29.73 353	P	P	23 36 01.9	-1.1		
W18A Petrified Fore	29.75 323	eP	P	23 36 04.9	+1.5		
W18A Petrified Fore	29.75 323	P	P	23 36 03.4	0.0		
PSUB Penn St. - Bra	29.77 20	eP	P	23 36 02.6	-0.7		
L39A Vinton	29.82 355	P	P	23 36 02.6	-1.1		
L49A Milan	29.93 7	P	P	23 36 03.8	-0.8		
M54A Oil Creek Stat	30.05 13	P	P	23 36 05.4	-0.3		
M54A Oil Creek Stat	30.05 13	P	P	23 36 04.9	-0.9		
L36A Harm Buss Farm	30.13 351	P	P	23 36 04.4	-2.0		
S22A 4UR Ranch, Cre	30.15 330	eP	P	23 36 08.2	+1.1		
S22A 4UR Ranch, Cre	30.15 330	P	P	23 36 06.8	-0.3		
BGNE Belgrade	30.16 345	eP	P	23 36 06.8	0.0		
BGNE Belgrade	30.16 345	P	P	23 36 05.2	-1.6		
K41A Shullsburg	30.19 357	P	P	23 36 06.3	-0.7		
K43A Burlington	30.24 0	eP	P	23 36 07.5	+0.1		
K43A Burlington	30.24 0	P	P	23 36 06.3	-1.1		
K16A Lo Mia Camp, P	30.31 320	eP	P	23 36 09.2	+0.9		
K40A Colesburg	30.33 356	P	P	23 36 07.0	-1.2		
K42A Prairie Point,	30.33 359	P	P	23 36 07.2	-0.9		
Q24A Divide	30.36 334	eP	P	23 36 10.8	+1.9		
Q24A Divide	30.36 334	P	P	23 36 08.1	-0.8		
K39A Oelwein	30.39 355	P	P	23 36 07.3	-1.4		
K38A Parkersburg	30.41 354	eP	P	23 36 08.5	-0.4		
K38A Parkersburg	30.41 354	P	P	23 36 07.6	-1.3		
JFWA Jewell Farm	30.49 357	eP	P	23 36 09.8	+0.2		
JFWS Jewell Farm	30.49 357	eP	P	23 36 09.8	+0.2		
JFWS Jewell Farm	30.49 357	P	P	23 36 09.6	0.0		
N59A State Game Lan	30.56 19	eP	P	23 36 10.5	+0.2		
N59A State Game Lan	30.56 19	P	P	23 36 10.3	0.0		

ERPA	Erie	30.56 12	eP	P			
ERPA Erie	30.56 12	P	P	23 36 10.7	+0.4		
MVCO Mesa Verde	30.58 327	eP	P	23 36 09.4	-0.9		
MVCO Mesa Verde	30.58 327	P	P	23 36 13.5	+2.7		
K36A Gilmore City	30.62 351	P	P	23 36 11.7	+0.9		
K37A Belmond	30.64 353	P	P	23 36 10.0	-1.1		
BRNJ Basking Ridge	30.75 21	eP	P	23 36 12.0	+0.1		
113A Mohawk Valley,	30.82 315	eP	P	23 36 14.1	+1.4		
J42A Columbus	30.86 359	eP	P	23 36 11.1	-1.8		
OGNE Ogallala	30.87 340	eP	P	23 36 16.0	+2.9		
OGNE Ogallala	30.87 340	P	P	23 36 13.3	+0.2		
J41A Loganville	30.93 358	P	P	23 36 12.4	-1.1		
J40A Soldiers Grove	31.00 357	P	P	23 36 12.9	-1.1		
WUAZ Wupatki	31.00 322	eP	P	23 36 16.0	+1.6		
WUAZ Wupatki	31.00 322	P	P	23 36 14.5	+0.2		
J39A Decorah	31.00 355	P	P	23 36 12.6	-1.5		
J38A Wedel Dairy, R	31.05 354	P	P	23 36 13.2	-1.3		
J37A Redenius Farm,	31.16 353	P	P	23 36 14.7	-0.8		
ISCO Idaho Springs	31.26 334	eP	P	23 36 18.1	+1.3		
ISCO Idaho Springs	31.26 334	P	P	23 36 18.1	+1.3		
ISCO Idaho Springs	31.26 334	P	P	23 36 17.0	+0.2		
PAL Palisades	31.27 21	eP	P	23 36 15.8	-0.7		
PAL Palisades	31.27 21	eP	P	23 36 15.8	-0.7		
PAL Palisades	31.27 21	P	P	23 36 16.3	-0.2		
J36A Seneca 1, Swea	31.28 352	eP	P	23 36 15.8	-0.8		
J36A Seneca 1, Swea	31.28 352	P	P	23 36 15.4	-1.1		
PV01 Paradox Valley	31.32 329	eP	P	23 36 18.4	+1.2		
SMCO Snowmass	31.36 332	eP	P	23 36 18.2	+0.5		
I43A Langenfeld Bro	31.42 0	P	P	23 36 16.1	-1.7		
I42A Draeger Farm,	31.43 359	eP	P	23 36 16.6	-1.2		
I42A Draeger Farm,	31.43 359	P	P	23 36 16.8	-1.1		
PV02 Paradox Valley	31.46 328	eP	P	23 36 19.2	+0.7		
PV13 Radium Mtn., P	31.46 328	eP	P	23 36 20.2	+1.7		
I40A Norwalk	31.48 357	P	P	23 36 17.2	-1.1		
I39A Houston	31.50 356	eP	P	23 36 17.8	-0.7		
I39A Houston	31.50 356	P	P	23 36 16.9	-1.6		
TYNO Tyneside	31.52 12	P	P	23 36 17.3	-1.4		
PV05 Paradox Valley	31.55 328	eP	P	23 36 16.0	-3.2		
PV05 Paradox Valley	31.55 328	eP	P	23 36 20.9	+1.6		
PV12 Saur Basin	31.57 329	eP	P	23 36 20.2	+0.7		
PV18 Skein Mesa, Pa	31.58 328	eP	P	23 36 20.7	+1.2		
PV11 David Mesa, Pa	31.60 328	eP	P	23 36 21.9	+2.3		
I41A Arkdale	31.62 358	eP	P	23 36 18.6	-0.9		
I41A Arkdale	31.62 358	P	P	23 36 19.1	-0.4		
MNNY Mt. Morris Dam	31.63 15	eP	P	23 36 20.2	+0.5		
PV17 East Wray Mesa	31.63 328	eP	P	23 36 22.1	+2.2		
PV16 Nyswonger Mesa	31.63 328	eP	P	23 36 21.6	+1.6		
PV19 Morning Glory	31.66 328	eP	P	23 36 21.9	+1.6		
BINY Binghamton	31.66 18	eP	P	23 36 20.5	+0.5		
BINY Binghamton	31.66 18	P	P	23 36 19.3	-0.7		
PV20 West Nyswonger	31.68 328	eP	P	23 36 22.4	+2.1		
GLA Glamis	31.71 315	eP	P	23 36 21.4	+0.8		
GLA Glamis	31.71 315	eP	P	23 36 21.4	+0.8		
GLA Glamis	31.71 315	P	P	23 36 21.0	+0.0		
GLA Glamis	31.71 315	P	P	23 36 20.3	-0.3		
PV22 Blue Mesa, Par	31.73 329	eP	P	23 36 21.5	+0.6		
PV10 Paradox Valley	31.74 328	eP	P	23 36 19.7	-1.3		
I38A Lemond, Waseca	31.75 355	P	P	23 36 19.2	-1.5		
PV23 Carpenter Ridg	31.78 328	eP	P	23 36 23.3	+1.9		
I37A Lemond, Waseca	31.84 353	eP	P	23 36 20.9	-0.6		
I37A Lemond, Waseca	31.84 353	P	P	23 36 20.5	-1.0		
PV21 Cone Mtn., Par	31.85 329	eP	P	23 36 23.5	+1.6		
PV09 Paradox Valley	31.88 328	eP	P	23 36 24.9	+2.6		
I36A Fitzsimmon, Fa	31.91 352	P	P	23 36 20.8	-1.4		
PDMCI Parker Dam, Lak	31.98 317	P	P	23 36 22.5	-0.3		
H43A Windswept, Lux	32.01 1	eP	P	23 36 22.3	-0.6		
H43A Windswept, Lux	32.01 1	P	P	23 36 21.8	-1.2		
H42A Shiocton	32.05 360	P	P	23 36 22.5	-0.8		
ECSD EROS Data Cent	32.05 349	eP	P	23 36 22.2			

6d 23h

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

2012 SEP

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

420

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

ISCJB 06 23:33:00.9 1.2, 341.36N, 0.03:141.72E, 0.06, h19km, gkm, mb3.8/15, MS2.8/1, Error ellipse: s-maj=7.9km

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

ISCJB 06 23:33:04.3 0.6, 4.55S: 106.05W, h0km, mb4.7/26, m1 4.8/26, m1mx4.8/38, mbmp4.7/26, MS5.4/22, MS1 5.4/22, ms1mx3.2/6, Error ellipse: s-maj=17.1km

KVN	Kaiserville	44.91	347	eP	P	23 41 21.1	-0.5
KVN	comp=Z,75nm,1.8s						
SIUC	Southern Ilin	44.92	19	eP	P	23 41 24.9	+3.5
SIUC	comp=Z,75nm,1.6s						
R42A	Luebbering	44.96	17	P	P	23 41 20.4	-1.3
R42A	baz=202,SNR=6.4						
BG3	Lake Jocassee	44.98	27	eP	P	23 41 21.9	-0.1
BG3	comp=Z,43nm,1.2s						
T47A	Sharon Grove	44.99	21	eP	P	23 41 22.6	+0.5
T47A	comp=Z,20nm,0.8s						
T47A	Sharon Grove	44.99	21	P	P	23 41 21.5	-0.6
T47A	baz=207						
W53A	Culowhee	45.02	27	P	P	23 41 22.8	+0.3
W53A	baz=213						
V51A	Loudon	45.04	25	eP	P	23 41 21.9	-0.5
V51A	comp=Z,81nm,1.8s						
V51A	Loudon	45.04	25	P	P	23 41 22.4	0.0
V51A	baz=211						
DUG	Dugway, Toeels	45.06	353	eP	P	23 41 22.8	0.0
DUG	comp=Z,11um,19.0s						
DUG	Dugway, Toeels	45.06	353	eP	P	23 41 22.8	0.0
DUG	comp=Z,42nm,1.1s						
DUG	MLR						
DUG	Dugway, Toeels	45.06	353	P	P	23 41 21.8	-1.0
DUG	MLR						
U49A	Red Boiling Sp	45.07	23	P	P	23 41 22.5	-0.3
U49A	baz=170,SNR=18						
Q39A	Willow Grove F	45.09	14	P	P	23 41 22.0	-0.8
Q39A	baz=198,SNR=9.7						
S45A	Carrier Mills	45.09	20	P	P	23 41 22.2	-0.7
S45A	baz=205						
TKL	Tuckaleechee C	45.16	26	P	P	23 41 22.1	-1.4
TKL	comp=Z,7.9nm,0.9s, baz=210,slow=11,SNR=7.2						
TKL	Tuckaleechee C	45.16	26	eP	P	23 41 22.9	-0.6
TKL	comp=Z,24nm,1.0s						
TKL	Tuckaleechee C	45.16	26	eP	P	23 41 22.9	-0.6
TKL	comp=Z,24nm,1.0s						
JSC	Jenkinsville	45.18	29	eP	P	23 41 23.3	-0.3
JSC	comp=Z,24nm,1.0s						
R43A	Red Bud	45.21	18	P	P	23 41 22.9	-0.9
R43A	baz=203						
Q40A	Laux Farm, Aux	45.27	15	P	P	23 41 22.8	-1.5
Q40A	baz=202,SNR=12						
SJG	San Juan	45.28	59	P	P	23 41 22.6	-2.0
SJG	comp=Z,10nm,0.5s, baz=269,slow=6.4,SNR=6.2						
SJG	San Juan	45.28	59	eP	P	23 41 22.9	-1.7
SJG	comp=Z,4um,21.3s, baz=250,slow=34						
SJG	San Juan	45.28	59	P	P	23 41 22.9	-1.7
SJG	comp=Z,40nm,1.0s						
SJG	LR						
SJG	San Juan	45.28	59	eP	P	23 41 22.9	-1.7
SJG	comp=Z,40nm,1.0s						
SJG	MLR						
P37A	Lathrop	45.29	13	P	P	23 41 24.5	+0.1
P37A	baz=196						
JLU	Jordanelle	45.31	354	eP	P	23 41 25.1	+0.3
JLU	comp=Z,65nm,1.4s						
N23A	Red Feather La	45.32	360	eP	P	23 41 26.5	+1.6
N23A	comp=Z,52nm,1.6s						
N23A	Red Feather La	45.32	360	P	P	23 41 25.2	+0.3
N23A	baz=180						
T48A	Bowling Green	45.36	22	P	P	23 41 24.2	-0.8
T48A	baz=208						
U50A	Jamesstown	45.36	24	P	P	23 41 24.4	-0.6
U50A	baz=210						
V52A	Sevierville	45.40	26	eP	P	23 41 25.9	+0.5
V52A	comp=Z,18nm,1.0s						
V52A	Sevierville	45.40	26	P	P	23 41 24.4	-0.9
V52A	baz=212						
S46A	Don Dixon Farm	45.40	20	P	P	23 41 25.3	+0.1
S46A	baz=206						
CTU	Camp Tracy	45.43	354	eP	P	23 41 25.9	+0.2
CTU	comp=Z,43nm,1.1s						
R44A	Waltoville	45.45	19	P	P	23 41 25.3	-0.4
R44A	baz=204						
SIV	San Ignacio	45.45	108	P	P	23 41 25.6	-0.5
SIV	comp=Z,4.2nm,1.0s, baz=274,slow=13,SNR=5.7						
Q41A	Truxton	45.46	16	P	P	23 41 24.7	-1.1
Q41A	baz=201,SNR=9.7						
OGNE	Ogallala	45.51	4	eP	P	23 41 28.9	+2.7
OGNE	comp=Z,214nm,1.9s						
OGNE	LR						
OGNE	Ogallala	45.51	4	P	P	23 41 25.5	-0.7
OGNE	comp=Z,2um,20.0s						
P38A	Dawn	45.51	13	eP	P	23 41 25.9	-0.2
P38A	baz=185						
P38A	Dawn	45.51	13	P	P	23 41 25.9	-0.2
P38A	comp=Z,121nm,1.9s						
VCNR	Virginia City	45.52	345	eP	P	23 41 27.3	+0.8
VCNR	comp=Z,43nm,1.3s						
HUMP	Col San Antoni	45.55	59	eP	P	23 41 24.7	-2.1
HUMP	comp=Z,62nm,1.3s						
AFDM	Forest Hills D	45.55	344	eP	P	23 41 25.8	-0.7
AFDM	comp=Z,35nm,1.4s						
P39B	Galibus	45.56	14	P	P	23 41 25.2	-1.3
P39B	baz=198,SNR=6.0						
V53A	Saluda	45.59	27	eP	P	23 41 26.4	-0.5
V53A	comp=Z,32nm,1.1s						
V53A	Saluda	45.59	27	P	P	23 41 25.3	-1.7
V53A	baz=213,SNR=9.8						
CBYP	Canovans	45.60	59	eP	P	23 41 24.9	-2.4
CBYP	comp=Z,38nm,1.0s						
S47A	Hartford	45.61	21	P	P	23 41 25.7	-1.3
S47A	baz=207						
Q42A	Golden Eagle	45.62	17	P	P	23 41 26.7	-0.3
Q42A	baz=202						
U51A	La Follette	45.67	25	P	P	23 41 25.2	-2.3
U51A	baz=212						
A49A	Edmonton	45.69	23	eP	P	23 41 26.9	-0.7
A49A	comp=Z,22nm,1.1s						
T49A	Edmonton	45.69	23	P	P	23 41 25.9	-1.7
T49A	baz=209						
PHWV	Pilot Hill	45.73	1	eP	P	23 41 28.5	+0.3
PHWV	comp=Z,7.9nm,1.8s						
R45A	Skylar, Fairir	45.75	19	P	P	23 41 26.5	-1.5
R45A	baz=205						
P40A	Paris	45.78	15	eP	P	23 41 27.5	-0.8
P40A	comp=Z,63nm,1.4s						
P40A	Paris	45.78	15	P	P	23 41 26.9	-1.3
P40A	baz=199,SNR=9.3						
MTP	Monte Pirata	45.78	59	eP	P	23 41 25.8	-2.8
MTP	comp=Z,114nm,1.4s						
BGU	Big Grassy Mou	45.81	352	eP	P	23 41 29.9	+1.1
BGU	comp=Z,75nm,1.7s						
TCUT	Toone Canyon	45.81	354	eP	P	23 41 29.2	+0.3
TCUT	comp=Z,10nm,1.3s						
PAHR	Pah Rah Range	45.84	346	eP	P	23 41 28.8	-0.2
PAHR	comp=Z,72nm,1.6s						
KMSC	Kings Mountain	45.84	28	eP	P	23 41 28.4	-0.5
KMSC	comp=Z,16nm,1.0s						
KMSC	Kings Mountain	45.84	28	P	P	23 41 27.3	-1.6
KMSC	baz=215						
T50A	Nancy	45.89	24	P	P	23 41 27.5	-1.7
T50A	baz=210						
O37A	Wolven Farm, M	45.89	13	P	P	23 41 28.2	-0.9
O37A	baz=196						
Q43A	New Douglas	45.89	18	P	P	23 41 28.5	-0.6
Q43A	baz=203						
TBI	Tubuai	45.90	242	eS	S	23 48 12.9	-0.6
TBI	comp=Z,2um,27.5s						
TBI	eLQ						
TBI	comp=Z,4um,30.2s						
TBI	eLR						
TBI	Tubuai	45.90	242	eT	T	23 50 20.5	
TBI	comp=Z,10um,28.2s, baz=77						
R46A	Gibson Southern	45.94	20	P	P	23 41 28.9	-0.7
R46A	baz=206						
U52A	Thorn Hill	45.96	26	P	P	23 41 28.9	-0.9
U52A	baz=212						
GDXM	Geysers	45.96	342	eP	P	23 41 30.3	+0.4
GDXM	comp=Z,22nm,1.2s						
S48A	Wiedeman Farm, B	45.97	22	P	P	23 41 28.7	-1.1
S48A	baz=208						
O38A	Galt	46.00	13	P	P	23 41 29.2	-0.8
O38A	baz=197						
TZTN	Tazewell	46.01	25	eP	P	23 41 29.3	-0.9
TZTN	comp=Z,23nm,1.0s						

TZTN	Tazewell	46.01	25	P	P	23 41 28.4	-1.8
TZTN	baz=212						
BMN	Battle Mountai	46.04	348	eP	P	23 41 30.4	0.0
BMN	comp=Z,22nm,1.1s						
BMN	Battle Mountai	46.04	348	eP	P	23 41 30.5	0.0
BMN	comp=Z,22nm,1.1s						
Q44A	Meyer Farm, Va	46.07	18	P	P	23 41 30.2	-0.4
Q44A	baz=204						
PTGA	Pitinga	46.07	87	P	P	23 41 30.6	-0.5
PTGA	comp=Z,38nm,1.1s, baz=261,slow=8.6,SNR=35						
PTGA	Pitinga	46.07	87	eP	P	23 41 30.5	-0.5
PTGA	comp=Z,119nm,1.2s						
PTGA	LR						
SPUT	South Promont	46.12	353	eP	P	23 41 30.8	-0.3
SPUT	comp=Z,13um,22.0s						
SPUT	South Promont	46.12	353	eP	P	23 41 30.8</	

LKWW	Lake	49.15 356	eP	P	23 41 53.8	-0.9	I05D	Terrebonne, OR	50.69 346	P	P	23 42 06.8	+0.6	DGMT	Dagmar	52.91	1	P	P	23 42 22.2	-0.5
LKWW	comp=Z,7um,19.0s		pmax				I42A	Drager Farm, baz=160	50.69 16	eP	P	23 42 05.3	-0.8	F43A	Flat Rock, Esc	52.96	16	P	P	23 42 21.4	-1.7
LKWW	comp=Z,34nm,0.8s		MLR	MLR			I42A	Drager Farm, baz=202	50.69 16	P	P	23 42 04.7	-1.4	E41A	Kenton	53.07 15	P	P	P	23 42 22.0	-1.8
L43A	Garden Prairie	49.16 17	P	P	23 41 53.4	-1.1	L49A	Milan	50.72 21	P	P	23 42 05.1	-1.3	LON	Longmire	53.07 346	eP	P	P	23 42 24.2	+0.3
N48A	Decatur	49.17 21	P	P	23 41 52.2	-2.4	H39A	Augusta	50.83 13	P	P	23 42 06.7	-0.5	LON	Longmire	53.07 346	eP	P	P	23 42 24.2	+0.3
M46A	Old House Fiel	49.20 19	P	P	23 41 53.6	-1.2	I43A	Langenfeld Bro	50.97 17	P	P	23 42 06.9	-0.8	LON	Longmire	53.07 346	eP	P	P	23 42 24.2	+0.3
P52A	Corning	49.22 24	P	P	23 41 53.1	-2.0	AAM	Ann Arbor	50.92 21	PFAKE	LR	23 42 20.0	+1.2	E04D	Cinebar	53.07 346	P	P	P	23 42 22.6	-1.3
SUSD	Miller	49.26 7	P	P	23 41 54.0	-1.3	AAM	comp=Z,1um,22.0s						N59A	State Game Lan	53.09 28	eP	P	P	23 42 23.9	-0.2
J38A	Wedel Dairy, R	49.27 13	P	P	23 41 54.3	-1.0	H40A	Chili	50.99 14	P	P	23 42 07.3	-1.1	N59A	State Game Lan	53.09 28	P	P	P	23 42 21.4	-2.7
L02D	Cave Junction,	49.28 343	P	P	23 41 53.5	-0.2	SPMN	Marine on St.	51.02 12	eP	P	23 42 08.1	-0.5	LTY	Liberty	53.29 348	eP	P	P	23 42 23.5	-2.0
YMR	Madison River	49.30 355	eP	P	23 41 55.8	0.0	SPMN	Marine on St.	51.02 12	P	P	23 42 07.3	-1.3	F44A	Big Bay de Noc	53.30 17	P	P	P	23 42 24.2	-1.4
BBGH	Gun Hill	49.33 68	PFAKE	LR	23 42 10.0	+1.4	G08A	Pilot Rock	51.06 348	eP	P	23 42 08.1	-0.9	E42A	Champion	53.31 15	P	P	P	23 42 24.2	-1.4
ACSO	Alum Creek Sta	49.39 23	PFAKE	LR	23 42 10.0	+1.4	LAO	LASA Array	51.11 360	eP	P	23 42 08.7	-0.7	F45A	CMU Biological	53.31 18	P	P	P	23 42 24.2	-1.4
ACSO	Alum Creek Sta	49.39 23	P	P	23 41 54.1	-2.2	LAO	comp=Z,3um,20.0s					E03A	Lebam	53.31 345	eP	P	P	23 42 27.5	+1.9	
YHB	Horse Butte	49.40 355	eP	P	23 41 56.0	-0.5	LAO	LASA Array	51.11 360	P	P	23 42 09.3	0.0	C09A	Chisnan Ranch	53.34 350	eP	P	P	23 42 25.5	-0.3
L44A	Lake County Fo	49.40 18	P	P	23 41 54.4	-2.0	G38A	Ridgeland	51.16 13	P	P	23 42 07.4	-2.3	AGMN	Agassiz Natn	53.45 8	eP	P	P	23 42 26.2	-0.4
P53A	Whipple	49.40 25	P	P	23 41 54.5	-2.0	H41A	Junction City	51.17 15	eP	P	23 42 09.6	-0.2	AGMN	Agassiz Natn	53.45 8	P	P	P	23 42 26.0	-0.6
YHH	Holmes Hill	49.41 355	eP	P	23 41 56.1	-0.7	H41A	Junction City	51.17 15	P	P	23 42 08.9	-0.8	E43A	Lone Tree Farm	53.51 16	eP	P	P	23 42 26.3	-0.8
JFWS	Jewell Farm	49.42 15	eP	P	23 41 55.4	-1.2	CPUP	Villa Florida	51.17 120	P	P	23 42 09.8	-0.3	E43A	Lone Tree Farm	53.51 16	P	P	P	23 42 26.0	-1.1
JFWS	Jewell Farm	49.42 15	eP	P	23 41 55.4	-1.2	CPUP	Villa Florida	51.17 120	eP	P	23 42 09.8	-0.3	D05A	Enmucal	53.52 346	eP	P	P	23 42 27.1	-0.1
JFWS	Jewell Farm	49.42 15	eP	P	23 41 55.4	-1.2	CPUP	Villa Florida	51.17 120	eP	P	23 42 09.8	-0.3	MMNV	Mt. Morris Dam	53.56 25	eP	P	P	23 42 27.0	-0.6
JFWS	Jewell Farm	49.42 15	eP	P	23 41 55.4	-1.2	H04D	Lebanon	51.22 345	P	P	23 42 11.1	+1.0	KSPA	Keystone Cole	53.58 28	eP	P	P	23 42 27.0	-0.7
JFWS	Jewell Farm	49.42 15	eP	P	23 41 55.2	-1.4	H04A	Detroit Lake	51.22 345	eP	P	23 42 09.7	-0.5	NEW	Newport	53.59 351	eP	P	P	23 42 26.6	-1.1
J39A	Decorah	49.46 14	P	P	23 41 55.5	-1.3	N54A	Moraine State	51.22 25	eP	P	23 42 09.8	-0.4	NEW	Newport	53.59 351	eP	P	P	23 42 26.6	-1.1
O51A	Pataskala	49.46 24	P	P	23 41 55.2	-1.7	N54A	Moraine State	51.22 25	P	P	23 42 09.4	-0.8	NEW	Newport	53.59 351	eP	P	P	23 42 26.6	-1.1
QLMT	Earthquake Lak	49.50 355	eP	P	23 41 57.0	-0.3	O56A	Blue Knob Stat	51.28 27	eP	P	23 42 09.5	-1.2	NEW	Newport	53.59 351	eP	P	P	23 42 26.6	-1.1
HUMO	Hull Mountain	49.50 343	eP	P	23 41 57.2	0.0	O56A	Blue Knob Stat	51.28 27	P	P	23 42 09.7	-0.9	NEW	Newport	53.59 351	eP	P	P	23 42 25.8	-2.0
KBO	Bosley Butte	49.52 342	eP	P	23 41 56.0	-1.4	H42A	Shiocton	51.37 16	eP	P	23 42 10.0	-1.2	F46A	Macinaw City C	53.62 18	P	P	P	23 42 26.2	-1.7
K42A	Prairie Point,	49.54 16	P	P	23 41 56.6	-0.8	H42A	Shiocton	51.37 16	P	P	23 42 10.7	-0.5	D41A	Chassel	53.72 15	eP	P	P	23 42 28.1	-0.6
RLMT	Red Lodge	49.63 357	eP	P	23 41 56.8	-1.5	G06A	Champion Farm,	51.37 347	eP	P	23 42 11.2	-0.1	D41A	Chassel	53.72 15	P	P	P	23 42 27.6	-1.0
RLMT	Red Lodge	49.63 357	eP	P	23 41 56.8	-1.5	F10A	Beach Ranch, E	51.39 350	eP	P	23 42 11.0	-0.4	BBSR	BB Station	53.74 44	eP	P	P	23 42 28.7	-0.3
RLMT	Red Lodge	49.63 357	eP	P	23 41 57.3	-1.0	SDMD	Soldier's Dell	51.40 29	eP	P	23 42 10.9	-0.7	ODNJ	Ogdensburg	53.77 29	eP	P	P	23 42 28.4	-0.7
MCMT	McKenzie Canyo	49.64 354	eP	P	23 41 57.4	-1.0	HRH	Holter Researc	51.40 355	eP	P	23 42 10.6	-1.0	EYMN	Ely	53.88 12	eP	P	P	23 42 29.3	-0.5
J05D	Fort Rock, OR	49.67 345	P	P	23 41 57.8	-0.8	COR	Corvallis	51.43 344	eP	P	23 42 11.2	-0.4	EYMN	Ely	53.88 12	eP	P	P	23 42 29.3	-0.5
I37A	Lemond, Waseca	49.73 12	P	P	23 41 58.2	-0.6	COR	Corvallis	51.43 344	eP	P	23 42 11.3	-0.4	EYMN	Ely	53.88 12	eP	P	P	23 42 28.8	-1.0
I37A	Lemond, Waseca	49.73 12	P	P	23 41 57.9	-1.0	G39A	Holcombe	51.43 13	P	P	23 42 09.8	-1.9	EYMN	Ely	53.88 12	P	P	P	23 42 28.8	-1.0
O52A	Adamsville	49.75 24	P	P	23 41 58.3	-0.8	F37A	Hinche Farm,	51.53 12	P	P	23 42 12.0	-0.4	WALA	Water Lakes	53.93 354	eP	P	P	23 42 29.3	-1.0
J40A	Soldiers Grove	49.75 14	P	P	23 41 57.1	-1.9	G05D	Wamic, OR	51.53 346	P	P	23 42 12.3	-0.2	BINY	Binghamton	53.99 27	eP	P	P	23 42 30.3	-0.4
K43A	Burlington	49.76 17	P	P	23 41 58.2	-0.8	H43A	Windswept, Lux	51.54 17	eP	P	23 42 11.8	-0.7	BINY	Binghamton	53.99 27	eP	P	P	23 42 29.5	-1.2
R58B	Mineral	49.76 29	P	P	23 41 57.6	-1.5	H43A	Windswept, Lux	51.54 17	P	P	23 42 11.7	-0.8	BINY	Binghamton	53.99 27	P	P	P	23 42 29.5	-1.2
N50A	Nevada	49.79 23	P	P	23 41 58.3	-1.0	G40A	Rib Lake	51.64 14	eP	P	23 42 12.2	-1.0	E45A	Wooded Hills,	54.02 18	P	P	P	23 42 29.7	-1.1
K02D	Williamette Mer	49.79 343	P	P	23 41 59.4	0.0	G40A	Rib Lake	51.64 14	P	P	23 42 10.9	-2.4	E44A	Grand Marais A	54.03 17	P	P	P	23 42 30.1	-0.8
J04D	Umpqua Nationa	49.86 345	P	P	23 41 59.0	-1.1	M50	Missoula	51.74 353	eP	P	23 42 12.8	-1.3	PAL	Palisades	54.05 30	eP	P	P	23 42 30.2	-0.9
J41A	Loganville	49.91 15	P	P	23 41 58.8	-1.4	M50	Missoula	51.74 353	P	P	23 42 12.7	-1.4	PAL	Palisades	54.05 30	eP	P	P	23 42 30.2	-0.9
I38A	Scanlan Farm,	49.99 13	P	P	23 41 59.8	-1.0	M54A	Oil Creek Stat	51.81 25	eP	P	23 42 13.9	-0.7	PAL	Palisades	54.05 30	P	P	P	23 42 29.6	-1.5
I39A	Houston	49.99 14	eP	P	23 42 00.4	-0.5	M54A	Oil Creek Stat	51.81 25	P	P	23 42 13.5	-1.1	B08A	Coiville Reser	54.07 349	eP	P	P	23 42 29.3	-1.9
I39A	Houston	49.99 14	eP	P	23 41 59.5	-1.3	F07A	Phinny Hill Vi	51.84 348	eP	P	23 42 14.8	+0.1	PKRO	Pickering	54.09 24	P	P	P	23 42 30.7	-0.6
PTRD	Partlow Road	50.01 29	eP	P	23 42 00.8	-0.2	SSPA	Standing Stone	51.88 27	eP	P	23 42 14.1	-1.0	MDP	Montagnes des	54.10 80	P	P	P	23 42 31.9	-0.1
PINE	Pine Mountain	50.08 346	eP	P	23 42 01.1	-0.7	SSPA	Standing Stone	51.88 27	P	P	23 42 12.8	-2.3	MDP	Montagnes des	54.10 80	P	P	P	00 03 16.2	
L47A	Sherwood	50.09 20	P	P	23 41 59.9	-1.8	F38A	Pierce - Schro	51.91 12	P	P	23 42 12.9	-2.3	D03D	Eldon	54.11 346	P	P	P	23 42 31.0	-0.4
J42A	Columbus	50.10 16	P	P	23 42 00.9	-0.8	TRQA	Tornquist	51.99 136	eP	P	23 42 14.7	-1.4	A33A	Warroad	54.15 9	P	P	P	23 42 31.1	-0.6
H35A	Sunnyside Ranc	50.12 10	P	P	23 42 01.1	-0.7	TRQA	Tornquist	51.99 136	eP	P	23 42 14.7	-1.4	DRWO	Darlington Wes	54.16 24	P	P	P	23 42 30.7	-1.2
DLMT	Dillon	50.14 354	eP	P	23 42 01.5	-0.6	TRQA	Tornquist	51.99 136	eP	P	23 42 14.7	-1.4	NLWA	Neilton Lookou	54.17 345	eP	P	P	23 42 31.4	-0.6
DLMT	Jessenland, He	50.17 11	P	S	23 49 14.9	+1.7	TRQA	Tornquist	51.99 136	eP	P	23 42 14.7	-1.4	NLWA	Neilton Lookou	54.17 345	eP	P	P	23 42 31.4	-0.6
CBN	Corbin Frederi	50.19 29	eP	P	23 42 02.3	-0.1	G42A	Mountain	52.07 16	eP	P	23 42 14.7	-1.8	NLWA	Neilton Lookou	54.17 345	eP	P	P	23 42 31.4	-0.6
CBN	Corbin Frederi	50.19 29	eP	P	23 42 02.3	-0.1	G42A	Mountain	52.07 16	P	P	23 42 14.1	-2.3	WLV0	Wesleyville	54.33 24	P	P	P	23 42 31.8	-1.3
CBN	Corbin Frederi	50.19 29	eP	P	23 42 02.3	-0.1	G42A	Mountain	52.07 16	P	P	23 42 14.1	-2.3	C40A	Isle Royale Na	54.38 14	eP	P	P	23 42 33.1	-0.3
MCWV	Mont Chateau	50.21 26	P	P	23 42 02.1	-0.5	E09A	Wood Farm, Sta	52.07 349	eP	P	23 42 18.0	+1.5	C40A	Isle Royale Na	54.38 14	eP	P	P	23 42 32.1	-1.3
MCWV	Mont Chateau	50.21 26	P	P	23 42 01.4	-1.2	F39A	Loretta	52.08 13	P	P	23 42 14.7	-1.9	POHA	Pohakuloa	54.45 298	PFAKE	LR	LR	23 42 50.0	+1.5
N51A	Ashland	50.21 23	P	P	23 42 01.2	-1.3	MVL	Millersville	52.09 29	eP	P	23 42 16.4	-0.3	POHA	Pohakuloa	54.45 298	PFAKE	LR	LR	23 42 50.0	+1.5
I40A	Norwalk	50.25 14	P	P	23 42 01.4	-1.4	HAWA	Hanford	52.23 348	eP	P	23 42 17.0	-0.6	B05A	Bryant	54.56 347	P	P	P	23 42 34.9	+0.2
BOZ	Bozeman (W)	50.27 355	eP	P	23 42 01.5	-1.7	HAWA	Hanford	52.23 348	eP	P	23 42 17.0	-0.6	B06A	Marblemount	54.66 347	eP	P	P	23 42 34.4	-1.0
BOZ	Bozeman (W)	50.27 355	eP	P	23 42 01.5	-1.7	F4														

Table with columns: MKAR, Makanchi Array, 137.41 352, PKP, PKPdf, 23 52 29.7 -0.9, etc. Includes various station codes and coordinates.

RSNC 06:23:46:57.6:1.2, 4.42N-73.72W, h0km, 8km, ML3.7, Mw3.7, 2C-1D, Colombia

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Lists stations like Chingaza, Villavicencio, El Rosal, etc.

PRU 06:23:50:38.7:0.0, 50.26N-19.01E, h0km, Poland

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Lists stations like Chorzow, Ojcow, Moravsky Berou, etc.

ISC/JB 07:00:38:09.5:1.6, 4.9S:0.2x106:0W:0.2, h10km, mb3.9/13, MS4.2/18, Error ellipse: s-maj=43.0km s-min=14.4km az=135.1

s-min=23.1km az=46.0 NEIC 07:00:38:10.7:0.8, 4.9AS:106:07W, h10km, mb4.1/5, Error ellipse: s-maj=26.9km s-min=12.6km az=48.0

Main table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like Matias Romero, APG, APG, JTS, ATAH, LPIG, NNA, ROSC, RKT, TAOE, TXAR, LPZ, SAML, PPT, PPT2, NVAR, DUG, TBI, PTGA, PDAR, MOD, HLID, YBH, MFID, CPUD, CPUP, NEW, BDFB, BBB, YKA, SCHO, KDAD, ILAR, H1N3, H1N2, H1N1, H1S2, H1S1, H1S3, SONM, BRTR, CMAR, CMAR2, etc.

MEX 07:00:38:16.8:0.3, 16.58N-98.43W, h1km, 6km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Lists stations like Pinotepa, Tlita, Tlaga, Vilgo, Vilgo, MEIG, PLIG, YAIG, HUIG, ARIG, ARIG, etc.

IDC 07:00:41:27.8:4.2, 5.57S:147.42E, h206km, 44km, mb3.6/3, mb1 3.7/5, mb1mx3.2/36, mbtmp4.0/5, Error ellipse: s-maj=76.5km s-min=23.8km az=135.0, Eastern New Guinea region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Lists stations like Port Moresby, WRA, ASAR, FITZ, ILAR, TORD, etc.

IDC 07:00:45:16.6:3.1, 5.82S:133.63E, h0km, mb3.5/1, mb1 4.0/5, mb1mx3.7/38, mbtmp3.8/5, ML3.8/4, Error ellipse: s-maj=118.2km s-min=26.1km az=81.0, Aru Islands region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Lists stations like Port Moresby, WRA, ASAR, FITZ, ILAR, TORD, etc.

Table with columns: SJUI, Sorong, 5.45 334, Pn, Pn, 00 46 38.8 -0.4, etc. Includes stations like WRA, FITZ, FITZ, ASAR, ASAR, MKAR, etc.

GUC 07:00:48:07.1:0.6, 34.65S:70.94W, h106km, 4km, ML3.5, 7C, Chile-Argentina border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Lists stations like G005, LMEL, ANTU, CLCH, CLCH, FCH, FCH, PEL, PEL, ROCH, ROCH, CMCH, CMCH, etc.

BJI 07:00:52:38.9, 14.05S:167.96E, h171km, mb4.7/21, mb5.0/10

ISC/JB 07:00:52:39.0:0.2, 14.39S:0.05:167.29E:0.05, h170km, mb4.5/2, Error ellipse: s-maj=7.2km s-min=5.3km az=141.3

IDC 07:00:52:40.9:1.4, 14.40S:167.41E, h169km, 11km, mb4.3/29, mb1 4.4/29, mb1mx4.3/49, mbtmp4.7/29, Error ellipse: s-maj=14.2km s-min=10.0km az=124.0

NEIC 07:00:52:40.3:0.5, 14.36S:167.37E, h163km, 4km, mb4.6/54, Error ellipse: s-maj=5.1km s-min=3.7km az=146.0

MOS 07:00:52:43.0:1.1, 14.35S:167.25E, h196km, mb4.7/20, Error ellipse: s-maj=10.5km s-min=9.1km az=178.6

ISC 07:00:52:41.2:0.3, 14.34S:0.05:167.33E:0.07, h170km, mb4.1, s134/258, mb4.6/81, 24C-2D, Vanuatu Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, etc. Includes stations like DZM, DZM, DZM, HNR, HNR, HNR, HNR, EIDS, AFI, AFI, AFI, PMG, PMG, PMG, CTA, CTA, CTA, CTA, ARMA, COEN, SNZO, JAYU, STKA, STKA, STKA, STKA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, BBOO, MTN, MTN, FITZ, FITZ, MBWA, MBWA, INU, INU, etc.

Table with columns: ICAO, Name, Frequency, Mode, Power, and other parameters. Includes stations like MJAR, MAJO, MAJO, MAJO, MAT, etc.

Table with columns: ICAO, Name, Frequency, Mode, Power, and other parameters. Includes stations like PSUT, MFID, U15A, TUC, etc.

Table with columns: ICAO, Name, Frequency, Mode, Power, and other parameters. Includes stations like GERES, MOA, MEM, MYKA, etc.

Table with columns: 7d 1nhj, NJ2, Nanjing, 37.12, 29, eP, P, 01 02 52.6 -0.1, MAK, Makhachkala, 0.58, 90, ePG, Pg, 01 11 50.4 -2.8, IML, ONI, 2.43, 262, P, Sg, 01 13 00.3 +0.2

Table with columns: MAK, Makhachkala, 0.58, 90, ePG, Pg, 01 11 50.4 -2.8, IML, ONI, 2.43, 262, P, Sg, 01 13 00.3 +0.2

Table with columns: IML, ONI, 2.43, 262, P, Sg, 01 13 00.3 +0.2, Sg, 01 13 00.3 +0.2, Sg, 01 13 00.3 +0.2

PRU 07 01:09:55.3:0.0, 4932N*1836E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, OKC, Ostrava-Krasne, 0.14, 277, ePG, Sg, 01 09 58.3 +0.3

SEKA, Sheki, 1.79, 168, P, Pn, 01 12 13.9 +0.7

Table with columns: SEKA, Sheki, 1.79, 168, P, Pn, 01 12 13.9 +0.7, SEKA, Ardon, 1.80, 278, ePG, Sg, 01 12 14.6 -0.5

DSN 07 01:14:30.6:1.1, 27.32N*53.89E, h15km, ML3.3/6, Error

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, JHRM, Jahrom, 1.65, 346, Op, Pn, 01 14 59.2 +0.7

MOS 07 01:11:39.7:0.0, 42.91N*46.65E, h10km, MPV4.3

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, DBC, Dubki, 0.10, 56, iPG, Sg, 01 11 44.7 +0.1

ZEI, Tsey, 2.08, 266, ePG, Sg, 01 12 17.7 +0.5

Table with columns: ZEI, Tsey, 2.08, 266, ePG, Sg, 01 12 17.7 +0.5, ZEI, Khinaliq, 2.08, 149, iPG, Sg, 01 12 19.7 -0.4

SHME, Shamm, 2.06, 114, P, Pn, 01 15 10.0 -0.1

Table with columns: SHME, Shamm, 2.06, 114, P, Pn, 01 15 10.0 -0.1, SHME, Banah, 2.25, 115, P, Pn, 01 15 11.4 +0.0

Code, Station Name, Az, Az, Phase ID, Time, Res, DBC, Dubki, 0.10, 56, iPG, Sg, 01 11 44.7 +0.1

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, DBC, Dubki, 0.10, 56, iPG, Sg, 01 11 44.7 +0.1

QZ, Qazax, 2.15, 208, iPG, Sg, 01 12 19.1 +1.0

Table with columns: QZ, Qazax, 2.15, 208, iPG, Sg, 01 12 19.1 +1.0, QZ, Qazax, 2.15, 208, iPG, Sg, 01 12 19.1 +1.0

ASUD, Ashush, 2.54, 153, P, Pn, 01 15 17.5 -1.7

Table with columns: ASUD, Ashush, 2.54, 153, P, Pn, 01 15 17.5 -1.7, ASUD, Ashush, 2.54, 153, P, Pn, 01 15 17.5 -1.7

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IMEH, KLNJ, IRAM, ZNGN, etc.

ISCJB 07 01:16:39.8, 0.8, 37.83N, 0.4, 26.77E, 0.06, h4km, 10km, Error ellipse: s-maj=8.3km s-min=5.8km az=152.2

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DGB, GMLD, ZEY, etc.

MAN 07 01:18:59.6, 10.78N, 126.76E, h62km, mb4.2, ML3.0, MS2.8, 1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BOPR, PLP, CNP, etc.

UCR 07 01:21:21.2, 1.9, 9.85N, 85.50W, h7km, ML3.1, mb4.5(NEIC)

IDC 07 01:21:24.3, 2.2, 10.14N, 85.37W, h35km, 16km, mb4.0/11, mb1.4/212, mb1mx3.9/29, mbtp4.1/12, ML3.71, MS3.7/6, Ms1.3/7.6, ms1mx3.3/37, Error ellipse: s-maj=31.6km s-min=15.6km az=50.0

ISCJB 07 01:21:26.0, 0.4, 10.24N, 0.4, 85.22W, 0.03, h62km, 3km, mb4.4/143, Error ellipse: s-maj=7.0km s-min=4.2km az=30.2

NEIC 07 01:21:25.9, 0.5, 10.25N, 85.22W, h43km, 4km, mb4.5/135, Error ellipse: s-maj=6.0km s-min=3.9km az=209.0

NEIC 07 01:21:26.8, 0.8, 10.22N, 0.07, 85.19W, 0.06, h56km, 6km, mb4.29, 11/433, mb4.4/143, MS3.5/5, 5C-7D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JTS, VCR, MESS, etc.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LNIG, SJG, PCRV, 351A, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JCT, CCAR, X45A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Roxas, Davao City-Mi, Don Marcelino, etc.

MEX 07-01:35:16.6, 0.7, 13.92N, 91.22W, h97km, 44km, MD4.0, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Comitan, Vanda, Paso Flores, etc.

IDC 0701:37:00.2: 16.0, 36.64N-22.26E, h0km, mb3.8/5, mb1 3.8/6, mb1mx3.5/38, mbmtmp3.7/6, ML3.6/1, Error ellipse: s-maj=329.0km s-min=33.0km az=31.0

ATH 07-01:37:02.5: 36.29N-21.97E, h32km, 1km, ML3.3/8, Error ellipse: s-maj=22.3km s-min=1.0km az=36.0
THE 07-01:37:04.0: 36.32N-21.96E, h14km, 1km, ML3.3/8, Error ellipse: s-maj=1.9km s-min=0.9km az=42.0
BEO 07-01:37:12.6: 1.2, 37.25N-22.03E, h0km, ML3.2/2
ISC 07-01:37:01.3: 1.3, 36.26N-0.05: 21.79E, 0.04, h32km, 1.0km, n90, 0.1567/116, mb3.8/5, 7C-2D, Southern Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Methoni, Pylos, Agios Nikonas, Ithomi, Kythira, Kithira, Velia, Vlachokerasia, Artemida-Makis, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Antikythira Is, Tripoli, Drossia, Didima, Goura, Lakka, Loutraki, Vamias, Kalithea, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Sgjed, Kerkira, Kozani, Florida, Santa Cesarea, Bitola, Ohrid, Kendrikor, Serrai, Valandovo, Krusevo, Nocci, Podgorica, Barje, Selova, Trebinje, Sjenica, Ston, Krus, Bovs, Ivanjica, UGUB, Divs, Ubdina, Novajia, GERES, FINES, NOA, ARCES, MKAR, ZALV, etc.

IDC 07-01:52:15.0: 3.7, 10.43N-86.14W, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.6/42, mbmtmp3.7/5, ML3.0/1, Error ellipse: s-maj=96.3km s-min=16.6km az=21.0

ISCJB 07-01:52:17.2: 3.0, 10.3N, 0.5: 86.2W, 0.2, h33km, mb3.5/4, Error ellipse: s-maj=73.3km s-min=15.4km az=20.1
ISC 07-01:52:18.1: 3.7, 10.3N, 0.6: 86.1W, 0.2, h33km, n6, 0.095/6, mb3.6/4, Off coast of Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JTS, JuntasAbangare, CMG, Matias Romero, TXAR, TKL, PDAR, NVAR, etc.

IDC 07-01:53:02.3: 2.4, 5.82S: 133.75E, h0km, mb4.0/3, mb1 4.2/7, mb1mx3.9/30, mbmtmp4.1/7, ML4.1/4, Error ellipse: s-maj=83.2km s-min=24.4km az=80.0

ISC 07-01:53:07.2: 3.1, 6.01S, 0.7: 133.5E, 0.2, h35km, n7, 0.087/10, mb3.9/3, ARS, Australia region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SIJI, Sorong, WRA, Waramunga Arr, WRA, FITZ, FITZroy Crossi, ASAR, ASAR, CMAR, MKAR, ZALV, etc.

ISCJB 07-01:57:21.3: 0.6, 12.19N: 0.06: 87.26W, 0.05, h63km, 8km, mb3.5/5, Error ellipse: s-maj=12.6km s-min=5.1km

UCR 07-01:57:21.3: 1.4, 12.15N: 87.28W, h51km, 20km, ML3.7
IDC 07-01:57:23.1: 1.6, 11.82N: 87.45W, h100km, 26km, mb3.1/4, mb1 3.4/7, mb1mx3.2/43, mbmtmp3.4/7, Error ellipse: s-maj=67.1km s-min=15.4km az=33.0

ISC 07-01:57:21.9: 0.9, 12.22N: 0.07: 87.21W, 0.05, h53km, 9km, n24, 0.179/33, mb3.4/4, 1C, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CNGN, Copaltepe, MOMM, APYV, XAVN, CRUN, MGAN, MASN, ESTN, LCND, BOAT, BOAC, LCY, PACA, PAVA, LFRS, LNFT, JTS, APG, CMIG, TXAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TKL, PDAR, NVAR, etc.

ISCJB 0702:03:01.2: 0.6, 3.6S: 0.1: 151.5E: 0.1, h400km, mb3.7/10, Error ellipse: s-maj=20.6km s-min=12.1km az=22.7

IDC 07-02:03:01.2: 0.8, 3.60S: 151.53E, h391km, 3.1km, mb3.4/10, mb1 3.6/12, mb1mx3.3/40, mbmtmp4.1/2, Error ellipse: s-maj=20.9km s-min=18.2km az=110.0
ISC 07-02:03:02.5: 0.8, 3.75S: 0.1: 151.5E: 0.2, h400km, n14, 0.1504/13, mb3.7/9, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG, CTA, WRA, DZM, ASAR, FITZ, KLR, SONM, ZALV, ILAR, NVAR, PDAR, GERES, TORD, etc.

IDC 07-02:04:12.5: 1.2, 2.38N: 127.08E, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.7/42, mbmtmp3.8/5, MS3.7/3, Ms1 3.7/3, ms1mx2.8/41, Error ellipse: s-maj=109.3km s-min=23.0km az=69.0

DJA 07-02:04:24.9: 1.1, 2.2N: 3.12: 7E, 1.2, h27km, 11km, M4.3/9, MB4.9/2, mb4.7/4, MLv4.2/9, MW(mB)4.2/2
ISC 07-02:04:21.2: 1.1, 2.42N: 0.07: 127.08E: 0.08, h53km, n17, 0.296/18, mb3.8/4, MS3.6/3, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TNTI, Sangihe, Labuha, Cibinong, Marisa, Luwuk, Mapaga, Tita, FITZroy Crossi, WRA, ASAR, BRDH, PALK, MKAR, NRK, Vnda, etc.

DJA 07-02:27:51.6: 0.9, 2.2N: 5.12: 3E, 1.2, h20km, 7km, M3.7/7, ML3.7/7

IDC 07-02:27:55.5: 2.0, 1.01N: 124.24E, h0km, mb3.2/3, mb1 3.5/4, mb1mx3.3/37, mbmtmp3.4/4, ML3.6/1, MS3.5/1, Ms1 3.5/1, ms1mx2.6/19, Error ellipse: s-maj=140.8km s-min=26.6km az=66.0

ISC 07-02:27:50.0: 2.3, 1.18N: 0.2: 123.05E: 0.08, h35km, n10, 0.132/11, mb3.4/3, Nihamata Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KMSI, MRSI, LUWI, FITZ, WRA, ASAR, MKAR, etc.

IDC 07-02:28:04.6: 1.4, 15.23N: 108.08E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.4/43, mbmtmp3.7/4, ML4.3/1, MS2.8/1, Ms1 2.8/1, ms1mx2.4/58, Error ellipse: s-maj=55.1km s-min=21.1km az=44.0, Vietnam

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR, JNU, ZALV, WRA, ASAR, etc.

IDC 07-02:32:21.3: 0.5, 10.10N: 126.67E, h0km, mb4.2/19, mb1 4.4/20, mb1mx4.2/41, mbmtmp4.2/20, MS3.1/5, Ms1 3.1/5, ms1mx2.0/59, Error ellipse: s-maj=28.9km s-min=1.1km az=73.0

MAN 07-02:32:24.4: 10.25N: 126.89E, h21km, mb5.1, ML4.1, MS4.2
NEIC 07-02:32:26.0: 0.2, 10.11N: 126.70E, h35km, mb4.3/7, Error ellipse: s-maj=12.0km s-min=5.1km az=76.0

ISC 07-02:32:22.7: 3.5, 10.22N: 0.05: 126.87E: 0.07, h8km, 22km, n48, 0.1918/11, mb4.2/27, MS3.0/4, 1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BUTP, BESP, MSLP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Palo, Cagayan de Oro, Lapu-Lapu, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ANWB Willy Bob, HUMP Col San Antoni, CBYP Canovas, etc.

IDC 07:02:34:33.4+1.3, 17.06N; 147.50E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/5.1, mbtmp3.7/5, ML4.0/1, Error ellipse: s-maj=55.5km s-min=22.0km az=109.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUM0 Guam, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

ISC/JB 07:02:36:58.9-0.3, 22.33S; 0.03:66.19W, 0.03, h100km, 2km, mb4.7/203, Error ellipse: s-maj=5.5km s-min=4.2km az=155.9 MOS 07:02:36:59.6+1.6, 22.39S; 68.42W, h105km, mb4.8/36, Error ellipse: s-maj=12.9km s-min=5.7km az=102.7 NEIC 07:02:36:59.0-0.4, 22.35S; 68.19W, h94km, 3km, mb4.8/194, MW5.0, ML5.1(GUC), Error ellipse: s-maj=5.4km s-min=3.8km az=70.0, Moment Tensor Solution. s12

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

ISC 07:02:37:01.4-0.7, 22.39S; 68.63W, h125km, 5km, ML5.1 SJA 07:02:37:01.8-0.8, 22.56S; 68.42W, h104km, 8km, ML3.8, MW4.1 IDC 07:02:37:01.9-0.6, 22.24S; 68.20W, h12km, 4km, mb4.4/17, mb1 4.5/21, mb1mx3.6/5.1, mbtmp4.8/21, MS3.6/8, MS1 3.6/8, ms1mx3.6/5.5, Error ellipse: s-maj=13.6km s-min=10.8km az=66.0 BUJ 07:02:37:02.5-2.2, 30S; 68.20W, h96km, mb5.3/3 GCMT 07:02:37:05.7-0.3, 22.43S; 0.02:66.66W, 0.02, h135km, 3km, MW5.0/69, Moment Tensor Solution. s2, c36; s69, c107; Duration: 0 Moment Tensor Solution. Scale 1016Nm; Mr=2.78e.15; Mw=1.32e.17; Mw0.1:65e.22; Mw1.0:10e.10; Mw1.7:9e.13; Mw3.24e.14; Best double couple: M4.557000x1016 Np1.336.00000, s70.00000, -77.00000, NP2: 0s121.00000, s24.00000, -123.00000. Principal axes: T 4.6200, Plg24.0000, Azm56.0000, N -0.1260, Plg151.0000, Azm191.0000, P -4.9400, Plg63.0000, Azm267.0000, nst2 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

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

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

2012 SEP

7d 3h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like MJB9 Matsu-Tunnel, MAJO Matsushiro, MAT Matsushiro, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like BVAR comp=Z,35nm,0.8s, KAPI Kappang, BRVK Borovoye, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like AKTO Aktuyubinsk, SOEI Soe, SVE Sverdllovsk, etc.

7d 3h

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like LIA Limnos Island, BEL Belsk, PGB Panagyurishte, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like JAVC Velka Javorinka, NC303 NORSAR Array S, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like PRA comp=Z,4um,21.9s, AKN Aaknes, BRG Berggiesshubel, etc.

7d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MTE, PTO, PCBR, PMRV, PCAS, PESTR, PBAR, NRS, BBB, PMTG, IVI, PBEJ, FRB, PVAO, PCVE, MESJ, PMAFR, PBDV, PTEO, MORF, MORF, PFVI, LBTB, LBTB, LLLB, OUK, FCC, A04D, B0SA, B0SA, B0SA, NLWA, B05A, D03D, SNZO, TOAO, TORO, TORO, TORO, TORO, B08A, E04D, FFC, FFC, FFC, TSUM, C09A, NEW, NEW, NEW, NEW, NEW.

2012 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like F05D, HAWA, H04A, G06A, E09A, I04A, JTMT, SCHO, G08A, PINE, PMOZ, PMOZ, J05D, MSO, MSO, YBH, BMO, BMO, BMO, EGMT, EGMT, EGMT, SUR, SUR, HRY, MAW, WYOR, WYOR, DGMT, DGMT, DGMT, BOZ, BOZ, BOZ, HLID, HLID, LAO, LAO, LAO, RLMT, RLMT, RLMT, LKWY, LKWY, AGMN, AGMN, AHID, AHID, NVAR, NVAR, NVAR, DBIC, DBIC, B0W0, B0W0, PDAR, PDAR, PDAR, EYMN, EYMN, RSSD, RSSD, RSSD, DUG, DUG, R11A, COWI, COWI, F40A, F41A, G40A, ECSD, ECSD, SYO, PKME, PKME, ISCO, ISCO, GLMI, GLMI, OGNE, OGNE, PFO, PFO, LONY, LONY, JFWS, JFWS, MVCO, MVCO, WUAZ, WUAZ, SCIA, SCIA, SDCO, SDCO.

440

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VNDA, AAM, AAM, CBKS, CBKS, BINY, BINY, KSU1, KSU1, HDIL, HDIL, SBA, SBA, ANMO, ANMO, ANMO, ANMO, TUC, TUC, PPT2, PPT2, PPT2, PPT2, TBI, TBI, TBI, TBI, WMOK, WMOK, CBN, CBN, MNTX, MNTX, BLA, BLA, WWT, WWT, MIAR, MIAR, MIAR, MIAR, ABTX, ABTX, NVL, NVL, V52A, V52A, TKL, TKL, V53A, V53A, CPCT, CPCT, TAOE, TAOE, QSPA, QSPA, BG3, BG3, X48A, X48A, TX31, TX31, TXAR, TXAR, TXAR, TXAR, CNNC, CNNC, CNNC, CNNC, X51A, X51A, JCT, JCT, JCT, JCT, Y49A, Y49A, NATX, NATX, ASCN, ASCN, HPIG, HPIG, Z50A, Z50A, GOGA, GOGA, NHSC, NHSC, 833A, 833A, BRAL, BRAL, SNA, SNA, SNA, SNA, VNA2, VNA2, VNA1, VNA1, VNA3, VNA3, ZAI, ZAI, RKT, RKT, TLIG, TLIG, GTBY, GTBY, ANWB, ANWB, SJG, SJG, OBIP, OBIP, MTDJ, MTDJ, MTDJ, MTDJ, BBGH, BBGH, TGUH, TGUH, GRGR, GRGR, JTS, JTS, BCIP, BCIP, SDV, SDV, SDV, SDV, SDV, SDV, SDV, SDV, UREC, UREC.

2012 SEP

7d 4h	GIVF	Givet	74.98 319	eP	P	pmax	04 28 11.9	+0.1
		comp=Z,36nm,1.0s						
SENIN	Lac Senin/Sane		75.03 315	eP	P	04 28 11.8	-0.6	
		comp=Z,19nm,0.8s						
KLU	Klutina		75.06 28	eP	P	04 28 12.7	+0.5	
		comp=Z,56nm,1.0s						
DOU	Dourbes		75.12 319	IP	P	04 28 11.7	-0.9	
		comp=Z,24nm,1.6s						
EGAK	Eagle		75.16 24	eP	P	04 28 11.1	-1.5	
		comp=Z,13nm,0.9s						
EGAK					LR	LR		
		comp=Z,850nm,20.0s						
DIV	Divide		75.30 28	eP	P	04 28 14.2	+0.7	
		comp=Z,33nm,1.1s						
BAIF	Baives		75.36 319	eP	P	04 28 14.3	+0.3	
		comp=Z,78nm,1.3s						
PGF	Pioggiola		75.47 311	eP	P	04 28 14.1	-0.8	
		comp=Z,129nm,1.2s						
CAN	Canberra		75.51 143	eP	P	04 28 16.4	+1.4	
		comp=Z,75nm,1.3s						
CAN	Canberra		75.51 143	eP	P	04 28 16.4	+1.4	
		comp=Z,75nm,1.3s						
INK	Inuvik		75.52 19	P	P	04 28 14.3	-0.3	
		comp=Z,11nm,0.9s,baz=335,slow=6.0,SNR=8.3						
INK	Inuvik		75.52 19	eP	P	04 28 13.8	-0.8	
		comp=Z,26nm,0.9s						
INK	Inuvik		75.52 19	eP	P	04 28 13.8	-0.8	
		comp=Z,26nm,0.9s						
MBAR	Mbarara		75.58 262	eP	P	04 28 16.5	+0.4	
		comp=Z,40nm,1.1s						
MBAR	La Chapelle		75.69 315	eP	P	04 28 14.8	-1.3	
		comp=Z,257nm,21.0s						
CABF	La Plagne		75.73 314	eP	P	04 28 15.9	-0.7	
		comp=Z,48nm,1.4s						
LPG	La Plagne		75.73 314	eP	P	04 28 15.9	-0.7	
		comp=Z,80nm,1.0s						
LPL	La Plagne		75.74 314	eP	P	04 28 15.9	-0.7	
		comp=Z,90nm,1.0s						
BMRI	Bremner River		75.75 28	eP	P	04 28 17.5	+0.7	
		comp=Z,119nm,1.1s						
BNI	Bardonecchia		75.97 314	eP	P	04 28 16.7	-1.1	
		comp=Z,75nm,1.4s						
BNI	Bardonecchia		75.97 314	eP	P	04 28 16.7	-1.1	
		comp=Z,75nm,1.4s						
SBF	Sospel		75.97 312	eP	P	04 28 16.5	-1.2	
		comp=Z,106nm,1.2s						
MBDF	Montbardon		76.04 313	eP	P	04 28 16.4	-1.8	
		comp=Z,27nm,1.2s						
RAGM	Ragged Mountai		76.15 28	eP	P	04 28 20.7	+2.4	
		comp=Z,147nm,1.6s						
DAWY	Dawson		76.19 24	eP	P	04 28 18.0	-0.6	
		comp=Z,147nm,1.6s						
ORIF	Oris-en-Rattie		76.54 314	eP	P	04 28 19.8	-1.2	
		comp=Z,67nm,1.4s						
EDMD	Edmundbyers		76.56 325	eP	P	04 28 19.6	-1.2	
		comp=Z,81nm,1.3s						
FRF	La Foret Royal		76.62 312	eP	P	04 28 20.0	-1.3	
		comp=Z,67nm,1.3s						
TGL	Tana Glacier		76.72 28	eP	P	04 28 22.4	+0.7	
		comp=Z,34nm,0.8s						
ESK	Eskdalemuir		76.95 326	eP	P	04 28 22.6	-0.4	
		comp=Z,36nm,1.1s						
ESK	Eskdalemuir		76.95 326	eP	P	04 28 22.6	-0.4	
		comp=Z,36nm,1.1s						
ESK	Eskdalemuir		76.95 326	eP	P	04 28 22.6	-0.4	
		comp=Z,36nm,1.1s						
ESK	Eskdalemuir		76.95 326	eP	P	04 28 22.6	-0.4	
		comp=Z,36nm,1.1s						
SUMG	Summit		76.96 349	eP	P	04 28 22.7	-0.4	
		comp=Z,158nm,1.2s						
SUMG	Summit		76.96 349	eP	P	04 28 22.8	-0.4	
		comp=Z,128nm,1.2s						
SUMG	Summit		76.96 349	eP	P	04 28 22.7	-0.4	
		comp=Z,158nm,1.2s						
SMF	Signal de Mont		77.07 316	eP	P	04 28 22.6	-1.2	
		comp=Z,151nm,1.3s						
SSF	Saint Sauge		77.09 316	eP	P	04 28 22.6	-1.3	
		comp=Z,72nm,1.2s						
KPL	Plockton		77.11 328	eP	P	04 28 23.6	-0.1	
		comp=Z,40nm,1.3s						
LWBW	Laydower, Pea		77.13 324	eP	P	04 28 22.7	-1.3	
		comp=Z,92nm,1.0s						
CWF	Charnwood Fore		77.23 323	eP	P	04 28 23.3	-1.2	
		comp=Z,21nm,1.6s						
SSB	Saint Sauveur		77.23 314	eP	P	04 28 24.2	-0.6	
		comp=Z,40nm,1.3s						
SSB	Saint Sauveur		77.23 314	eP	P	04 28 24.2	-0.6	
		comp=Z,40nm,1.3s						
KESW	Keswick, Cumber		77.26 325	eP	P	04 28 24.6	-0.1	
		comp=Z,108nm,1.2s						
AVF	Avril sur Loir		77.31 316	eP	P	04 28 22.8	-2.3	
		comp=Z,127nm,1.4s						
VIVF	Saint-Julien-h		77.34 314	eP	P	04 28 24.3	-1.1	
		comp=Z,53nm,1.4s						
BGF	Bois d'Agland		77.72 316	eP	P	04 28 26.1	-1.4	
		comp=Z,47nm,1.3s						
PCZM	Mont Dzumac		77.81 123	eP	P	04 28 30.5	+2.2	
		comp=Z,129nm,1.4s						
DZM	Mont Dzumac		77.81 123	eLR	LR	04 52 49.8		
		comp=Z,24nm,22.2s						
DZM	Mont Dzumac		77.81 123	eP	P	04 28 30.2	+1.9	
		comp=Z,72nm,1.3s						
SSW	Stow on the Wo		77.89 323	eP	P	04 28 27.9	-0.3	
		comp=Z,22nm,1.1s,baz=289,slow=2.9,SNR=12						
KEST	Kesra		78.06 304	eP	P	04 28 29.1	-0.5	
		comp=Z,284nm,21.6s,baz=340,slow=4.0						
STRD	Stroud		78.16 322	eP	P	04 28 26.4	-3.4	
		comp=Z,38nm,1.1s						
HLM1	Long Mynd		78.17 323	eP	P	04 28 28.6	-1.2	
		comp=Z,50nm,1.3s						
HLM1	Toulu Ste Croi		78.24 316	eP	P	04 28 29.4	-1.0	
		comp=Z,90nm,1.2s						
LLW	Llanuwchllyn		78.42 324	eP	P	04 28 30.2	-1.0	
		comp=Z,25nm,1.1s						
MCH1	Michaelchurch		78.49 323	eP	P	04 28 31.8	-1.1	
		comp=Z,48nm,1.2s						
MCH1	La Druitiere		78.55 319	eP	P	04 28 30.7	-1.3	
		comp=Z,44nm,1.2s						
THTN	Thala		78.62 304	eP	P	04 28 32.7	-0.1	
		comp=Z,36nm,1.2s						
FLN	La Foliniere		78.68 319	eP	P	04 28 31.5	-1.2	
		comp=Z,54nm,1.3s						
HYT	Haines Junctio		78.82 26	eP	P	04 28 34.4	+1.0	
		comp=Z,25nm,1.1s						
CAF	Calviac		78.96 315	eP	P	04 28 33.8	-0.6	
		comp=Z,62nm,1.1s						
CMAH	Djebel Manchou		79.08 306	eP	P	04 28 34.2	-1.0	
		comp=Z,44nm,1.0s						
GRR	Gorron		79.08 319	eP	P	04 28 33.8	-1.1	
		comp=Z,44nm,1.0s						

RJF	Les Rejaudoux		79.12 315	eP	P	04 28 31.1	-4.1
		comp=Z,123nm,1.3s					
ABSA	Djebel Ababisa		79.19 305	eP	P	04 28 35.4	-0.5
		comp=Z,57nm,1.1s					
JSA	Saint Martin d		79.44 320	eP	P	04 28 36.4	-1.0
		comp=Z,86nm,1.3s					
JSA	Saint Martin d		79.44 320	eP	P	04 28 36.4	-1.0
		comp=Z,86nm,1.3s					
LF	La Frestale		79.78 315	eP	P	04 28 38.3	-0.5
		comp=Z,85nm,1.3s					
CASM	Ain Smara		79.91 306	eP	P	04 28 39.3	-0.5
		comp=Z,101nm,2.0s					
WHY	Whitehorse		79.93 25	eP	P	04 28 39.9	+0.4
		comp=Z,138nm,1.3s					
SGMF	Saint Gilles		80.13 319	eP	P	04 28 40.0	-0.6
		comp=Z,108nm,1.2s					
DFRA	Djebel Bou Aff		80.20 306	eP	P	04 28 41.6	+0.1
		comp=Z,64nm,1.1s					
ROSF	Rostrenen		80.53 320	eP	P	04 28 42.0	-0.6
		comp=Z,108nm,1.2s					
SKAG	Skagway		80.52 26	eP	P	04 28 43.5	+1.0
		comp=Z,64nm,1.1s					
CCA1	Carmenellis		80.63 322	eP	P	04 28 40.8	-2.5
		comp=Z,49nm,1.3s					
QUIF	Quistinic		80.65 319	eP	P	04 28 43.7	-0.2
		comp=Z,47nm,1.2s					
SET	Bessie Mountai		80.73 306	eP	P	04 28 45.0	+0.8
		comp=Z,34nm,1.2s					
JIS	Juneau Island		81.66 27	eP	P	04 28 50.0	+1.5
		comp=Z,36nm,1.2s					
EMHD	Djebel Mahoudou		82.47 307	eP	P	04 28 54.1	+0.6
		comp=Z,23nm,1.3s,baz=351,slow=6.3,SNR=10					
DLBC	De						

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JMA 07 05:46:20.0, 1.3641N, 141.04E, h46km, 1km, M3.5.

IDC 07 05:46:10.6-4.3, 9.51N-85.17W, h0km, mb3.4/3, mb1 3.9/3, mb1mx3.6/27, mbtmp3.4/3, MS3.8/1, Ms1 3.8/1, ms1mx2.9/19, Error ellipse: s-maj=273.8km s-min=62.6km az=43.0

ISCJB 07 05:46:11.9, 0.6, 9.47N, 0.05:85.38W, 0.05, h21km, mb4.2/24, Error ellipse: s-maj=7.8km s-min=5.8km az=35.2

UCR 07 05:46:12.4, 0.9, 9.49N, 85.38W, h13km, 1.3km, mb4.3(NEIC)

NEIC 07 05:46:16.6, 0.7, 9.65N, 85.19W, h35km, mb4.3/21, Error ellipse: s-maj=13.4km s-min=7.5km az=211.0

ISC 07 05:46:14.1, 0.9, 9.56N, 0.07:85.31W, 0.06, h21km, n49, c095/48, mb4.3/24, 6C-1D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VCR Vista de Mar, JTS Juntas Abangare, JTB Juntas Abangare, etc.

SJA 07 05:50:58.3, 0.6, 22.62S, 68.58W, h121km, 5km, ML2.8, MW3.4

ISCJB 07 05:50:59.0, 0.3, 22.61S, 0.04:68.52W, 0.05, h122km, 4km, mb3.8/9, Error ellipse: s-maj=7.3km s-min=5.9km az=146.0

GUC 07 05:50:59.7, 0.6, 22.53S, 68.64W, h127km, 5km, ML4.1

IDC 07 05:51:00.6, 2.2, 22.45S, 68.23W, h118km, 22km, mb3.7/10, mb1 3.7/14, mb1mx3.7/24, mbtmp4.0/14, Error ellipse: s-maj=21.8km s-min=15.9km az=53.0

ISC 07 05:50:59.7, 0.6, 22.60S, 0.05:68.47W, 0.06, h117km, 5km, n36, c120/49, mb4.0/9, 10C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LVC Limon Verde, LVP IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB02 IPOC Station P, PB02 IPOC Station P, etc.

IDC 07 06:11:02.9, 1.5, 27.37N, 104.22E, h0km, mb3.4/5, mb1 3.6/5, mb1mx3.4/5, mbtmp3.5/5, Error ellipse: s-maj=45.1km s-min=24.3km az=69.0, Yunnan

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, KSR5 Korea Array, etc.

NIED 07 06:17:00.36, 70N, 141.20E, h8km, Mw3.9 Best double couple: M8.50000x10^14 NP1=218.00000, 848.00000, lambda=53.00000, NP2=349.00000, 853.00000, lambda=124.00000

BUI 07 06:17:26.5, 36.63N, 141.18E, h20km, mb4.4/12, mb4.7/7, Ms4.2/3, Ms7.4/1/3

JMA 07 06:17:28.5, 0.1, 3.6:66N, 141.13E, h30km, 1km, M4.3 JMA Fell II J1

ISCJB 07 06:17:28.8, 0.6, 36:66N, 0.03:141.10E, 0.04, h28km, 3km, mb4.4/34, Ms4.4/1, Error ellipse: s-maj=6.3km s-min=3.9km az=20.6

NEIC 07 06:17:32.0, 0.7, 36:61N, 141.01E, h43km, 6km, mb4.4/18, Error ellipse: s-maj=7.6km s-min=5.5km az=114.0

NEIC Recorded (2 JMA) in Fukushima and Ibaraki. IDC 07 06:17:34.5, 1.9, 36:57N, 140.84E, h68km, 17km, mb3.8/14, mb1 3.7/18, mb1mx3.8/15, mbtmp4.0/18, MS2.6/2, Ms1 2.6/2, ms1mx2.3/35, Error ellipse: s-maj=16.8km s-min=10.1km az=76.0

ISC 07 06:17:30.1, 2.1, 36.68N, 0.03:141.06E, 0.06, h27km, 7km, n84, c1967/93, mb4.4/34, 1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JHO Hitachi, JHO Hitachi, ONAJ Iwakimizuishi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HHC comp=Z.23nm, 0.9s, pmax, pmax, HHC comp=Z.99nm, 5.7s, LR, LR, etc.

IDC 07 06:21:07.6, 0.7, 10.71N, 126.62E, h0km, mb4.4/12, mb1 4.5/12, mb1mx4.1/42, mbtmp4.4/12, MS3.2/9, Ms1 3.2/9, ms1mx2.9/37, Error ellipse: s-maj=45.0km s-min=15.2km az=68.0

MAN 07 06:21:08.7, 10.95N, 126.84E, h14km, mb5.0, ML3.9, MS4.0

ISCJB 07 06:21:10.7, 0.3, 10.73N, 0.04:126.78E, 0.04, h33km, mb4.5/26, MS3.1/6, Error ellipse: s-maj=6.7km s-min=5.1km az=144.6

NEIC 07 06:21:13.1, 0.2, 10.68N, 126.65E, h35km, mb4.9/20, Error ellipse: s-maj=10.4km s-min=4.8km az=69.0

ISC 07 06:21:12.7, 0.4, 10.82N, 0.05:126.80E, 0.07, h35km, n73, c135/73, mb4.7/26, MS3.1/6, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BESP Borongan, PLP Palo, MSPL Maasin, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Hachioji jima 2, KSAR Wonju Array Be, KSRs Korea Array, etc.

ICC 07 06:22:19.1, 1.9, 4.43S, 106.10W, h0km, mb3.7/6, mb1 4.1/6, mb1mx3.8/25, mbtmp3.7/6, MS3.7/8, Ms1 3.7/8, ms1mx3.5/18, Error ellipse: s-maj=50.8km s-min=38.4km az=37.0

ISC 07 06:22:28.2, 1.4, 4.4S, 106.07W, h17km, n9, r=144/8, mb3.9/6, MS3.6/8, Central East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like RPN Rapa Nui, CMIG Matias Romero, APG El Apazote, etc.

MEX 07 06:40:02.7, 0.3, 16.51N, 98.56W, h13km, 5km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, TLIG Tiapa, CAIG El Cayaco, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like VHO PLIG Platanillo, YAIG Yautepac, HUIG Huatulco, etc.

ICC 07 06:44:26.4, 2.4, 10.96S, 113.48E, h0km, mb3.3/3, mb1 3.7/4, mb1mx3.5/35, mbtmp3.5/4, ML3.1/1, Error ellipse: s-maj=116.7km s-min=27.4km az=45.0

ISCJB 07 06:44:29.5, 0.9, 10.80S, 113.77E, h0, h23km, mb3.3/3, Error ellipse: s-maj=11.2km s-min=7.0km az=143.1

DJA 07 06:44:34.0, 4.0, 11.1S, 113.77E, h10km, M3.7/6, MLV3.7/6

ISC 07 06:44:30.6, 1.2, 10.83S, 113.74E, h0, h23km, n9, r=146/13, mb3.3/3, South of Java

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like JAGI Jagaj, GMJI Gumukmas, SRBI Sangaraja, etc.

ICC 07 06:54:33.6, 0.5, 33.61N, 105.139E, h0, h169km, 4km, mb3.7/5, Error ellipse: s-maj=8.1km s-min=7.3km az=135.6

ICC 07 06:54:34.0, 0.6, 33.49N, 139.21E, h161km, 8km, mb3.5/5, mb1 3.0/7, mb1mx3.2/35, mbtmp3.9/7, Error ellipse: s-maj=42.5km s-min=10.2km az=71.0

JMA 07 06:54:35.0, 0.1, 33.64N, 139.43E, h159km, 2km, M3.3/2

ISC 07 06:54:36.0, 0.9, 33.82N, 105.139E, h0, h165km, 7km, n27, r=83/36, mb3.5/5, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like JMKN Mikurajimanish, JHJ Hachioji jima 2, JKO Kozu shima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like JHU Hachioji jima 2, JHC Hachiojiimakas, JIM2 Oshima 3, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like JHJ Hachioji jima 2, JKO Kozu shima, JHU Hachioji jima 2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like JHJ Hachioji jima 2, JKO Kozu shima, JHU Hachioji jima 2, etc.

ICC 07 06:58:56.8, 6.9, 80S, 72.12E, h6km, mb5.0/57, mB5.0/38, Ms4.8/41, Ms7.4/537

ISCJB 07 06:58:57.0, 8.6, 90S, 0.02E, 72.15E, h0, h14km, 5km, mb5.0/180, MS4.4/39, Error ellipse: s-maj=4.6km s-min=3.4km az=135.8

ICC 07 06:58:57.1, 0.4, 6.86S, 72.17E, h0km, mb4.6/28, mb1 4.7/28, mb1mx1.7/43, mbtmp4.6/28, MS4.3/26, Ms1 4.3/26, ms1mx4.1/44, Error ellipse: s-maj=13.4km s-min=11.7km az=30.0

MOS 07 06:58:58.5, 1.0, 6.77S, 72.22E, h17km, mb5.3/90, MS4.3/10, Error ellipse: s-maj=7.4km s-min=4.3km az=106.0

NEIC 07 06:58:58.0, 1.6, 8.88S, 72.18E, h10km, mb5.2/88, Error ellipse: s-maj=4.7km s-min=3.9km az=47.0

GCMT 07 06:58:59.0, 3.6, 9.95S, 0.02E, 72.31E, h0, h18km, MW5.0/86, Moment Tensor Solution. s58.c73; s86.c136; Duration: 0 Moment tensor: Scale 1016Nm; Mir-3.29E-14; Mw3.3.16t; 10; Mw0.13s; 09; Mw2.58t; 22; Mw0.01t; 08; Mw-0.02t; 24; Best double couple: Mw4.13000x1016 NP1.7e270.00000, s64.00000, -9.00000. NP2: 6e90.00000, s26.00000, -1.90.00000. Principal axes: T 4.0650, P19.00000, Azmo,0.0000; N 0.1370, P19.00000, Azmo,0.0000; P -4.1950, P19.0000, Azmo,181.0000;

nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 07 06:58:59.2, 0.4, 6.87S, 72.17E, h0, h13km, 2km, h13km, p-P, n1001, 0696/1010, mb5.2/180, MS4.4/41, 42C-15D, Chagos Archipelago region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like DGAR Diego Garcia, H08S3 Diego Garcia H, H08S1 Diego Garcia H, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like H08N1 Diego Garcia H, H08N3 Diego Garcia H, H08N2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like H08N2 Diego Garcia H, H08N1 Diego Garcia H, H08N3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like H08N2 Diego Garcia H, H08N1 Diego Garcia H, H08N3 Diego Garcia H, etc.

Large table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like PALK comp=2.1um, 18.2s, baz=341, slow=34, PALK Pallekele, HYB Hyderabad, KCSI Kotacane, etc.

7d 6h

2012 SEP

456

K05A	Summer Lake	142.48	16	ePKPdf	PKPdf	07 18 31.4	-1.2
RSSD	Black Hills	142.75	355	ePKPdf	PKPdf	07 18 29.7	-3.4
RSSD	Black Hills	142.75	355	ePKIKP	PKPdf	07 18 29.7	-3.4
HLD	Halley	143.00	8	ePKPPrp	PKPPrp	07 18 30.6	0.0
R450	Springfield	143.04	30	P	PKPbc	07 18 29.6	-0.6
ZTZN	Tazewell	143.07	327	P	PKPbc	07 18 29.7	-0.7
U52A	Thorn Hill	143.08	326	P	PKPab	07 18 29.6	+0.7
O42A	Bath	143.20	337	P	PKPbc	07 18 30.1	-0.4
P43A	Sand Creek, Wi	143.23	335	P	PKPbc	07 18 30.2	-0.4
V54A	Saluda	143.28	325	P	PKPbc	07 18 30.7	-0.3
T50A	Nancy	143.40	328	P	PKPbc	07 18 30.9	-0.4
MOD	Modoc Plateau	143.40	16	ePKPPrp	PKPPrp	07 18 31.4	0.0
TPAW	Teton Pass	143.43	43	ePKPdf	PKPdf	07 18 32.5	+1.1
U51A	La Follette	143.44	327	P	PKPbc	07 18 31.2	-0.2
P30A	Skaggs, Pawnee	143.46	336	P	PKPbc	07 18 31.1	-0.2
N43W	Snow King Moun	143.47	4	ePKPdf	PKPdf	07 18 33.8	-0.6
N39A	Derby Farms, D	143.48	340	P	PKPbc	07 18 31.1	-0.2
Q45A	Warren Harvey,	143.51	334	P	PKPbc	07 18 31.4	-0.1
S48A	Wiedeman Farm,	143.53	330	P	PKPbc	07 18 31.3	-0.2
N02D	Trinity Center	143.54	19	P	PKPbc	07 18 31.7	+0.1
REDW	Red Top Meadow	143.56	4	ePKPdf	PKPdf	07 18 34.2	+0.3
V52A	Sevierville	143.60	326	ePKPPrp	PKPPrp	07 18 31.8	0.0
V52A	Sevierville	143.60	326	P	PKPbc	07 18 31.5	-0.4
OLIL	Olney	143.61	334	ePKPPrp	PKPPrp	07 18 31.3	0.0
T49A	Edmonton	143.69	329	ePKPPrp	PKPPrp	07 18 31.2	0.0
T49A	Edmonton	143.69	329	P	PKPab	07 18 31.3	0.0
R46A	Gibson Southern	143.78	332	P	PKPab	07 18 31.8	+0.3
N38A	Joos South For	143.79	341	P	PKPab	07 18 31.7	+0.1
BG3	Lake Jocassee	143.83	324	ePKPPrp	PKPPrp	07 18 32.5	0.0
P42A	Winches	143.83	337	ePKPPrp	PKPPrp	07 18 32.1	0.0
W53A	Culowhee	143.84	325	P	PKPab	07 18 31.7	-0.4
U50A	Jamestown	143.86	328	P	PKPab	07 18 31.3	-0.7
Q44A	Meyer Farm, Va	143.87	335	P	PKPab	07 18 32.0	+0.1
O40A	La Belle	143.93	339	P	PKPab	07 18 32.0	-0.1
WDC	Whiskeytown Da	143.95	19	ePKPPrp	PKPbc	07 18 32.3	-0.4
WDC	Whiskeytown Da	143.95	19	ePKIKP	PKPbc	07 18 32.3	+0.1
HODGE	Hodges	143.96	323	ePKPdf	PKPdf	07 18 33.1	+0.2
S47A	Hartford	143.97	331	P	PKPab	07 18 32.3	-0.1
P41A	Barry Barry	144.03	338	P	PKPab	07 18 32.1	-0.4
USIN	University of S	144.05	332	ePKPdf	PKPdf	07 18 32.7	+0.1
O39A	Kirksville	144.05	340	P	PKPab	07 18 32.5	0.0
V51A	Loudon	144.09	327	ePKPdf	PKPdf	07 18 32.1	-0.6
V51A	Loudon	144.09	327	P	PKPab	07 18 32.7	0.0
R45A	Skyler, Fairir	144.06	333	P	PKPab	07 18 32.6	0.0
T48A	Bowling Green	144.12	330	P	PKPab	07 18 32.3	-0.6
Q43A	New Douglas	144.12	336	P	PKPab	07 18 33.0	+0.1
N37A	Lee Farms, Mou	144.13	342	ePKPdf	PKPdf	07 18 32.7	-0.1
N37A	Lee Farms, Mou	144.13	342	P	PKPab	07 18 32.0	-0.9
AHID	Auburn Hatcher	144.14	4	ePKPdf	PKPbc	07 18 33.3	-0.2
BW06	Boulder Array	144.22	2	ePKPdf	PKPbc	07 18 34.1	+0.3
BW06	Boulder Array	144.22	2	P	PKPbc	07 18 33.8	0.0
PD31	Pinedale Array	144.22	2	ePKPdf	PKPbc	07 18 34.4	+0.6
PDAR	Pinedale Array	144.22	2	P	PKPbc	07 18 34.0	+0.2
PDAR	Pinedale Array	144.22	2	ePKPPrp	PKPbc	07 18 34.2	+0.4
U9A	Red Boiling Sp	144.27	329	P	PKPab	07 18 32.7	-0.8
S46A	Don Dixon Farm	144.30	332	P	PKPab	07 18 33.0	-0.6
W52A	Murphy	144.33	325	ePKPdf	PKPdf	07 18 33.5	-0.4
W52A	Murphy	144.33	325	P	PKPab	07 18 33.4	-0.4
K22A	Casper	144.35	358	ePKPdf	PKPbc	07 18 34.1	0.0
K22A	Casper	144.35	358	P	PKPab	07 18 33.5	-0.3
X53A	Estanolee	144.39	324	P	PKPab	07 18 34.0	0.0
KCPM	Chito Peak	144.39	21	ePKPdf	PKPdf	07 18 35.5	-0.4
CPCT	Cooper Cave	144.40	326	ePKPdf	PKPdf	07 18 34.2	-0.1
R44A	Waltონville	144.45	334	P	PKPab	07 18 33.5	-0.6
O03D	Paynes Creek	144.45	19	P	PKPab	07 18 33.5	-0.7
V54A	Tignal	144.47	323	P	PKPbc	07 18 34.5	-0.1
O38A	Galt	144.48	341	P	PKPab	07 18 33.3	-0.9
Q42A	Golden Eagle	144.49	336	P	PKPab	07 18 34.0	-0.2
P40A	Paris	144.52	339	ePKPdf	PKPdf	07 18 34.0	-0.4
P40A	Paris	144.52	339	P	PKPab	07 18 33.9	-0.4
BGNE	Belgrade	144.54	347	ePKPdf	PKPbc	07 18 34.7	+0.1
BGNE	Belgrade	144.54	347	P	PKPab	07 18 34.0	-0.4
V50A	Pikeville	144.55	327	P	PKPab	07 18 34.4	-0.2
T47A	Sharon Grove	144.56	331	ePKPdf	PKPdf	07 18 33.6	-1.0
T47A	Sharon Grove	144.56	331	P	PKPab	07 18 33.8	-0.8
Z55A	Blythe	144.57	321	P	PKPab	07 18 34.7	0.0
SLM	Saint Louis	144.60	336	ePKPdf	PKPdf	07 18 34.6	0.0
SLM	Saint Louis	144.60	336	ePKIKP	PKPdf	07 18 34.6	0.0
U48A	Cassie Pea, Po	144.66	330	P	PKPab	07 18 34.2	-0.7
X52A	Daltonega	144.66	325	P	PKPab	07 18 34.6	-0.5
S45A	Carrier Mills	144.70	333	P	PKPab	07 18 34.4	-0.7
Q41A	Truxton	144.72	337	P	PKPab	07 18 34.7	-0.3
W51A	Cleveland	144.75	326	P	PKPab	07 18 35.1	-0.2
R43A	Red Bud	144.78	335	P	PKPab	07 18 35.0	-0.3
P39B	Salisbury	144.81	340	P	PKPab	07 18 34.6	-0.8
T46A	Princeton	144.80	332	P	PKPab	07 18 35.1	-0.7
V49A	McMillinville	144.91	328	P	PKPab	07 18 34.9	-1.0
P38A	Dawn	144.95	341	ePKPdf	PKPdf	07 18 35.3	-0.6
P38A	Dawn	144.95	341	P	PKPab	07 18 34.9	-1.0
SIUC	Southern Illin	144.95	334	ePKPdf	PKPdf	07 18 35.7	-0.3
HVU	Hansel Valley	144.96	6	ePKPdf	PKPdf	07 18 35.9	-0.2
HVU	Hansel Valley	144.96	6	ePKIKP	PKPdf	07 18 35.9	-0.2
44A	Carbondale	144.98	334	P	PKPab	07 18 35.9	-0.2
Z54A	Sparta	144.99	322	P	PKPab	07 18 36.0	-0.3
Q40A	Laux Farm, Aux	145.00	338	P	PKPab	07 18 35.6	-0.5
V53A	Monroe	145.01	323	P	PKPbc	07 18 36.1	-0.2
W50A	Signal Mountai	145.02	327	ePKPbc	PKPbc	07 18 35.9	-0.5
W50A	Signal Mountai	145.02	327	P	PKPbc	07 18 36.0	-0.3
U47A	Clarkville	145.03	330	P	PKPbc	07 18 35.6	-0.8
R42A	Luebbering	145.13	336	P	PKPbc	07 18 36.0	-0.6
155A	Kite	145.17	321	P	PKPbc	07 18 36.8	-0.1

HOPS	Hopland Field	145.19	21	ePKPbc	PKPdf	07 18 37.6	+0.4
ORV	Oroville	145.22	19	ePKPbc	PKPbc	07 18 36.3	-0.5
ORV	Oroville	145.22	19	ePKIKP	PKPbc	07 18 36.3	-0.5
Z56A	Glennville	145.23	319	P	PKPbc	07 18 37.0	-0.1
FVM	Fresh Village	145.24	336	ePKPbc	PKPdf	07 18 37.5	+0.2
X51A	Calhoun	145.24	326	ePKPbc	PKPbc	07 18 36.9	-0.1
ZT1A	Calhoun	145.24	326	P	PKPbc	07 18 36.8	-0.3
P37A	Lathrop	145.24	342	P	PKPbc	07 18 36.0	-0.9
GOGA	Godfrey	145.25	323	ePKPbc	PKPab	07 18 37.3	+0.1
GOGA	Godfrey	145.25	323	ePKIKP	PKPab	07 18 37.3	+0.1
GOGA	Godfrey	145.25	323	P	PKPbc	07 18 36.8	-0.3
T45A	Paducah	145.27	333	ePKPbc	PKPbc	07 18 36.7	-0.3
T45A	Paducah	145.27	333	P	PKPbc	07 18 36.6	-0.5
BEKR	Beckworth	145.28	17	ePKPbc	PKPbc	07 18 37.2	0.0
Q39A	Widow Grove F	145.28	339	P	PKPbc	07 18 36.0	-1.0
Y52A	Lilburn	145.29	324	ePKPbc	PKPbc	07 18 37.0	-0.1
Y52A	Lilburn	145.29	324	P	PKPbc	07 18 37.1	-0.1
R41A	Rosebud	145.33	329	ePKPbc	PKPdf	07 18 37.7	0.0
SWET	Sewanee	145.34	358	ePKPbc	PKPbc	07 18 36.8	-0.6
R41A	Rosebud	145.35	337	P	PKPbc	07 18 36.7	-0.5
V48A	Smith Brothers	145.41	329	ePKPbc	PKPbc	07 18 36.8	-0.8
V48A	Smith Brothers	145.41	329	P	PKPbc	07 18 36.6	-0.9
Z53A	Monticello	145.41	323	P	PKPbc	07 18 37.4	-0.2
S43A	Fulton Ridge	145.44	335	P	PKPbc	07 18 37.3	-0.3
GDXM	Geysers	145.45	21	ePKPbc	PKPab	07 18 39.9	+1.1
SPUT	South Promonto	145.46	6	ePKPbc	PKPdf	07 18 37.8	0.0
CCM	Cathedral Cave	145.50	337	ePKPbc	PKPbc	07 18 37.9	+0.1
CCM	Cathedral Cave	145.50	337	P	PKPbc	07 18 37.8	+0.1
BNN	Battle Mountai	145.54	13	ePKPdf	PKPab	07 18 38.1	-0.1
S42A	Caledonia	145.57	336	P	PKPdf	07 18 37.4	-0.5
Q38A	Cooks Store, C	145.57	340	P	PKPdf	07 18 37.1	-0.7
154A	Montrose	145.58	321	ePKPdf	PKPdf	07 18 37.9	-0.2
154A	Montrose	145.58	321	P	PKPdf	07 18 38.0	0.0
U46A	Belvidere	145.58	331	P	PKPdf	07 18 37.6	-0.3
W49A	Waverly	145.59	328	P	PKPbc	07 18 37.4	-0.6
WWT	Waverly	145.60	331	ePKPdf	PKPdf	07 18 37.6	-0.3
WWT	Waverly	145.60	331	ePKIKP	PKPdf	07 18 37.7	-0.3
WWT	Waverly	145.60	331	P	PKPdf	07 18 37.2	-0.8
T44A	Benton	145.64	334	P	PKPdf	07 18 38.1	+0.1
255A	Hazelhurst	145.64	320	ePKPdf	PKPab	07 18 38.6	0.0
255A	Hazelhurst	145.64	320				

V40A	Witts Springs	148.08 337	ePKPdf	PKPdf	07 18 40.0	-2.2
V40A	Witts Springs	148.08 337	P	PKPbc	07 18 44.8	-0.6
HHAR	Hobbs	148.09 338	ePKPdf	PKPdf	07 18 41.3	-0.9
HHAR	Hobbs	148.09 338	P	PKPbc	07 18 44.5	-0.8
957A	Wimauma	148.11 313	P	PKPbc	07 18 45.7	+0.1
061Z	Ochoppi	148.12 309	P	PKPbc	07 18 45.7	+0.1
TCRU	Three Creeks R	148.13 7	ePKPbc	PKPbc	07 18 46.7	+1.0
058A	Arcadia	148.15 312	P	PKPbc	07 18 45.5	-0.2
148A	Greensboro	148.17 326	P	PKPbc	07 18 45.6	0.0
Y45A	Yeager Farm, C	148.25 330	P	PKPbc	07 18 45.6	-0.2
MSU	Marysvale	148.26 6	ePKPbc	PKPbc	07 18 46.5	+0.5
059Z	Ave Maria	148.28 311	P	PKPbc	07 18 46.1	0.0
X43A	Marvell	148.35 333	ePKPdf	PKPbc	07 18 45.9	-0.1
X43A	Marvell	148.35 333	P	PKPbc	07 18 45.9	-0.1
V39A	Pettigrew	148.37 338	P	PKPbc	07 18 45.4	-0.7
035A	Dozier	148.37 323	P	PKPbc	07 18 46.5	+0.3
W41B	Gary Mavity, V	148.40 335	ePKPdf	PKPbc	07 18 45.4	-0.8
W41B	Gary Mavity, V	148.40 335	P	PKPbc	07 18 45.8	-0.3
249A	Camden	148.43 325	P	PKPbc	07 18 46.6	+0.3
PV21	Cone Mtn., Par	148.44	ePKPdf	PKPdf	07 18 43.8	+0.2
PV22	Blue Mesa, Par	148.47	ePKPdf	PKPdf	07 18 43.2	+0.2
Z46A	Louisville	148.48 329	P	PKPbc	07 18 46.6	+0.2
PV09	Paradox Valley	148.50	ePKPbc	PKPbc	07 18 46.8	+0.1
TIN	Tinimaha, Big	148.50 16	P	PKPbc	07 18 47.1	+0.6
Y44A	Strider, Charl	148.50 331	P	PKPbc	07 18 46.4	-0.1
147A	Livingston	148.53 327	ePKPbc	PKPbc	07 18 46.7	+0.2
147A	Livingston	148.53 327	P	PKPbc	07 18 46.5	-0.1
PV23	Carpenter Ridg	148.54	ePKPbc	PKPbc	07 18 46.6	-0.2
PV20	Paradox Valley	148.62	ePKPbc	PKPbc	07 18 47.5	+0.5
PV14	Lion Creek, Pa	148.62	ePKPbc	PKPbc	07 18 46.9	-0.1
552A	Lynn Haven	148.63 320	P	PKPbc	07 18 47.1	+0.2
PV20	West Nyswonger	148.66	ePKPdf	PKPbc	07 18 46.3	-0.7
X42A	Stuttgart	148.66 334	P	PKPbc	07 18 47.0	+0.2
248A	Dixon Mills	148.69 326	P	PKPbc	07 18 47.3	+0.4
PV12	Saucer Basin,	148.69	ePKPbc	PKPbc	07 18 47.4	+0.3
PV19	Morning Glory	148.69	ePKPdf	PKPbc	07 18 46.4	-0.7
PV16	Nyswonger Mesa	148.69	ePKPdf	PKPbc	07 18 46.6	-0.5
PV11	David Mesa, Pa	148.70	ePKPdf	PKPdf	07 18 43.0	-0.4
PV11	David Mesa, Pa	148.70	ePKPbc	PKPbc	07 18 47.4	-0.3
W40A	Ferguson Farm,	148.71 336	ePKPdf	PKPbc	07 18 45.8	-1.1
W40A	Ferguson Farm,	148.71 336	P	PKPbc	07 18 46.8	-0.2
PV17	East Wray Mesa	148.72	ePKPbc	PKPbc	07 18 47.6	+0.4
MTPU	Mount Pierson	148.72	ePKPdf	PKPdf	07 18 42.4	-1.3
Z45A	Winona	148.72 330	ePKPdf	PKPdf	07 18 48.1	+0.1
Z45A	Winona	148.72 330	ePKPbc	PKPbc	07 18 47.5	-0.1
Z45A	Winona	148.72 330	P	PKPbc	07 18 47.0	-0.1
PV03	Paradox Valley	148.75	ePKPdf	PKPdf	07 18 44.0	+0.6
PV03	Paradox Valley	148.75	ePKPbc	PKPbc	07 18 47.7	-0.1
PV18	Skein Mesa, Pa	148.75	ePKPdf	PKPbc	07 18 46.6	-0.7
UALR	University of	148.78 335	ePKPbc	PKPbc	07 18 47.0	-0.1
GRAC	Grapevine Rang	148.78 15	P	PKPbc	07 18 47.7	+0.5
PV02	Paradox Valley	148.80	ePKPbc	PKPbc	07 18 47.4	0.0
062Z	Marathon	148.82 308	P	PKPbc	07 18 47.3	-0.2
PV13	Radium Mtn., P	148.84	ePKPdf	PKPdf	07 18 44.0	+0.3
PV13	Radium Mtn., P	148.84	ePKPbc	PKPbc	07 18 47.7	-0.3
PV13	Radium Mtn., P	148.84	ePKPbc	PKPbc	07 18 47.9	+0.2
Y43A	Paradox Valley	148.88 332	P	PKPbc	07 18 47.7	+0.3
PV05	Paradox Valley	148.91	ePKPdf	PKPbc	07 18 46.9	-0.8
349A	Repton	148.93 324	P	PKPbc	07 18 48.3	+0.7
450A	Crestview	148.96 323	P	PKPbc	07 18 47.7	0.0
BRAL	Brewton	148.98 324	ePKPdf	PKPbc	07 18 47.5	-0.2
BRAL	Brewton	148.98 324	P	PKPbc	07 18 48.1	+0.4
146A	Union	148.98 328	ePKPbc	PKPbc	07 18 48.0	+0.3
146A	Union	148.98 328	P	PKPbc	07 18 48.1	+0.3
W39A	Magazine	148.99 337	ePKPdf	PKPbc	07 18 47.3	-0.4
W39A	Magazine	148.99 337	P	PKPbc	07 18 47.2	-0.4
CCUT	Cedar City	149.05 9	ePKPbc	PKPbc	07 18 48.8	+0.7
TUL1	Leonard	149.06 341	ePKPbc	PKPbc	07 18 47.6	-0.3
TUL1	Leonard	149.06 341	P	PKPbc	07 18 47.7	-0.2
X41A	Kaden, Bauxite	149.09 335	P	PKPbc	07 18 47.6	-0.3
TPNV	Topopah Spring	149.09 13	ePKPbc	PKPbc	07 18 48.2	+0.1
TPNV	Topopah Spring	149.09 13	P	PKPbc	07 18 48.3	+0.1
CWC	Cottonwood Cre	149.12 16	P	PKPbc	07 18 48.3	+0.1
Z44A	Pea Ridge, Bel	149.16 331	P	PKPbc	07 18 47.8	-0.4
247A	Quitman	149.19 327	P	PKPbc	07 18 49.1	+0.8
SDCO	Great Sand Dun	149.20 356	ePKPbc	PKPbc	07 18 48.2	-0.2
SDCO	Great Sand Dun	149.20 356	P	PKPbc	07 18 48.3	-0.2
X40A	Basin Creek Fa	149.23 335	ePKPbc	PKPbc	07 18 48.6	+0.3
X40A	Basin Creek Fa	149.23 335	P	PKPbc	07 18 48.0	-0.3
S22A	4UR Ranch, Cre	149.25 358	ePKPbc	PKPbc	07 18 48.6	0.0
S22A	4UR Ranch, Cre	149.25 358	P	PKPbc	07 18 48.7	0.0
348A	Jackson	149.29 325	ePKPbc	PKPbc	07 18 49.6	+1.1
348A	Jackson	149.29 325	P	PKPbc	07 18 49.2	+0.7
PKCU	Pink Cliffs	149.30 7	ePKPbc	PKPbc	07 18 49.5	+0.7
Y42A	Garnett, Star	149.33 333	P	PKPbc	07 18 49.1	+0.5
449A	Pace	149.37 323	P	PKPbc	07 18 49.3	+0.5
VES	Vestal, Richgr	149.38 18	P	PKPbc	07 18 49.3	+0.7
DAC	Darwin (Calif)	149.40 16	ePKPdf	PKPdf	07 18 45.3	+0.7
DAC	Darwin (Calif)	149.40 16	ePKPbc	PKPbc	07 18 49.2	+0.3
FURC	Furnace Creek,	149.41 14	P	PKPbc	07 18 49.3	+0.6
145A	Houston Renfro	149.46 329	P	PKPbc	07 18 49.2	+0.3
MIAR	Mount Ida	149.48 336	ePKPdf	PKPdf	07 18 45.2	+0.7
MIAR	Mount Ida	149.48 336	ePKPbc	PKPbc	07 18 49.3	+0.4
MIAR	Mount Ida	149.48 336	P	PKPbc	07 18 49.3	+0.4
246A	Jackson Lee, B	149.50 328	P	PKPbc	07 18 49.5	+0.5
SMMC	Simmler	149.57 20	P	PKPbc	07 18 50.0	+0.8
LCMT	Little Creek M	149.60 9	ePKPdf	PKPdf	07 18 45.5	+0.7
LCMT	Little Creek M	149.60 9	ePKPbc	PKPbc	07 18 50.1	-0.4
Z43A	Armstrong Fami	149.61 332	P	PKPbc	07 18 49.4	+0.2
448A	Bay Minette	149.62 325	P	PKPbc	07 18 49.6	+0.2
MPMC	Manual Prospec	149.63 16	P	PKPbc	07 18 49.9	+0.4
347A	Saraland	149.65 326	P	PKPbc	07 18 50.3	+0.9
KNB	Kanab	149.65 8	ePKPbc	PKPbc	07 18 50.4	+0.9
Y41A	Eagleette Beard	149.66 334	P	PKPbc	07 18 49.7	+0.3
144A	Alexander Plac	149.68 330	P	PKPbc	07 18 50.1	+0.7
T25A	Trinidad	149.71 355	ePKPdf	PKPdf	07 18 45.5	+0.4
T25A	Trinidad	149.71 355	ePKPbc	PKPbc	07 18 50.3	-0.5
T25A	Trinidad	149.71 355	P	PKPbc	07 18 49.6	-0.2
X39A	Fountain Ranch	149.72 337	P	PKPbc	07 18 49.8	+0.3

ISA	Isabella, Lake	149.73 12	ePKPbc	PKPbc	07 18 49.4	-0.2
SHPR	Sheep Range	149.75 12	ePKPbc	PKPbc	07 18 50.5	+0.8
MVCO	Mesa Verde	149.80 1	ePKPbc	PKPbc	07 18 48.9	-0.1
MVCO	Mesa Verde	149.80 1	P	PKPbc	07 18 49.6	-0.3
Y40A	Okolona	149.82 335	P	PKPbc	07 18 50.1	+0.3
Z42A	Norrel Spur, H	149.88 333	P	PKPbc	07 18 50.4	+0.5
245A	Little Ap, Sta	149.89 329	P	PKPbc	07 18 50.6	+0.6
OTAV	Otavalo	149.96 259	ePKPbc	PKPbc	07 18 52.3	+1.0
PKM	Mickerson Park	150.01 20	P	PKPbc	07 18 51.3	+0.8
BKMS	Wicksburg	150.06 330	P	PKPbc	07 18 51.0	+0.6
SHOC	Shoshone, Teco	150.09 14	P	PKPbc	07 18 51.1	+0.7
143A	Socs Landing,	150.10 331	P	PKPbc	07 18 50.8	+0.3
ARVC	Arvin	150.12 18	P	PKPbc	07 18 50.9	+0.4
346A	Big Creek Wild	150.12 327	ePKPbc	PKPbc	07 18 51.9	+1.2
346A	Big Creek Wild	150.12 327	P	PKPbc	07 18 51.5	+0.9
447A	Lucedale	150.18 325	P	PKPbc	07 18 51.5	+0.8
Z41A	Richland Creek	150.27 334	ePKPbc	PKPbc	07 18 51.5	+0.6
Z41A	Richland Creek	150.27 334	P	PKPbc	07 18 51.4	+0.6
244A	Avery, Jackson	150.29 330	P	PKPbc	07 18 51.4	+0.5
U15A	North Rim	150.37 7	ePKPdf	PKPdf	07 18 46.9	+0.8
U15A	North Rim	150.37 7	ePKPbc	PKPbc	07 18 52.0	-0.1
SBC	Santa Barbara	150.46 20	P	PKPbc	07 18 52.0	+0.7
142A	Altoona	150.48 332	P	PKPbc	07 18 52.0	+0.6
Z40A	Long Farm, Mag	150.53 335	P	PKPbc	07 18 52.1	+0.6
GSC	Goldstone, Bar	150.53 15	ePKPbc	PKPbc	07 18 52.5	+0.9
GSC	Goldstone, Bar	150.53 15	P	PKPbc	07 18 52.1	+0.5
345A	Thompson Farm,	150.53 328	P	PKPbc	07 18 52.2	+0.6
446A	Poplarville	150.57 326	P	PKPbc	07 18 52.3	+0.7
EDW2	Edwards Air Fo	150.60 17	P	PKPbc	07 18 52.1	+0.4
TUQ	Turquoise Moun	150.62 14	P	PKPbc	07 18 52.3	+0.5
OSI	Osito Audit: C	150.62 19	P	PKPbc	07 18 52.2	+0.5
344A	Westbrook Farm	150.78 329	ePKPbc	PKPbc	07 18 52.3	+1.1
344A	Westbrook Farm	150.78 329	P	PKPbc	07 18 52.5	+0.4
243A	Waterproof	150.81 331	P	PKPbc	07 18 52.5	+0.3
141A	Papa Simpson,	150.87 333	P	PKPbc	07 18 52.8	+0.5
RRR	Edison Barstow	150.88 16	P	PKPbc	07 18 52.5	+0.2
SC2Z	Santa Cruz Isl	150.89 20	P	PKPbc	07 18 52.5	+0.2
BLG	Laguna Peak, P	150.98 19	P	PKPbc	07 18 52.8	+0.2
242A	Grayson	150.98 332	P	PKPbc	07 18 52.9	+0.3
WMOK	Wichita Mounta	151.04 344	ePKPdf	PKPdf	07 18 46.8	-0.1
WMOK	Wichita Mounta	151.04 344	ePKPbc	PKPbc	07 18 51.9	-0.9
WMOK	Wichita Mounta	151.04 344	ePKPbc	PKPbc	07 18 46.8	-0.1
WMOK	Wichita Mounta	151.04 344	P	PKPbc	07 18 51.9	-0.9
DECC	Green Verdugo	151.08 18	P	PKPbc	07 18 53.0	+0.2
HEC	Hector,Ludlow	151.10 15	P	PKPbc	07 18 53.5	+0.6
140A	Cam and Jess,	151.13 335	ePKPbc	PKPbc	07 18 53.9	+1.0
140A	Cam and Jess,	151.13 335	P	PKPbc	07 18 53.5	+0.6
LDFC	Landfair	151.14 12	ePKPbc	PKPbc	07 18 54.1	+1.0
445A	Amite	151.15 328	P	PKPbc	07 18 53.8	+0.8
MWC	Mount Wilson	151.19 18	ePKPbc	PKPbc	07 18 53.4	+0.1
BFSO	Mount Baldy Ra	151.29 17	P	PKPbc	07 18 53.2	-0.2
GMRC	Granite Mounta	151.30 13	P	PKPbc	07 18 54.2	+0.7
WUAZ	Wupatki	151.31 6	ePKPdf	PKPdf	07 18 48.5	+1.0
WUAZ	Wupatki	151.31 6	ePKPbc	PKPbc	07 18 54.4	+0.3
WUAZ	Wupatki	151.31 6	P	PKPbc	07 18 53.8	+0.3
241A	Mo Tay, Goldon	151.36 10	ePKPbc	PKPbc	07 18 54.3	+0.6
241A	Mo Tay, Goldon	151.37 333	ePKPdf	PKPdf	07 18 48.2	+0.7
241A	Mo Tay, Goldon	151.37 333	ePKPbc	PKPbc	07 18 54.3	+0.4
441A	Pine Grove	151.38 328	P	PKPbc	07 18 54.0	+0.5
BBRC	Big Bear Solar	151.48 16	P	PKPbc	07 1	

7d 8h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HATD Hatta, Dubai, ASHO Ashiyah, etc.

MEX 07:43:34.8-0.6, 16:46N-93:64W, h148km, 5km, MD3.8, Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TGIG, PCIG, COIG, etc.

IDC 07:52:10.2-0.7, 7:34N-75:14W, h39km, 5km, mb3.7/9, mb1.4/0.10, mb1mx3.8/28, mbtmp4.0/10, ML4.3/1, MS3.3/10, Ms1.3/3.10, ms1mx3.0/35, Error ellipse: s-maj=29.4km s-min=13.8km az=50.0

ISCJ/B 07:52:11.5-0.3, 7:37N-0:03s-75:24W-0.03, h57km, 3km, mb4.2/27, MS3.3/3, Error ellipse: s-maj=5.1km s-min=4.3km az=170.8

RSNC 07:52:12.9-1.1, 7:31N-75:28W, h22km, 3km, ML3.9, Mw4.1

NEIC 07:52:13.4-0.7, 7:34N-75:13W, h67km, 7km, mb4.3/22, Error ellipse: s-maj=7.4km s-min=5.8km az=61.0

ISC 07:52:12.0-0.7, 7:38N-0:03s-75:26W-0.03, h50km, 6km, n7.6, s=186/87, mb4.3/27, MS3.3/3, 2C-2D, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ZARC, UREC, DBBC, etc.

2012 SEP

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MOTC Monteria, Cord, NORC Norco, SOLC Bahía Solano, etc.

MAN 07:08:01.1, 12:17N-125:43E, h32km, mb4.0, ML2.7, MS2.4, 1C, Samar

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like OHAK Old Harbor, PPLA Purkelype, LPH Laupahoehoe, etc.

MAN 07:08:01.1, 12:17N-125:43E, h32km, mb4.0, ML2.7, MS2.4, 1C, Samar

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BESP Borongan, BNP BNP, etc.

458

IDC 07:08:30:17.7-0.6, 10:40N-126:62E, h0km, mb4.3/19, mb1.4/4.19, mb1mx4.2/44, Error ellipse: s-maj=29.5km Ms1.2/8.2, ms1mx2.4/42, Error ellipse: s-maj=29.5km s-min=13.4km az=74.0

MAN 07:08:30:22.2, 10:64N-126:69E, h48km, mb5.1, ML4.1, MS4.2

NEIC 07:08:30:23.2-0.2, 10:38N-126:51E, h35km, mb4.6/19, Error ellipse: s-maj=9.7km s-min=4.0km az=74.0

ISC 07:08:30:18.1-2.3, 10:41N-102:66E, h0.072km, 14km, n7.5, s=89/86, mb4.5/35, 1C-1D, Philippine Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BESP Borongan, BUTP Butuan, PLP Palo, etc.

IDC 07:08:39:22.7-2.9, 54:06N-87:23E, h0km, mb1.3/1.2, mb1mx3.0/4.0, mbtmp3.1/2, ML2.8/2, Error ellipse: s-maj=26.2km s-min=17.6km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like I46RU ZALESOV INFRA, ZALV Zalevskiy, etc.

Table with columns: KURBB, Kurchatov Arra, 6.34 241 Pn, 0.2nm, 0.3s, baz=54, slow=14, SNR=5.1, Lg, 08 40 57.9 +0.6

ISCJB 07 09:14:52.9.0.5, 23.98S, 0.03:66.91W, 0.05, h200km, mb3.1/1, Error ellipse: s-maj=6.3km s-min=4.3km az=159.2

SJA 07 09:14:52.9.0.7, 23.96S, 66.81W, h201km, 16km, ML2.3, MW2.8

GUC 07 09:14:55.0.4.2, 23.64S, 67.50W, h262km, 12km, ML4.2, IDC 07 09:14:58.4.2.3, 23.51S, 66.52W, h226km, 25km, mb2.9/1, mb1 3.2/5, mb1mx3.0/25, mbtmp3.7/5, Error ellipse: s-maj=30.2km s-min=19.7km az=110.0

ISC 07 09:14:53.1.0.8, 23.96S, 0.05:66.84W, 0.06, h200km, n23, z=03/36, 6C-1D, Juluy Province

Table with columns: Code, Station Name, Delta, Az, Op, Phase, ID, ISC, Time, Res, YJA Yavi, 2.15 35 Pn, 09 15 34.7 +1.0

Table with columns: Code, Station Name, Delta, Az, Op, Phase, ID, ISC, Time, Res, ACLA CERRO LA CRUZ, 5.45 181 eP, 09 16 13.7 +0.3

IDC 07 09:27:07.3.0.8, 4.62S, 105.96W, h0km, mb4.2/12, mb1 4.4/12, mb1mx4.3/30, mbtmp4.2/12, MS4.0/13, MS1.4/0/13, ms1mx0.0/15, Error ellipse: s-maj=25.6km s-min=17.9km az=52.0

ISCJB 07 09:27:08.2.0.6, 4.76S, 105.74W, 0.05, h17km, mb4.5/117, MS4.0/13, Error ellipse: s-maj=10.9km s-min=7.3km az=11.5

NEIC 07 09:27:09.1.0.4, 4.72S, 105.76W, h10km, mb4.6/101, Error ellipse: s-maj=10.7km s-min=6.6km az=59.0

GCMT 07 09:27:13.1.0.3, 4.50S, 0.02:105.88W, 0.02, h200km, 1km, MW4.9/90, Moment Tensor Solution, s33.c39, s90.c128, Duration: 0 Moment tensor: Scale 10^19Nm; M10.52z.12; M80.70z.10; M80.1.22z.11; M60.53z.21; M60.2.86z.10; M60.0.33z.20; Best double couple: M3.09800/1016 N1=1.3e10, 0.00000; S80.00000; 1.1, 0.00000; N1P2: e=8.00000; delta=9.00000; 1.170.00000; Principal axes: T 2.9180, Plg15.0000; Azm324.0000; N 0.3560, Plg75.0000; Azm142.0000; P -3.2780, Plg1.0000; Azm234.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Delta, Az, Op, Phase, ID, ISC, Time, Res, H06S1 SOCORRO T, 23.77 348 T, 09 56 50.1

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 445A Amite, 38.19 22 P, 09 34 29.5 +0.5

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: 341A Kurthwood, 37.78 18 P, 09 34 25.9 +0.3

Table with columns: PV12 Saucer Basin, 42.84 357 eP, 09 35 08.5 +0.8

Table with columns: T38A Diamond, 42.86 14 P, 09 35 08.3 +0.7

Table with columns: MTPU Mount Pierson, 42.88 353 eP, 09 35 09.2 +1.0

Table with columns: U42A Revenden, 43.03 17 P, 09 35 10.0 +1.1

Table with columns: T39A Clever, 43.07 15 P, 09 35 10.2 +0.9

Table with columns: Y51A Rockmart, 43.09 26 P, 09 35 09.6 0.0

Table with columns: X49A Woodville, 43.09 24 P, 09 35 09.6 +0.1

Table with columns: 155A Kite, 43.22 29 P, 09 35 10.3 -0.3

Table with columns: X50B Fort Payne, 43.33 25 P, 09 35 11.8 +0.4

Table with columns: MSU Morrisvale, 43.34 353 eP, 09 35 12.9 +1.1

Table with columns: GOGA Godfrey, 43.40 28 P, 09 35 12.3 +0.3

Table with columns: W48A Pulaski, 43.40 23 P, 09 35 11.7 -0.3

Table with columns: S38A Stockton, 43.52 14 P, 09 35 13.1 +0.2

Table with columns: T41A Mountain View, 43.52 16 P, 09 35 13.3 +0.3

Table with columns: V46A Holiday, 43.55 21 P, 09 35 12.7 -0.5

Table with columns: PSUT Pine Spring, 43.60 351 eP, 09 35 15.2 +1.3

Table with columns: CBKS Cedar Bluff, 43.62 7 P, 09 35 13.7 -0.1

Table with columns: W49A Belvidere, 43.65 23 P, 09 35 15.0 +0.9

Table with columns: W48A Pulaski, 43.40 23 P, 09 35 11.7 -0.3

Table with columns: Code, Station Name, n14, c086/26, Western Caucasus, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ZEI Tsey, LACR Kora, ARNR Ardon, etc.

ISC/JB 07 12:26:03.0, 0.7, 6.26S; 0.04:80.1W, 0.1, h70km, mb3.8/11, Error ellipse: s-maj=14.4km s-min=5.6km az=170.0, IDC 07 12:26:06.8, 2.0, 6.20S; 0.00W, h90km, mb3.6/10, mb1 3.7/13, mb1mx3.6/29, mbmp3.9/13, MS3.3/2, Ms1 3.3/2, ms1mx2.8/25, Error ellipse: s-maj=22.3km s-min=16.2km az=59.0

IGQ 07 12:26:10.4, 0.8, 6.5; 9.8'0W, 1.3, h33km, 24km, mb5.3/3, mb5.3/3, MLV5.0/4, Mw(mb)4.7/3, ISC 07 12:26:03.9, 0.8, 6.25; 0.06:80.1W, 0.1, h70km, n50, c167/52, mb4.0/11, Near east of northern Peru

Main station list table with columns: Code, Station Name, n14, c086/26, Western Caucasus, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ATAH Athalupa, MILO Milagro-Astudi, ARRY Ararray, etc.

Main station list table with columns: TNTI Ternate, SGTI Sangihe, LBMI Labuha, etc. Includes stations like TNTI Ternate, SGTI Sangihe, LBMI Labuha, etc.

Main station list table with columns: ANAZ Anatahan, CMJ Cimerak, PMG Port Moresby, etc. Includes stations like ANAZ Anatahan, CMJ Cimerak, PMG Port Moresby, etc.

7d 12h

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, error rates).

2012 SEP

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, error rates).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, error rates).

Table with columns for station ID, name, coordinates, and various data points. Includes stations like KK31, ADK, ADK, ADK, ADK, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like M04C, J05D, GERE, NVAR, NVAR, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like P43A, W39A, X39A, T41A, D54A, etc.

comp=2.4,1nm,0.8s,baz=242,slow=4.7,SNR=6.6
SAML Samuel 166.97 120 ePKPdf PKPdf 12 50 18.8 +0.1
SAML Samuel 166.97 120 ePKIKP PKPdf 12 50 18.8 +0.1

ISCJB 07 12:40:52.4+0.3,39.87N+0.01x16.01E+0.02,h12km,2km,
mb3.9/4,MS4.2/2,Error ellipse: s-maj=3.1km s-min=2.5km
az=169.4
ROM 07 12:40:52.2+0.1,39.868N+0.005+15.996E+0.008,
h6km,ML3,4/39
IDC 07 12:40:54.0+1.7,40.09N+15.95E,h0km,mb3.9/4,
mb1 3.8/6,mb1mx3.5/59,mbtmp3.8/6,ML3.5/2,MS3.5/4,
Ms1 3.5/4,ms1mx2.7/58,Error ellipse: s-maj=32.5km
s-min=19.9km az=71.0

BE0 07 12:41:01.4+0.9,40.77N+15.97E,h0km,ML3.3/7
ISC 07 12:40:52.9+0.8,39.88N+0.02+16.00E+0.02,h7km,5km,
n103,1191/117,mb4.0/4,6C-7D,Southern Italy

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Rows include stations like Mormanno, Viggianello (P), Acquaformosa (P), Castrocucco, San Lorenzo Be, Monte Sirino, Cetraro, Oriolo Calabro, and Morigerati.

Table with columns: Station Name, Code, Delta A, Delta Z, Phase ID, ISC, Time, Res. Rows include stations like Monteseano sull, Monticello, Bulgheria - Ca, Sala Consilina, Craco, Campora, Miglionico.

Table with columns: Station Name, Code, Delta A, Delta Z, Phase ID, ISC, Time, Res. Rows include stations like Civita di Ruta, Acerenza, Timpagrande, Matera, Sersale, Palazzo San Ge, Altamura, Massafra, Taranto, Nocci, Joppo.

Table with 4 columns: Station Name, Frequency, Power, and SNR. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, and ARCES ARCES Array B.

DJA 07 13:08:34.6-4.0, 11'S-18'W, h37km, s52km, M3.5/7, MLV3.57, South of Jawa

Table with 7 columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JAGI Jajag, Banyuwya, GMJI Gumukmas, and PWJI Pagerwojo.

ISCJB 07 13:05:07.0-5.2, 27.71N, 0.03-104.28E, 0.05, h10km, mb4.0/9, MS2.8/2, Error ellipse: s-maj=6.7km s-min=-4.4km

BUI 07 13:07:5.27, 56N, 104.01E, h8km, mb4.2/5, mB4.1/1, ML3.7/13, MS3.7/7, Ms7.3/4.5

IDC 07 13:13:12.9-3.9, 27.58N, 104.20E, h64km, 40km, mb3.7/9, mb1.3/9.10, mb1mx3.5/4.8, mbtmp4.0/10, ML3.7/1, MS3.0/3, Ms1.3/1.3, ms1mx2.7/3.6, Error ellipse: s-maj=24.0km s-min=14.9km az=67.0

ISC 07 13:13:07.0-6.2, 27.62N, 0.04-104.15E, 0.05, h10km, n18, s1866/25, mb3.9/9, 1D, Yunnan

Main table for the first section, listing station codes, names, frequencies, powers, SNRs, and other parameters. Includes stations like GYA Guiyang, KMI Kunming, and CMAR Chiang Mai Arr.

IDC 07 13:22:07.8-4.0, 36.10N, 120.05W, h0km, mb1.3/3.3, mb1mx3.2/4.6, mbtmp2.8/3, ML3.4/3, Error ellipse: s-maj=53.2km s-min=20.5km az=89.0

NEIC 07 13:22:10.0-0.0, 36.12N, 120.05W, h11km, MW3.7(BRK), After NCDCE.

NEIC Feit at Huron, ISC 07 13:22:10.9-1.1, 36.07N, 0.02-120.06W, 0.02, h17km, gkm, n165, s110/199, Central California

Main table for the second section, listing station codes, names, frequencies, powers, SNRs, and other parameters. Includes stations like PAGB Antelope Grade, VES Vestal, Richgr, and PHSB Hesperia Broad.

Main table for the third section, listing station codes, names, frequencies, powers, SNRs, and other parameters. Includes stations like BVYM Vineyard, HSLM San Luis Dam, SAO San Andreas Ge, and many others.

Main table for the fourth section, listing station codes, names, frequencies, powers, SNRs, and other parameters. Includes stations like KVN Kaiserslautern, MURC Murrieta, TUQ Turquoise Mountain, and many others.

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

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

MAN 07 13:51:57.6, 7.94N; 124:90E, h1km, mb4.0, ML2.8, MS2.5, 2C, Mindanao

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

IDC 07 13:44:37.8, 0.9, 10.79S; 113:88E, h0km, mb4.0/9, mb1.4/2.10, mb1mx3.9/42, mbtmp4.1/10, ML4.5/1, MS3.2/1, Ms1.3/1.1, ms1mx2.5/39, Error ellipse: s-maj=34.1km s-min=16.1km az=60.0

ISC/JB 07 13:44:40.0, 0.7, 10.93S; 0:05:113:80E, h0.05, h33km, mb4.0/9, MS3.1/1, Error ellipse: s-maj=7.2km s-min=6.7km az=35.1

DJA 07 13:44:43.9, 0.5, 11.1S; 5:11:4E, h60km, 24km, M4.5/1, mb4.4/1, mb4.5/3, MLV4.5/17, Mw(m)B3.5/1, ISC 07 13:44:42.0, 0.7, 10.91S; 0:07:113:81E, h0.06, h35km, m19, s170/32, mb4.1/9, South of Jawa

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

IDC 07 13:46:53.3, 1.0, 13.84N; 144:96E, h136km, 4km, mb3.4/5, mb1.3/7.5, mb1mx3.2/44, mbtmp3.8/5, Error ellipse: s-maj=94.4km s-min=19.7km az=111.0, Mariana Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWB1, TWB1, TWB1, etc.

DJA 07 13:56:56.3, 0.8, 11.7N; 7:12:8E, h10km, M4.9/13, mb4.8/13, mb5.6/3, Mw(m)B5.1/3, MwP5.6/1, IDC 07 13:56:56.5, 1.0, 92N; 12:05:12:80E, h0km, mb4.2/24, mb1.4/3.25, mb1mx3.4/24, mbtmp4.2/25, ML3.6/1, MS3.3/1.1, Ms1.3/3.1.1, ms1mx3.0/46, Error ellipse: s-maj=23.3km s-min=11.1km az=83.0

MAN 07 13:56:59.4, 10.92N; 126:83E, h47km, mb5.0, ML4.1, MS4.3, ISC/JB 07 13:57:00.2, 0.2, 10.87N; 0:03:126:83E, h0.03, h33km, mb4.5/64, MS3.6/12, Error ellipse: s-maj=4.3km s-min=3.5km az=27.1

BUI 07 13:57:00.8, 10.76N; 126:93E, h43km, mb4.5/40, mb4.8/28, Ms4.2/1.1, Ms7.3/9.6, NEIC 07 13:57:01.8, 0.3, 10.84N; 126:86E, h35km, mb4.7/16, Error ellipse: s-maj=12.1km s-min=6.3km az=88.0

MOS 07 13:57:04.8, 1.1, 10.95N; 126:84E, h42km, mb4.8/22, Error ellipse: s-maj=13.1km s-min=6.7km az=103.9, ISC 07 13:57:02.0, 0.4, 10.87N; 0:04:126:81E, h0.06, h35km, m124, s1947/135, mb4.6/64, MS3.4/13, 8C-10, Philippine Islands region

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

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s. Includes stations like Palu, Tana Toraja, Sidrap Palu, Bulukumba, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s. Includes stations like KSH, KSH, KSH, NNRN, ZALV, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s. Includes stations like Genyem, Jayapura, Ransiki, etc.

DJA 07 16:36:14.2-9.10'S;13°11'4E; h32km,36km,M3.5/7, ML3.5/7, South of Jawa

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
JAGI	Jajag, Banyuwaja	1.72 9	P	16 36 42.0	-0.1
IGBI	Denpasar	1.94 3	P	16 36 45.2	+1.5
GMJM	Gumukmas	1.94 347	P	16 36 44.8	+0.6
DNP	Denpasar	1.98 41	S	16 37 15.6	+1.5
BLJ	Banyuwjg	2.44 353	P	16 36 53.6	+1.6
SRBI	Singaraja	2.46 32	P	16 36 52.8	+0.5
PWJI	Pangarwojo	2.97 316	P	16 36 57.1	-2.3
PWJI			S	16 37 33.9	-0.1

ISCJB 07 16:47:17.1±0.7,54°38'S;0°10:135°7'W;0.2, h10km, mb4.3/9,MS4.5/17, Error ellipse: s-maj=19.9km s-min=13.8km az=0.0

IDC 07 16:47:17.1±0.7,54°27'S;135°69'W, h0km, mb4.3/8, mb1.4/5/8, mb1mx4.2/27, mbtmp4.3/8, MS4.5/17, Ms1.4/4/17, ms1mx4.4/20, Error ellipse: s-maj=26.9km s-min=21.5km az=167.0

NEIC 07 16:47:18.5±0.6,54°35'S;135°60'W, h10km, mb4.1/1, Error ellipse: s-maj=23.7km s-min=18.1km az=148.0

GCMT 07 16:47:24.5±0.2,54°33'S;0°10:135°72'W;0.2, h12km, MW5.1/101, Moment Tensor Solution, s63.678; s101.c150; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mn-2.32±.12; Mw5.55±.14; Ms0.32±.12; Mo0.94±.32; Mbb3.60±.11; Mbr1.44±.33; Best double couple: Mo5.99300×10¹⁶ NP1.2±0.208.00000°, δ80.00000°, λ-157.00000°. NP2.2±114.00000°, δ68.00000°, λ-11.00000°. Principal axes: T 7.0400, Plg6.0000°, Azm340.0000°; N -2.0830, Plg66.0000°, Azm231.0000°; P -4.9470, Plg23.0000°, Azm73.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 07 16:47:18.7±0.7,54°23'S;0°11:135°7'W;0.2, h10km, n41, c150/19, mb4.4/9, MS4.5/17, Pacific-Antarctic Ridge

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
RKT	Rikitea	31.18 1	eP	17 01 44.3	
RKT	Rikitea	31.18 1	eT	17 26 27.2	
VNDA	Vanda	31.79 201	P	16 53 44.5	+1.8
VNDA	Vanda	31.79 201	P	16 53 44.5	+1.8
TBI	Tubuai	32.64 336	eLR	17 02 18.8	
TBI	Tubuai	32.64 336	eT	17 28 11.4	
URZ	Urewera	35.62 277	LR	17 05 08.1	
RPZ	Rata Peaks	35.71 265	LR	17 05 20.0	
QSPA	South Pole Qui	35.83 180	P	16 54 19.0	+0.8
QSPA	South Pole Qui	35.83 180	eP	16 54 16.6	-1.5
PP2T	Papeete	38.22 338	eS	17 00 31.9	-0.5
PP2T	Papeete	38.22 338	eS	17 05 03.3	
PPT	Papeete	38.24 338	LR	17 06 30.0	
VAH	Vaihoo	40.12 342	eT	17 37 38.6	
PLCA	Paso Flores	44.42 100	LR	17 09 27.4	
TAOE	Nuku Hiva Isia	45.50 354	eS	17 02 20.9	+0.8
TAOE	Nuku Hiva Isia	45.50 354	eS	17 08 22.0	
CASY	Casey	49.78 209	eP	16 56 10.8	-0.1
DZM	Mont Dzumac	53.64 283	eLQ	17 09 52.4	
DZM	Mont Dzumac	53.64 283	eLQ	17 12 31.8	
MAW	Mawson	57.59 188	P	16 57 07.7	-0.3
MAW	Mawson	57.59 188	P	17 21 08.0	
STKA	Stephens Creek	60.73 255	LR	17 19 21.1	
CPUP	Villa Florida	62.36 97	P	16 57 40.6	-0.8
CPUP	Villa Florida	62.36 97	P	17 20 42.8	
LPAZ	La Paz	63.84 81	P	16 57 53.7	+1.7
LPAZ	La Paz	63.84 81	P	17 18 18.7	
ASAR	Alice Springs	71.37 255	P	16 58 38.4	-0.5
ASAR	Alice Springs	71.37 255	P	17 26 33.5	
H01W1	Cape Leeuwin H	72.81 234	T	18 18 56.6	
H01W2	Cape Leeuwin H	72.82 234	T	18 18 57.1	
H01W3	Cape Leeuwin H	72.83 234	T	18 18 58.0	
WRA	Warramunga Arr	74.05 258	P	16 58 54.1	-0.7
WRA	Warramunga Arr	74.05 258	P	17 28 17.1	
BDFB	Brasilia	76.09 97	LR	17 28 35.4	
ROSC	Ei Rosal	77.76 63	LR	17 28 03.6	
FITZ	Fitzroy Crossi	80.44 252	P	16 59 30.4	-0.3
H11S2	WAKE ISLAND Hy	87.60 307	T	18 37 04.7	
H11S1	WAKE ISLAND Hy	87.61 307	T	18 37 04.7	
H11S1	WAKE ISLAND Hy	87.62 307	T	18 37 05.1	
TXAR	Lajitas Array	87.79 28	LR	17 31 29.8	
NVAR	Mina Array Bea	93.60 14	LR	17 34 32.7	
BOSA	Boshof	95.78 163	LR	17 37 41.2	
PDAR	Pinedale Array	99.27 19	LR	17 38 17.5	
ILAR	Eielsen Array	119.09 355	PKP	17 06 06.0	-0.2
TORD	Tordi Arr. Bea	127.02 14	PKP	17 06 21.6	-1.5
ESKC	Sonsea Array	144.69 94	PKP	17 06 53.9	+0.1
MDAR	Makanchi Array	155.00 288	PKPbc	17 07 20.4	+0.7
MKAR	Makanchi Array	155.00 288	PKPbc	17 07 35.9	+0.5
ZALV	Zalesovo Beam	156.51 286	PKP	17 07 42.8	+1.1
GERES	GERES Array B	160.28 94	PKP	17 07 15.6	-2.0

ISCJB 07 16:47:22.5±0.4,41°30'N;0°02:21°99'E;0.02, h4km,4km, Error ellipse: s-maj=2.9km s-min=2.6km az=62.2

SKO 07 16:47:22.3,41°29'N;1°29'E;0.03, h2km, M2.0, ML2.3

BE0 07 16:47:23.0±0.6,41°27'N;1°29'E; h6km,3km, ML2.1/5

THE 07 16:47:23.4,41°27'N;2°01'E, h2km,1km, ML2.3/5, Error ellipse: s-maj=1.5km s-min=0.4km az=217.0

ATH 07 16:47:23.5,41°23'N;2°02'E, h17km,3km, ML2.1/11, Error ellipse: s-maj=3.1km s-min=0.8km az=144.0

TIR 07 16:47:23.3,41°29'N;2°02'E; h9km, ML2.9/3

ISC 07 16:47:23.2,41°27'N;0°02:21°99'E;0.02, h9km,10km, n45, c055/79, 2C-10, Northwest Balcian Peninsula

VAY	Valandovo	0.44 83	Pg	16 47 31.8	0.0
VAY	Valandovo	0.44 83	ePg	16 47 37.8	+0.3
VAY	Valandovo	0.44 83	eLg	16 47 37.9	
VAY	Valandovo	0.44 83	eLg	16 47 39.2	
GRG	Griva	0.44 135	P	16 47 31.8 <td>0.0</td>	0.0
GRG	Griva	0.44 135	S	16 47 36.6	-0.9
GRG	Griva	0.44 135	AML	16 47 39.4	
GRG	Griva	0.44 135	P	16 47 39.8	
GRG	Griva	0.44 135	P	16 47 31.7	0.0
GRG	Griva	0.44 135	S	16 47 38.2	+0.6
BIA	Bitola	0.56 244	P	16 47 42.4	+0.7
BIA	Bitola	0.56 244	Pg	16 47 34.6	+0.5
BIA	Bitola	0.56 244	S	16 47 42.9	-0.5
KRUS	Krusevo	0.57 280	P	16 47 34.0	-0.2
KRUS	Krusevo	0.57 280	Pg	16 47 41.1	0.0
FLOR	Florina	0.67 224	P	16 47 45.6	+0.6
FLOR	Florina	0.67 224	AML	16 47 47.6	
FLOR	Florina	0.67 224	AML	16 47 47.8	
FLOR	Florina	0.67 224	P	16 47 36.0	-0.2
FLOR	Florina	0.67 224	S	16 47 45.6	+0.6
FLOR	Florina	0.67 224	PG	16 47 36.0	-0.2
FLOR	Florina	0.67 224	IG	16 47 45.0	+0.1
KEND	Kendrikon	0.69 99	P	16 47 45.9	+0.3
KEND	Kendrikon	0.69 99	AML	16 47 46.2	
KEND	Kendrikon	0.69 99	AML	16 47 46.8	
KEND	Kendrikon	0.69 99	P	16 47 36.4	-0.2
KEND	Kendrikon	0.69 99	S	16 47 45.7	+0.1
SKO	Skopje	0.81 330	ePg	16 47 38.6	-0.3
SKO	Skopje	0.81 330	eSg	16 47 49.7	+0.2
SKO	Skopje	0.81 330	P	16 47 37.9	-0.1
SKO	Skopje	0.81 330	Pg	16 47 49.5	0.0
SKO	Skopje	0.81 330	Pg	16 47 38.4	-0.5
OHR	Ohrid	0.91 260	Pg	16 47 49.9	+0.4
OHR	Ohrid	0.91 260	Sg	16 47 40.4	-0.4
OHR	Ohrid	0.91 260	eLg	16 47 53.7	+0.1
OHR	Ohrid	0.91 260	Sg	16 47 56.4	
OHR	Ohrid	0.91 260	eLg	16 47 56.9	
KOZ	Kozani	0.98 190	P	16 47 41.3	-0.7
KOZ	Kozani	0.98 190	S	16 47 54.6	0.0
KOZ	Kozani	0.98 190	AML	16 47 58.1	
KOZ	Kozani	0.98 190	AML	16 47 58.1	
HORT	Hortiatits	1.07 128	P	16 47 43.1	-0.8
HORT	Hortiatits	1.07 128	S	16 47 58.1	+0.3
HORT	Hortiatits	1.07 128	AML	16 48 03.3	
HORT	Hortiatits	1.07 128	AML	16 48 03.3	
KBN	Korca	1.12 235	PG	16 47 44.4	-0.3
SOH	Sokhos	1.12 113	P	16 48 00.3	+0.9
SOH	Sokhos	1.12 113	S	16 47 44.2	-0.6
SOH	Sokhos	1.12 113	AML	16 47 59.0	-0.4
SOH	Sokhos	1.12 113	AML	16 48 03.2	
SOH	Sokhos	1.12 113	AML	16 48 04.0	
SOH	Sokhos	1.12 113	P	16 47 44.0	-0.8
SOH	Sokhos	1.12 113	S	16 48 05.9	+0.9
SRR	Serrai	1.22 97	P	16 47 45.9	-0.6
SRR	Serrai	1.22 97	AML	16 48 01.7	-0.6
SRR	Serrai	1.22 97	AML	16 48 06.0	
SRR	Serrai	1.22 97	AML	16 48 06.8	
SRR	Serrai	1.22 97	P	16 47 45.7	-0.9
SRR	Serrai	1.22 97	S	16 48 03.2	+0.1
LIT	Litokhoron	1.23 162	P	16 47 46.0	-0.6
LIT	Litokhoron	1.23 162	AML	16 48 07.7	
LIT	Litokhoron	1.23 162	AML	16 48 07.7	
PHP	Peshkopia	1.24 290	PN	16 47 46.2	-0.6
PHP	Peshkopia	1.24 290	PN	16 48 02.5	-0.5
PENT	Pentalofos	1.25 211	P	16 47 46.9	-0.2
PENT	Pentalofos	1.25 211	S	16 48 03.7	+0.3
PENT	Pentalofos	1.25 211	AML	16 48 11.3	
PENT	Pentalofos	1.25 211	AML	16 48 11.5	
NVR	Neurokopi	1.41 86	P	16 47 49.7	+0.5
NVR	Neurokopi	1.41 86	AML	16 48 08.7	+0.2
NVR	Neurokopi	1.41 86	AML	16 48 11.9	
NVR	Neurokopi	1.41 86	P	16 47 49.3	+0.2
PLG	Polygyros	1.42 129	P	16 47 49.5	+0.2
PLG	Polygyros	1.42 129	S	16 48 07.6	-0.6
PLG	Polygyros	1.42 129	AML	16 48 14.1	
PLG	Polygyros	1.42 129	AML	16 48 18.3	
BARS	Barje	1.55 355	ePg	16 47 51.3	+0.3
BARS	Barje	1.55 355	eSg	16 48 12.0	+0.1
VTS	Vitosha	1.60 34	ePn	16 47 52.7	+0.8
VTS	Vitosha	1.60 34	eSg	16 48 16.1	+0.1
VTS	Vitosha	1.60 34	P	16 47 52.9	-0.2
VTS	Vitosha	1.60 34	S	16 48 16.2	+1.5
VTS	Vitosha	1.60 34	P	16 47 52.1	+0.2
VTS	Vitosha	1.60 34	S	16 48 14.6	-0.1
VTS	Vitosha	1.60 34	P	16 47 53.9	+0.8
SELS	Selova	2.05 342	Pn	16 47 57.6	+0.4
ZAPS	Zavojo	2.06 13	ePn	16 47 59.0	+0.1
ZAPS	Zavojo	2.06 13	eSg	16 48 28.9	-0.4
BOVS	Bovan	2.37 355	ePn	16 48 02.7	+0.4
SJES	Sjenica	2.49 324	ePn	16 48 05.0	+0.9
IVAS	Ivanjica	2.68 330	ePn	16 48 06.2	-0.4
GRUZA	Gruza	2.78 341	ePn	16 48 17.5	-0.4
DIVS	Divbare	3.19 333	ePn	16 48 13.9	+0.3
BBLs	Lazići	3.22 324	ePn	16 48 14.6	+0.5
BZS	Buzias	4.35 357	iP	16 48 30.0	+0.5
VOIR	Voiron	4.72 27	iP	16 48 36.3	+1.6

MAN 07 16:49:25.0,8°88'N;122°49'E, h2km, mb3.9, ML2.7, MS2.3, 2D, Mindanao

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
SNPH	Sibulan	0.87 58	iP	16 49 42.1	+0.4
SNPH	Sibulan	0.87 58	iS	16 49 53.4	+0.4
DCPH	Dipolog City	0.90 199	eP	16 49 42.2	+0.4
PAGZ	Pagadian	1.05 139	eP	16 49 50.1	-0.7
GUIM	Jordan	1.74 3	eP	16 49 56.5	+0.2
GUIM	Jordan	1.74 3	eS	16 50 19.3	+0.2
CUYO	Cuyo Island	2.44 324	eP	16 50 06.4	+0.4
MSLP	Maslin	2.65 62	eP	16 50 09.3	+0.5

DJA 07 16:49:37.8±2.1,11°S;8°11'4E±, h20km,37km,M3.7/7, ML3.7/7, South of Jawa

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
JAGI	Jajag, Banyuwaja	2.22 9	P	16 50 13.3	-0.2
JAGI	Jajag, Banyuwaja	2.22 9	S	16 50 41.4	+1.0
IGBI	Denpasar	2.27 35	P	16 50 43.7	+1.6
IGBI	Denpasar	2.27 35	P	16 50 43.3	+1.8
DNP	Denpasar	2.42 35	P	16 50 16.5	+0.3
DNP	Denpasar	2.42 35	P	16 50 49.9	+1.7
GMJI	Gumukmas	2.42 351	P	16 50 15.9	+0.3
GMJI	Gumukmas	2.			

7d 17h

Table with columns: BLJI, Banyuglugur, 3.08 356, P, Pn, 17 41 52.9 +0.8, etc. Lists various locations and their associated data points.

2012 SEP

Table with columns: SURT, Suratani, 24.69 322, P, P, 17 46 26.4 +2.3, etc. Lists various locations and their associated data points.

476

Table with columns: CD2, Chengdu, 42.61 347, eP, P, 17 49 00.8 +1.7, etc. Lists various locations and their associated data points.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like Maddies Statio, Truxton, Winchester, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like Okolona, Poplar Bluff, Basin Creek Fa, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like Cassie Pea, Po, Hillsboro, Bidwell, etc.

7d 17h

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res. Includes stations like Saraland, Piedmont, Columbiana, etc.

IDC 07 17:44:33.4,0.6, 10.62N, 126.89E, h0km, mb4.5/18, mb1 4.5/20, mb1mx4.3/52, mbtmp4.5/20, ML4.3/2, MS3.9/1, Ms1 3.9/1, ms1mx3.0/35, Error ellipse: s-maj=30.6km s-min=12.6km az=72.0

2012 SEP

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res. Includes stations like BESP, Palo, Maasin, Butuan, Bislig, etc.

480

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res. Includes stations like IDC 07 17:45:26.4,0.6, 10.63N, 126.90E, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARAO ARCESS Array S, ARCES ARCESS Array B, ARCS ARCESS Array B, etc.

IDC 07 17:49:41.4, 0.6, 10.55N; 126.81E, h0km, mb4.2/23, mb1.4/3/23, mb1mx4.1/47, mbtmp4.2/23, Error ellipse: s-maj=24.7km s-min=12.7km az=81.0

ISCBJ 07 17:49:42.0, 0.2, 10.62N; 0.03:126.89E:0.03, h20km, mb4.5/53, Error ellipse: s-maj=4.7km s-min=3.8km az=172.5

NEIC 07 17:49:46.5, 0.2, 10.57N; 126.84E, h35km, mb4.8/35, Error ellipse: s-maj=8.4km s-min=4.2km az=83.0

ISC 07 17:49:44.7, 0.3, 10.82N; 0.04:126.82E:0.06, h20km, n99, r+125/107, mb4.6/53, 3C, Philippine Islands region

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

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

TAP 07 17:55:36.7, 23.31N; 121.15E, h2km, ML1.6, C, Taiwan

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWF1 Yuli, TWF1 Yuli, YULB Yu-li, etc.

ISCBJ 07 17:59:10.4, 0.3, 7.82S; 0.03:129.16E:0.03, h150km, mb4.3/11, Error ellipse: s-maj=4.4km s-min=4.1km az=20.6

NEIC 07 17:59:11.3, 0.8, 7.68S; 129.07E, h156km, 14km, mb4.6/8, Error ellipse: s-maj=12.3km s-min=11.2km az=214.0

BUI 07 17:59:11.0, 0.7, 83S; 129.12E, h164km, mb4.5/11, mb4.7/4, Error ellipse: s-maj=14.7km s-min=14.7km az=102.0

DJA 07 17:59:12.8, 0.4, 8.54; 121.9E, h14km, 18km, M4.5/9, mb5.0/6, mb4.5/MLV, M4.5/9, M4.5/9, M4.5/9, Error ellipse: s-maj=18.0km s-min=14.7km az=102.0

ISC 07 17:59:11.0, 0.5, 7.81S; 0.04:129.16E:0.05, h150km, n43, c+297/54, mb4.5/11, Banda Sea

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

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

ISCBJ 07 18:01:26.2, 0.4, 50.09N; 0.02:18.34E:0.03, h0km, Error ellipse: s-maj=3.6km s-min=2.3km az=10.7

IPEC 07 18:01:27.0, 0.2, 50.06N; 18.46E, h0km, 2km, ML2.1/3, Error ellipse: s-maj=1.9km s-min=1.1km az=163.0

WAR 07 18:01:27.7, 0.5, 06N; 18.44E, h1km, Mw2.7, PRU 07 18:01:28.0, 0.0, 50.09N; 18.39E, h0km, mb1.9/3, ml2.7/4, VIE 07 18:01:29.5, 1.4, 49.79N; 18.43E, h0km, mb1.9/3, ml2.7/4, Error ellipse: s-maj=10.6km s-min=8.3km az=36.0 14 km ESE of Ostrava Spected Mining induced.

ISC 07 18:01:27.9, 0.8, 50.06N; 0.03:18.41E:0.02, h0km, n32, c+92/61, Poland

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OKC Ostrava-Krasne, OKC Ostrava-Krasne, CHZP Chorzw, etc.

PBDV	Barranco-do-Ve	3.44 277	Pn	Pn	18 11 47.0 +2.1
PBDV	16nm,0.6s		Sn	Sn	18 12 27.1 +1.7
PBEJ	Beja	3.53 289	ePn	Pn	18 11 49.0 +2.9
PBEJ	Beja	3.53 289	ePn	Pn	18 11 49.0 +2.9
PCVE	Castro Verde	3.57 283	eSn	Pn	18 11 48.4 +1.7
PCVE			eSn	Sn	18 12 30.0 +1.4
PCVE			A	A	18 12 55.8
PCVE	11nm,0.6s				
PCVE	Castro Verde	3.57 283	Pn	Pn	18 11 48.4 +1.7
PCVE			Pn	Pn	18 12 30.0 +1.4
EPLA	Placencia	3.66 329	Pn	Pn	18 11 50.0 +2.0
EPLA	1.5nm,0.4s,SNR=12				
EPLA	8.8nm,0.4s,SNR=7.9		Lg	Lg	18 12 47.0
PESTR	Estremoz	3.67 303	ePn	Pn	18 11 49.7 +1.7
PESTR			eSn	A	18 12 32.2 +1.1
PESTR			A	A	18 13 01.2
GUD	Guadarrama	3.73 354	Pn	Pn	18 11 51.4 +2.4
GUD	1.2nm,0.4s,SNR=7.9		Pg	Pg	18 12 02.4 -0.7
GUD	3.1nm,0.2s,SNR=7.9		Lg	Lg	18 12 50.2
MESJ	Messejana	3.75 285	ePn	Pn	18 11 49.2 0.0
MESJ	Messejana	3.75 285	ePn	Pn	18 11 49.2 0.0
EVO	Evora	3.81 296	ePn	Pn	18 11 50.8 +0.8
EVO			eSn	A	18 13 04.3
EVO			A	A	18 13 05.0
EVO	14nm,0.6s		Pn	Pn	18 11 50.8 +0.8
EVO			eSn	A	18 12 34.3 -0.3
EVO	14nm,0.6s		Pn	Pn	18 11 50.6 +0.6
EVO			eS	Sn	18 12 33.9 -0.7
PMRV	Marv??o	3.86 311	ePn	Pn	18 11 52.6 +1.9
PMRV			eSg	Sg	18 12 55.9 +0.2
PMRV			A	A	18 13 01.6
PMRV	16nm,0.3s		Pn	Pn	18 11 52.6 +1.9
PMRV			Lg	Lg	18 12 55.9
MORF	Marmeleira	4.01 277	ePn	Pn	18 11 55.1 +2.3
MORF			eSn	A	18 12 41.1 +1.4
MORF			A	A	18 13 12.3
MORF	6.0nm,0.7s		Pn	Pn	18 11 55.1 +2.3
MORF			Pn	Pn	18 12 41.1 +1.4
ETOR	Torete	4.08 17	Pn	Pn	18 11 56.1 +2.4
ETOR	1.9nm,0.2s,SNR=12		Pg	Pg	18 12 08.2 -1.6
ETOR	7.5nm,0.3s,SNR=7.9		Lg	Lg	18 13 03.0
PTEO	Sao Teotônio	4.09 280	ePn	Pn	18 11 55.3 +1.4
PTEO			eSn	A	18 12 43.2 +1.6
PTEO			A	A	18 13 15.0
PTEO	21nm,0.6s		Pn	Pn	18 11 55.3 +1.4
PTEO			Pn	Pn	18 12 43.2 +1.6
PFVI	Vila Bisbo	4.15 274	ePn	Pn	18 11 56.5 +1.9
PFVI			eSn	A	18 12 43.5 +0.6
PFVI			A	A	18 13 16.1
PFVI	11nm,0.5s		Pn	Pn	18 11 56.3 +1.8
PFVI	3.1nm,0.2s,SNR=7.9		Sn	Sn	18 12 43.4 +0.5
PFVI	7.3nm,0.2s,SNR=7.9		P	P	18 11 56.4 +1.8
PFVI	Vila Bisbo	4.15 274	P	Sn	18 12 45.9 +3.0
PFVI	Vila Bisbo	4.15 274	S	Sn	18 12 45.9 +3.0
MDT	Midelt	4.18 191	S	Pn	18 11 54.7 -0.4
MDT	Midelt	4.18 191	S	Pn	18 12 38.7 -5.1
PCBR	Castelo Branco	4.18 315	ePn	Pn	18 11 57.0 +1.9
PCBR			eSn	A	18 12 44.3 +0.6
PCBR			A	A	18 13 23.0
PCBR	13nm,0.6s		Pn	Pn	18 11 57.0 +1.9
PCBR	Castelo Branco	4.18 315	Pn	Pn	18 12 44.3 +0.6
PMTG	Montargil	4.20 302	ePn	Pn	18 11 56.5 +1.2
PMTG			eSn	Sg	18 12 43.2 -0.9
PMTG			eSg	A	18 13 05.4 -1.0
PMTG			A	A	18 13 15.4
EMOS	Mosqueruela	4.24 35	Pn	Pn	18 11 58.8 +2.8
EMOS	1.0nm,0.3s,SNR=7.9		Pg	Pg	18 12 13.4 +0.5
EMOS	5.6nm,0.4s,SNR=7.9		Sn	Sn	18 12 46.4 +1.0
EMOS	1.2nm,0.2s,SNR=7.9		Lg	Lg	18 13 08.8
EIBS	Ibiza	4.47 61	Pn	Pn	18 12 00.9 +1.9
EIBS	3.1nm,0.3s,SNR=9.9		Sn	Sn	18 12 50.2 -0.6
EIBS	3.9nm,0.4s,SNR=7.9		Pn	Pn	18 12 03.2 +2.3
PTOM	Tomar	4.61 307	ePn	Pn	18 12 54.3 +0.1
PTOM			eSn	A	18 13 44.5
PTOM			A	A	18 13 44.5
PTOM	20nm,0.4s		Pn	Pn	18 12 03.2 +2.3
PTOM			Pn	Pn	18 12 54.3 +0.1
MTE	Manteigas	4.61 320	ePn	Pn	18 12 02.9 +1.8
MTE			eSn	Sg	18 12 55.1 +0.6
MTE			eSg	A	18 13 17.7 -2.1
MTE			A	A	18 13 31.0
MTE	29nm,0.6s		Pn	Pn	18 12 02.9 +1.8
MTE	Manteigas	4.61 320	Pn	Pn	18 12 55.1 +0.6
MTE			Lg	Lg	18 13 17.7
PMAFR	Matra	4.89 296	Pn	Pn	18 12 06.8 +2.0
PMAFR	7.9nm,0.2s,SNR=7.9		Sn	Sn	18 13 05.8 +4.6
PCAS	Casimiló, Conde	4.92 311	ePn	Pn	18 12 07.3 +2.1
PCAS			eSn	A	18 13 39.6 -1.5
PCAS			A	A	18 13 39.6
MVO	Moncorvo	4.98 329	ePn	Pn	18 12 07.9 +1.8
MVO			eSn	Sg	18 13 02.7 -0.8
MVO			eSg	A	18 13 30.7 -0.8
MVO			A	A	18 13 44.8
MVO	12nm,0.5s		Pn	Pn	18 12 07.7 +1.6
MVO	4.4nm,0.2s,SNR=5.8		Sn	Sn	18 13 01.8 -1.7
MVO	4.7nm,0.2s,SNR=7.9		Lg	Lg	18 13 30.6
ERTA	Horta de San J	5.08 36	Pn	Pn	18 12 10.7 +3.2
ERTA	3.1nm,0.5s,SNR=7.9		Sn	Sn	18 13 09.6 +3.6
ERTA	1.6nm,0.2s,SNR=7.9		Lg	Lg	18 13 35.2
ESAC	San Caprasio	5.38 26	Pg	Pg	18 12 34.1 -0.6
ESAC	SNR=7.9		Lg	Lg	18 13 46.0
ESAC	32nm,0.4s,SNR=7.9		Pn	Pn	18 12 14.1 +1.9
PBRG	Bragança	5.42 335	ePn	Pn	18 13 12.2 -2.3
PBRG			eSn	Sg	18 13 46.4 +0.6
PBRG			eSg	A	18 14 01.8
PBRG	6.0nm,0.6s		Pn	Pn	18 12 14.1 +1.9
PBRG	Bragança	5.42 335	Pn	Pn	18 13 12.2 -2.3
PBRG			Lg	Lg	18 13 46.4
POLO	Lamas de Olo	5.48 325	ePn	Pn	18 12 14.9 +1.9
POLO			eSn	Sg	18 13 13.2 -2.8
POLO			eSg	A	18 13 44.2 -3.5
POLO			A	A	18 13 53.6
EPOB	Poble	5.75 38	Pn	Pn	18 12 19.2 +2.6
ETOS	Mallorca	5.82 59	Pn	Pn	18 12 19.7 +2.1
ETOS	1.6nm,0.5s,SNR=5.9		Pn	Pn	18 12 21.6 +1.5
ELOB	Lobios	6.00 327	Pn	Pn	18 12 21.6 +1.5
ELOB	0.8nm,0.4s,SNR=7.9				

ELOB	1.6nm,0.3s,SNR=7.9		Sn	Sn	18 13 24.4 -4.2
ELOB			Lg	Lg	18 14 02.5
PGAV	Gaviella, Arco	6.17 326	ePn	Pn	18 12 24.7 +2.2
PGAV			Pn	Sn	18 13 29.9 -3.0
PGAV			eSg	Sg	18 14 07.2 -2.5
PGAV			A	A	18 14 27.8
IELO	6.3nm,0.6s		Pn	Pn	18 12 25.6 +2.9
IELO	Elcoud	6.19 17	Pn	Pn	18 12 25.6 +2.9
EORO	Oroz-Betelu	6.22 16	Pn	Pn	18 12 25.6 +2.4
EORO	2.6nm,0.4s,SNR=9.6				
ELAN	Lanestosa	6.30 1	Pg	Lg	18 14 08.6
ELAN	13nm,0.6s,SNR=7.9				
ELAN	0.7nm,0.3s,SNR=7.9		Lg	Lg	18 14 12.5
EMIR	Miracle	6.39 37	Pn	Pn	18 12 27.7 +2.2
EMIR	2.7nm,0.3s,SNR=7.9				
ETSF	Etsaut	6.42 21	ePn	Pn	18 12 28.6 +2.7
ETSF			eSn	Sn	18 12 32.1 +6.2
ETSF			A	A	18 13 38.6 -0.4
ETSF	50nm,1.8s		Pn	Pn	18 12 28.6 +2.7
ETSF			Sn	Sn	18 13 38.6 -0.4
EJCH	Chisagues Biel	6.45 26	Pn	Pn	18 12 27.6 +1.3
EJCH	0.3nm,0.2s,SNR=7.9				
SJPF	Ste Jean	6.45 16	ePn	Pn	18 12 29.5 +3.2
SJPF	Ste Jean	6.45 16	ePn	Pn	18 12 33.2 +6.9
SJPF			eSn	Sn	18 13 39.2 -0.5
SJPF	96nm,1.9s		Pn	Pn	18 12 29.5 +3.2
SJPF	Ste Jean	6.45 16	Pn	Pn	18 13 39.2 -0.5
EARI	Ariodans	6.47 350	Pn	Pn	18 12 29.6 +2.9
EARI	0.9nm,0.4s,SNR=7.9		Sn	Sn	18 13 36.7 -3.7
EARI	0.5nm,0.4s,SNR=7.9		Lg	Lg	18 14 14.5
EALK	Alkurruntz	6.49 14	Pn	Pn	18 12 29.4 +2.5
EALK	11nm,0.7s,SNR=7.9				
EALK	3.2nm,0.4s,SNR=6.2		Sn	Sn	18 13 39.4 -1.5
EALK	4.0nm,0.4s,SNR=7.9		Lg	Lg	18 14 15.9
ATE	Arette	6.55 19	Pn	Pn	18 12 29.0 +1.4
ATE	1.8nm,0.3s,SNR=7.9		Sn	Sn	18 13 43.9 +1.7
CSOR	Sort	6.57 33	Pn	Pn	18 12 30.4 +2.4
CSOR	1.0nm,0.3s,SNR=7.9				
CFON	Fontarinya	6.75 42	Pn	Pn	18 12 30.8 +0.4
CFON	0.8nm,0.3s,SNR=7.9				
EAGO	Agolada(Pontev)	6.79 331	Sn	Sn	18 13 44.1 -3.8
EAGO	1.0nm,0.3s,SNR=7.9				
EPF	Esparrós	6.82 25	ePn	Pn	18 12 34.2 +2.8
EPF			eSn	Sn	18 12 37.4 +6.0
EPF			A	A	18 13 48.1 -0.7
EPF	1.9nm,0.3s		Pn	Pn	18 12 34.2 +2.8
EPF	Esparrós	6.82 25	Pn	Pn	18 13 48.1 -0.7
EPF			Sn	Sn	18 13 48.1 -0.7
TTIG	Tnigne Tigouga	7.51 213	Pn	Pn	18 12 37.6 -3.3
TTIG			Sn	Sn	18 14 00.7 -5.3
TTIG			Sn	Sn	18 14 00.7 -5.3

IDC 07 18:31:44.1±0.9, 1'00S: 138°61'E, h0km, mb3.67/
 mb1.4/0.10, mb1mx3.8/3.1, mbmp3.9/10, ML4.5/2, MS3.5/2,
 Ms1.3/5.2, ms1mx2.8/3.4, Error ellipse: s-maj=28.8km
 s-min=17.3km, Error ellipse: s-maj=28.8km
 s-min=17.3km
 ISCJB 07 18:31:47.0±0.8, 1'02S: 0°09'138°64E±0.08, h33km,
 mb3.6/6, MS3.4/2, Error ellipse: s-maj=15.2km
 s-min=8.8km az=33.9
 ISC 07 18:31:49.2±0.8, 1'15S: 0°1'138°65E±0.1, h35km, n14,
 e103/14, mb3.6/6, Near north coast of Irian Jaya
 Code Station Name Δ° AZ° Phase ID Time Res
 JAY Jayapura 2.52 124 Op ISC h m s ISC
 2.7nm,0.3s,baz=255,slow=5.9,SNR=58 Pn 18 32 27.7 +0.1
 JAY Jayapura 2.52 124 Op S Sn 18 32 27.7 +0.1
 BATI Baumata 17.41 238 P Pn 18 35 49.1 -0.5
 1.5nm,0.3s,baz=95,slow=11,SNR=2.7 S 18 35 49.1 -0.5
 WRA Warramunga Arr 19.20 192 P Pn 18 36 49.3 0.0
 1.6nm,0.3s,baz=14,slow=12,SNR=58 S 18 36 49.3 0.0
 WRA Warramunga Arr 19.20 192 P Sn 18 39 28.4 -1.7
 0.1nm,0.3s,baz=192,slow=28,SNR=5.6 S 18 39 28.4 -1.7
 CTA Charters Tower 20.30 159 P Pn 18 36 23.8 +1.5
 1.7nm,0.7s,baz=337,slow=13,SNR=4.2 P 18 36 23.8 +1.5
 FITZ Fitzroy Crossi 21.17 216 P Pn 18 36 30.0 +1.3
 0.8nm,0.4s,baz=33,slow=10.0,SNR=7.5 S 18 36 30.0 +1.3
 FITZ Fitzroy Crossi 21.17 216 P S 18 40 12.8 -1.3
 2.0nm,0.7s,baz=199,slow=14,SNR=6.0 P 18 36 49.9 -0.3
 ASAR Air Springs 22.91 191 P Pn 18 40 55.5 -2.3
 2.5nm,0.5s,baz=17,slow=11,SNR=7.9 S 18 40 55.5 -2.3
 ASAR Air Springs 22.91 191 P S 18 40 55.5 -2.3
 JHJ Hachiojima 2 34.04 2 LR LR 18 48 52.2
 comp=2.52nm,20.6s,baz=210,slow=35 S 18 48 52.2
 MJAR Matsushiro Arr 37.44 359 LR LR 18 53 28.1
 comp=2.4nm,18.3s,baz=210,slow=35 S 18 53 28.1
 CMAR Chiang Mai Arr 43.58 298 P Pn 18 39 50.0 -0.2
 0.6nm,0.7s,baz=122,slow=7.2,SNR=3.5 P 18 39 50.0 -0.2
 SOMN Songino Array 56.23 334 P Pn 18 41 25.2 -0.9
 0.6nm,0.8s,baz=152,slow=6.5,SNR=3.0 P 18 41 25.2 -0.9
 MKAR Malnchi Array 68.45 322 P Pn 18 42 48.3 +0.4
 0.3nm,0.6s,baz=111,slow=6.6,SNR=4.3 S 18 42 48.3 +0.4
 VYND Vanda 77.39 175 P Pn 18 43 40.8 +0.6
 0.9nm,0.8s,baz=320,slow=7.6,SNR=8.8 S 18 43 40.8 +0.6
 LPZ Paz 148.45 124 PKPbc PKPbc 18 51 34.0 0.0
 0.9nm,0.7s,baz=236,slow=3.6,SNR=3.1 P 18 51 34.0 0.0
 CAPU Villa Florida 148.69 125 PKPbc PKPbc 18 51 33.8 +0.2
 1.0nm,0.5s,baz=198,slow=3.2,SNR=2.4 S 18 51 33.8 +0.2

NAO 07 18:38:14.5±1.1, 67°86N:20°24'E, ML2.5
 UPP 07 18:38:14.7±0.0, 67°84N:20°21'E, h0km, ML1.8
 ISCJB 07 18:38:14.2±0.3, 67°83N:0°02-20°23E±0.05, h0km, Error
 ellipse: s-maj=3.0km s-min=2.6km az=25.9
 IDC 07 18:38:15.8±1.3, 67°71N:20°60'E, h0km, mb1.3/0.3,
 mb1mx2.9/4.4, mbmp2.9/3, ML2.1/3, Error ellipse:
 s-maj=18.3km s-min=9.1km az=117.0
 HEL 07 18:38:15.4±0.1, 67°86N:20°20'E, h1km, ML2.3,
 ML1.8(UP)
 BER 07 18:38:17.5±3.4, 67°85N:20°16'E, h0km, ML1.6,
 ML2.5(NAO), Suspected explosion
 ISC 07 18:38:14.3±0.7, 67°82N:0°02-20°28E±0.02, h0km, n45,
 e112/6, Sweden

Code	Station Name	Δ° AZ°	Phase ID	Time Res	
KUA	Kurraavaara	0.14 9	iP	Pg	18 38 17.3 +0.4
KUA			S	Sg	18 38 18.9 +0.1
KUA	Kurraavaara	0.14 9	P	Pn	18 38 17.

7d 18h

Table with columns: Name, Time, Status, and other identifiers. Includes entries like Kunigami, Inuyama, Ryogami san, Matsushiro Arr, etc.

2012 SEP

Table with columns: Name, Time, Status, and other identifiers. Includes entries like Labuha, Rabau, Wuhan, Kunming, etc.

484

Table with columns: Name, Time, Status, and other identifiers. Includes entries like SONM, SONM, SONGIO, CHAI, SRAK, NAYO, PHIT, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DZM, GSI, AKUT, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CAN, CAN, ANH, AIN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like IL1, IL1, ILAR, etc.

7d 18h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like B05A Bryant, I02D Swisshome, G03D McMinville, etc.

2012 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VRH, GROC Groznyy, MOS Moscow, etc.

486

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like FIA1 FINESS Array S, FIA0 FINESS Array S, etc.

2012 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SNAW, VNA2, VNA3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GBTY, 061Z, PTBC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GBTY, 061Z, PTBC, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GBTY, 061Z, PTBC, etc.

7d 19h

Table with columns: Station ID, Name, Comp, Z, Freq, SNR, P, R, S, T, U, V, W, X, Y, Z. Includes stations like P45A Graceland, Par, NNA Nana, P47A Martinsville, Q52A Bidwell, etc.

2012 SEP

Table with columns: Station ID, Name, Comp, Z, Freq, SNR, P, R, S, T, U, V, W, X, Y, Z. Includes stations like L43A Garden Prairie, PAPS Pennsylvania G, SPSP Standing Stone, L39A Vinton, etc.

490

Table with columns: Station ID, Name, Comp, Z, Freq, SNR, P, R, S, T, U, V, W, X, Y, Z. Includes stations like PFO Pinyon Flats O, MTPU Mount Peterson, P18A Preston Nuttner, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ALBECK ARRAY, SONGINO ARRAY, UANBAATAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like LAJITAS, SUFI-KURGAN, MANAS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like WARRAMUNGA ARR, CHARLERS TOWER, CHIANG MAI ARR, etc.

JAP 07 21:47:46.5, 24.64N, 122.42E, h16km, ML2.6, D
ISCJB 07 21:47:49.0, 0.4, 24.64N, 122.36E, 0.02, h21km, 6km,
Error ellipse: s-maj=3.5km s-min=3.1km az=27.3
JMA 07 21:47:48.7, 24.63N, 122.30E, h4km, M2.0
ISC 07 21:47:48.1, 1.0, 24.66N, 122.35E, 0.02, h15km, 7km,
n44, e090/80, 1C-1D, Taiwan region

NEIC 07 21:56:35.1, 2.8, 41.86N, 83.08W, h5km, 2km,
MN2.1(OGSO), MN2.5(OTT), Error ellipse: s-maj=7.0km
s-min=5.0km az=78.0
OTT 07 21:56:36.7, 0.7, 41.72N, 82.71W, h1km, MN2.5/3,
Western Lake Erie. 46km south from Leamington, On
Eastern Background Seismic Zone.
ISC 07 21:56:33.0, 1.2, 41.91N, 0.02, 83.04W, 0.03, h1km, 11km,
n28, e151/46, Ohio

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists stations like LPAZ, AGUA, LCO, LCC, LCA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists stations like M50A, AAM, EGSO, N51A, N49A, etc.

SJA 07 21:57:40.5, 0.9, 22.79S, 66.60W, h239km, 6km, M4.2,
MW3.8
ISCJB 07 21:57:41.4, 0.2, 22.90S, 0.02, 66.63W, 0.03, h24km, 2km,
mb4.4/69, Error ellipse: s-maj=4.8km s-min=2.7km
az=161.0
NEIC 07 21:57:41.2, 0.4, 22.86S, 66.43W, h205km, 3km, mb4.5/45,
Error ellipse: s-maj=5.4km s-min=3.7km az=73.0
IDC 07 21:57:43.0, 1.2, 22.74S, 66.31W, h219km, 10km, mb4.0/21,
mb1.4/127, mb1mx4.1/43, mb1mx4.6/27, Error ellipse:
s-maj=12.6km s-min=8.5km az=69.0
GUC 07 21:57:43.2, 0.5, 22.75S, 67.24W, h269km, 10km, ML5.2
ISC 07 21:57:41.9, 0.6, 22.86S, 0.04, 66.60W, 0.05, h218km, 5km,
n189, e151/229, mb4.5/69, 12C-2D, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists stations like HJA, YJA, AZAP, SLA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists stations like EOS1, EGS, EGS, TWC, TWC, TWB1, TWB1, NTC, NTC, ENAH, ENAH, ILA, ILA, ILA, TIPB, TIPB, JYNG, JYNG, NANB, NANB, ENA, ENA, ENA, TWE, TWE, YOJ, YOJ, NWF, NWF, NWF, WFSB, WFSB, ENT, ENT, ENT, NWLT, NWLT, NACB, NACB, NACB, YM07, YM07, YM07, YM01, YM01, YM01, YM11, YM11, YM11, YM08, YM08, YM08, YM12, YM12, YM12, YHNB, YHNB, YHNB, YM04, YM04, YM04, TWD, TWD, TWD, YM03, YM03, YM03, YM03, YM03, YM03, NSK, NSK, NSK, NNS, NNS, NNS, NNS, TWY, TWY, TWS1, TWS1, TWS1, HWA, HWA, HWA, NTST, NTST, PCYT, PCYT, PCYT, NCU, NCU, NCU, WHF, WHF, TWT, TWT, TDCB, TDCB, CHGB, CHGB, NNST, NNST, IRIF, IRIF, HGSD, HGSD, HATJ, HATJ, HATJ

ISCJB 07 21:56:34.3, 0.7, 41.87N, 0.02, 83.08W, 0.04, h3km, 4km,
Error ellipse: s-maj=4.9km s-min=3.3km az=8.0

Table with columns: KSL, S, AML, Sn, 23 33 49.7, -0.7, 23 33 56.9, 23 33 57.1, 23 33 34.8, +1.2, 23 33 54.4, +0.9, 23 33 36.9, -0.2, 23 33 40.8, -0.1, 23 33 42.8, -0.1

IDC 07 23:33:47.4, 1.2, 21.56N, 146.02E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.5/4.2, mbtmp3.6/6, Error ellipse: s-maj=50.5km s-min=22.2km az=92.0

IS/CJB 07 23:33:49.6, 1.2, 21.56N, 0.1:146.1E, 0.4, h2km, mb3.6/6, Error ellipse: s-maj=48.3km s-min=20.8km az=2.3

IS/C 07 23:33:51.6, 1.3, 21.55N, 0.2:146.1E, 0.3, h2km, n6, c0548/6, mb3.7/6, Mariana Islands region

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

NEIC 07 23:47:43.0, 0.0, 51.56N, 179.91W, h74km, ML3.5(AEIC), After AEIC...Andreas Islands

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

NORS 08 00:02:55.7, 0.0, 41.31N, 45.76E, h14km, MPVA3.1, IS/CJB 08 00:02:56.7, 0.8, 41.26N, 0.05:45.67E, 0.04, h2km, 5/6km, Error ellipse: s-maj=4.8km s-min=4.8km az=175.9

TIF 08 00:02:57.0, 41.37N, 45.58E, h2km, 1km, DRS 08 00:02:58.4, 0.0, 41.40N, 45.75E, h18km, IS/C 08 00:02:56.3, 1.5, 41.31N, 0.05:45.71E, 0.02, h18km, 6km, n19, c104/38, Eastern Caucasus

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

IDC 08 00:08:06.3, 0.7, 21.25S, 175.55W, h0km, mb3.7/7, mb1 4.1/8, mb1mx3.9/24, mbtmp3.8/8, ML3.4, 1.1, Error ellipse: s-maj=31.7km s-min=21.8km az=138.0, Tonga Islands

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

MEX 08 00:32:08.7, 0.8, 17.03N, 94.43W, h165km, 14km, MD3.9, Chiapas

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

IDC 08 00:33:49.4, 2.3, 7.33N, 127.44E, h0km, mb3.4/3, mb1 3.5/3, mb1mx3.3/26, mbtmp3.4/3, Error ellipse: s-maj=196.5km s-min=27.5km az=67.0

IS/C 08 00:33:50.7, 2.4, 7.09N, 0.06:127.31E, 0.09, h3km, 13km, n10, c1996/16, mb3.2/3, Philippine Islands region

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

IDC 08 00:38:39.4, 2.5, 7.18N, 127.04E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/28, mbtmp3.5/3, MS2.3, Ms1 3.2/3, ms1mx2.9/24, Error ellipse: s-maj=227.0km s-min=26.4km az=66.0

IS/CJB 08 00:38:41.3, 2.7, 7.06N, 0.06:127.29E, 0.07, h14km, 19km, mb3.4/3, MS3.1/3, Error ellipse: s-maj=12.8km s-min=9.4km az=146.0

IS/C 08 00:38:43.5, 2.6, 7.09N, 0.06:127.2E, 0.1, h24km, 17km, n13, c213/17, mb3.4/3, MS3.1/3, 2C-1D, Philippine Islands region

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

IS/CJB 08 00:49:50.1, 0.5, 21.13S, 0.03:68.91W, 0.09, h123km, 6km, mb3.6/3, Error ellipse: s-maj=14.5km s-min=5.2km az=1.2

GUC 08 00:49:50.6, 0.7, 21.11S, 68.94W, h12km, 4km, ML3.9, IDC 08 00:49:51.5, 0.3, 21.23S, 68.69W, h10km, 28km, mb3.3/3, mb1 3.4/5, mb1mx3.2/31, mbtmp3.6/5, MS3.1/1, Ms1 1.1/1, ms1mx2.5/9, Error ellipse: s-maj=29.0km s-min=25.0km az=69.0

IS/C 08 00:49:50.8, 0.2, 21.11S, 0.04:68.85W, 0.09, h112km, 8km, n20, c159/33, mb3.7/3, 6C-2D, Chile-Bolivia border region

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

LVC Limon Verde 1.50 182 eS Sn 00 50 39.6 +0.8

PB11 IPOC Station P 1.54 330j eS Sn 00 50 18.1 +0.3

PB11 Afamatu 64.01 109 LR P 00 50 43.3

IS/C 08 00:50:08.3, 0.7, 21.25S, 175.55W, h0km, mb3.7/7, mb1 4.1/8, mb1mx3.9/24, mbtmp3.8/8, ML3.4, 1.1, Error ellipse: s-maj=31.7km s-min=21.8km az=138.0, Tonga Islands

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

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

IS/CJB 08 01:05:29.8, 0.9, 7.13N, 0.04:126.92E, 0.08, h70km, 7km, mb4.3/30, Error ellipse: s-maj=13.4km s-min=6.0km az=3.3

IDC 08 01:05:32.0, 2.1, 7.07N, 126.95E, h75km, 19km, mb4.0/19, mb1 4.0/20, mb1mx3.8/50, mbtmp4.3/20, Error ellipse: s-maj=25.0km s-min=10.4km az=88.0

NEIC 08 01:05:33.4, 0.9, 7.08N, 0.126.78E, h89km, 8km, mb4.5/6, Error ellipse: s-maj=10.8km s-min=5.2km az=82.8

IS/C 08 01:05:29.6, 1.5, 7.03N, 0.05:127.11E, 0.10, h54km, 13km, n60, c2357/4, mb4.4/30, 2C-3D, Philippine Islands region

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

IS/CJB 08 01:09:30.7, 1.2, 10.90N, 127.03E, h0km, mb3.9/7, mb1 4.0/7, mb1mx3.7/51, mbtmp3.9/7, Error ellipse: s-maj=127.5km s-min=19.4km az=69.0

IS/CJB 08 01:09:34.5, 0.8, 10.81N, 0.1:126.72E, 0.08, h33km, mb3.9/7, Error ellipse: s-maj=16.3km s-min=8.6km az=30.2

IS/C 08 01:09:36.3, 1.0, 10.93N, 0.1:126.7E, 0.1, h35km, n13, c1916/15, mb3.9/7, 1C-1D, Philippine Islands region

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include BESP Borongan, PLP Palo, MSLP Maasin, etc.

NEIC 08 01:12:39.3.0.3, 7.14N, 127.10E, h35km, mb4.3/3, Error ellipse: s-maj=12.4km s-min=6.7km az=86.0

ISC 08 01:12:43.3.2.1, 7.13N, 127.10E, h73km, 20km, mb3.9/17, mb1 3.9/18, mb1mx3.7/43, mbtmpp3.7/6, Error ellipse: s-maj=20.5km s-min=9.8km az=88.0

ISC 08 01:12:37.5.2.0, 7.18N, 127.21E, 0.08, h23km, 14km, n52, 1968/58, mb4.2/20, MS3.3/3, 4C, Philippine Islands region

Main table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MATI Mati, BIPH Bislig, DAV Davao City (W), etc.

ISC/JB 08 01:23:50.8.2.3, 7.11N, 127.30E, 0.05, h15km, 16km, mb3.6/6, Error ellipse: s-maj=9.7km s-min=8.6km az=20.5

ISC 08 01:23:57.4.3.6, 7.16N, 127.14E, h65km, 33km, mb3.4/6, mb1 3.6/6, mb1mx3.3/39, mbtmpp3.7/6, Error ellipse: s-maj=31.9km s-min=15.9km az=73.0

ISC 08 01:23:52.5.2.6, 7.13N, 127.3E, 0.1, h25km, 17km, n16, 1975/26, mb3.6/2, 1C-2D, Philippine Islands region

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MATI Mati, BIPH Bislig, DAV Davao City (W), etc.

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include BUTP Bagumbayan, Su, SKMP Cotabato-PC H, FITZ Fitzroy Crossi, etc.

ISC 08 01:25:50.2.2.7, 7.14N, 127.05E, h80km, 25km, mb3.5/7, mb1 3.7/7, mb1mx3.4/39, mbtmpp3.8/7, Error ellipse: s-maj=28.5km s-min=14.8km az=81.0

ISC 08 01:25:46.3.2.5, 7.02N, 126.17E, 0.02, h46km, 23km, n18, 2556/26, mb3.7/7, 2C-1D, Philippine Islands region

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MATI Mati, BIPH Bislig, DAV Davao City (W), etc.

ISC 08 01:29:33.3.2.1, 10.47N, 126.04E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.6/40, mbtmpp3.8/5, MS3.6/2, Ms1 3.6/2, ms1mx2.9/42, Error ellipse: s-maj=135.0km s-min=23.4km az=66.0

ISC 08 01:29:39.2.2.1, 10.6N, 126.2E, 0.7, h51km, n9, 1657/7, mb3.7/5, Philippine Islands region

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include BESP Borongan, MSLP Maasin, MJAR Matsushiro Arr, etc.

ISC 08 01:34:35.4.6.2, 3.93S, 141.97E, h136km, 63km, mb3.2/2, mb1 3.6/3, mb1mx3.1/38, mbtmpp3.8/3, Error ellipse: s-maj=110.0km s-min=21.4km az=100.0, New Guinea

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include JAY Jayapura, WRA Warrungarra Arr, ASAR Alice Springs, etc.

CNRM 08 01:39:22.9, 35.20N, 6.42W, h10km, ML2.2, ISC/JB 08 01:39:26.8, 0.6, 35.62N, 0.04, 6.10W, 0.03, h35km, Error ellipse: s-maj=5.5km s-min=2.6km az=12.9

MDD 08 01:39:26.6, 0.5, 35.37N, 6.12W, h46km, 14km, mb3.6/1, Error ellipse: s-maj=4.0km s-min=4.1km az=52.0, PRXIMO

IGIL 08 01:39:26.8, 35.37N, 6.12W, h40km, ML2.4, SFS 08 01:39:27.0, 35.53N, 6.14W, h25km, ML2.3, GOLFO DE CADIZ

INMG 08 01:39:27.6, 1.5, 35.39N, 6.13W, h31km, 11km, ML2.3, Error ellipse: s-maj=6.0km s-min=3.9km az=4.0

ISC 08 01:39:25.2.1, 2.35, 46N, 0.04, 6.10W, 0.03, h35km, n81, 2507/10, 1C-2D, Strait of Gibraltar

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include RSA Sarsar, ECEU Ceuta, EJIF Jijona Fronter, etc.

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include PVAQ 30nm, 0.2s, PVAQ Vaqueiros, EGRO El Granado, etc.

ISC 08 01:40:27.1, 1.5, 35.39N, 6.13W, h31km, 11km, ML2.3, Error ellipse: s-maj=6.0km s-min=3.9km az=4.0

ISC 08 01:40:27.1, 1.5, 35.39N, 6.13W, h31km, 11km, ML2.3, Error ellipse: s-maj=6.0km s-min=3.9km az=4.0

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include PVAQ Vaqueiros, EGRO El Granado, ELGU Los Guajares, etc.

ISC 08 01:40:27.1, 1.5, 35.39N, 6.13W, h31km, 11km, ML2.3, Error ellipse: s-maj=6.0km s-min=3.9km az=4.0

ISC 08 01:40:27.1, 1.5, 35.39N, 6.13W, h31km, 11km, ML2.3, Error ellipse: s-maj=6.0km s-min=3.9km az=4.0

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include GORA Gorafe, GORA Gora, EBAD Badajoz, etc.

ISC 08 01:40:27.1, 1.5, 35.39N, 6.13W, h31km, 11km, ML2.3, Error ellipse: s-maj=6.0km s-min=3.9km az=4.0

ISC 08 01:40:27.1, 1.5, 35.39N, 6.13W, h31km, 11km, ML2.3, Error ellipse: s-maj=6.0km s-min=3.9km az=4.0

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SESP Santiago Espad, SESP Santiago Espad, PMTG Montargil, etc.

ISC 08 01:40:27.1, 1.5, 35.39N, 6.13W, h31km, 11km, ML2.3, Error ellipse: s-maj=6.0km s-min=3.9km az=4.0

ISC 08 01:40:27.1, 1.5, 35.39N, 6.13W, h31km, 11km, ML2.3, Error ellipse: s-maj=6.0km s-min=3.9km az=4.0

ISC 08 01:40:27.1, 1.5, 35.39N, 6.13W, h31km, 11km, ML2.3, Error ellipse: s-maj=6.0km s-min=3.9km az=4.0

ISC 08 01:40:27.1, 1.5, 35.39N, 6.13W, h31km, 11km, ML2.3, Error ellipse: s-maj=6.0km s-min=3.9km az=4.0

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include OUK Oukaimeden, OUK Oukaimeden, PCBR Castelo Branco, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PCAS Casimilo, MTE Manteigas, TTIG Tinie Tigouga, etc.

NIED 08 01:41:00, 33.80N, 132.30E, h53km, Mw4.5 Best double couple...
MOS 08 01:41:23.4, 1.1, 33.74N, 132.23E, h54km, mb4.8/40, Error ellipse: s-maj=7.6km...

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JNA Nagahama, JHM Kurahashi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JHJ Hachijo jima 2, JHW Mitsune, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KLR Kul'dur, KUR Kuril'sk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CAST Castle Rocks, ABKAR Abkular array, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, H, m, s, ISC. Includes stations like FINES, VSU, YKA, AFI, AKASG, KIEV, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, H, m, s, ISC. Includes stations like DOU, DAC, ECH, DUG, TPNV, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, H, m, s, ISC. Includes stations like LAYO, LSCM, LOND, etc.

3.7mm, 0.9s, baz=144, slow=12, SNR=2.9

ISCJB 08 02:27:18.4±0.5, 11.99N±0.05:88.64W±0.04, h33km, mb4.0/23, MS3.2/2, Error ellipse: s-maj=8.3km, s-min=3.8km az=26.9

UCR 08 02:27:20.4±1.2, 12.11N±88.60W, h35km, 999km, MD4.2, ML3.4, mb4.2(NEIC)

NEIC 08 02:27:21.4±1.4, 12.06N±88.50W, h41km, 12km, mb4.2/21, Error ellipse: s-maj=16.4km s-min=8.5km az=225.0

ISC 08 02:27:21.3±0.7, 12.11N±0.07:88.57W±0.06, h33km, n123, 0599/125, mb4.2/23, 1C, Off coast of central America

ISCJB 08 02:13:32.9±0.7, 31.26N±0.08:115.91W±0.05, h11km, 8km, Error ellipse: s-maj=13.9km s-min=4.3km az=25.5

ECX 08 02:13:34.0±0.5, 31.12N±115.92W, h15km, MD3.7

ISC 08 02:13:34.0±0.5, 31.12N±115.93W, h5km, MD2.2, ML2.4

ISC 08 02:13:29.2±0.3, 31.18N±0.08:115.94W±0.05, h1km, 17km, n12, 0870/22, D, Baja California

Code Station Name Az El Op Phase ID Time Res H m s ISC

SPIG San Pedro Mart 0.42 109 eP Pn 02 13 42.2 -1.3

SPIG San Pedro Mart 0.42 109 eS Pn 02 13 42.1 +0.7

SPIG San Pedro Mart 0.42 109 eS Pn 02 13 42.4 -1.1

SPX San Pedro Mart 0.43 109 eS Pn 02 13 42.1 +0.8

ZAX El Zacaton 0.44 319 eS Pn 02 13 41.1 +0.6

ZAX El Zacaton 0.44 319 eS Pn 02 13 47.0 -0.6

ISCJB 08 02:17:30.2±0.9, 11.50N±127.18E, h0km, mb3.9/8, mb1.4/1.8, mb1mx3.742, mbtmp3.9/8, MS2.9/2, Ms1.3/0.2, ms1mx2.8/4.2, Error ellipse: s-maj=54.5km s-min=16.6km az=72.0

ISCJB 08 02:17:33.4±0.7, 11.41N±126.83E, h33km, mb3.8/8, MS2.9/2, Error ellipse: s-maj=8.5km s-min=8.0km az=7.6

ISC 08 02:17:35.8±0.9, 11.41N±126.76E±0.09, h35km, n17, 0137/18, mb3.7/8, 2C, Philippine Islands region

Code Station Name Az El Op Phase ID Time Res H m s ISC

BESP Borongan 1.31 279 Op Pn 02 17 32.7 -1.4

PLP Palo 1.77 262/11 eS Pn 02 18 02.2 -1.7

PLP Palo 1.77 262/11 eS Pn 02 18 22.8 -2.3

MSLP Maasin 2.26 236 eS Pn 02 18 10.5 -0.2

MSLP Maasin 2.26 236 eS Pn 02 18 38.5 +1.2

CNP Cataman 2.33 298 eS Pn 02 18 17.1 +0.1

BUTP Butuan 2.67 205 eS Pn 02 18 15.1 -1.2

PVPC Virac 3.35 311 eP Pn 02 18 25.0 -0.6

RCP Roxas 3.94 273/1 eP Pn 02 18 34.4 +0.6

Table with columns: IEOG, Station Name, Az, El, Pn, Time Res, ISC, and various station codes like BESP, PLP, MASIN, etc.

Table with columns: IEOG, Station Name, Az, El, Pn, Time Res, ISC, and various station codes like IMOG, ILAS, IAFJ, etc.

Table with columns: IEOG, Station Name, Az, El, Pn, Time Res, ISC, and various station codes like GNI, GROC, CHMN, etc.

USA0B	Ussuriysk Arra	59.73 336	eP	P	04 21 47.5	-0.2	HHC	comp=Z,350nm,15.1s	LR	LR	BPWA	Bear Paw Mtn.	82.27	19	eP	P	04 24 04.1	+0.1	
USRK	Ussuriysk Ar.	59.73 336	P	P	04 21 48.8	+1.1	CD2	Chengdu	67.90 309	eP	P	KLU	Klutina	82.40	23	eP	P	04 24 05.4	+0.6
BKNI	Bangkinang	60.12 276	S	P	04 21 51.1	+0.1	CD2			sP	RND	Reindeer	82.53	21	eP	P	04 24 06.0	+0.6	
SKNR	Severo-Kuril's	60.41 357	P	P	04 21 52.7	+0.5	CD2			PP	RND	Reindeer	82.53	21	eP	P	04 24 06.0	+0.6	
PPSI	Pulau Pagai	60.57 272	P	P	04 21 53.4	-0.7	CD2			SS	RND	Reindeer	82.53	21	eP	P	04 24 06.0	+0.6	
DL2	Dalian	60.57 326	P	P	04 21 54.1	+0.6	CD2			SS	RND	Reindeer	82.53	21	eP	P	04 24 06.0	+0.6	
DL2			sP	S	04 22 13.2	+4.2	CD2	comp=Z,10.0nm,0.5s		pmax	pmax								
DL2			S	S	04 30 06.3	-0.7	CD2	comp=Z,120nm,5.2s		LR	LR								
DL2	comp=Z,57nm,0.8s						CD2	comp=Z,700nm,28.4s		LR	LR								
DL2	comp=Z,330nm,16.2s						CD2	comp=Z,780nm,24.5s		LR	LR								
DL2	comp=Z,160nm,13.4s						CD2	comp=Z,960nm,18.6s		LR	LR								
DL2	comp=Z,330nm,19.4s						SBA	Scott Base	68.05 179	eP	P	IM3	Indian Mountai	82.72	17	eP	P	04 24 06.2	+0.4
MDJ	Mudanjiang	61.05 335	eP	P	04 21 55.9	-0.7	SBA	Scott Base	68.05 179	eP	P	IM3	Indian Mountai	82.72	17	eP	P	04 24 06.2	+0.4
SNY	Shenyang	61.64 329	P	P	04 22 08.5	+7.8	SBA	Scott Base	68.05 179	eP	P	IM3	Indian Mountai	82.72	17	eP	P	04 24 06.2	+0.4
SNY			S	S	04 30 45.5	+25	SBA	Scott Base	68.05 179	eP	P	IM3	Indian Mountai	82.72	17	eP	P	04 24 06.2	+0.4
SNY			pmax	pmax			BTO	Batou	68.53 321	eP	P	HARP	HAARP	83.24	22	eP	P	04 24 10.3	+1.3
SNY	comp=Z,220nm,4.4s						HIA	Hailar	68.92 333	eP	P	WRH	Wood River Hill	83.47	20	eP	P	04 24 09.9	-0.2
SNY	comp=N,270nm,20.6s						HIA	Hailar	68.92 333	eP	P	CCB	Clear Creek Bu	83.68	20	eP	P	04 24 10.8	-0.4
SNY	comp=E,310nm,19.8s						HIA	Hailar	68.92 333	eP	P	MDM	Murphy Dome	83.73	19	eP	P	04 24 11.2	-0.3
SNY	comp=Z,590nm,27.0s						UNV	Unalaska Valle	69.31 20	eP	P	HDA	Harding Lake	83.82	20	eP	P	04 24 13.0	+1.1
MNSI	Mandailing Nat	61.65 276	P	P	04 22 00.5	-0.9	ZEZ	Zeya	69.38 340	eP	P	MAW	Mawson	83.90 202	P	P	04 24 13.3	+0.9	
SKNT	Sakolnakhorn	62.01 295	P	P	04 22 04.6	+0.9	ZEZ	Zeya	69.38 340	eP	P	MAW	Mawson	83.90 202	P	P	04 24 13.3	+0.9	
CN2	Changchun	62.22 332	eS	P	04 22 05.3	+0.7	MA2	Magadan	69.65 355	eP	P	MAW	Mawson	83.90 202	P	P	04 24 13.2	+0.9	
CN2			eS	S	04 30 26.2	-1.6	MA2	Magadan	69.65 355	eP	P	MAW	Mawson	83.90 202	P	P	04 24 13.2	+0.9	
CN2	comp=Z,20nm,0.5s						MA2	Magadan	69.65 355	eP	P	MAW	Mawson	83.90 202	P	P	04 24 13.2	+0.9	
CN2	comp=Z,200nm,4.0s						LZH	Lanzhou	70.26 314	eP	P	TIXI	Tiksi	84.02 350	P	P	04 24 12.9	+0.1	
CN2	comp=Z,280nm,17.0s						LZH	Lanzhou	70.26 314	eP	P	TIXI	Tiksi	84.02 350	P	P	04 24 12.4	-0.4	
CN2	comp=Z,210nm,17.0s						LZH	Lanzhou	70.26 314	eP	P	TIXI	Tiksi	84.02 350	P	P	04 24 12.3	+0.1	
CN2	comp=Z,380nm,17.0s						LZH	Lanzhou	70.26 314	eP	P	TIXI	Tiksi	84.02 350	P	P	04 24 12.3	+0.1	
PET	Petropavlovsk	62.65 359	eP	S	04 21 57.7	-1.0	LZH	Lanzhou	70.26 314	eP	P	IL1	Eielson Array	84.06 20	eP	P	04 24 12.3	-0.8	
PET			eS	S	04 30 26.1	-6.7	LZH	Lanzhou	70.26 314	eP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
RKT	Rikitea	62.73 111	eLR	P	04 41 05.0		LZH	Lanzhou	70.26 314	eP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PBSI	Pulau Batu	62.76 275	P	P	04 22 08.9	+0.1	LZH	Lanzhou	70.26 314	eP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PEA0B	Petropavlovsk-	62.76 358	eP	P	04 22 08.1	+0.1	LZH	Lanzhou	70.26 314	eP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	P	P	04 22 08.5	+0.4	LZH	Lanzhou	70.26 314	eP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	comp=Z,4.8nm,0.6s,baz=157,slow=8.4,SNR=6.5						MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	comp=Z,664nm,21.4s,baz=167,slow=32						MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 08.0	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 19.2	+8.0	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.7	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.4	-0.5	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 45 42.3		MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 08.0	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 19.2	+8.0	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.7	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.4	-0.5	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 45 42.3		MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 08.0	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 19.2	+8.0	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.7	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.4	-0.5	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 45 42.3		MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 08.0	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 19.2	+8.0	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.7	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.4	-0.5	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 45 42.3		MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 08.0	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 19.2	+8.0	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.7	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.4	-0.5	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 45 42.3		MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 08.0	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 19.2	+8.0	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.7	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.4	-0.5	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 45 42.3		MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 08.0	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 19.2	+8.0	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.7	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.4	-0.5	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 45 42.3		MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 08.0	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 19.2	+8.0	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP	P	04 24 12.7	-0.5	
PETK	Petropavlovsk-	62.76 358	eP	P	04 22 11.7	-0.1	MIR	Mirnyy	72.17 203	iP	P	ILAR	Eielson Array	84.06 20	eP				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like E04D Cinebar, G06A Carlsons Farm, I03D Drain, etc.

ISC 08:05:08:14.7:3.21:50N:146.16E, h0km, mb3.8/9, mb1.3/9.10, mb1mx3.7/50, mbtmp3.9/10, ML4.5/1, Error ellipse: s-maj=43.1km s-min=18.8km az=82.0

NEIC 08:05:08:17.0:0.5:21.50N:146.10E, h10km, mb4.4/3, Error ellipse: s-maj=18.1km s-min=8.3km az=84.0

ISCJB 08:05:08:17.6:0.6:21.53N:146.14E, h1.0:1, h29km, mb3.9/12, Error ellipse: s-maj=18.9km s-min=8.4km az=171.4

ISC 08:05:08:20.2:0.8:21.58N:146.09, h15.9:0.2, h29km, n22, r162/24, mb4.0/12, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like SARN Sarigan, CBJL Chichi jima, etc.

ISCJB 08:05:09:50.4:0.3:7.19S:0:07:13.18W:0:07, h13km, mb4.2/21, MS3.8/10, Error ellipse: s-maj=13.1km s-min=5.3km az=41.1

ISC 08:05:09:50.7:0.6:7.21S:13:06W, h0km, mb4.3/15, mb1.4/3.16, mb1mx4.1/38, mbtmp4.3/16, ML3.1/15, Ms1.3/7.11, ms1mx3.5/26, Error ellipse: s-maj=20.4km s-min=14.5km az=130.0

NEIC 08:05:09:52.0:0.4:7.20S:13:05W, h10km, mb4.6/7, Error ellipse: s-maj=14.6km s-min=9.1km az=133.0

ISC 08:05:09:52.5:0.5:7.22S:0:09:13.17W:0:09, h13km, n51, r154/44, mb4.3/21, MS3.9/10, 1C-1D, Ascension Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like ASCN Ascension, H10N2 ASCENSION HYDR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like H10S2, H10S3 ASCENSION HYDR, LIC Lamto, etc.

ISC 08:05:12:55.4:1.4:10.51N:126.79E, h0km, mb4.1/5, mb1.4/3.5, mb1mx3.7/46, mbtmp4.1/5, Error ellipse: s-maj=17.7km s-min=29.4km az=65.0

ISCJB 08:05:12:56.7:1.2:10.5N:0:1:126.84E:0:09, h20km, mb4.2/5, Error ellipse: s-maj=22.2km s-min=12.0km

ISC 08:05:12:58.3:1.2:10.5N:0:1:126.8E:0:1, h20km, n11, r046/10, mb4.3/5, 1C, Philippine Islands region

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

NIED 08:05:17:00:25:50N:127:60E, h5km, Mw3.9 Best double couple: M=7.88000e+1014 NP1=273.00000, s32.00000, 1.75.00000, NP2=67.00000, s87.00000, s58.00000

JMA 08:05:17:07:0.4:25.48N:127.56E, h25km, mb4.3/15, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like JTT3 Tamagusuku3, JKE Kime jima, etc.

mb4.6/1, mb3.9/3, MLV3.7/19, Mw(m)B3.8/1, IDC 08:05:19:55.0:6.5:8.43S:11.92E, h176km, 4.4km, mb3.3/3, mb1.3/4.6, mb1mx3.1/54, mbtmp3.9/6, MS3.1/1, Ms1.3/3.1, ms1mx2.6/23, Error ellipse: s-maj=64.3km s-min=57.1km az=68.0

ISC 08:05:19:53.1:0.9:8.35S:0:04:119.85E:0:04, h164km, 2.9km, n24, r060/33, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like WBSI Waikabubak, WSI Waingapu, etc.

ISCJB 08:05:31:56.9:0.4:52.46N:0:03:158.84E:0:07, h86km, 3km, mb3.7/12, Error ellipse: s-maj=8.0km s-min=3.9km

MOS 08:05:31:56.1:0.6:52.37N:158.95E, h73km, mb4.2/5, Error ellipse: s-maj=12.3km s-min=4.4km az=84.1

KRSC 08:05:31:56.2:0.8:52.45N:158.89E, h80km, 7km, ML4.4, IDC 08:05:31:59.5:1.0:52.62N:158.51E, h97km, 6km, mb3.5/12, mb1.3/7.14, mb1mx3.5/59, mbtmp3.8/14, MS2.8/2, Ms1.2/8.2, ms1mx2.4/29, Error ellipse: s-maj=19.8km s-min=15.0km az=153.0

ISC 08:05:31:57.5:0.7:52.47N:0:04:158.86E:0:04, h77km, 5km, n95, r192/71, mb3.8/12, 2C, Near east coast of Kamchatka Peninsula

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

ISC 08:05:12:55.4:1.4:10.51N:126.79E, h0km, mb4.1/5, mb1.4/3.5, mb1mx3.7/46, mbtmp4.1/5, Error ellipse: s-maj=17.7km s-min=29.4km az=65.0

ISCJB 08:05:12:56.7:1.2:10.5N:0:1:126.84E:0:09, h20km, mb4.2/5, Error ellipse: s-maj=22.2km s-min=12.0km

ISC 08:05:12:58.3:1.2:10.5N:0:1:126.8E:0:1, h20km, n11, r046/10, mb4.3/5, 1C, Philippine Islands region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GNLF, KIL, SKR, SMG, etc.

ISC 08 06:05:56.9, 38.24N, 26.65E, h5km, ML2.5/5
ISCJB 08 06:05:57.5, 0.4, 38.28N, 0.02, 26.64E, 0.03, h10km, 3km, Error ellipse: s-maj=4.6km s-min=3.3km az=137.8

ISC 08 06:05:57.7, 0.9, 10.6N, 0.1, 126.87E, 0.1, h20km, mb3.9/6, MS3.3/1, Error ellipse: s-maj=20.5km s-min=7.9km az=36.6

ISC 08 06:05:57.3, 0.4, 10.17N, 0.1, 126.8E, 0.1, h20km, n12, +f103/13, mb4.0/6, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BESE, PLP, MSLP, DAV, etc.

ISC 08 06:05:56.9, 38.24N, 26.65E, h5km, ML2.5/5
ISCJB 08 06:05:57.5, 0.4, 38.28N, 0.02, 26.64E, 0.03, h10km, 3km, Error ellipse: s-maj=4.6km s-min=3.3km az=137.8

ATH 08 06:05:57.3, 0.8, 38.28N, 26.67E, h17km, 4km, ML2.3/4, Error ellipse: s-maj=3.3km s-min=1.3km az=342.0

THE 08 06:05:57.6, 38.23N, 26.60E, h22km, 2km, ML2.3/4, Error ellipse: s-maj=3.9km s-min=0.4km az=232.0

DDA 08 06:05:57.5, 38.26N, 26.66E, h9km, ML2.7
ISC 08 06:05:57.0, 0.8, 38.26N, 0.02, 26.62E, 0.02, h15km, 4km, n26, +f068/45, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZEY, URLA, DGB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SMG, SAMOS, CGM, etc.

ISC 08 06:23:33.5, 5.6, 5.07S, 147.16E, h150km, 38km, mb3.5/4, mb1 3.6/6, mb1mx3.3/24, mbtmp3.9/6, Error ellipse: s-maj=51.7km s-min=38.6km az=19.0, Eastern New Guinea region

ISC 08 06:41:58.8, 0.9, 10.77S, 113.90E, h0km, mb4.1/8, mb1 4.3/9, mb1mx4.0/34, mbtmp4.1/9, ML4.0/1, Error ellipse: s-maj=42.7km s-min=15.8km az=59.0

ISCJB 08 06:42:01.7, 0.3, 10.83S, 0.03, 113.79E, 0.03, h33km, mb4.1/6, Error ellipse: s-maj=4.6km s-min=3.8km az=40.2

NEIC 08 06:42:02.7, 2.2, 10.77S, 113.94E, h25km, 16km, mb4.5/11, Error ellipse: s-maj=10.3km s-min=5.2km az=49.0

DJA 08 06:42:04.4, 0.5, 11.5, 11.5, 4E, h43km, 46km, M4.7/24, mb4.5/14, mb5.4/6, ML4.6/24, Mw(MB)4.8/6

ISC 08 06:42:03.5, 0.5, 10.83S, 0.06, 113.81E, 0.06, h35km, n76, +f107/79, mb4.3/16, South of Java

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

WAKI Fak Fak 19.91 68 eP P 06 46 31.7 -0.6
FRA Warramunga Arr 21.75 117 eP P 06 46 51.8 -0.4

WRI Warramunga Arr 21.75 117 eP P 06 46 51.8 -0.3
WB2 Warramunga Arr 21.75 117 eP P 06 46 52.8 +0.6

AS31 Alice Springs 23.01 126 eP P 06 47 05.7 +0.1
ASAR Alice Springs 23.01 126 P 06 47 05.7 +0.1

AS01 Alice Springs 23.01 126 eP P 06 47 05.5 -0.4
FORT Forrest 23.86 148 eP P 06 47 13.8 -0.1

COEN Coen 28.84 99 eP P 06 47 57.4 -1.4
BB00 Buckleboe 29.96 140 eP P 06 48 10.2 +1.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SONAO, SONM, MK01, etc.

ISC 08 06:42:34.4, 0.7, 10.79S, 113.76E, h0km, mb4.2/12, mb1 4.4/15, mb1mx4.2/34, mbtmp4.3/15, ML4.4/4, Error ellipse: s-maj=20.7km s-min=13.7km az=58.0

NEIC 08 06:42:35.8, 0.3, 10.90S, 113.71E, h10km, mb4.5/11, Error ellipse: s-maj=12.0km s-min=5.7km az=46.0

ISCJB 08 06:42:37.6, 0.4, 10.74S, 0.06, 113.82E, 0.07, h33km, mb4.6/22, Error ellipse: s-maj=11.8km s-min=6.3km az=137.2

ISC 08 06:42:39.4, 0.5, 10.83S, 0.08, 113.86E, 0.07, h35km, n61, +f137/63, mb4.4/22, South of Java

SMRI Semarang 5.05 318 eP P 06 43 53.4 +0.7
MIRI Maumere 8.54 76 eP P 06 44 45.5 +3.8

BATI Baunata 9.66 87 Pn Pn 06 44 56.6 +0.5
BATI Baunata 9.66 87 Pn Pn 06 46 40.5 -3.0

BATI Baunata 9.66 87 Pn Pn 06 44 56.6 +0.5
BATI Baunata 9.66 87 Pn Pn 06 46 40.5 -3.0

MBWA Marble Bar 11.72 152 ePn Pn 06 45 20.5 -3.8
FITZ Fitzroy Crossi 13.50 124 Pn Pn 06 45 46.6 -2.0

FITZ Fitzroy Crossi 13.50 124 ePn Pn 06 48 07.0 -1.0
FITZ Fitzroy Crossi 13.50 124 ePn Pn 06 45 46.8 -1.8

SIJI Sorong 19.93 61 ePn Pn 06 47 08.1 -0.3
PSI Prapat 20.10 312 P P 06 47 08.2 -2.3

PSI Prapat 20.10 312 P P 06 47 08.2 -2.3
DAV Davao City (W) 21.27 34 P P 06 47 22.5 -0.4

DAV Davao City (W) 21.27 34 P P 06 47 22.5 -0.4
WRI Warramunga Arr 21.71 117 eP P 06 47 28.0 +0.3

WRA Warramunga Arr 21.71 117 eP P 06 47 28.0 +0.3
WRA Warramunga Arr 21.71 117 eP P 06 47 28.0 +0.3

WRAB Tennant Creek 21.71 117 eP P 06 47 30.6 +2.8
WB2 Warramunga Arr 21.72 117 eP P 06 47 30.1 +2.3

ASAR Alice Springs 22.97 126 P P 06 47 42.0 +0.8
ASAR Alice Springs 22.97 126 P P 06 47 42.2 +1.1

AS01 Alice Springs 23.01 126 eP P 06 47 42.3 +0.7
FORT Forrest 23.84 148 eP P 06 47 49.6 +0.2

CTA Charters Tower 32.50 110 P P 06 49 09.1 +1.9
MIRI Maumere 32.50 110 eP P 06 49 09.1 +1.9

CTA Charters Tower 32.50 110 eP P 06 49 09.1 +1.9
CMAR Chiang Mai Arr 32.61 333 eP P 06 49 09.5 +1.6

CMAR Chiang Mai Arr 32.61 333 eP P 06 49 08.4 +0.4
CMAR Chiang Mai Arr 32.61 333 eP P 06 49 08.4 +0.4

STKA Stephens Creek 33.09 134 P P 06 49 13.1 +1.0
STKA Stephens Creek 33.09 134 P P 06 49 13.1 +1.0

KS15 Wonju Array Si 49.78 15 eP P 06 51 28.9 +0.2
KSAR Wonju Array Be 49.78 15 eP P 06 51 28.9 +0.2

KSRS Korea Array 49.80 15 eP P 06 51 28.9 +0.2
KS01 Wonju Array Si 49.82 15 eP P 06 51 29.0 +0.1

USRK Ussuriysk Arr 57.19 15 P P 06 52 22.4 -0.5
USRK Ussuriysk Arr 57.19 15 P P 06 52 22.4 -0.5

SONAO Songoing Array 58.77 354 eP P 06 52 33.9 -0.2
SONM Songoing Array 58.77 354 P P 06 52 33.9 -0.2

SOHNG Songoing Array 58.77 354 eP P 06 52 33.9 -0.2
SOHNG Songoing Array 58.77 354 eP P 06 52 33.9 -0.2

KSH	Kashi	61.41	304	P	P	07 04 39.9	+3.6
KSH				pP	sP	07 04 48.4	+1.0
KSH				SS	PP	07 06 56.1	+4.6
KSH				SS	SS	07 12 57.3	+1.4
KSH				pmax	pmax	07 17 00.1	+3.5
KSH	comp=Z,97nm,0.9s						
KSH	comp=Z,470nm,4.8s			pmax	pmax		
KSH	comp=Z,530nm,8.4s			LR	LR		
KSH	comp=Z,2um,13.5s			LR	LR		
KSH	comp=Z,2um,14.9s			LR	LR		
BMRM	Bremner River	61.42	31	eP	P	07 04 36.6	+0.8
RIDG	Independ' e Rid	61.69	28	eP	P	07 04 37.3	-0.2
RIDG	comp=Z,119nm,1.2s						
RIDG	comp=Z,124nm,1.0s			LR	LR		
FYU	Fort Yukon	62.00	25	eP	P	07 04 40.7	+1.2
FYU	comp=Z,3um,19.0s			LR	LR		
FYU	comp=Z,125nm,1.0s			LR	LR		
SCRK	Sand Creek	62.09	28	eP	P	07 04 40.2	-0.2
SCRK	comp=Z,2um,19.0s			LR	LR		
SCRK	comp=Z,112nm,1.0s			LR	LR		
FRU1	Bishkek	62.15	308	PFAKE	LR	07 04 50.0	+8.9
FRU1	FRU1						
FRU	Bishkek	62.16	308	eP	P	07 04 44.0	+2.9
FRU				e		07 05 19.0	
FRU				e		07 13 14.0	
FRU	comp=Z,80nm,1.6s			pmax	pmax		
FRU	comp=E,2um,16.0s			MLR	MLR		
TGL	Tana Glacier	62.26	32	eP	P	07 04 42.2	+0.8
TGL	comp=E,97nm,1.3s			LR	LR		
AAK	Ala-Archa	62.26	308	eP	P	07 04 41.7	-0.2
AAK	comp=Z,2um,19.0s			LR	LR		
AAK	comp=Z,42nm,1.4s			LR	LR		
AAK	Ala-Archa	62.26	308	P	P	07 04 46.6	+4.6
AAK	comp=Z,2um,18.0s			SNR=9.3			
AAK	Ala-Archa	62.26	308	P	P	07 04 46.6	+4.6
AAK	comp=Z,2um,18.0s			SNR=9.3			
AAK	Ala-Archa	62.26	308	iP	P	07 04 42.1	+0.1
AAK	comp=Z,2um,18.0s			SNR=9.3			
BALM	Baldy	62.52	31	eP	P	07 04 44.0	+0.7
BALM	comp=Z,32nm,1.3s						
BALM	Baldy	62.52	31	eP	P	07 04 44.0	+0.7
BALM	comp=Z,45nm,0.9s			pmax	pmax		
BRZS	Berezinski	63.10	316	eP	P	07 04 47.1	-0.2
BRZS	comp=Z,45nm,0.9s						
BRZS	comp=Z,5.1nm,1.3s			eS	S	07 13 17.0	+0.4
BRZS				LR	LR	07 33 58.3	
HYB	Hyderabad	63.22	279	iP	P	07 04 50.0	+1.5
EGAK	Eagle	63.41	27	eP	P	07 04 48.5	-0.5
EGAK	comp=Z,2um,15.8s			LR	LR		
EGAK	comp=Z,44nm,1.1s			LR	LR		
PCA	Pinnacle	63.48	33	eP	P	07 04 51.6	+2.0
PCA	comp=Z,3um,20.0s			LR	LR		
PCA	comp=Z,200nm,1.6s			LR	LR		
DAWY	Dawson	64.12	28	eP	P	07 04 54.2	+0.5
DAWY	comp=Z,2um,21.0s			LR	LR		
DAWY	comp=Z,65nm,1.0s			LR	LR		
DAWY	Dawson	64.12	28	eP	P	07 04 54.2	+0.5
DAWY	comp=Z,2um,21.0s			LR	LR		
DAWY	comp=Z,65nm,1.0s			LR	LR		
PALK	Pallekele	64.35	268	P	P	07 04 56.7	+0.7
PALK	comp=Z,1um,19.0s						
PALK	Pallekele	64.35	268	P	P	07 04 56.0	+0.2
PALK	comp=Z,142nm,0.9s						
NIL	Nilore	64.35	298	eP	P	07 04 56.0	+0.2
NIL	comp=Z,2um,18.0s			pmax	pmax		
NIL	comp=Z,142nm,0.9s			MLR	MLR		
NIL	comp=Z,2um,18.0s			MLR	MLR		
BVA0	Borovoye Array	64.42	320	iP	P	07 04 55.0	-0.8
BVA0	comp=Z,2um,18.0s			pmax	pmax		
BVA0	comp=Z,67nm,1.0s			LR	LR		
BVAR	Borovoye Array	64.42	320	LR	LR	07 35 51.9	
BVAR	comp=Z,2um,18.7s,baz=84,slow=39						
BRVK	Borovoye	64.48	320	eP	P	07 04 56.7	+0.5
BRVK	comp=Z,293nm,1.6s			LR	LR		
BRVK	Borovoye	64.48	320	P	P	07 04 57.0	+0.7
BRVK	comp=Z,3um,18.0s						
BRVK	SNR=43						
BRVK	Borovoye	64.48	320	P	P	07 04 57.0	+0.7
BRVK	comp=Z,3um,18.0s						
BRVK	SNR=43						
BRVK	Borovoye	64.48	320	eP	P	07 04 56.9	+0.7
BRVK	comp=Z,45nm,1.0s			pmax	pmax		
DHAK	Deception Hill	64.50	34	PFAKE	LR	07 05 10.0	+1.4
DHAK	comp=Z,2um,20.0s			LR	LR		
AJM	Ajmer	64.55	290	eP	P	07 04 53.2	-4.0
AJM	comp=Z,2um,20.0s			eP	P	07 04 57.7	+0.6
HYT	Haines Junctio	64.87	32	eP	P	07 04 59.9	+1.1
HYT	comp=Z,97nm,1.1s			LR	LR		
KK31	Karatay Array	65.13	309	eP	P	07 05 01.1	+0.4
KK31	comp=Z,3um,21.0s			iP	P	07 05 00.4	-0.3
KK31	Karatay Array	65.13	309	P	P	07 05 01.2	+0.5
KKAR	Karatay Array	65.13	309	eP	P	07 05 01.2	+0.5
KKAR	comp=Z,18nm,0.8s			pmax	pmax		
SKAG	Skagway	65.97	33	eP	P	07 05 07.1	+1.3
SKAG	comp=Z,103nm,1.5s						
WHY	Whitehorse	66.16	32	eP	P	07 05 08.1	+1.0
WHY	comp=Z,133nm,1.5s			LR	LR		
WHY	comp=Z,2um,19.0s			LR	LR		
BESE	Bessie Mountai	66.25	34	eP	P	07 05 08.8	+1.1
BESE	comp=Z,151nm,1.5s			LR	LR		
URZE	Urewera	66.33	154	PFAKE	LR	07 05 20.0	+1.2
URZE	comp=Z,2um,20.0s			LR	LR		
JIS	Juneau Island	66.52	35	eP	P	07 05 10.8	+1.6
JIS	comp=Z,3um,20.0s			LR	LR		
JIS	comp=Z,114nm,1.3s			LR	LR		
INK	Inuvik	66.66	24	eP	P	07 05 10.2	+0.3
INK	comp=Z,1um,20.0s			LR	LR		
INK	comp=Z,71nm,1.1s			LR	LR		
INK	Inuvik	66.66	24	eP	P	07 05 10.1	+0.1
INK	comp=Z,2um,19.0s						
BKZ	Black Stump Fm	66.86	155	eP	P	07 05 11.2	-0.4
BKZ	comp=Z,33nm,0.8s						
CRAC	Craig	67.42	38	PFAKE	LR	07 05 30.0	+1.5
CRAC	comp=Z,2um,20.0s			LR	LR		
KBL	Kabul	67.62	300	eP	P	07 05 17.5	+0.4
KBL	comp=Z,112nm,1.0s			LR	LR		
KBL	Kabul	67.62	300	eP	P	07 05 17.4	+0.4
KBL	comp=Z,400nm,20.0s						
DIB	Dawson Inlet	68.04	40	eP	P	07 05 19.6	+0.6
DIB	comp=Z,36nm,1.1s			LR	LR		
DIB	comp=Z,1um,19.0s			LR	LR		
BFZ	Birch Farm	68.06	156	PFAKE	LR	07 05 30.0	+1.1
BFZ	comp=Z,2um,19.0s			LR	LR		
LTZ	Lake Taylor	68.49	159	eP	P	07 05 22.1	+0.2
LTZ	comp=Z,42nm,0.9s						
DLBC	Dease Lake	68.79	34	eP	P	07 05 24.3	+0.6

DLBC	comp=Z,86nm,1.0s			LR	LR		
DLBC	comp=Z,2um,20.0s			LR	LR		
OXZ	Oxford	68.90	160	eP	P	07 05 24.8	+0.4
OXZ	comp=Z,49nm,0.8s						
RPZ	Rata Peaks	68.95	161	eP	P	07 05 24.6	-0.1
RPZ	comp=Z,92nm,1.0s						
SVE	Sverdlouf	69.67	324	eP	P	07 05 29.9	+0.8
SVE	comp=Z,62nm,1.3s			eS	pmax	07 14 35.5	-0.5
SVE							
SVE	comp=Z,62nm,1.3s			MLR	MLR		
SVE	comp=Z,2um,16.0s			MLR	MLR		
BBB	Bella Bella	70.82	41	eP	P	07 05 37.3	+1.1
BBB	comp=Z,59nm,1.3s			LR	LR		
BBB	comp=Z,2um,18.0s			LR	LR		
ARU	Arti	70.87	324	eP	P	07 05 36.3	-0.1
ARU	comp=Z,179nm,1.8s						
ARU	Arti	70.87	324	iP	P	07 05 36.5	+0.1
ARU	comp=Z,37nm,1.0s			SS	SS	07 14 50.8	+0.8
ARU				SS	SS	07 19 24.7	+2.5
ARU	comp=Z,37nm,1.0s			pmax	pmax		
ARU	comp=Z,2um,19.0s			MLR	MLR		
AB31	Akbulak array	71.40	316	iP	P	07 05 38.4	-1.4
AB31	comp=Z,10.0nm,0.6s			pmax	pmax		
AKTO	Aktuybinsk	72.38	318	LR	LR	07 39 46.9	
AKTO	comp=Z,1um,18.9s,baz=70,slow=38						
AKTO	Aktuybinsk	72.38	318	P	P	07 05 45.0	-0.7
AKTO	comp=Z,15nm,0.9s			pmax	pmax		
PPT2	Papeete2	74.19	117	eS	SKIKP	07 15 25.0	+1.8
PPT2	comp=Z,932nm,24.2s						
PPT2	Papeete2	74.19	117	eLR	LR	07 28 31.3	
PPT2	comp=Z,1um,20.2s,baz=283						
PGC	Sidney	74.51	43	eP	P	07 05 58.8	+0.6
PGC	comp=Z,25nm,0.9s						
NLWA	Neilton Lookou	74.57	45	eP	P	07 05 59.9	+1.3
NLWA	comp=Z,67nm,1.1s			LR	LR		
NLWA	comp=Z,2um,19.0s			LR	LR		
A04D	Lummi Island	74.97	43	P	P	07 06 02.4	+1.6
A04D	comp=Z,296,SNR=6.8						
LLLL	Lillooet	74.98	41	eP	P	07 06 01.9	+0.9
LLLL	comp=Z,68nm,1.2s			LR	LR		
LLLL	comp=Z,2um,20.0s			LR	LR		
E03A	Lebanon	74.99	46	eP	P	07 06 02.4	+1.3
E03A	comp=Z,62nm,0.9s			LR	LR		
E03A	comp=Z,2um,18.0s			LR	LR		
D03D	Eldon	75.04	45	P	P	07 06 03.0	+1.6
D03D	comp=Z,296,SNR=13						
YKWS	Yellowknife Ar	75.33	28	eP	P	07 06 03.1	+0.4
YKWS	comp=Z,53nm,1.3s						
D04D	Lakebay	75.34	45	P	P	07 06 04.6	+1.5
D04D	comp=Z,2um,19.0s						
YKA	Yellowknife Ar	75.36	28	eP	P	07 06 02.2	-0.6
YKA	comp=Z,15nm,0.8s,baz=292,slow=5.7,SNR=23			LR	LR	07 41 35.2	
YKA	comp=Z,203nm,18.8s,baz=284,slow=38						
YKBS	Yellowknife Ar	75.36	28	eP	P	07 06 02.5	-0.4
YKBS	comp=Z,4.7nm,0.8s,baz=352,slow=4.5,SNR=4.5						
GEYT	Alibeck	75.41	305	P	P	07 06 03.6	-0.1
GEYT	comp=Z,4.7nm,0.8s,baz=352,slow=4.5,SNR=4.5						
GEYT	comp=Z,422nm,18.2s,baz=250,slow=39			LR	LR	07 43 02.2	
GYA0B	ALIBECK ARRAY	75.41	305	eP	P	07 06 04.1	+0.4
GYA0B	comp=Z,57nm,1.4s			LR	LR		
I02D	Swisshome	75.46	48	P	P	07 06 03.6	-0.2
I02D	comp=Z,2um,18.0s						
I02D	baz=286						
B05A	Bryant	75.48	44	P	P	07 06 05.1	+1.3
B05A	comp=Z,2um,18.0s						
G03D	McMinnville, O	75.56	47	P	P	07 06 05.6	+1.2
G03D	comp=Z,296,SNR=7.8						
E04D	Cinebar	75.65	4				

SNOW	Snow King Moun	84.57	45	eP	P	07 06 53.3	-0.1
SNOW	comp=Z,2um,18.0s				LR	LR	
NEY	comp=Z,2um,18.0s	84.59	314	i P	P	07 06 55.0	+1.6
NEY	comp=Z,2um,18.0s				pmax	pmax	
LOHW	comp=Z,3.0nm,0.8s	84.61	45	eP	P	07 06 54.5	+0.9
LOHW	comp=Z,36nm,1.4s				LR	LR	
AHID	comp=Z,3um,18.0s	84.63	46	eP	P	07 06 53.6	-0.1
AHID	comp=Z,47nm,1.3s				LR	LR	
MONP2	comp=Z,2um,18.0s	84.64	57	P	P	07 06 53.4	-0.5
MONP2	baz=292,SNR=11						
VAF	comp=Z,2um,18.0s	84.67	337	P	P	07 06 53.9	+0.8
VAF	comp=Z,54nm,0.9s				pmax	pmax	
LDFC	comp=Z,57nm,1.1s	84.82	54	eP	P	07 06 54.0	-0.6
LDFC	comp=Z,1um,20.0s				LR	LR	
AKH	comp=Z,1um,20.0s	84.83	312	i/P	P	07 06 59.1	+4.4
AKH	comp=Z,136nm,1.7s	84.83	312	eP	P	07 06 55.7	+1.0
AKH	comp=Z,3um,18.0s				LR	LR	
AKH	comp=Z,136nm,1.7s				pmax	pmax	
AKH	comp=Z,3um,18.0s				MLR	MLR	
RLMT	comp=Z,2um,20.0s	84.84	43	eP	P	07 06 55.2	+0.5
RLMT	comp=Z,123nm,1.5s				LR	LR	
RLMT	comp=Z,2um,20.0s	84.84	43	P	P	07 06 55.5	+0.8
RLMT	baz=295,SNR=92						
IKP	comp=Z,2um,18.0s	84.97	57	P	P	07 06 55.4	0.0
IKP	baz=292,SNR=7.8						
TCUT	comp=Z,2um,18.0s	85.10	48	eP	P	07 06 55.9	-0.2
TCUT	comp=Z,24nm,0.8s				LR	LR	
BC3	comp=Z,3um,19.0s	85.10	56	P	P	07 06 56.0	-0.1
BC3	baz=293,SNR=20						
SWSC	comp=Z,2um,18.0s	85.10	57	P	P	07 06 55.9	0.0
SWSC	baz=292,SNR=6.2						
NLU	comp=Z,44nm,1.2s	85.11	49	eP	P	07 06 55.9	-0.2
NLU	comp=Z,55nm,1.3s						
IRM	comp=Z,2um,18.0s	85.14	55	P	P	07 06 56.2	0.0
IRM	baz=293,SNR=16						
CCUT	comp=Z,2um,18.0s	85.15	52	eP	P	07 06 56.9	+0.5
CCUT	comp=Z,57nm,1.3s						
JLU	comp=Z,2um,18.0s	85.28	48	eP	P	07 06 57.0	-0.1
JLU	comp=Z,69nm,1.3s				LR	LR	
SZCU	comp=Z,2um,20.0s	85.34	51	eP	P	07 06 57.7	+0.4
SZCU	comp=Z,26nm,1.1s				LR	LR	
SZCU	comp=Z,2um,19.0s				LR	LR	
TCRU	comp=Z,2um,18.0s	85.39	50	eP	P	07 06 57.6	0.0
TCRU	comp=Z,27nm,1.2s				LR	LR	
TCRU	comp=Z,4um,20.0s				LR	LR	
MPU	comp=Z,2um,18.0s	85.40	49	eP	P	07 06 58.3	+0.8
MPU	comp=Z,39nm,1.4s				LR	LR	
MPU	comp=Z,1um,20.0s				LR	LR	
LCMT	comp=Z,1um,20.0s	85.45	52	eP	P	07 06 58.5	+0.7
LCMT	comp=Z,55nm,1.4s				LR	LR	
LCMT	comp=Z,2um,20.0s				LR	LR	
MSU	comp=Z,2um,18.0s	85.62	50	eP	P	07 06 59.1	+0.4
MSU	comp=Z,50nm,1.5s	85.62	50	eP	P	07 06 59.3	+0.5
MSU	comp=Z,2um,18.0s	85.66	46	eP	P	07 06 58.0	-0.9
BW06	comp=Z,2um,18.0s				LR	LR	
BW06	comp=Z,2um,18.0s	85.66	46	P	P	07 06 58.7	-0.1
BW06	baz=295						
PV31	comp=Z,2um,20.0s	85.66	46	eP	P	07 06 58.9	+0.1
PV31	comp=Z,2um,20.0s	85.66	46	P	P	07 06 57.9	-1.0
PV31	comp=Z,3.4nm,0.6s,ba=182,slow=1.0,SNR=49				LR	LR	07 40 01.2
PDAR	comp=Z,1um,19.9s,ba=322,slow=32	85.73	54	eP	P	07 06 59.8	+0.4
PDAR	comp=Z,33nm,1.3s				LR	LR	
W13A	comp=Z,1um,18.0s				LR	LR	
W13A	comp=Z,1um,18.0s	85.76	52	eP	P	07 06 59.8	+0.3
W13A	comp=Z,110nm,1.4s				LR	LR	
KNB	comp=Z,2um,20.0s	85.76	52	eP	P	07 06 59.7	+0.3
KNB	comp=Z,65nm,1.5s	85.78	55	eP	P	07 06 59.7	+0.4
Y12C	comp=Z,2um,18.0s	85.78	55	P	P	07 06 59.4	+0.1
Y12C	comp=Z,2um,18.0s	85.78	55	P	P	07 06 59.4	+0.1
Y12C	baz=293,SNR=12						
MTPU	comp=Z,2um,18.0s	85.81	51	eP	P	07 06 59.8	-0.1
MTPU	comp=Z,21nm,1.3s				LR	LR	
MTPU	comp=Z,4um,18.0s				LR	LR	
GLA	comp=Z,34nm,1.1s	85.82	56	eP	P	07 07 00.5	+0.9
GLA	comp=Z,1um,18.0s				LR	LR	
GLA	comp=Z,1um,18.0s	85.82	56	eP	P	07 06 59.4	-0.2
GLA	comp=Z,1um,18.0s	85.85	333	pmax	pmax	07 06 58.8	-0.3
VSU	comp=Z,55nm,0.9s	85.85	55	P	P	07 06 59.9	+0.2
VSU	comp=Z,2um,18.0s	85.85	55	P	P	07 06 59.9	+0.2
VSU	baz=293,SNR=8.1						
PKCU	comp=Z,124nm,1.8s	85.96	51	eP	P	07 06 59.8	-0.8
PKCU	comp=Z,1um,18.0s				LR	LR	
PKCU	comp=Z,2um,20.0s	85.99	49	eP	P	07 07 00.8	+0.1
PKCU	comp=Z,24nm,1.0s				LR	LR	
TMUT	comp=Z,1um,20.0s	86.00	27	eP	P	07 07 00.4	+0.5
TMUT	comp=Z,53nm,1.0s				LR	LR	
FCC	comp=Z,1um,20.0s	86.00	27	eP	P	07 07 00.4	+0.5
FCC	comp=Z,53nm,1.0s				pmax	pmax	
FCC	comp=Z,53nm,1.0s				MLR	MLR	
SUMG	comp=Z,1um,20.0s	86.04	1	eP	P	07 07 01.6	+1.3
SUMG	comp=Z,133nm,1.0s	86.04	1	i/P	P	07 07 01.9	+1.6
SUMG	comp=Z,107nm,1.0s	86.04	1	eP	pmax	07 07 01.6	+1.3
SUMG	comp=Z,133nm,1.0s				pmax	pmax	
LAO	comp=Z,2um,20.0s	86.05	41	eP	P	07 07 00.7	+0.2
LAO	comp=Z,84nm,1.2s				LR	LR	
LAO	comp=Z,2um,20.0s	86.05	41	P	P	07 07 00.9	+0.4
LAO	comp=Z,2um,20.0s	86.25	49	eP	P	07 07 02.0	+0.3
P17A	comp=Z,75nm,1.4s				LR	LR	
P17A	comp=Z,1um,18.0s	86.39	52	eP	P	07 07 02.7	0.0
P17A	comp=Z,31nm,1.3s				LR	LR	
U15A	comp=Z,2um,20.0s	86.42	39	eP	P	07 07 01.9	-0.3
U15A	comp=Z,24nm,1.0s				LR	LR	
DGMT	comp=Z,2um,18.0s	86.42	39	P	P	07 07 02.2	-0.1
DGMT	comp=Z,2um,18.0s	86.53	49	eP	P	07 07 03.2	-0.1
DGMT	baz=299						
P18A	comp=Z,2um,20.0s	86.55	49	eP	P	07 07 03.0	-0.1
P18A	comp=Z,19nm,0.9s				LR	LR	
SRU	comp=Z,2um,20.0s	86.55	49	eP	P	07 07 03.0	-0.3
SRU	comp=Z,46nm,1.1s						

SRU	comp=Z,1um,19.0s	86.55	49	eP	P	07 07 03.0	-0.3
SRU	comp=Z,47nm,1.1s				pmax	pmax	
SRU	comp=Z,1um,19.0s	86.75	56	eP	P	07 07 04.9	+0.8
113A	comp=Z,24nm,1.2s	86.86	55	eP	P	07 07 04.7	-0.1
Y14A	comp=Z,2um,18.0s				LR	LR	
Y14A	comp=Z,2um,18.0s	87.33	317	eP	P	07 07 06.2	-0.5
ANN	comp=Z,34nm,0.8s				e	07 17 39.9	
ANN	comp=Z,43nm,1.2s				eSS	07 23 28.4	-1.0
ANN	comp=Z,34nm,0.8s	87.44	53	eP	P	07 07 07.1	-0.6
WUAZ	comp=Z,1um,20.0s	87.44	53	P	P	07 07 07.6	0.0
WUAZ	comp=Z,1um,20.0s	87.61	329	eP	P	07 07 08.0	+0.2
MICGM	comp=Z,2um,20.0s	87.61	329	eP	P	07 07 08.0	+0.2
MICGM	comp=Z,2um,20.0s	87.70	48	eP	P	07 07 08.9	+0.1
MINK	comp=Z,2um,20.0s	87.70	48	P	P	07 07 08.7	-0.2
O20A	comp=Z,2um,20.0s	87.70	48	P	P	07 07 09.0	+0.1
O20A	comp=Z,2um,20.0s	87.72	45	eP	P	07 07 08.7	-0.1
O20A	comp=Z,2um,20.0s	87.72	45	P	P	07 07 09.7	+0.3
O20A	comp=Z,2um,20.0s	87.81	57	P	P	07 07 09.8	+0.5
X16A	comp=Z,3um,19.0s	87.85	54	eP	P	07 07 10.1	+0.5
X16A	comp=Z,2um,20.0s	87.88	49	eP	P	07 07 09.8	0.0
PV21	comp=Z,2um,20.0s	87.88	49	eP	P	07 07 09.8	0.0
PV21	comp=Z,2um,20.0s	87.90	49	eP	P	07 07 10.2	-0.6
PV23	comp=Z,2um,20.0s	87.92	49	eP	P	07 07 10.2	+0.2
PV10	comp=Z,2um,20.0s	87.93	49	eP	P	07 07 09.7	-0.4
PV14	comp=Z,2um,20.0s	87.98	49	eP	P	07 07 10.1	-0.1
PV20	comp=Z,2um,20.0s	87.98	49	eP	P	07 07 10.0	-0.2
PV19	comp=Z,2um,20.0s	88.00	50	eP	P	07 07 10.2	-0.1
PV17	comp=Z,2um,20.0s	88.02	49	eP	P	07 07 09.5	-0.9
PV22	comp=Z,2um,20.0s	88.03	49	eP	P	07 07 10.5	0.0
PV22	comp=Z,2um,19.0s	88.03	49	eP	P	07 07 10.1	-0.4
PV16	comp=Z,2um,19.0s	88.06	50	eP	P	07 07 10.3	-0.3
PV18	comp=Z,2um,20.0s	88.07	49	eP	P	07 07 10.2	-0.4
PV11	comp=Z,2um,20.0s	88.11	49	eP	P	07 07 10.4	-0.5
PV03	comp=Z,2um,20.0s	88.11	49	eP	P	07 07 10.9	0.0
PV12	comp=Z,3um,22.0s	88.17	50	eP	P	07 07 10.3	-0.8
PV13	comp=Z,2um,20.0s	88.20	49	eP	P	07 07 10.6	-0.7
PV02	comp=Z,2um,20.0s	88.25	49	eP	P	07 07 11.5	-0.5
PV01	comp=Z,2um,20.0s	88.62	43	eP	P	07 07 13.2	+0.1
RSSD	comp=Z,2um,20.0s	88.62	43	eP	P	07 07 13.3	+0.1
RSSD	comp=Z,2um,20.0s	88.62	43	eP	pmax	07 07 13.3	+0.1
RSSD	comp=Z,54nm,1.8s				MLR	MLR	

Table with columns for station ID, name, coordinates, and forecast data. Includes stations like ANTO, TESR, BIZ, BURAR, etc.

Table with columns for station ID, name, coordinates, and forecast data. Includes stations like KSU1, KSU1, TX31, TXAR, etc.

Table with columns for station ID, name, coordinates, and forecast data. Includes stations like KHC, KHC, GEC2, GEC2, etc.

UALR	University of	101.26	46	PFAKE	07 08 20.0	+9.2
UALR	comp=Z,4j,20.0s			LR		
ITM	Ithomi	101.29	318	PFAKE	07 08 20.0	+9.1
ITM	comp=Z,800nm,19.0s			LR		
PBMO	Poplar Bluff	101.30	43	PFAKE	07 08 20.0	+9.1
PBMO	comp=Z,1j,20.0s			LR		
ECH	Echery	101.32	333	PFAKE	07 08 20.0	+9.2
ECH	comp=Z,800nm,18.0s			LR		
KVTX	Kingsville	101.32	54	PFAKE	07 08 20.0	+8.8
KVTX	comp=Z,1j,19.0s			LR		
NATX	Nacogdoches	101.41	49	PFAKE	07 08 20.0	+8.5
NATX	comp=Z,3j,18.0s			LR		
LNIG	Linares	101.47	57	PFAKE	07 08 20.0	+8.1
LNIG	comp=Z,1j,19.0s			LR		
SIUC	Southern Illin	101.48	42	PFAKE	07 08 20.0	+8.3
SIUC	comp=Z,2j,19.0s			LR		
OLIL	Olney	101.52	40	PFAKE	07 08 20.0	+8.2
OLIL	comp=Z,2j,19.0s			LR		
HKT	Hockley	101.57	51	PFAKE	07 08 20.0	+7.9
HKT	comp=Z,2j,19.0s			LR		
140A	Cam and Jess,	101.67	48	PFAKE	07 08 20.0	+7.4
140A	comp=Z,2j,20.0s			LR		
AAM	Ann Arbor	101.68	35	PFAKE	07 08 20.0	+7.5
AAM	comp=Z,1j,19.0s			LR		
TUE	Stuetta	101.71	331	PFAKE	07 08 20.0	+7.2
TUE	comp=Z,2j,18.0s			LR		
PARMO	Parma	101.80	43	PFAKE	07 08 20.0	+6.9
PARMO	comp=Z,1j,20.0s			LR		
Z41A	Richland Creek	101.84	47	PFAKE	07 08 20.0	+6.6
Z41A	comp=Z,2j,20.0s			LR		
240A	Hunter Patters	101.88	49	PFAKE	07 08 30.0	+1.6
240A	comp=Z,2j,19.0s			LR		
HBAR	Harrisburg	101.90	44	PFAKE	07 08 30.0	+1.6
HBAR	comp=Z,1j,20.0s			LR		
PVMO	Portageville	101.99	43	PFAKE	07 08 30.0	+1.6
PVMO	comp=Z,1j,18.0s			LR		
GNAR	Gosnell	102.06	43	PFAKE	07 08 30.0	+1.6
GNAR	comp=Z,1j,20.0s			LR		
CCAR	Cane Creek	102.15	46	PFAKE	07 08 30.0	+1.5
CCAR	comp=Z,3j,19.0s			LR		
BLO	Bloomington	102.17	39	PFAKE	07 08 30.0	+1.5
BLO	comp=Z,2j,22.0s			LR		
SADO	Sadowa	102.21	31	PFAKE	07 08 30.0	+1.5
SADO	comp=Z,2j,19.0s			LR		
T45A	Paducah	102.27	42	PFAKE	07 08 30.0	+1.5
T45A	comp=Z,2j,19.0s			LR		
USIN	University of	102.27	41	PFAKE	07 08 30.0	+1.5
USIN	comp=Z,2j,21.0s			LR		
GLAT	Glass	102.34	43	PFAKE	07 08 30.0	+1.4
GLAT	comp=Z,1j,20.0s			LR		
X43A	Marvell	102.38	45	PFAKE	07 08 30.0	+1.4
X43A	comp=Z,3j,20.0s			LR		
241A	Mo Tay, Goldon	102.47	48	PFAKE	07 08 30.0	+1.4
241A	comp=Z,2j,18.0s			LR		
HALT	Halls	102.53	43	PFAKE	07 08 30.0	+1.4
HALT	comp=Z,1j,21.0s			LR		
MOIG	Morelia	102.63	63	PFAKE	07 08 30.0	+1.3
MOIG	comp=Z,2j,18.0s			LR		
MET	Memphis-Engin	102.63	44	PFAKE	07 08 30.0	+1.3
MET	comp=Z,1j,20.0s			LR		
341A	Kurthwood	102.70	49	PFAKE	07 08 30.0	+1.3
341A	comp=Z,2j,20.0s			LR		
SEIN	Lac Senin/Sane	102.70	332	PFAKE	07 08 30.0	+1.3
SEIN	comp=Z,800nm,19.0s			LR		
AQU	L'Aquila	102.76	326	PFAKE	07 08 30.0	+1.3
AQU	comp=Z,1j,18.0s			LR		
WCI	Wyandotte Cave	102.93	40	PFAKE	07 08 30.0	+1.2
WCI	comp=Z,2j,20.0s			LR		
VLC	Villacollemand	102.96	329	PFAKE	07 08 30.0	+1.2
VLC	comp=Z,900nm,19.0s			LR		
PLVO	Plevna	102.98	30	PFAKE	07 08 30.0	+1.2
PLVO	comp=Z,18.0s			LR		
CUC	Castrouccio	103.10	323	PFAKE	07 08 30.0	+1.1
CUC	comp=Z,800nm,19.0s			LR		
TIP	Timpagrande	103.11	322	PFAKE	07 08 30.0	+1.1
TIP	comp=Z,900nm,18.0s			LR		
143A	Socs Landing,	103.12	47	PFAKE	07 08 30.0	+1.1
143A	comp=Z,2j,21.0s			LR		
T47A	Sharon Grove	103.24	41	PFAKE	07 08 30.0	+1.0
T47A	comp=Z,2j,19.0s			LR		
342A	Flagon Creek P	103.26	48	PFAKE	07 08 30.0	+1.0
342A	comp=Z,2j,19.0s			LR		
WVT	Waverly	103.34	42	PFAKE	07 08 30.0	+1.0
WVT	comp=Z,2j,19.0s			LR		
ACSO	Alum Creek Sta	103.48	36	PFAKE	07 08 30.0	+0.9
ACSO	comp=Z,2j,19.0s			LR		
ERPA	Erie	103.73	33	PFAKE	07 08 30.0	+0.8
ERPA	comp=Z,1j,18.0s			LR		
Z45A	Winona	103.86	45	PFAKE	07 08 30.0	+0.7
Z45A	comp=Z,4j,20.0s			LR		
ALLY	Alegheny Colle	103.99	34	PFAKE	07 08 30.0	+0.7
ALLY	comp=Z,2j,20.0s			LR		
BNI	Bardonecchia	104.00	332	PFAKE	07 08 30.0	+0.7
BNI	comp=Z,1j,20.0s			LR		
VBMS	Vicksburg	104.01	47	PFAKE	07 08 30.0	+0.7
VBMS	comp=Z,2j,20.0s			LR		
T49A	Edmonton	104.12	40	PFAKE	07 08 30.0	+0.6
T49A	comp=Z,2j,20.0s			LR		
V48A	Smith Brothers	104.22	42	PFAKE	07 08 40.0	+1.6
V48A	comp=Z,2j,19.0s			LR		
CEL	Celeste	104.23	322	PFAKE	07 08 40.0	+1.6
CEL	comp=Z,500nm,19.0s			LR		
344A	Westbrook Farm	104.32	47	PFAKE	07 08 40.0	+1.6
344A	comp=Z,2j,18.0s			LR		
MMNY	Mt. Morris Dam	104.33	32	PFAKE	07 08 40.0	+1.6
MMNY	comp=Z,2j,20.0s			LR		
543A	St. Martinvil	104.34	49	PFAKE	07 08 40.0	+1.5
543A	comp=Z,2j,19.0s			LR		
M54A	Oil Creek Stat	104.34	34	PFAKE	07 08 40.0	+1.6
M54A	comp=Z,2j,18.0s			LR		

LONY	Lake Ozonia	104.44	29	PFAKE	07 08 40.0	+1.5
LONY	comp=Z,1j,19.0s			LR		
UNM	Universidad Na	104.46	62	PFAKE	07 08 40.0	+1.4
UNM	comp=Z,2j,19.0s			LR		
N54A	Moraine State	104.57	34	PFAKE	07 08 40.0	+1.5
N54A	comp=Z,2j,19.0s			LR		
FRNY	Flat Rock	104.71	28	PFAKE	07 08 40.0	+1.4
FRNY	comp=Z,1j,20.0s			LR		
146A	Union	104.73	46	PFAKE	07 08 40.0	+1.4
146A	comp=Z,3j,20.0s			LR		
SSB	Saint Sauveur	104.75	333	PFAKE	07 08 40.0	+1.4
SSB	comp=Z,1j,18.0s			LR		
X48A	Hartselle	104.91	43	PFAKE	07 08 40.0	+1.3
X48A	comp=Z,900nm,20.0s			LR		
SS1A	Beattyville	104.91	39	PFAKE	07 08 40.0	+1.3
SS1A	comp=Z,2j,20.0s			LR		
NCB	Newcomb	105.11	29	PFAKE	07 12 50.0	
NCB	comp=Z,800nm,20.0s			LR		
SWET	Sewanee	105.11	42	PFAKE	07 12 50.0	
SWET	comp=Z,2j,19.0s			LR		
346A	Big Creek Wild	105.22	47	PFAKE	07 12 50.0	
346A	comp=Z,2j,20.0s			LR		
545A	Edgard	105.32	49	PFAKE	07 12 50.0	
545A	comp=Z,2j,18.0s			LR		
W50A	Signal Mountai	105.51	42	PFAKE	07 12 50.0	
W50A	comp=Z,2j,19.0s			LR		
MCWV	Mont Chateau	105.59	35	PFAKE	07 12 50.0	
MCWV	comp=Z,1j,19.0s			LR		
BATG	Bathurst New B	105.65	22	PFAKE	07 12 50.0	
BATG	comp=Z,2j,20.0s			LR		
BINY	Binghamton	105.66	31	PFAKE	07 12 50.0	
BINY	comp=Z,1j,18.0s			LR		
TZTN	Tazewell	105.68	39	PFAKE	07 13 00.0	
TZTN	comp=Z,1j,20.0s			LR		
Y49A	Blount Mountai	105.69	43	PFAKE	07 13 00.0	
Y49A	comp=Z,1j,18.0s			LR		
V51A	Loudon	105.69	41	PFAKE	07 13 00.0	
V51A	comp=Z,2j,20.0s			LR		
O56A	Blue Knob Stat	105.82	34	PFAKE	07 13 00.0	
O56A	comp=Z,1j,18.0s			LR		
TLIG	Tiapa	105.82	63	PFAKE	07 13 00.0	
TLIG	comp=Z,2j,19.0s			LR		
CPCT	Cooper Cave	105.83	41	PFAKE	07 13 00.0	
CPCT	comp=Z,2j,20.0s			LR		
LRAL	Lakeview Retre	105.84	44	PFAKE	07 13 00.0	
LRAL	comp=Z,1j,22.0s			LR		
SSPA	Standing Stone	105.89	33	PFAKE	07 13 00.0	
SSPA	comp=Z,2j,19.0s			LR		
LBNH	Lisbon	105.90	27	PFAKE	07 13 00.0	
LBNH	comp=Z,900nm,20.0s			LR		
V52A	Sevierville	106.12	40	PFAKE	07 13 00.0	
V52A	comp=Z,2j,20.0s			LR		
447A	Lucedale	106.13	47	PFAKE	07 13 00.0	
447A	comp=Z,2j,20.0s			LR		
TKL	Tuckaleechee C	106.14	40	PFAKE	07 13 00.0	
TKL	comp=Z,2j,19.0s			LR		
PKME	Peaks-Kenny Pk	106.15	25	PFAKE	07 13 00.0	
PKME	comp=Z,1j,20.0s			LR		
X51A	Calhoun	106.20	42	PFAKE	07 13 00.0	
X51A	comp=Z,2j,19.0s			LR		
CLTB	Catbellootta	106.23	323	PFAKE	07 13 00.0	
CLTB	comp=Z,1j,19.0s			LR		
348A	Jackson	106.26	46	PFAKE	07 13 00.0	
348A	comp=Z,2j,18.0s			LR		
Z50A	Ashland	106.39	43	PFAKE	07 13 00.0	
Z50A	comp=Z,1j,20.0s			LR		
W52A	Murphy	106.43	41	PFAKE	07 13 00.0	
W52A	comp=Z,2j,20.0s			LR		
LVIG	Laguna Verde	106.51	61	PFAKE	07 13 00.0	
LVIG	comp=Z,2j,18.0s			LR		
V53A	Saluda	106.71	40	PFAKE	07 13 00.0	
V53A	comp=Z,2j,20.0s			LR		
N59A	State Game Lan	106.74	32	PFAKE	07 13 00.0	
N59A	comp=Z,2j,19.0s			LR		
PAGS	Pennsylvania G	106.79	33	PFAKE	07 13 00.0	
PAGS	comp=Z,18.0s			LR		
BRAL	Brewton	106.98	46	PFAKE	07 13 00.0	
BRAL	comp=Z,2j,19.0s			LR		
250A	Grady	106.98	45	PFAKE	07 13 00.0	
250A	comp=Z,3j,20.0s			LR		
BLA	Blacksburg	107.02	37	PFAKE	07 13 00.0	
BLA	comp=Z,2j,20.0s			LR		
BG3	Lake Jocassee	107.10	40	PFAKE	07 13 00.0	
BG3	comp=Z,2j,20.0s			LR		
MAW	Mawson	107.14	203	PP	07 12 54.3	-8.7
MAW	comp=Z,0.8nm,0.5s,baz=12,slow=7.0,SNR=3.6			PP		
MAW	Mawson	107.14	203	PP	07 12 54.3	-8.7
MAW	comp=Z,200nm,19.0s			PP		
Y52A	Lilburn	107.16	42	PFAKE	07 13 00.0	
Y52A	comp=Z,2j,19.0s			LR		
ODNJ	Ogdensburg	107.18	31	PFAKE	07 13 00.0	
ODNJ	comp=Z,1j,20.0s			LR		
LMN	Caledonia Moun	107.31	22	PFAKE	07 13 00.0	
LMN	comp=Z,2j,19.0s			LR		
SDMD	Soldier's Deli	107.34	33	PFAKE	07 13 00.0	
SDMD	comp=Z,600nm,19.0s			LR		

KMBO	Kilima Mbogo	58.69 265	eP	P	07 27 51.4	+1.1
KBZ	Khabaz	59.01 318	P	P	07 27 50.2	-1.4
EIDS	Eidsvold	62.52 123	eP	P	07 28 15.9	0.0
NR1K	Noril'sk	62.93 357	P	P	07 28 16.4	-1.0
BR113	Keakin Array S	64.35 311	eP	P	07 28 25.4	-2.1
BRTR	Keakin Array B	64.35 311	eP	P	07 28 25.2	-2.2
ARMA	Armidale	65.04 128	eP	P	07 28 33.9	+2.0
MBAR	Mbarara	65.07 266	eP	P	07 28 33.7	+1.1
CAN	Canberra	65.24 134	eP	P	07 28 33.6	+0.5
TIXI	Tiksi	66.25 11	eP	P	07 28 49.9	-1.5
TIXI	Tiksi	66.25 11	eP	P	07 28 50.6	-0.7
TIRR	Tirgu	69.18 315	eP	P	07 28 56.3	-1.3
AKASG	Malin Array Be	70.06 322	P	P	07 29 00.6	-2.2
LSZ	Lusaka	70.17 251	eP	P	07 29 04.5	+0.3
VR1	Vriniclacia	70.62 316	fP	P	07 29 05.6	-0.8
PLOR	Plostina	70.67 316	fP	P	07 29 05.8	-0.9
TESR	Tescani	70.80 317	fP	P	07 29 05.9	-1.5
MLR	Muntele Rosu	71.09 316	fP	P	07 29 08.4	-0.9
BURAR	Bucovina Array	71.97 318	fP	P	07 29 13.9	-0.5
BUR0A	Bucovina Array	71.97 318	fP	P	07 29 13.5	-1.0
LIT	Litokhoron	72.86 310	eP	P	07 29 17.8	-2.0
CASY	Casey	73.46 174	eP	P	07 29 23.7	+1.1
DRGS	Driggs	73.52 317	fP	P	07 29 22.9	-0.7
BZB	Buzias	74.12 315	fP	P	07 29 25.7	-1.2
FIA1	FINESSE Array S	74.53 332	eP	P	07 29 28.5	-0.5
FINES	FINESSE Array B	74.53 332	eP	P	07 29 27.6	-1.4
FINES	FINES	74.86 242	eP	P	07 29 32.5	+0.8
LBTB	Lobatsze	76.09 239	P	P	07 29 38.7	+0.1
BOSA	Boshof	76.09 239	P	P	07 29 39.1	+0.5
BOSA	Boshof	76.09 239	eP	P	07 29 38.4	-1.1
VYHS	Vyhynia	76.33 318	eP	P	07 29 41.2	-1.5
ARCES	ARCESS Array B	76.98 340	P	P	07 29 41.9	-0.7
ARCES	ARCESS Array B	76.98 340	eP	P	07 29 47.2	+1.6
MAW	Mawson	77.54 192	eP	P	07 29 47.5	+1.9
MAW	Mawson	77.54 192	eP	P	07 29 58.3	+0.0
GERAS	GERESS Array S	79.74 318	eP	P	07 29 57.5	-0.8
GERES	GERESS Array B	79.74 318	eP	P	07 30 56.1	-0.6
GERES	GERES	80.27 321	eP	P	07 29 59.9	-1.0
CLL	Collim	80.27 321	eP	P	07 30 58.0	-1.4
CLL	Collim	80.27 321	eP	P	07 30 58.0	-1.4
SUR	Sutherland	80.75 236	eP	P	07 30 05.5	+1.4
TSUM	Tsumeb	80.88 249	eP	P	07 30 06.0	+1.1
SPA0	Spitsbergen Ar	81.41 348	eP	P	07 30 06.4	-0.1
NOA	NORSAR Array B	81.57 331	pP	P	07 31 05.8	-0.5
KEST	Kesra	85.67 309	eP	P	07 30 15.6	-0.8
SYO	Syowa Base	84.57 197	fP	P	07 30 23.6	+1.0
SYO	Syowa Base	84.57 197	fP	P	07 30 25.4	-0.2
VNDA	Vanda	91.36 169	eP	P	07 30 55.4	+0.6
VNDA	Vanda	91.36 169	eP	P	07 30 56.6	+1.8
TOA0	Torodi Ar. Sit	92.27 283	eP	P	07 31 00.3	-0.1
TORD	Torodi Ar. Bea	92.27 283	eP	P	07 31 00.1	-0.3
IM3	Indian Mountai	92.31 23	eP	P	07 30 59.7	+0.2
TOLK	Toolik Lake Re	92.37 19	eP	P	07 31 02.0	+0.5
ES19	SONSECA Array	93.09 310	eP	P	07 31 03.2	-0.5
ESDC	Sonsecra Array	93.14 310	eP	P	07 31 03.3	-0.7
CAST	Castle Rocks	93.95 25	eP	P	07 31 08.2	+1.1
BPAW	Bear Paw Mtn.	94.12 24	eP	P	07 31 08.0	+0.1
ILAR	Eielson Array	95.23 22	P	P	07 31 12.2	-1.6
K05A	Summer Lake	120.82 31	ePKP	P	07 36 41.1	+0.8
DLMT	Dillon	122.49 23	ePKP	P	07 36 43.8	-0.2
ULM	Lac du Bonnet	122.57 9	PKP	P	07 36 42.5	-1.3
ULM	Lac du Bonnet	122.57 9	PKP	P	07 36 42.8	-1.0
BOZ	Bozeman (W)	122.67 22	ePKP	P	07 36 44.0	-0.3
NVAR	Minna Array Be	125.30 32	PKP	P	07 36 49.0	-0.7
PDAR	Pinedale Array	125.26 32	PKP	P	07 36 49.8	-0.8
TXAR	Lajitas Array	139.81 26	PKP	P	07 37 09.2	0.0
TXAR	Lajitas Array	139.81 26	PKP	P	07 37 17.0	0.0
TXAR	Lajitas Array	139.81 26	PKP	P	07 38 16.8	-3.2
TXAR	Lajitas Array	139.81 26	PKP	P	07 38 42.0	-1.2
TRQA	Torquai	142.51 210	PKP	P	07 37 17.7	0.0
BDFB	Brasilia	143.18 253	PKP	P	07 37 20.8	-0.2
BDFB	Brasilia	143.18 253	PKP	P	07 37 21.2	+0.1
PLCA	Paso Flores	143.77 198	PKP	P	07 37 22.1	+0.2
PLCA	Paso Flores	143.77 198	PKP	P	07 40 38.5	-0.4
G006	Carurahuwe	145.10 198	ePKP	P	07 37 26.0	-0.1
CPUP	Villa Florida	147.53 230	PKP	P	07 37 32.9	-0.4
MTP	Monte Pirata	149.22 323	ePKP	P	07 37 36.6	-1.2
G005	Hualae0	149.42 200	ePKP	P	07 37 37.8	-0.2
OBIP	Obispo Ponce	149.88 324	ePKP	P	07 37 38.0	-1.4
PEL	Pelidue	150.61 204	ePKP	P	07 37 40.9	-0.0
ROCI	El Roto	150.89 204	ePKP	P	07 37 41.8	0.0
PTGA	Pitinga	154.91 282	PKP	P	07 38 06.9	-0.3
SIV	San Ignacio	155.26 246	PKP	P	07 38 08.9	+0.2
LVC	Limon Verde	158.11 242	ePKP	P	07 38 22.5	+1.4
SAMI	Samuel	160.80 252	ePKP	P	07 38 23.4	+0.4
PB01	IPOC Station P	159.57 224	ePKP	P	07 38 28.1	+1.0
LPZA	La Paz	161.33 237	PKP	P	07 38 35.7	+0.1

CNP	Catarman	2.77 312	eP	Pn	07 25 04.6	-0.8
CNP	CNP	2.77 312	eP	Pn	07 25 06.2	-2.3
LLP	Lapu-Lapu	2.77 264	eP	Pn	07 25 05.6	+0.2
LLP	LLP	2.77 264	eP	Pn	07 25 09.1	+0.6
BUPK	Musuan	3.22 212	eP	Pb	07 25 16.0	-2.5
BUPK	Musuan	3.22 212	eP	Pb	07 25 15.1	-2.4
RCP	Roxas	4.05 283	fP	Pn	07 25 24.5	+1.6
RCP	Roxas	4.05 283	fP	Pn	07 26 11.1	+1.1
LUWI	Luwuk	12.27 199	eP	Pn	07 27 22.2	+6.4
YULB	Yu-Ii	13.27 338	eP	Pn	07 27 38.6	+3.1
JOW	Kunigami	16.17 5	eP	Pn	07 28 12.7	+1.4
SOEI	Soe	20.42 187	eP	Pn	07 29 02.2	+1.8
MTN	Mountain Dam	23.73 169	eP	P	07 29 34.4	+1.2
INCN	Inchon	26.73 360	eP	P	07 30 00.3	-0.1
CMAR	Chiang Mai Arr	28.00 289	P	P	07 30 10.6	-1.4
FITZ	Fitzroy Crossi	28.58 182	P	P	07 30 16.9	-0.1
WRAB	Tennant Creek	31.29 166	eP	P	07 30 43.9	+2.9
WR1	Warrawang Arr	31.29 166	eP	P	07 30 40.0	-1.1
WRA	Warramunga Arr	31.29 166	eP	P	07 30 40.0	-1.1
ASAR	Alice Springs	34.80 168	P	P	07 31 11.8	0.0
ASAR	Alice Springs	34.80 168	P	P	07 33 45.4	+0.3
KLR	Kul'dur	38.69 5	P	P	07 31 44.3	-0.2
FORT	Korostat	41.20 178	eP	P	07 32 06.0	+0.4
BB00	Buckleboe	44.11 169	eP	P	07 32 30.1	+0.9
STKA	Stephens Creek	44.60 162	P	P	07 32 33.4	+0.3
STKA	Stephens Creek	44.60 162	P	P	07 32 33.9	+0.8
PETK	Petrovskovsk	49.10 24	P	P	07 33 09.3	+1.2
PEA1	Petrovskovsk	49.10 24	eP	P	07 33 09.3	+1.1
MK01	Makanchi Array	52.01 322	eP	P	07 33 31.6	+1.3
MK31	Makanchi Array	52.03 322	eP	P	07 33 31.7	+1.1
MK32	Makanchi Array	52.03 322	eP	P	07 33 31.6	+1.1
MKAR	Makanchi Array	52.03 322	eP	P	07 33 31.6	+1.1
MKAR	Makanchi Array	52.03 322	eP	P	07 33 31.6	+1.1
MAK2	Makanchi	52.23 322	eP	P	07 33 33.1	+1.2
ZALV	Zalesovo Beam	54.54 331	P	P	07 33 49.6	+1.0
ZALV	Zalesovo Beam	54.54 331	P	P	07 33 50.1	+1.4
ZAA1	Zalesovo Array	54.54 331	eP	P	07 34 08.5	+0.9
KURK	Kurkratov	56.04 325	eP	P	07 34 00.2	+0.6
KURB	Kurchatov Arr	56.05 325	P	P	07 34 02.0	+0.6
BVAR	Borovyoye Array	61.64 325	P	P	07 34 39.4	+0.9
ABKAR	Abkutak array	66.92 919	eP	P	07 35 13.3	+0.1
AKTO	Aktubinsk	68.35 320	P	P	07 35 22.3	+0.1
MWH	Moku'aweo	74.97 73	eP	P	07 36 01.4	-1.9
HMH	Humu'ua Sheep	75.06 72	eP	P	07 36 02.4	-1.2
CASY	Casey	77.64 187	eP	P	07 36 17.8	+1.1
ARA0	ARCESS Array S	84.02 340	eP	P	07 36 51.7	+0.7
ARCES	ARCESS Array B	84.02 340	eP	P	07 36 51.7	+0.7
BR101	Keakin Array S	85.67 309	eP	P	07 36 59.5	-0.6
BRTR	Keakin Array B	85.67 309	eP	P	07 36 59.5	-0.6
FIA1	FINESSE Array S	85.80 332	eP	P	07 36 59.9	-0.1
FIA0	FINESSE Array B	85.80 332	eP	P	07 37 00.0	0.0
FINES	FINESSE Array B	85.80 332	eP	P	07 37 00.0	0.0
BUR0A	Bucovina Ar. S	89.89 318	eP	P	07 37 20.3	+0.2
MAW	Mawson	90.21 200	eP	P	07 37 21.1	+0.2
MAW	Mawson	90.21 200	eP	P	07 37 21.6	+0.8
VNDA	Vanda	92.23 173	P	P	07 37 21.5	+0.7
RGN	Rugen	94.52 328	eP	P	07 37 40.2	-0.9
GLK	Glacier Lake	96.73 40	eP	P	07 37 49.2	-2.5
TORD	Torodi Ar. Bea	120.58 292	PKP	P	07 43 13.1	-0.5
TOA1	Torodi Ar. Sit	120.58 292	ePKP	P	07 43 13.1	-0.5
SHEL	Horse Pasture	133.56 258	ePKP	P	07 43 35.4	-2.9
PLCA	Paso Flores	146.35 156	ePKP	P	07 44 03.1	+0.3
PLCA	Paso Flores	146.35 156	ePKP	P	07 44 09.1	-0.1
MTPA	Monte Pirata	148.96 23	ePKP	P	07 44 09.1	-0.6
TRQA	Torquai	151.60 165	ePKP	P	07 44 15.9	+0.3

ADK	Adak	7.41 261	P	Pn	07 27 26.6	+1.1
OHAK	Old Harbor	7.56 56	eP	Pn	07 27 31.5	-1.1
KDAK	Kodiak Island	8.08 54	eP	Pn	07 27 29.9	-0.7
KDAK	Kodiak Island	8.08 54	eP	Pn	07 27 29.9	-0.7
KDAK	Kodiak Island	8.08 54	eP	Pn	07 38 57.3	-4.3
KDDK	Kodiak Island	8.08 54	eP	Pn	07 37 30.6	0.0
KDCK	Cape Douglas	8.19 45	P	P	07 37 34.9	+2.6
SVW2	Sparrvehov	9.02 30	eP	Pn	07 37 47.0	+3.5
CHY	China Foot	13.15 37	eP	Pn	07 37 52.0	+1.2
BRLK	Denby Lake	9.83 45	eP	Pn	07 37 57.3	+2.6
AMKA	Amchitka	9.95 264	P	P	07 37 57.1	+0.9
AUKA	Susitna One	10.90 38	eP	Pn	07 38 10.2	+0.8
SKT	Skwentna	10.97 35	eP	Pn	07 38 09.3	-1.0
RC01	Rabbi Creek A	11.05 41	eP	Pn	07 38 11.9	+0.6
RC02	Rabbi Creek B	11.43 30	eP	Pn	07 38 11.9	+0.6
PMR	Palmyra	11.59 40	eP	Pn	07 38 20.7	+2.1
GHO	Glory Hole Cre	11.78 40	eP	Pn	07 38 24.6	+3.3
CAST	Castle Rocks	11.86 29	eP	Pn	07 38 25.4	+3.0
GLI	Glacier Island	12.03 46	eP	Pn	07 38 24.5	-0.1
SML	Sawmill	12.03 40	eP	Pn	07 38 25.9	+1.2
FID	Port Fidalgo	12.23 47	eP	Pn	07 38 26.0	-1.4
TRF	Trofors Moun	12.42 32	eP	Pn	07 38 33.3	+3.1
SCM	Sheep Creek Mo	12.43 41	eP	Pn	07 38 29.5	-0.7
EYAK	Cordova Ski Ar	12.46 48	eP	Pn	07 38 30.5	0.0
BLW	Bear Paw Mtn.	12.70 29	eP	Pn	07 38 36.2	+2.4
DLV	Divide	12.71 46	eP	Pn	07 38 34.7	+0.6
KLU	Kluks	12.82 31	eP	P		

8d 7h

Table with columns: Code, Station Name, Az, El, P, Az, El, P, Az, El, P. Rows include stations like Paradox Valley, Wupatki, Wickenburg, etc.

2012 SEP

Table with columns: Code, Station Name, Az, El, P, Az, El, P, Az, El, P. Rows include stations like Hartsettle, 146A, 247A, etc.

520

Table with columns: Code, Station Name, Az, El, P, Az, El, P, Az, El, P. Rows include stations like GIRL, MNAI, FITZ, etc.

IDD 08 07:36:34.4, 0.1833x, 113.98E, h0km, mb4.3/24, mb1 4.4/27, mb1mx4.3/57, mbtmp4.3/27, ML4.7/4, MS3.8/2, Ms1 3.8/2, ms1mx3.2/44, Error ellipse: s-maj=17.7km, s-min=10.6km az=60.0
ISCJB 08 07:36:35.0, 1.2, 10.91Si, 0.02:113.91E:0.03, h15km, 8km, mb4.5/36, MS3.6/1, Error ellipse: s-maj=4.8km
NEIC 08 07:36:37.6, 1.8, 10.80S, 113.98E, h19km, 10km, mb4.5/13, Error ellipse: s-maj=7.4km, s-min=4.0km az=220.0
DJA 08 07:36:39.2, 0.3, 1.7, 15.2, 11.4E, h45km, 10km, M4.8/24, ISC 08 07:36:34.4, 3, 10.90S, 0.05:113.98E:0.05, h1km, 21km, n147, s123/154, mb4.5/36, 1C-ID, South of Java

Table with columns: Code, Station Name, Az, El, P, PKP, Res. Includes stations like SSSA Standing Stone, PLNL Pickwick Lake, etc.

WEL 08 07:39:56.0±0.8, 33°S 167°17'W, h=120km, 35km
ISC/JB 08 07:39:58.9±0.2, 32°39'S 167°17'W, h=133km, mb=4.0/6, Error ellipse: s-maj=7.2km s-min=2.5km

NEIC 08 07:39:58.5±0.2, 33°13'S 178°8'W, h=28km, 14km, mb5.0/28, Error ellipse: s-maj=8.9km s-min=7.2km az=108.0
IDC 08 07:40:13.2±5.5, 32°33'S 179°19'W, h=144km, 46km, mb4.3/16, mb 1.4/17, mb1mx4.2/33, mbtmp4.7/17, MS4.0/6, Ms1 4.0/6, ms1mx3.6/37, Error ellipse: s-maj=21.8km s-min=13.2km az=67.0

ISC 08 07:40:01.0±0.3, 32.988±0.05:178.77W±0.07, h45km, islands, s173/247, mb5.0/36, 1C-1D, South of Kermadec

Table with columns: Code, Station Name, Az, El, P, PKP, Res. Includes stations like GLKZ Green Lake, RAO Raoul Island, etc.

URZ 22nm, 0.3s, baz=284, slow=2.8, SNR=7.5

URZ 21nm, 0.3s, baz=250, slow=2.3, SNR=8.3

URZ comp=Z, 772nm, 19.5s, baz=30, slow=37

Table with columns: Code, Station Name, Az, El, P, PKP, Res. Includes stations like URZ Urewera, EDJR Edgecumbe, etc.

LBZ 1.8nm, 0.3s, baz=140, slow=14, SNR=7.9

ODZ 0.2nm, 0.3s, baz=111, slow=15, SNR=7.9

DZM comp=Z, 993nm, 19.2s, baz=119, slow=31

RAR comp=Z, 386nm, 19.6s, baz=278, slow=36

EIDS 1.1nm, 0.7s, baz=273, slow=27, SNR=4.2

HNR 10nm, 0.5s, baz=158, slow=5.4, SNR=3.8

STKA 2.7nm, 0.7s, baz=108, slow=11, SNR=3.0

CTA0 comp=Z, 375nm, 18.6s, baz=153, slow=34

CTA0 Charters Tower 33.66 284 P

BBOO 15nm, 1.1s, baz=37.71 258 P

PMG Port Moresby 39.20 299 P

Table with columns: Code, Station Name, Az, El, P, PKP, Res. Includes stations like PMG Port Moresby, COEN Coen, etc.

ASOI 1.6nm, 0.7s, baz=111, slow=7.5, SNR=6.7

ASOI 4.2nm, 0.7s, baz=95, slow=1.6, SNR=4.9

WRAB 0.3nm, 0.6s, baz=123, slow=5.0, SNR=4.6

WR1 0.4nm, 0.5s, baz=114, slow=7.9, SNR=5.5

FOR 4.0nm, 0.8s, baz=123, slow=5.1, SNR=5.1

SBA 6.8nm, 1.0s, baz=8.11 0.8 P

JAY 23nm, 0.8s, baz=160, slow=1.9, SNR=5.6

MTN 1.2nm, 0.7s, baz=135, slow=6.7, SNR=2.2

FITZ 1.3nm, 0.8s, baz=135, slow=6.7, SNR=2.2

CASY 4.5nm, 0.6s, baz=123, slow=5.0, SNR=4.6

MBWA 5.8nm, 0.4s, baz=258, slow=19, SNR=3.8

SIJU 2.3nm, 0.29nm, 20.4s, baz=163, slow=36

MLH 4.6nm, 0.9s, baz=56.26 26 P

HMH 1.5nm, 1.2s, baz=57.12 280 P

SOEI 32nm, 0.9s, baz=57.12 280 P

SQEI 5.7nm, 1.0s, baz=141, slow=1.6, SNR=3.3

SAO 1.2nm, 1.0s, baz=69.62 201 P

MYO 7.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

SYO 4.1nm, 1.0s, baz=8.11 0.8 P

SNA 1.6nm, 1.0s, baz=234, slow=14, SNR=2.4

KSRS 1.4nm, 0.8s, baz=150, slow=6.8, SNR=5.5

KS15 1.4nm, 0.8s, baz=150, slow=6.8, SNR=5.5

KSAR 1.4nm, 0.8s, baz=150, slow=6.8, SNR=5.5

CYBM 1.4nm, 0.8s, baz=150, slow=6.8, SNR=5.5

BFSC 1.4nm, 0.8s, baz=150, slow=6.8, SNR=5.5

PETK 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

PEA1 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

FRD 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

EDW2 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

YES 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

PFO 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

ISA 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

ISA 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

LRMC 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

USRK 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

BELC 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

BC3 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

O02D 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

HEC 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

GSC 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

G2C 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

MPMC 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

IRM 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

Y12C 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

O07D 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

N02D 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

SHOC 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

G2C 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

MAOC 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

PNTR 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

NV01 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

CHVR 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

TPNV 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

TPNV 2.4nm, 0.7s, baz=152, slow=4.2, SNR=1.1

Table with columns: Code, Station Name, Az, El, P, PKP, Res. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

ZAA1 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

KURK 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

LSZ 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

KK31 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

BRVK 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

ARU 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

AKTO 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

ARAO 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

ARCES 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

ARCES 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

BORG 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

KBZ 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

FIA1 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

FIAO 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

FINES 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

ASF 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

NC303 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

NC204 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

NC405 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

NB201 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

NB2 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

NB200 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

NOA 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

NM00 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

MMB1 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

NA001 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

NC602 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

KONO 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

LIC 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

AKASG 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

AKKB 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

KIEV 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

AK11 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

KIC 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

BR101 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

BR131 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

BRTR 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

TIC 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

DBIC 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

DBIC 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

DBIC 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

CSS 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

CLL 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

TOAO 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

TOAO 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

TORD 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

TORD 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

TOA1 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

TOA1 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

IDI 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

GERES 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

ESDC 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

ESDC 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

ES19 2.9nm, 0.6s, baz=331, slow=24, SNR=7.2

IDC 08 07:52:58.9±0.5, 10.65N, 126°73'E, h0km, mb4.3/32, mb1 4.4/33, mb1mx4.3/45, mbtmp4.3/33, ML3.7/1, MS3.6/13, MS4.5/4, Ms7 4.3/2
DJA 08 07:53:01.2±1.0, 11°N, 126°12'E, h11km, 7km, MS5.2/66, mb5.7/16, mb4.9/66, MLV5.3/2, Mw(MB)5.2/16
BUJ 08 07:53:01.2±1.0, 10.66N, 126°94'E, h30km, mb4.7/18, MS5.2/9, MS4.5/4, Ms7 4.3/2
ISC/JB 08 07:53:02.6±0.2, 10.78N, 126°86'E, h0km, 33km, mb4.5/76, MS3.6/10, Error ellipse: s-maj=4.0km s-min=2.7km az=178.9
MOS 08 07:53:03.8±1.2, 10.78N, 126°71'E, h44km, mb4.9/26, Error ellipse: s-maj=11.2km s-min=6.7km az=111.9
NEIC 08 07:53:06.0±0.9, 10.71N, 126°73'E, h50km, 8km, mb4.8/34, Error ellipse: s-maj=7.2km s-min=4.0km az=81.0
ISC 08 07:53:04.5±0.3, 10.76N, 126°94'E, h30km, n245, 1S24/246, mb4.6/76, MS3.6/10, 13C-9D, Philippine islands region

Table with columns: Code, Station Name, Az, El, P, PKP, Res. Includes stations like BESP Borongan, PLP Palo, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like APSS Ampnaga, SANI Sanana, MSAI Masoshi, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LSA Lhasa, LSA Lhasa, YSS Yuzh-Sakhalins, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MSF Maaselka, ARAO ARCS Array S, ARCES ARCES Array B, etc.

Table with columns: BU/PK, Station Name, Frequency, Power, and other technical details. Includes stations like Virac, Jordan, Marcelino, Ternate, etc.

Table with columns: TRQA, Station Name, Frequency, Power, and other technical details. Includes stations like Torquist, Matushiro Arr, Korea Array, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ZSN, ZSN, MK31, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SARU Sarigan, WRKA Warakuma, GRJI Gresik, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TPRI Tanjung Pinang, MDSI Maura Dua, CBJU Chichi jima, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GSI Gunungsitoli, GSI Gunungsitoli, CHAI Chayubana, etc.

BRZS	Berezniaki	75.18 324	i P	P	11 03 25.4 +0.5	SVE	eS	S	11 14 29.9 -6.9	KLU	Klutina	87.56 28	eP	P	11 04 30.6 +0.3
BRZS	comp=Z,255nm,1.7s					SVE	eS	S		KLU	comp=Z,486nm,1.8s		LR	LR	
BRZS			i S	S	11 13 00.9 -0.5	BRZS	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 30.4 -0.2
BRZS	comp=Z,409nm,15.0s		LR	LR	11 36 18.3	BRZS	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 30.9 +0.3
TIAR	Tiarei	75.27 107	eP	P	11 03 28.8 +2.7	TIAR	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
TVO	Taravoa	75.36 107	eP	P	11 03 29.2 +2.6	TVO	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
TBI	Tubuai	75.37 113	eP	P	11 03 28.7 +2.2	TBI	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
TBI	comp=Z,852nm,1.3s		eS	S	11 13 04.4 +0.1	TBI	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
TBI	comp=Z,52nm,28.2s		eLQ	LQ	11 23 29.9	TBI	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
TBI	comp=Z,3um,36.2s		eLR	LR	11 26 40.7	TBI	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
VNDA	Vanda	75.62 174	P	P	11 03 27.1 +0.3	VNDA	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
VNDA	comp=Z,42nm,0.9s,baz=325,slow=6.1,SNR=90				11 30 42.3	VNDA	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
VNDA	comp=Z,0.9nm,1.1s,baz=316,slow=0.7,SNR=3.4				11 35 26.3	VNDA	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
VNDA	comp=Z,18um,20.4s,baz=353,slow=35		LR	LR	11 03 27.2 +0.3	VNDA	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
VNDA	comp=Z,151nm,1.4s		P P'ab	P	11 30 42.3	VNDA	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
VNDA	comp=Z,151nm,1.4s		eP	P	11 03 27.2 +0.3	VNDA	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
VNDA	comp=Z,151nm,1.4s		eP	P	11 03 27.2 +0.3	VNDA	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
SBA	Scott Base	76.44 173	eP	P	11 03 33.1 +1.5	SBA	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
SBA	comp=Z,302nm,1.5s		LR	LR	11 03 33.1 +1.5	SBA	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
SBA	comp=Z,11um,22.0s		eP	P	11 03 33.1 +1.5	SBA	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
SBA	comp=Z,11um,22.0s		eP	P	11 03 33.1 +1.5	SBA	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
PMOR	Pomario Rio	76.63 105	eP	P	11 03 36.0 +2.2	PMOR	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 29.7 -1.1
FALS	False Pass	76.70 31	eP	P	11 03 33.7 +0.3	FALS	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 33.7 +0.3
FALS	comp=Z,59nm,1.4s		LR	LR	11 03 33.7 +0.3	FALS	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 33.7 +0.3
VAH	Vaihoa	76.89 105	eP	P	11 03 37.3 +2.0	VAH	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 37.3 +2.0
VAH	comp=Z,129nm,1.0s		eP	P	11 03 37.3 +2.0	VAH	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 37.3 +2.0
BVAO	Borovoye Array	77.69 326	i P	P	11 03 39.2 +0.2	BVAO	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 39.2 +0.2
BVAO	comp=Z,237nm,1.2s		eP	P	11 03 39.2 +0.2	BVAO	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 39.2 +0.2
BVAR	Borovoye Array	77.69 326	i P	P	11 03 39.5 +0.4	BVAR	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 39.5 +0.4
BVAR	comp=Z,107nm,0.9s,baz=119,slow=5.2,SNR=177		eP	P	11 03 39.5 +0.4	BVAR	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 39.5 +0.4
BRVK	Borovoye	77.76 326	eP	P	11 03 39.2 -0.3	BRVK	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 39.2 -0.3
BRVK	comp=Z,250nm,1.2s		LR	LR	11 03 39.2 -0.3	BRVK	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 39.2 -0.3
BRVK	comp=Z,2um,22.0s		LR	LR	11 03 39.5 0.0	BRVK	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 39.5 0.0
BRVK	comp=Z,2um,22.0s		LR	LR	11 03 39.5 0.0	BRVK	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 39.5 0.0
BRVK	comp=Z,2um,22.0s		LR	LR	11 03 39.5 0.0	BRVK	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 39.5 0.0
BRVK	comp=Z,2um,22.0s		LR	LR	11 03 39.5 0.0	BRVK	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 39.5 0.0
SDPT	Sand Point	78.44 32	eP	P	11 03 43.3 +0.2	SDPT	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 43.3 +0.2
SDPT	comp=Z,515nm,1.2s		LR	LR	11 03 43.3 +0.2	SDPT	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 43.3 +0.2
WSAR	Wadi Sarin	78.87 294	P	P	11 03 46.6 +0.4	WSAR	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 46.6 +0.4
WSAR	comp=Z,34nm,1.0s,baz=115,slow=6.0,SNR=20				11 03 46.6 +0.4	WSAR	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 46.6 +0.4
WSAR	comp=Z,8.2nm,1.2s,baz=4.0,slow=1.8,SNR=4.2				11 03 46.6 +0.4	WSAR	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 46.6 +0.4
WSAR	comp=Z,1um,19.9s,baz=114,slow=39				11 03 47.5 +1.3	WSAR	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 47.5 +1.3
WSAR	comp=Z,1um,19.9s,baz=114,slow=39				11 03 47.5 +1.3	WSAR	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 47.5 +1.3
NRIK	Noril'sk	79.22 345	P	P	11 03 47.3 +0.2	NRIK	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 47.3 +0.2
NRIK	comp=Z,42nm,0.8s,baz=151,slow=24,SNR=34				11 03 47.3 +0.2	NRIK	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 47.3 +0.2
NRIK	comp=Z,5um,22.0s,baz=59,slow=36				11 03 51.0 +2.0	NRIK	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 51.0 +2.0
BIDO	Bidbid	79.37 295	eP	P	11 03 51.0 +2.0	BIDO	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 51.0 +2.0
BIDO	comp=Z,5um,22.0s,baz=59,slow=36				11 03 51.0 +2.0	BIDO	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 51.0 +2.0
MSEY	Mahe Island	79.41 266	PFAKE	P	11 04 00.0 +1.1	MSEY	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 00.0 +1.1
MSEY	comp=Z,2um,20.0s		LR	LR	11 03 51.0 +0.1	MSEY	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 51.0 +0.1
CHGN	Chignik	79.88 31	eP	P	11 03 51.0 +0.1	CHGN	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 51.0 +0.1
CHGN	comp=Z,194nm,1.3s		LR	LR	11 03 51.0 +0.1	CHGN	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 51.0 +0.1
HOQ	Hogain	80.12 294	P	P	11 03 56.0 +3.0	HOQ	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 56.0 +3.0
HOQ	comp=Z,3um,20.0s				11 04 00.0 +6.9	HOQ	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 00.0 +6.9
ANM	None	80.31 22	PFAKE	LR	11 04 00.0 +6.9	ANM	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 04 00.0 +6.9
ANM	comp=Z,4um,20.0s				11 03 53.8 +0.7	ANM	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 53.8 +0.7
MAW	Mawson	80.31 202	P	P	11 03 53.8 +0.7	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 53.8 +0.7
MAW	comp=Z,30nm,1.0s,baz=72,slow=6.7,SNR=43				11 22 37.7 -0.8	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 22 37.7 -0.8
MAW	comp=Z,4.1nm,0.9s,baz=240,slow=3.7,SNR=7.1				11 30 45.9 +5.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 30 45.9 +5.9
MAW	comp=Z,2.0nm,0.9s,baz=258,slow=5.1,SNR=37				11 36 24.3	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 36 24.3
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	eS	pmax	TOLK	Toolik Lake	87.67 21	eP	P	11 03 54.1 +0.9
MAW	comp=Z,13um,21.5s,baz=70,slow=33				11 03 54.1 +0.9	MAW	comp=Z,221nm,1.4s	e							

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INK	comp=2.2um,22.0s	93.48	22	eP	P	11 04 56.1	-1.5
INK	comp=2.56nm,1.1s	93.48	22	eP	P	11 04 56.1	-1.5
INK	comp=2.56nm,1.1s						
CRAG	comp=2.5um,21.0s	93.64	35	PFAKE	LR	11 05 10.0	+11
GOF	comp=2.40nm,1.0s	93.71	315	eP	P	11 04 59.8	+0.5
KBZ	comp=2.2,2.8nm,0.6s,baz=128,slow=4.5,SNR=7.1	93.80	313	P	P	11 04 58.4	-1.3
KBZ	comp=2.5,2nm,1.0s,baz=228,slow=2.6,SNR=5.6					11 22 07.2	+2.1
KBZ	comp=2.1,9nm,0.9s,baz=303,slow=7.6,SNR=9.8					11 30 16.9	+1.4
KBZ	comp=2.1um,21.5s,baz=65,slow=38					11 50 24.9	
NEY	comp=2.4,0nm,0.9s	93.92	313	iP	P	11 05 02.6	+2.1
KVAR	comp=2.4,0nm,0.9s	93.94	314	P	P	11 05 00.0	-0.5
KIV	comp=2.1,7nm,0.3s,baz=72,slow=19,SNR=2.4	93.95	314	eP	P	11 05 00.1	-0.4
KIV	comp=2.96nm,6.2s					11 08 45.8	
KIV	comp=2.21nm,1.1s					11 15 33.4	
DIB	comp=2.5um,21.0s	94.01	37	PFAKE	LR	11 05 10.0	+10
WRAK	comp=2.2um,20.0s	94.08	34	eP	P	11 05 00.9	+0.3
VRH	comp=2.2um,20.0s	94.61	321	eP	P	11 05 01.7	-1.5
DLBC	comp=2.84nm,1.8s	95.28	32	eP	P	11 05 06.4	+0.2
VORD	comp=2.4um,21.0s	96.14	321	eP	P	11 05 09.1	-1.1
VORR	comp=2.10nm,0.7s	96.17	321	eP	P	11 05 09.0	-1.3
VSR	comp=2.250nm,1.4s	96.21	321	eP	P	11 05 09.1	-1.5
LPSR	comp=2.10nm,0.6s	96.29	322	eP	P	11 05 09.3	-1.6
BBB	comp=2.40nm,1.0s	96.70	38	PFAKE	LR	11 05 20.0	+7.3
MOS	comp=2.4um,20.0s	96.86	326	eP	P	11 05 13.4	0.0
MOS	comp=2.57nm,0.8s					11 09 09.7	
MOS	comp=2.100nm,0.8s						
NVL	comp=2.8,0nm,0.7s	97.41	196	eP	P	11 05 16.5	+0.9
NVL	comp=2.16um,20.0s	97.42	338	iP	P	11 15 48.0	
APA	comp=2.11nm,1.0s					11 16 35.0	-2.5
OBN	comp=2.2um,18.0s	97.51	325	PFAKE	LR	11 05 30.0	+14
OBN	comp=2.2um,18.0s	97.51	325	iP	P	11 05 14.5	-1.8
OBN	comp=2.38nm,1.2s					11 16 31.2	-7.6
ANN	comp=2.2um,20.0s	97.70	315	eP	P	11 05 14.3	-3.1
ANN	comp=2.38nm,0.9s					11 11 19.1	
ANN	comp=2.3um,20.0s					11 15 51.1	-1.6
KMBO	comp=2.2um,22.0s	97.77	268	P	P	11 05 18.1	-0.6
KMBO	comp=2.1,6nm,0.6s,baz=131,slow=5.9,SNR=5.3					11 09 13.3	
KMBO	comp=2.1,9nm,0.8s,baz=83,slow=8.3,SNR=3.7					11 47 01.3	
KMBO	comp=2.2um,20.8s,baz=94,slow=34					11 05 17.7	-1.1
ASF	comp=2.2,0nm,0.6s	98.65	302	P	P	11 05 22.7	+0.5
SPITS	comp=2.4,6nm,1.0s,baz=63,slow=7.4,SNR=6.7	98.83	349	P	P	11 05 21.6	-0.2
KEV	comp=2.36nm,1.1s,baz=201,slow=12,SNR=4.1	99.22	340	PFAKE	LR	11 05 40.0	+16
KBS	comp=2.5um,20.0s	99.22	351	PFAKE	LR	11 05 40.0	+16
ARCES	comp=2.25nm,0.8s,baz=83,slow=3.4,SNR=30	99.78	340	P	P	11 05 25.5	-0.7
AREO	comp=2.130nm,18.2s,baz=81,slow=40	99.83	340	PFAKE	LR	11 05 40.0	+14
NLWA	comp=2.200nm,22.0s	99.83	43	PFAKE	LR	11 05 40.0	+13
MMAI	comp=2.5um,21.0s	99.88	303	P	P	11 05 27.8	+0.3
SIM	comp=2.6,4nm,1.0s,baz=92,slow=8.6,SNR=5.4	100.04	315	eP	P	11 05 22.6	-5.3
E03A	comp=2.22nm,0.7s	100.13	43	PFAKE	LR	11 05 40.0	+12
J01D	comp=2.6um,21.0s	100.20	47	P	P	11 05 28.1	-0.6
JCC	comp=2.6um,20.0s	100.40	299	P	P	11 05 30.2	+0.3
EIL	comp=2.8,5nm,1.1s,baz=36,slow=3.4,SNR=4.7	100.46	192	P	P	11 05 30.9	+1.1
A04D	comp=2.2um,20.0s	100.45	41	P	P	11 05 31.6	+2.0
SNA	comp=2.2um,20.0s	100.46	192	P	P	11 05 30.4	+1.0
SNA	comp=2.13nm,1.1s,baz=93,slow=5.4,SNR=8.7	100.46	192	P	P	11 05 29.9	+0.5
SNA	comp=2.21nm,1.1s,baz=136,slow=8.9,SNR=6.1	100.46	192	P	P	11 05 35.3	-0.4
COR	comp=2.1um,20.0s	100.51	45	PFAKE	LR	11 05 40.0	+10
L02D	comp=2.4um,19.0s	100.53	48	P	P	11 05 30.4	+0.2

2012 SEP

KHMM	comp=2.75	100.55	49	PFAKE	LR	11 05 40.0	+10
KMRM	comp=2.6um,19.0s	100.62	50	PFAKE	LR	11 05 40.0	+9.3
KCPM	comp=2.6um,20.0s	100.76	50	PFAKE	LR	11 05 40.0	+8.6
E04D	comp=2.6um,20.0s	100.81	43	P	P	11 05 32.6	+1.3
BRTR	comp=2.2,9nm,0.9s,baz=120,slow=4.4,SNR=8.6	100.86	310	P	P	11 05 31.1	-0.8
BRTR	comp=2.1,0nm,0.8s,baz=111,slow=6.8,SNR=3.6					11 09 32.4	-7.6
BRTR	comp=2.3,6nm,1.2s,baz=270,slow=1.4,SNR=4.9					11 21 46.4	+0.6
B05A	comp=2.0,9nm,1.1s,baz=271,slow=7.9,SNR=3.6					11 30 04.0	+1.3
OUL	comp=2.22nm,0.9s	100.93	336	P	P	11 05 33.7	+2.3
HUMO	comp=2.5um,19.0s	100.96	47	PFAKE	LR	11 05 40.0	+7.9
M02C	comp=2.7um,19.0s	101.16	49	P	P	11 05 34.3	+1.2
HOPS	comp=2.7um,19.0s	101.21	51	PFAKE	LR	11 05 40.0	+6.7
YBH	comp=2.3um,20.0s	101.23	46	P	P	11 05 34.2	+0.9
I04A	comp=2.2um,20.0s	101.28	41	PFAKE	LR	11 05 40.0	+6.7
B06A	comp=2.6um,21.0s	101.30	45	PFAKE	LR	11 05 50.0	+16
LO4A	comp=2.4um,22.0s	101.30	43	PFAKE	LR	11 05 50.0	+16
N02D	comp=2.5um,20.0s	101.31	49	P	P	11 05 35.6	+1.8
O02D	comp=2.5um,20.0s	101.33	50	P	P	11 05 35.0	+1.2
MCCM	comp=2.4um,20.0s	101.44	52	PFAKE	LR	11 05 50.0	+16
GDXM	comp=2.8um,20.0s	101.44	51	PFAKE	LR	11 05 50.0	+16
SUF	comp=2.39nm,2.0s	101.47	49	PFAKE	LR	11 05 50.0	+16
WDC	comp=2.7um,21.0s	101.48	48	P	P	11 05 35.3	+0.7
ANTO	comp=2.900nm,20.0s	101.50	310	PFAKE	LR	11 05 50.0	+15
J04D	comp=2.900nm,20.0s	101.52	47	P	P	11 05 36.1	+1.3
FI01	comp=2.5,4nm,0.9s,baz=72,slow=6.2,SNR=3.6	101.84	332	eP	P	11 05 35.5	0.0
FINES	comp=2.7,6nm,0.9s,baz=252,slow=2.8,SNR=7.6	101.84	332	P	P	11 05 35.0	-0.5
FINES	comp=2.7,0nm,0.8s	101.88	48	P	P	11 05 37.5	+1.2
VNA2	comp=2.134,slow=2	101.99	192	P	P	11 05 38.6	+2.5
O03D	comp=2.276,SNR=10	102.06	50	P	P	11 05 37.7	+0.5
YK03	comp=2.3um,22.0s	102.13	26	P	P	11 05 36.7	-0.1
YKA	comp=2.3,4nm,1.1s,baz=272,slow=4.9,SNR=4.4	102.14	47	P	P	11 05 37.5	0.0
J05D	comp=2.4,3nm,1.0s,baz=286,slow=2.5,SNR=4.2	102.14	47	P	P	11 05 38.2	+1.3
VNA3	comp=2.4um,19.0s	102.29	46	PFAKE	LR	11 05 50.0	+12
G06A	comp=2.5um,21.0s	102.32	44	PFAKE	LR	11 05 50.0	+12
ORV	comp=2.2um,20.0s	102.38	192	P	P	11 05 39.3	+1.5
VNA1	comp=2.5um,19.0s	102.46	47	PFAKE	LR	11 05 39.0	0.0
AKASG	comp=2.3,5nm,0.7s,baz=69,slow=4.7,SNR=12	102.52	321	P	P	11 05 37.3	-1.5
AKASG	comp=2.0,3nm,0.3s,baz=101,slow=9.6,SNR=3.5	102.52	321	P	P	11 09 55.6	+3.8
AKASG	comp=2.4,0nm,0.6s	102.52	321	P	P	11 21 40.7	-0.4
AKKB	comp=2.3um,20.0s	102.53	321	eP	P	11 05 38.5	-0.3
KIEV	comp=2.29nm,1.3s	102.53	321	eP	P	11 05 37.1	-1.7
MICGM	comp=2.29nm,1.3s	102.57	325	eP	P	11 05 37.1	-1.7
MINK	comp=2.3,7nm,20.0s	102.57	325	eP	P	11 05 38.0	-0.9
E07A	comp=2.4um,20.0s	102.66	43	PFAKE	LR	11 09 38.0	-1.4
S01A	comp=2.3um,19.0s	102.71	44	PFAKE	LR	11 11 44.0	
F07A	comp=2.5um,22.0s	102.72	41	PFAKE	LR	11 16 15.0	
AFDM	comp=2.4um,21.0s	102.85	51	eP	P	11 16 15.0	
HAWA	comp=2.5um,20.0s	102.91	43	PFAKE	LR	11 17 12.0	-9.3
RES	comp=2.4um,21.0s	102.96	12	PFAKE	LR	11 18 50.0	-10
MOD	comp=2.2um,20.0s	103.00	48	eP	P	11 05 38.0	-0.9
MOD	comp=2.29nm,1.6s					11 17 12.0	-9.3
IDID	comp=2.3um,22.0s	103.03	326	eP	P	11 18 50.0	+10

532

IZAR	comp=2.7,4nm,0.3s	103.20	327	eP	IAMB	11 21 38.9	-0.3
BEKR	comp=2.18nm,0.8s	103.21	50	PFAKE	LR	11 21 42.1	
D08A	comp=2.5um,21.0s	103.22	42	PFAKE	LR	11 05 50.0	+8.0
E08A	comp=2.6um,20.0s	103.22	43	PFAKE	LR	11 05 50.0	+8.0
PMPB	comp=2.4um,20.0s	103.27	54	PFAKE	LR	11 05 50.0	+7.4
IIGN	comp=2.4um,19.0s	103.31	326	eP	IAMB	11 21 39.2	+0.3
ISAL	comp=2.18nm,1.2s	103.31	326	eP	IAMB	11 21 40.7	
CMB	comp=2.19nm,1.1s	103.41	52	eP	IAMB	11 21 40.5	
CMB	comp=2.4um,21.0s	103.41	52	eP	IAMB	11 05 42.8	-0.3
KIS	comp=2.4um,21.0s	103.43	318	eP	IAMB	11 05 40.0	-2.9
RUBR	comp=2.6um,20.0s	103.47	51	PFAKE	LR	11 12 20.0	
G08A	comp=2.6um,20.0s	103.48	44	PFAKE	LR	11 16 20.0	
C09A	comp=2.4um,20.0s	103.52	42	PFAKE	LR	11 24 54.0	+13
SORM	comp=2.5um,21.0s	103.54	319	iP	P	11 05 50.0	+6.6
SORM	comp=2.5um,21.0s	103.54	319	iP	P	11 05 50.0	+6.6
PAGB	comp=2.6um,20.0s	103.54	319	iP	P	11 05 43.3	-0.1
VCNR	comp=2.4um,20.0s	103.83	50	PFAKE	LR	11 06 00.0	+15
PAHR	comp=2.4um,20.0s	103.98	50	eP	IAMB	11 05 46.3	+0.5
WAKR	comp=2.5um,20.0s	104.09	51	PFAKE	LR	11 06 00.0	+14
J08A	comp=2.5um,20.0s	104.13	46	PFAKE	LR	11 06 00.0	+14
TIRR	comp=2.2um,19.0s	104.14	315	PFAKE	LR	11 06 00.0	+14
WVOR	comp=2.2um,22.0s	104.15					

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2012 SEP

Table with columns: Station, Frequency, Power, Direction, and other details. Includes entries like KHC, Kasperse Hory, GERES, etc.

Table with columns: Station, Frequency, Power, Direction, and other details. Includes entries like MDND, DAVA, DAVOX, etc.

Table with columns: Station, Frequency, Power, Direction, and other details. Includes entries like MONM, H36A, KEST, etc.

Q37A	Longview Farm, baz=296	122.72	45	P	PKPdf	11 10 37.5	-1.1
F41A	Three Lakes	122.76	35	ePKPdf	PKPdf	11 10 38.2	-0.3
F41A	comp=Z,4jm,21.0s baz=304	122.76	35	P	PKPdf	11 10 38.0	-0.5
DFRA	Djebel Bou Aff	122.78	312	P	PKPdf	11 10 41.1	+2.1
Q38A	Galt	122.85	43	P	PKPdf	11 10 38.2	-0.7
I40A	Norwalk	122.86	38	P	PKPdf	11 10 37.9	-0.8
L39A	Vinton	122.88	40	P	PKPdf	11 10 38.1	-0.7
TUL1	Leonard	122.95	49	ePKPdf	PKPdf	11 10 39.1	-0.1
TUL1	comp=Z,3jm,20.0s baz=293	122.95	49	P	PKPdf	11 10 38.9	-0.2
P38A	Dawn	123.03	44	ePKPdf	PKPdf	11 10 39.0	-0.2
P38A	comp=Z,4jm,20.0s baz=297	123.03	44	P	PKPdf	11 10 38.9	-0.2
J40A	Soldiers Grove	123.04	39	P	PKPdf	11 10 38.4	-0.7
E42A	Champion	123.04	34	P	PKPdf	11 10 38.9	-0.2
WHTX	Lake Whitney, WHTX	123.04	54	ePKPdf	PKPdf	11 10 39.5	+0.1
WHTX	comp=Z,4jm,20.0s baz=289	123.04	54	P	PKPdf	11 10 38.7	-0.8
H41A	Junction City	123.05	37	ePKPdf	PKPdf	11 10 38.9	-0.2
H41A	comp=Z,7jm,21.0s baz=303	123.05	37	P	PKPdf	11 10 38.9	-0.2
M39A	Webster	123.08	41	P	PKPdf	11 10 38.7	-0.5
K40A	Colesburg	123.15	39	P	PKPdf	11 10 38.4	-0.9
N39A	Derby Farms, D	123.15	42	ePKPdf	PKPdf	11 10 39.3	0.0
N39A	comp=Z,2jm,22.0s baz=298	123.15	42	P	PKPdf	11 10 38.9	-0.5
I41A	Arkdale	123.22	38	ePKPdf	PKPdf	11 10 39.1	-0.4
I41A	comp=Z,7jm,22.0s baz=303	123.22	38	P	PKPdf	11 10 39.3	-0.2
JRQG	Juriquilla Cam	123.26	67	ePKPdf	PKPdf	11 10 40.5	+0.1
JRQG	comp=Z,5jm,21.0s baz=299	123.27	44	P	PKPdf	11 10 38.7	-0.9
Q38A	Cooks Store, C	123.27	44	P	PKPdf	11 10 38.7	-0.9
LNIG	Linares	123.30	62	ePKPdf	PKPdf	11 10 38.8	-1.3
LNIG	comp=Z,3jm,21.0s baz=305	123.31	35	P	PKPdf	11 10 39.6	0.0
F42A	Maple Grove Fa	123.31	35	P	PKPdf	11 10 40.4	+0.3
435B	Jarrell	123.32	55	ePKPdf	PKPdf	11 10 38.8	-1.3
435B	comp=Z,3jm,22.0s baz=288	123.32	55	P	PKPdf	11 10 38.8	-1.3
R38A	Fenwick Farm, baz=296	123.40	45	P	PKPdf	11 10 39.1	-0.9
L40A	Anamosa	123.42	40	ePKPdf	PKPdf	11 10 38.9	-0.9
L40A	comp=Z,5jm,21.0s baz=300	123.42	40	P	PKPdf	11 10 39.0	-0.9
L40A	Anamosa	123.42	40	P	PKPdf	11 10 39.0	-0.9
Q39A	Kirkville	123.42	43	P	PKPdf	11 10 39.5	-0.4
G42A	Mountain	123.43	36	ePKPdf	PKPdf	11 10 39.6	-0.2
G42A	comp=Z,5jm,22.0s baz=305	123.43	36	P	PKPdf	11 10 39.3	-0.5
G42A	Mountain	123.43	36	P	PKPdf	11 10 39.0	-1.0
J41A	Loganville	123.51	38	P	PKPdf	11 10 39.0	-1.0
VAL	Valentia	123.52	335	ePP	PP	11 12 23.8	+3.0
VAL	comp=Z,5jm,21.0s baz=302	123.52	335	eSP	SP	11 12 13.3	+0.3
M40A	Post Highland	123.55	41	P	PKPdf	11 10 39.5	-0.7
E43A	Lone Tree Farm	123.59	34	ePKPdf	PKPdf	11 10 40.0	0.0
E43A	comp=Z,5jm,21.0s baz=307	123.59	34	P	PKPdf	11 10 39.1	-0.9
E43A	Lone Tree Farm	123.59	34	P	PKPdf	11 10 39.1	-0.9
JFWS	Jewell Farm	123.60	39	ePKPdf	PKPdf	11 10 39.9	-0.3
JFWS	comp=Z,4jm,21.0s baz=302	123.60	39	P	PKPdf	11 10 39.9	-0.3
JFWS	Jewell Farm	123.60	39	P	PKPdf	11 10 39.9	-0.3
T38A	Diamond	123.61	47	P	PKPdf	11 10 39.4	-1.0
P39B	Salisbury	123.63	44	P	PKPdf	11 10 39.3	-1.0
S38A	Stockton	123.64	46	P	PKPdf	11 10 39.8	-0.6
Q39A	Willow Grove F	123.68	44	P	PKPdf	11 10 40.1	-0.3
K41A	Shullsburg	123.72	39	P	PKPdf	11 10 39.5	-0.9
N40A	Mertquake, Sal	123.76	42	P	PKPdf	11 10 39.8	-0.8
H42A	Shiocton	123.78	36	ePKPdf	PKPdf	11 10 40.3	-0.2
H42A	comp=Z,7jm,22.0s baz=304	123.78	36	P	PKPdf	11 10 39.4	-1.1
F43A	Flat Rock, Esc	123.81	34	P	PKPdf	11 10 40.1	-0.4
G43A	Wallace	123.85	35	ePKPdf	PKPdf	11 10 40.0	-0.6
G43A	comp=Z,3jm,20.0s baz=305	123.85	35	P	PKPdf	11 10 40.3	-0.3
I42A	Draeger Farm, baz=296	123.90	37	ePKPdf	PKPdf	11 10 40.0	-0.8
I42A	Draeger Farm, baz=303	123.90	37	P	PKPdf	11 10 39.3	-1.4
O40A	La Belle	123.93	43	P	PKPdf	11 10 39.9	-1.0
R39A	Chumby, Stover	123.96	45	P	PKPdf	11 10 40.6	-0.5
KVTX	Kingsville	124.01	59	PFAKE	LR	11 10 50.0	+8.6
S39A	Bolivar	124.03	46	ePKPdf	PKPdf	11 10 41.0	-0.2
S39A	comp=Z,5jm,21.0s baz=296	124.03	46	P	PKPdf	11 10 40.3	-0.9
E44A	Grand Marais A	124.03	33	PFAKE	LR	11 10 50.0	+9.1
P40A	Paris	124.09	43	ePKPdf	PKPdf	11 10 40.9	-0.4
P40A	comp=Z,4jm,22.0s baz=298	124.09	43	P	PKPdf	11 10 40.4	-0.9
F44A	Big Bay de Noc	124.15	34	P	PKPdf	11 10 40.7	-0.4
HHAR	Hobbs	124.17	48	ePKPdf	PKPdf	11 10 40.9	-0.7
HHAR	comp=Z,4jm,20.0s baz=297	124.17	48	P	PKPdf	11 10 41.0	0.0
EFI	East Falkland	124.18	170	ePKPdf	PKPdf	11 10 41.0	0.0
EFI	comp=Z,5jm,20.0s baz=299	124.18	170	ePKIP	PKPdf	11 10 41.0	0.0
EFI	East Falkland	124.18	170	MLR	MLR	11 10 50.0	+9.1
H43A	Windswept, Lux	124.25	36	PFAKE	LR	11 10 50.0	+8.6
H43A	comp=Z,6jm,22.0s baz=295	124.28	46	P	PKPdf	11 10 41.3	-0.4
Q40A	Laux Farm, Aux	124.32	44	P	PKPdf	11 10 41.4	-0.3
N41A	Harden Midland	124.33	41	ePKPdf	PKPdf	11 10 41.3	-0.3
N41A	Harden Midland	124.33	41	P	PKPdf	11 10 41.0	-0.7

L42A	Oliver, Polo	124.44	40	ePKPdf	PKPdf	11 10 41.4	-0.4
L42A	comp=Z,4jm,22.0s baz=302	124.44	40	P	PKPdf	11 10 41.1	-0.8
L42A	Oliver, Polo	124.44	40	P	PKPdf	11 10 41.1	-0.8
U39A	Green Forest	124.47	47	P	PKPdf	11 10 41.1	-1.0
J43A	Natural Harves	124.48	38	P	PKPdf	11 10 40.5	-1.3
R40A	Maddies Statio	124.51	45	ePKPdf	PKPdf	11 10 41.7	-0.3
R40A	comp=Z,5jm,22.0s baz=296	124.51	45	P	PKPdf	11 10 41.3	-0.7
V39A	Pettigrew	124.58	48	P	PKPdf	11 10 41.8	-0.6
E45A	Wooded Hills,	124.60	33	P	PKPdf	11 10 42.2	+0.2
O41A	Passleys Farm,	124.60	42	P	PKPdf	11 10 41.0	-1.2
S40A	Lebanon	124.66	45	P	PKPdf	11 10 41.4	-1.0
UNM	Universidad Na	124.67	69	PFAKE	LR	11 11 00.0	+17
UNM	comp=Z,4jm,20.0s baz=299	124.69	43	P	PKPdf	11 10 41.8	-0.6
P41A	Barry, Barry	124.69	43	P	PKPdf	11 10 42.4	-0.2
W39A	Magazine	124.73	49	ePKPdf	PKPdf	11 10 42.0	-0.2
W39A	comp=Z,3jm,22.0s baz=300	124.73	49	P	PKPdf	11 10 42.1	-0.5
W39A	Magazine	124.73	49	P	PKPdf	11 10 42.6	0.0
N42A	Yates City	124.81	41	P	PKPdf	11 10 41.5	-1.0
F45A	CMU Biological	124.83	34	P	PKPdf	11 10 41.9	-0.5
T40A	Mansfield	124.84	46	P	PKPdf	11 10 42.3	-0.5
K43A	Burlington	124.90	38	PFAKE	LR	11 10 50.0	+7.3
K43A	comp=Z,4jm,22.0s baz=309	124.92	43	P	PKPdf	11 10 42.7	-0.1
Q41A	Truxton	124.92	43	P	PKPdf	11 10 41.8	-1.2
U40A	Yellville	124.94	47	P	PKPdf	11 10 44.0	+0.8
HKT	Hockley	125.02	55	ePKPdf	PKPdf	11 10 44.0	+0.8
HKT	comp=Z,3jm,20.0s baz=303	125.02	55	ePKIP	PKPdf	11 10 44.2	+0.8
HKT	Hockley	125.02	55	MLR	MLR	11 10 44.2	+0.8
EMHD	Djebel Mahoud	125.08	313	P	PKPdf	11 10 44.2	+0.8
O42A	baz=300	125.09	42	P	PKPdf	11 10 43.1	0.0
R41A	Rosebud	125.13	44	P	PKPdf	11 10 43.0	-0.3
MIAR	Mount Ida	125.15	49	ePKPdf	PKPdf	11 10 44.1	+0.7
MIAR	comp=Z,4jm,20.0s baz=299	125.15	49	ePKIP	PKPdf	11 12 31.2	-1.5
MIAR	Mount Ida	125.15	49	MLR	MLR	11 10 44.1	+0.7
MIAR	comp=Z,4jm,20.0s baz=294	125.15	49	P	PKPdf	11 10 43.4	0.0
MIAR	Mount Ida	125.15	49	P	PKPdf	11 10 42.6	-0.5
F46A	Bladaw City C	125.19	33	P	PKPdf	11 10 42.8	-0.5
M43A	Waltham Townsh	125.19	40	P	PKPdf	11 10 43.0	-0.5
S41A	Jilco Farms,	125.20	45	P	PKPdf	11 10 43.0	-0.5
V40A	Witts Springs	125.20	48	ePKPdf	PKPdf	11 10 43.1	-0.4
V40A	comp=Z,4jm,20.0s baz=294	125.20	48	P	PKPdf	11 10 42.6	-0.9
V40A	Witts Springs	125.22	42	ePKPdf	PKPdf	11 10 43.2	-0.1
P42A	Winchester	125.22	42	ePKPdf	PKPdf	11 10 43.1	-0.3
W40A	Ferguson Farm,	125.27	48	ePKPdf	PKPdf	11 10 43.7	+0.1
W40A	comp=Z,4jm,19.0s baz=294	125.27	48	P	PKPdf	11 10 42.7	-0.9
W40A	Ferguson Farm,	125.27	48	P	PKPdf	11 10 43.6	+0.1
N43A	Stutzman Famil	125.31	40	P	PKPdf	11 10 43.4	-0.4
NATX	Nacogdoches	125.36	53	ePKPdf	PKPdf	11 10 43.8	-0.1
NATX	comp=Z,4jm,20.0s baz=291	125.36	53	P	PKPdf	11 10 43.7	-0.1
Q42A	Golden Eagle	125.42	43	P	PKPdf	11 10 43.7	-0.1
T41A	Mountain View	125.43	46	P	PKPdf	11 10 42.9	-1.0
HDIL	Hopedale	125.43	41	ePKPdf	PKPdf	11 10 43.8	+0.1
HDIL	comp=Z,3jm,22.0s baz=301	125.43	41	P	PKPdf	11 10 43.2	-0.6
R42A	Luebbering	125.54	44	P	PKPdf	11 10 43.6	-0.4
SCHO	Schefferville	125.55	15	PKP	PKPdf	11 10 44.1	+0.6
SCHO	comp=Z,46m,1.2s, baz=7.9, slow=3.6, SNR=8.3	125.55	15	ePKPdf	PKPdf	11 10 43.8	+0.2
SCHO	Schefferville	125.55	15	ePKPdf	PKPdf	11 10 43.8	+0.2
O43A	Sugar Creek Fa	125.56	41	P	PKPdf	11 10 43.6	-0.4
Y40A	Ok						

8d 10h

Table with columns: ID, Name, Time, Lat, Lon, Az, El, Status, and other parameters. Includes entries like 143A, 143B, GLAT Glass, 047A, MET Memphis-Engin, T45A Paducah, etc.

2012 SEP

Table with columns: ID, Name, Time, Lat, Lon, Az, El, Status, and other parameters. Includes entries like W46A Michie, O49A Covington, R48A Northridge Ran, SADO Sadowa, X46A Booneville, M50A Fremont, etc.

536

Table with columns: ID, Name, Time, Lat, Lon, Az, El, Status, and other parameters. Includes entries like PCBR Castelo Branco, T50A Nancy, W49A Belvidere, ALFO Alfred, 347A Saraland, MEDO Medina, etc.

Table with columns: PTGA, MDP, MDP, MDP. Rows include station names like 19nm, 1.0s, baz=272, slow=1.4, SNR=54, etc.

ISCJB 08 11:03:06.8-0.4, 37.03N-02:28.44E, h10km, Error ellipse: s-maj=3.7km s-min=3.0km az=18.3

Main station list table for Turkey region, including stations like YER, TURN, DALY, MFRSB, TAVA, etc.

SJA 08 11:04:12.1-0.4, 30.70S-71.87W, h33km, ML3.5, MW3.4

Main station list table for Central America region, including stations like CMCH, LSCH, G004, etc.

UCR 08 11:05:39.2-1.3, 12.37N-88.71W, h28km, 1.4km, ML3.9, Off coast of central America

Main station list table for Central America region, including stations like LCY, LOND, SNVI, etc.

BOAB BOACO BROADBAND 98 88 eP Pn 11 06 23.8 -0.8

JTS JuntasAbangare 4.23 119 eP Pn 11 06 43.8 +2.0

IDD 08 11:05:57.0-0.8, 36.71N-142.96E, h0km, mb3.9/11, mb1 4.0/18, mb1mx3.9/62, mbtmp4.0/18, ML3.8/5, Error ellipse: s-maj=19.5km s-min=16.3km az=91.0

JMA 08 11:05:59.0-0.2, 36.76N-142.81E, h17km, M3.8

Main station list table for Honshu region, including stations like ONAJ, JFK, JHO, etc.

ISCJB 08 11:36:38.2-1.6, 17.37N-94.84E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.6/42, mbtmp3.8/6, ML4.1/1, Error ellipse: s-maj=41.8km s-min=34.3km az=137.0

ISC 08 11:36:41.8-1.2, 17.5N-0.2, 94.98E-0.07, h33km, mb3.7/5, Error ellipse: s-maj=35.0km s-min=9.7km az=174.7

ISC 08 11:36:43.3-1.4, 17.4N-0.3, 94.98E-0.10, h35km, n8, e077.9, mb3.8/5, Myanmar

Main station list table for Myanmar region, including stations like CMAR, CHTO, CMMT, etc.

NEIC 08 11:40:51.4-0.4, 0.789S-113.88E, h10km, mb4.4/10, Error ellipse: s-maj=12.8km s-min=5.5km az=220.0

ISC 08 11:40:51.2-1.1, 10.63S-113.99E, h0km, mb4.1/9, mb1 4.3/12, mb1mx4.0/42, mbtmp4.2/12, ML4.4/3, Error ellipse: s-maj=39.3km s-min=12.0km az=43.0

DJA 08 11:40:55.2-0.9, 11.56S-111.4E, h29km, 1.4km, M4.6/25, mb5.2/2, mb4.6/11, MLV4.6/25, MW(MB)4.6/2

ISC 08 11:40:51.0-2.9, 10.97S-0.06-113.81E-0.05, h12km, 1.8km, n62, e201172, mb4.2/14, South of Java

Main station list table for South of Java region, including stations like JAGI, JAGI, JAGI, etc.

MAN 08 11:23:47.8, 7.69N-124.98E, h1km, mb4.9, ML3.8, MS3.8, 5C, Mindanao

Main station list table for Mindanao region, including stations like BUKP, BUKP, DMPH, etc.

ISC 08 11:28:38.6-1.0, 21.53N-145.97E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.7/43, mbtmp3.8/7, Error ellipse: s-maj=41.3km s-min=20.7km az=96.0

ISCJB 08 11:28:41.3-0.9, 21.53N-145.97E-0.3, h29km, mb3.7/7, Error ellipse: s-maj=34.6km s-min=17.9km az=179.8

ISC 08 11:28:43.0-1.0, 21.5N-0.2, 145.9E-0.3, h29km, n7, e078.7, mb3.6/7, Mariana Islands region

Main station list table for Mariana Islands region, including stations like KRSK, KRSK, KRSK, etc.

Main station list table for Kamensitaya region, including stations like KMNR, KMNR, CIRR, etc.

Main station list table for Kamensitaya region, including stations like CMAR, CHTO, CMMT, etc.

NEIC 08 11:40:51.4-0.4, 0.789S-113.88E, h10km, mb4.4/10, Error ellipse: s-maj=12.8km s-min=5.5km az=220.0

ISC 08 11:40:51.2-1.1, 10.63S-113.99E, h0km, mb4.1/9, mb1 4.3/12, mb1mx4.0/42, mbtmp4.2/12, ML4.4/3, Error ellipse: s-maj=39.3km s-min=12.0km az=43.0

DJA 08 11:40:55.2-0.9, 11.56S-111.4E, h29km, 1.4km, M4.6/25, mb5.2/2, mb4.6/11, MLV4.6/25, MW(MB)4.6/2

ISC 08 11:40:51.0-2.9, 10.97S-0.06-113.81E-0.05, h12km, 1.8km, n62, e201172, mb4.2/14, South of Java

Main station list table for South of Java region, including stations like JAGI, JAGI, JAGI, etc.

MAN 08 11:23:47.8, 7.69N-124.98E, h1km, mb4.9, ML3.8, MS3.8, 5C, Mindanao

Main station list table for Mindanao region, including stations like BUKP, BUKP, DMPH, etc.

ISC 08 11:28:38.6-1.0, 21.53N-145.97E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.7/43, mbtmp3.8/7, Error ellipse: s-maj=41.3km s-min=20.7km az=96.0

ISCJB 08 11:28:41.3-0.9, 21.53N-145.97E-0.3, h29km, mb3.7/7, Error ellipse: s-maj=34.6km s-min=17.9km az=179.8

ISC 08 11:28:43.0-1.0, 21.5N-0.2, 145.9E-0.3, h29km, n7, e078.7, mb3.6/7, Mariana Islands region

Main station list table for Mariana Islands region, including stations like KRSK, KRSK, KRSK, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like AS31 Forrest, COEN Coen, CM01 Chiang Mai Arr, etc.

ISC 08 11:47:25.4-0.8, 27:30N:103:82E, h0km, mb3.9/17, Error ellipse: s-maj=22.8km s-min=16.2km az=48.0

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like GYA Guiyang, GYB Guiyang, GYD Guiyang, etc.

ISC 08 11:47:28.4-0.4, 27:56N:104:00E, h14km, ML4.1/15, Ms3.7/1, Ms7.3/6/3

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like KMI Kunming, CD2 Chengdu, CD1 Chengdu, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CM01 Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like KS15 Wonju Array Si, KSAR Wonju Array Be, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like AKASG Malin Array Be, AKKB Malin Array S, ARAO ARCESS Array S, etc.

ISC 08 11:59:54.9-1.5, 38:73N:143:16E, h0km, mb3.3/2, mb1.3/5.4, mb1mx3.3/37, mbtmp3.2/4, ML2.8/2, Error ellipse: s-maj=55.8km s-min=25.8km az=114.0

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like OFUJ Ofunato, OFUJ Ofunato, MIYJ Miyakonagasawa, etc.

ISC 08 12:01:08.0-0.2, 0:9:85N:85:66W, h9km, mb4.0, mb3.1(NEIC)

ISC 08 12:01:07.3-0.8, 9:87N:0:05:85:63W:0.04, h39km, 5km, mb4.1/37, MS4.3/1, Error ellipse: s-maj=8.6km s-min=5.6km az=30.7

ISC 08 12:01:08.0-0.5, 9:88N:85:51W, h33km, 29km, mb3.6/6, mb1.4/0.7, mb1mx3.7/34, mbtmp3.8/7, ML3.2/1, MS4.5/2, Ms1.4/5.2, ms1mx3.8/33, Error ellipse: s-maj=55.5km s-min=24.1km az=19.0

ISC 08 12:01:07.1-1.4, 9:87N:0:06:85:58W:0.04, h28km, 8km, n86, s126/100, mb4.2/37, 6C-1D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like VCR Vista de Mar, JTS JuntasAbangare, JTS JuntasAbangare, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like YCR Vista de Mar, JTS JuntasAbangare, JTS JuntasAbangare, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like Z45A Winona, Y52A Lilburn, JCT Junction City, etc.

ISC 08 12:17:06.9-0.1, 36:76N:142:89E, h42km, ML4.0

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like J36A Lajitas Array, W13A Hualapai Mount, VT1 Waterbury, etc.

ISC 08 12:17:06.9-0.1, 36:76N:142:89E, h42km, ML4.0

ISC 08 12:17:06.9-0.1, 36:76N:142:89E, h42km, ML4.0

ISC 08 12:17:06.9-0.1, 36:76N:142:89E, h42km, ML4.0

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like JAGI Jajag, Banyuwa, IGBI Denpasar, etc.

ISC 08 12:17:06.9-0.1, 36:76N:142:89E, h42km, ML4.0

ISC 08 12:17:06.9-0.1, 36:76N:142:89E, h42km, ML4.0

Table with columns: Code, Station Name, Az, El, Az, El, Time, Res. Includes stations like ONAJ Iwakimizuishi, JFK Kawouchi, JHO Hitachi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JOM, JRY, JOD2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BESP, PLP, MSLP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAY, SOEI, BATI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISCB, ISCH, ISCI, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 08, IDC 12, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 08, IDC 12, etc.

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

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

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

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

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

8d 12h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TWKB1 Hengchun, TWKBT Hengchun, SGLT Jiuru, etc.

2012 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TWB1 Santiao Chiao, NWF Wu-fen Shan, WFSB Wu-fen Shan, etc.

542

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LEM Lembang, PBKT Sadao Pong, INU Inuyama, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like MNAS, KK31, ARU, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like FETA, JCT, JCT, etc.

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

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

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

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

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like CEME, UPM, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMKR Semkarok, BDR Baidarnaya, KZR Koryevsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAGI Jajag, IGBI Denpasar, GMLD Gumukmas, etc.

ISC 08 14:52:18.0, 6.29, 7.88N, 26.70E, h5km, ML2.6/10
ISC 08 14:52:18.0, 6.29, 7.85N, 0.03, 26.70E, 0.04, h2km, 6km, Error ellipse: s-maj=6.0km s-min=4.3km az=163.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DGB Zmir, GMLD Gumuldur, ZEY Zmir, etc.

SOME 08 14:53:27.7, 39.93N, 75.38E, h0km
KRNE 08 14:53:28.0, 1.1, 39.91N, 75.36E, mb3.1
NCC 08 14:53:28.0, 2.1, 39.93N, 75.36E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=18.9km s-min=6.5km az=152.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, NFN Naryn, ARLS Aral, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTBS Matibue, MNAS Manas, etc.

ISC 08 14:52:18.1, 1.1, 37.87N, 0.03, 26.70E, 0.03, h14km, 8km, n24, 0.027/33, Dodecanese Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, etc.

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

ISC 08 15:20:28.0, 6.29, 41S, 176.28W, h0km, mb4.3/15, mb1 4.5/15, mb1mx4.4/22, mbtmp4.3/15, MS3.3/6, Ms1 3.3/6, ms1mx3.0/29, Error ellipse: s-maj=20.8km s-min=18.0km az=113.0

ISCJB 08 15:20:30.0, 0.5, 29.77S, 0.06, 176.24W, 0.07, h21km, mb4.4/17, MS3.4/4, Error ellipse: s-maj=9.4km

NEIC 08 15:20:30.0, 4.29, 58S, 176.25W, h35km, mb4.4/2, Error ellipse: s-maj=12.9km s-min=11.6km az=165.0

ISC 08 15:20:31.0, 5.29, 59S, 176.27W, 0.07, h21km, n43, 0.124/40, mb4.4/17, MS3.4/4, 1D, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, RAR Rarotonga, etc.

ISC 08 15:22:59.9, 1.1, 10.67N, 126.39E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.6/45, mbtmp3.9/5, MS3.1/4, Ms1 3.1/4, ms1mx2.8/29, Error ellipse: s-maj=79.9km s-min=20.1km az=61.0

ISCJB 08 15:23:00.3, 2.3, 10.92N, 0.05, 126.77E, 0.05, h22km, 19km, mb3.9/5, MS3.1/4, Error ellipse: s-maj=9.7km s-min=7.4km az=145.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BESP Borongan, PLP Palo, 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 LLLP, BUKP, MUSAAN, etc.

ISCJB 08 15:35:11.0,0.3,37.73N:0.02:72.35E:0.05, h119km, mb3.9/18, Error ellipse: s-maj=5.3km s-min=3.1km az=167.7

MOS 08 15:35:13.6,1.0,37.86N:72.39E, h139km, mb3.6/10, Error ellipse: s-maj=13.6km s-min=6.3km az=83.1

NINC 08 15:35:14.4,1.9,37.97N:72.00E, h120km, mb3.5, mpv4.2, Error ellipse: s-maj=17.9km s-min=12.4km az=161.0

IDC 08 15:35:14.4,2.5,37.91N:72.48E, h134km, mb3.6/14, mb1 3.7/19, mb1mx3.4/49, mbtmp4.0/19, Error ellipse: s-maj=17.2km s-min=14.9km az=175.0

ISC 08 15:35:11.9,0.4,37.79N:0.04:72.30E:0.04, h119km, n89, c252/104, mb3.8/18, 12C-10D, Tajikistan

Main table for station 547, listing codes, station names, coordinates, and other parameters.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like AB31, KKN, DMN, etc.

ISCJB 08 15:41:47.6,0.6,29.85N:10.0:88.0E:0.1, h37km, mb3.6/13, Error ellipse: s-maj=18.0km s-min=11.2km az=144.5

IDC 08 15:41:50.2,5.1,29.90N:88.06E, h43km, mb3.4/13, mb1 3.6/15, mb1mx3.4/44, mbtmp3.6/15, ML3.5/2, Error ellipse: s-maj=26.3km s-min=16.9km az=45.0

ISC 08 15:41:49.4,0.8,29.93N:10.1:88.1E:0.1, h37km, n15, c0567/15, mb3.6/13, Xizang

Main table for station 548, listing codes, station names, coordinates, and other parameters.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like PCIG, THIG, TGIG, etc.

NIED 08 15:49:00.35:80N:141.10E, h8km, Mw3.7 Best double couple: M3.79000x10^14 NP1:8x104.00000, 847.00000, lambda-134.00000. NP2:8x339.00000, 859.00000, lambda-54.00000

IDC 08 15:49:10.5,1.1,35.74N:140.96E, h0km, mb3.5/6, mb1 3.6/9, mb1mx3.5/42, mbtmp3.5/9, ML3.4/3, Error ellipse: s-maj=26.7km s-min=16.9km az=79.0

ISCJB 08 15:49:11.2,0.8,35.78N:102.03:141.06E:0.08, h20km, mb3.6/7, Error ellipse: s-maj=10.4km s-min=5.4km az=169.1

JMA 08 15:49:12.4,0.2,35.76N:140.98E, h15km, 1km, M3.8 JMA Felt J1

ISC 08 15:49:11.9,1.3,35.79N:102.04:141.00E:0.07, h12km, 7km, n20, c0599/27, mb3.5/7, 2C-2D, Near east coast of eastern Honshu

Main table for station 549, listing codes, station names, coordinates, and other parameters.

IDC 08 16:07:56.1,0.9,10.61N:126.26E, h0km, mb3.8/9, mb1 4.0/9, mb1mx3.7/40, mbtmp3.8/9, MS3.0/2, M1 3.0/2, ms1mx2.4/52, Error ellipse: s-maj=58.7km s-min=14.8km az=66.0

ISCJB 08 16:07:58.1,0.7,10.93N:105.126:78E:0.07, h44km, mb3.7/9, Error ellipse: s-maj=9.4km s-min=6.5km az=175.2

ISC 08 16:08:00.8,0.8,10.87N:105.126:76E:0.09, h44km, n22, c190/27, mb3.7/9, 1C-1D, Philippine Islands region

Main table for station 550, listing codes, station names, coordinates, and other parameters.

IDC 08 16:21:58.7,28.0,16.13S:174.746W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.7/49, mbtmp4.0/4, Error ellipse:

8d 16h

FINES	FINES Array B	92.98 332	i P	P	16 40 48.0	-0.7
FINES				pmax		
comp=Z,1.6nm,0.6s,baz=53,slow=7.4,SNR=6.4						
SORM	Sorca	93.83 318	fl P	P	16 40 51.8	-1.1
SORM	Sorca	93.83 318	fl P	P	16 40 51.8	-1.1
CFR	Carcaliu	94.38 315	fl P	P	16 40 53.5	-2.0
CFR	Carcaliu	94.38 315	fl P	P	16 40 53.5	-2.0
DLBC	Dease Lake	94.80 31	P	P	16 40 57.7	+0.4
comp=Z,7.7nm,0.9s,baz=139,slow=6.0,SNR=5.7						
TESR	Tescani	95.21 317	fl P	P	16 40 58.5	-0.8
VRI	Vrincioia	95.26 316	fl P	P	16 40 59.0	-0.6
VRI	Vrincioia	95.26 316	fl P	P	16 40 59.0	-0.6
PJOR	Plostina	95.31 316	fl P	P	16 40 59.0	-0.9
PJOR	Plostina	95.31 316	fl P	P	16 40 59.0	-0.9
BZC	Bicz	95.37 317	fl P	P	16 41 00.5	-0.2
MLR	Muntele Rosu	95.86 316	fl P	P	16 41 01.5	-0.9
comp=Z,7.0nm,0.9s,baz=139,slow=1.6,SNR=12						
MLR	Muntele Rosu	95.86 316	fl P	P	16 41 01.6	-0.9
MLR	Muntele Rosu	95.86 316	fl P	P	16 41 01.7	-0.8
MLR	Muntele Rosu	95.86 316	fl P	P	16 41 01.7	-0.8
BURAR	Bucovina Array	95.99 318	fl P	P	16 41 03.0	0.0
BURAR	Bucovina Array	95.99 318	fl P	P	16 41 03.0	0.0
BUR04	Bucovina Ar. S	95.99 318	fl P	P	16 41 02.1	-0.9
BUR08	Bucovina Ar. S	96.00 318	fl P	P	16 41 03.1	+0.1
VOIR	Vitosh	96.49 316	fl P	P	16 41 03.6	-1.7
VOIR	Vitosh	96.49 316	fl P	P	16 41 03.6	-1.7
DRGR	Drgr	97.83 318	fl P	P	16 41 10.6	-0.7
DRGR	Drgr	97.83 318	fl P	P	16 41 10.6	-0.7
VTS	Vitosh	98.32 313	fl P	P	16 41 12.7	-1.0
VTS	Vitosh	98.32 313	fl P	P	16 41 12.7	-1.0
HFS	Hagfors	99.17 322	P	Pdf	16 41 16.9	0.0
comp=Z,4.4nm,0.9s,baz=147,slow=6.4,SNR=2.8						
NOA	NORSAR Array B	99.95 334	P	Pdf	16 41 19.9	-0.6
comp=Z,1.3nm,0.9s,baz=66,slow=4.6,SNR=3.3						
NOA				LR	17 32 26.4	
03D3	Eldon	101.63 41	P	Pdf	16 41 30.1	+2.0
GERES	GERES Array B	103.12 321	P	Pdf	16 41 34.3	-0.5
comp=Z,0.6nm,0.8s,baz=97,slow=5.4,SNR=3.3						
GERES				PP	16 45 50.8	+0.9
comp=Z,0.6nm,0.8s,baz=93,slow=5.3,SNR=4.2						
NVAR	Minna Array Bea	107.71 48	PP	PP	16 46 19.9	-4.4
comp=Z,0.3nm,0.6s,baz=268,slow=9.9,SNR=2.6						
Halley		108.70 42	P	PKIKP	16 46 05.7	+0.8
R11A	Troy Canyon, C	109.75 48	P	PKIKP	16 46 08.3	+1.2
EGMT	Esleton	109.77 37	P	PKIKP	16 46 07.4	+0.7
LAO	LASA Array	112.52 37	P	PKIKP	16 46 13.6	+1.7
O22A	White River Ci	114.31 44	P	PKPdf	16 46 16.4	+0.6
S20A	4UR Ranch, Cre	116.35 45	P	PKPdf	16 46 21.0	+1.1
SDCO	Great Sand Dun	117.29 45	P	PKPdf	16 46 22.2	+0.5
ANMO	Albuquerque	117.83 48c	iPKIKP	PKPdf	16 46 22.7	+0.1
ANMO				pmax		
comp=Z,5.0nm,2.5s						
ANMO	Albuquerque	117.83 48	P	PKPdf	16 46 23.8	+1.2
T25A	Trinidad	118.34 45	P	PKPdf	16 46 23.4	-0.2
ECSD	EROS Data Cent	119.79 35	P	PKPdf	16 46 25.4	-0.6
MXST	Cornudas Mount	120.00 51	P	PKPdf	16 46 27.6	+0.9
E38A	The Farm, Brul	120.63 30	P	PKPdf	16 46 27.5	+0.1
H36A	Jessenland, He	120.76 33	P	PKPdf	16 46 28.0	+0.3
F38A	Pierce - Schro	120.91 31	P	PKPdf	16 46 28.2	+0.2
M39A	Muleshoe	120.99 48	P	PKPdf	16 46 29.6	+0.9
ESTX	Mellen	121.28 29	P	PKPdf	16 46 28.6	-0.1
H37A	Dierke Farm, C	121.30 32	P	PKPdf	16 46 29.1	+0.3
I37A	Lemond, Waseca	121.41 33	P	PKPdf	16 46 29.4	+0.4
F39A	Loretta	121.42 30	P	PKPdf	16 46 29.3	+0.3
G38A	Ridgeland	121.46 31	P	PKPdf	16 46 28.5	-0.6
E40A	Wakefield	121.55 29	P	PKPdf	16 46 29.9	+0.7
H38A	Malden Rock	121.58 32	P	PKPdf	16 46 29.6	+0.3
K36A	Gilmore City	121.71 35	P	PKPdf	16 46 30.0	+0.4
G39A	Holcombe	121.73 31	P	PKPdf	16 46 29.7	+0.1
F40A	Park Falls	121.82 30	P	PKPdf	16 46 29.9	+0.1
K37A	Belmond	122.09 34	P	PKPdf	16 46 30.3	-0.1
H39A	Augusta	122.09 31	P	PKPdf	16 46 30.1	-0.2
G40A	Rib Lake	122.24 30	P	PKPdf	16 46 30.8	+0.3
MDT	Midelt	122.24 312	PKP	PKPdf	16 46 31.3	+0.2
comp=Z,1.2nm,0.6s,baz=244,slow=3.4,SNR=3.8						
TXAR	Lajitas Array	122.32 53	PKP	PKPdf	16 46 31.1	-0.2
comp=Z,0.6nm,0.7s,baz=302,slow=3.9,SNR=3.5						
F41A	Three Lakes	122.44 29	P	PKPdf	16 46 30.9	0.0
I39A	Houston	122.53 32	P	PKPdf	16 46 30.8	-0.3
KSU1	Kansas State U	122.56 39	P	PKPdf	16 46 31.6	+0.3
H40A	Chili	122.59 31	P	PKPdf	16 46 31.2	0.0
J39A	Decorah	122.78 33	P	PKPdf	16 46 31.3	-0.3
H41A	Junction City	122.97 30	P	PKPdf	16 46 32.1	+0.1
I40A	Norwalk	122.98 32	P	PKPdf	16 46 32.0	-0.1
K39A	Delwein	123.11 33	P	PKPdf	16 46 31.2	-1.1
G42A	Mountain	123.13 29	P	PKPdf	16 46 32.0	-0.3
J40A	Soldiers Grove	123.26 32	P	PKPdf	16 46 32.2	-0.4
F43A	Flat Rock, Esc	123.30 28	P	PKPdf	16 46 32.6	0.0
TORD	Torodi Ar. Bea	123.37 287	PKP	PKPdf	16 46 32.5	-1.0
comp=Z,1.6nm,0.8s,baz=33,slow=2.1,SNR=8.8						
TORD				PKKPbc	16 56 23.1	-0.1
comp=Z,1.8nm,1.1s,baz=241,slow=3.1,SNR=4.7						
L39A	Vinton	123.43 34	P	PKPdf	16 46 32.8	-0.1
WMOK	Wichita Mounta	123.50 45	P	PKPdf	16 46 33.6	+0.3
K40A	Colesburg	123.52 33	P	PKPdf	16 46 32.4	-0.3
J41A	Logansville	123.66 32	P	PKPdf	16 46 32.8	-0.5
P37A	Lathrop	123.67 38	P	PKPdf	16 46 32.6	-0.9
M39A	Webster	123.76 35	P	PKPdf	16 46 33.3	-0.2
JFWS	Jewell Farm	123.85 32	P	PKPdf	16 46 33.2	-0.5
L40A	Anamosa	123.90 34	P	PKPdf	16 46 32.8	-1.1
P38A	Dawn	124.15 37	P	PKPdf	16 46 34.4	0.0
M40A	Post Highland	124.18 34	P	PKPdf	16 46 33.8	-0.5
O39A	Kirksville	124.34 36	P	PKPdf	16 46 34.7	0.0
N42A	Prairie Point,	124.42 32	P	PKPdf	16 46 34.3	-0.4
K40A	Mertquake, Sal	124.48 35	P	PKPdf	16 46 34.4	-0.5
Q38A	Cooks Store, C	124.51 38	P	PKPdf	16 46 34.1	-1.0
P39B	Salisbury	124.70 37	P	PKPdf	16 46 35.4	0.0
L42A	Oliver, Polo	124.79 33	P	PKPdf	16 46 35.3	-0.3
R38A	Fenwick Farm,	124.80 39	P	PKPdf	16 46 34.9	-0.8

2012 SEP

O40A	La Belle	124.81 36	P	PKPdf	16 46 35.5	-0.1
JCTA	Junction City	124.84 50	P	PKPdf	16 46 36.1	0.0
Q39A	Willow Grove F	124.84 37	P	PKPdf	16 46 35.6	-0.2
P40A	Paris	125.09 36	P	PKPdf	16 46 36.3	+0.1
S38A	Stockton	125.14 39	P	PKPdf	16 46 36.4	+0.1
L43A	Garden Prairie	125.16 32	P	PKPdf	16 46 35.8	-0.4
T38A	Diamond	125.25 40	P	PKPdf	16 46 36.8	+0.2
R39A	Chumby, Stover	125.26 38	P	PKPdf	16 46 36.4	-0.2
O41A	Passleys Farm,	125.39 35	P	PKPdf	16 46 36.0	-0.7
Q40A	Laux Farm, Aux	125.42 37	P	PKPdf	16 46 36.4	-0.5
S39A	Bollivar	125.47 39	P	PKPdf	16 46 36.5	-0.5
P41A	Barry, Barry	125.58 36	P	PKPdf	16 46 37.2	+0.1
R40A	Maddies Statio	125.75 38	P	PKPdf	16 46 37.4	-0.1
T39A	Clever	125.84 40	P	PKPdf	16 46 37.6	-0.1
Q41A	Truxton	125.95 36	P	PKPdf	16 46 37.9	+0.1
HDL	Hopdale	125.99 34	P	PKPdf	16 46 38.0	+0.1
S40A	Lebanon	126.04 38	P	PKPdf	16 46 37.6	-0.5
P42A	Winchester	126.05 35	P	PKPdf	16 46 37.7	-0.3
U39A	Green Forest	126.16 40	P	PKPdf	16 46 37.9	-0.4
R41A	Rosebud	126.28 37	P	PKPdf	16 46 38.6	+0.1
T40A	Manfield	126.31 39	P	PKPdf	16 46 38.6	0.0
V39A	Pettigrew	126.38 41	P	PKPdf	16 46 39.1	+0.2
Q42A	Golden Eagle	126.39 36	P	PKPdf	16 46 39.2	+0.5
P43A	Skaggs, Pawnee	126.49 35	P	PKPdf	16 46 39.1	+0.2
S41A	Wichita Farms,	126.51 38	P	PKPdf	16 46 38.9	-0.1
U40A	Yellville	126.58 40	P	PKPdf	16 46 38.7	-0.4
R42A	Luepeling	126.65 37	P	PKPdf	16 46 39.3	+0.1
W39A	Magazine	126.67 42	P	PKPdf	16 46 39.5	+0.1
X39A	Fountain Ranch	126.84 43	P	PKPdf	16 46 40.0	+0.2
T41A	Mountain View	126.84 39	P	PKPdf	16 46 39.4	-0.3
Q43A	New Douglas	126.86 35	P	PKPdf	16 46 39.9	+0.3
V40A	Witts Springs	126.93 40	P	PKPdf	16 46 40.3	+0.4
S42A	Caledonia	126.98 37	P	PKPdf	16 46 39.6	-0.3
P44A	Bar Creek, Wi	127.11 34	P	PKPdf	16 46 40.3	+0.2
R43A	Red Bud	127.16 36	P	PKPdf	16 46 40.2	0.0
MIAR	Mount Ida	127.18 42	P	PKPdf	16 46 40.9	+0.5
U41A	Viola	127.18 39	P	PKPdf	16 46 40.7	+0.4
T42A	Van Buren	127.27 38	P	PKPdf	16 46 40.6	+0.2
Q44A	Meyer Farm, Va	127.27 35	P	PKPdf	16 46 40.7	+0.3
V41A	Mountainview	127.38 40	P	PKPdf	16 46 40.4	-0.3
LAT0	La Tuque	127.48 17	P	PKPdf	16 46 40.3	-0.2
L48A	N Adams	127.52 29	P	PKPdf	16 46 40.3	-0.5
S43A	Ful Ridge,	127.54 37	P	PKPdf	16 46 41.2	+0.3
P45A	Graceland, Par	127.56 34	P	PKPdf	16 46 41.1	+0.2
U42A	Reynolds	127.61 39	P	PKPdf	16 46 41.2	+0.2
L49A	Milan	127.72 29	P	PKPdf	16 46 42.2	+1.1
T43A	Greenville	127.73 38	P	PKPdf	16 46 41.3	0.0
Q45A	Warren Harvey,	127.77 34	P	PKPdf	16 46 42.2	+0.

SAUI	376nm,0.9s,1.6nm	S	Sn	16 34 05.8 +3.6	
SAUI	Saunilaki	6.14 223	ePn	Pn	16 32 56.0 +3.4
MSAI	Masohi	6.55 271	P	P	16 32 59.4 +1.2
MSAI	22nm,0.8s,1.0um,0.1nm	S	Sn	16 34 12.9 +0.6	
AAI	Ambon	7.28 268	P	Pn	16 33 10.2 +1.9
AAI	63nm,0.6s,0.3nm	S	Sn	16 34 32.6 +2.2	
NLAI	Namlea	8.38 271	P	Pn	16 33 25.0 +1.7
NLAI	48nm,0.6s	S	Sn	16 34 57.7 +0.4	
LBMI	Labuha	8.45 289	P	Pn	16 33 22.8 -1.6
TNTI	Ternate	9.13 297	P	Pn	16 33 34.0 +0.3
TNTI	Ternate	9.13 297	ePn	Pn	16 33 33.0 +0.7
SANI	Sanana	9.59 278	P	P	16 33 40.8 +0.9
MTN	Manong Dam	10.28 205	ePn	Pn	16 33 51.0 +1.5
KMSI	Cibinong	12.17 289	P	Pn	16 34 16.3 +0.9
SGSI	Sangihe	12.22 305	P	Pn	16 34 16.0 +0.1
SOEI	Soe	12.78 240	ePn	Pn	16 34 25.3 +1.5
SOEI	12.78 240	ePn	Pn	16 34 23.2 +0.7	
KDI	Kendari	12.85 267	P	Pn	16 34 25.8 +1.2
COEN	Coen	12.91 144	ePn	Pn	16 34 24.0 -1.5
LUWI	Luwuk	12.93 280	P	Pn	16 34 26.4 +0.7
LUWI	Luwuk	12.93 280	ePn	Pn	16 34 26.6 +1.0
PMG	Port Moresby	13.02 118	ePn	Pn	16 34 29.4 +2.5
PMG	1.9nm,0.3s,baz=278,slo=15,SNR=7.3	S	Sn	16 36 46.0 -5.2	
PMG	0.8nm,0.3s,baz=258,slo=20,SNR=4.0	S	Sn	16 34 28.7 +1.8	
PMG	Port Moresby	13.02 118	ePn	Pn	16 35 46.9 -5.2
BBSI	Bau Bau	13.04 261	P	Pn	16 34 29.2 +2.0
BATI	Baumata	13.52 240	Pn	Pn	16 34 34.9 +1.0
BATI	12nm,0.3s,baz=105,slo=1.6,SNR=14	S	Sn	16 37 03.5 0.0	
BATI	1.9nm,0.3s,baz=255,slo=20,SNR=2.3	S	Sn	16 34 35.2 +1.4	
BATI	Baumata	13.52 240	P	Pn	16 34 42.6 +1.5
APSI	Ampana	14.05 280	P	Pn	16 34 41.1 -0.4
MRSI	Marisa	14.09 286	P	Pn	16 34 44.1 +1.8
MRSI	14.09 286	P	Pn	16 34 50.4 +0.5	
MHRI	Maumere	14.15 248	P	Pn	16 34 57.1 +0.8
EDFI	Ende Flores	14.69 248	P	Pn	16 35 00.9 +2.0
BBSI	Bau Bau, Buton	15.18 259	P	Pn	16 34 59.8 +0.2
BNSI	Bone	15.38 266	P	Pn	16 35 02.3 -0.2
BKSI	Bulukumba	15.43 263	P	Pn	16 35 04.9 +1.9
TTSI	Tana Toraja	15.65 271	P	Pn	16 35 06.0 +1.0
SFSI	Sidrap	15.69 258	P	Pn	16 35 07.2 -0.1
PCPI	Palu	15.84 279	P	Pn	16 35 11.7 +0.9
MPSI	Mapaga	16.03 283	P	Pn	16 35 09.7 -2.9
WSI	Waingapu	16.30 247	P	Pn	16 38 02.5 -1.2
WRA	Warrungga Arr	16.44 184	Pn	Sn	16 35 24.4 -1.0
WRA	3.0nm,0.3s,baz=2.4,slo=13,SNR=7.9	S	Sn	16 38 26.1 -1.3	
FITZ	Fitzroy Crossi	17.47 213	P	Pn	16 35 24.1 -1.4
FITZ	3.7nm,0.3s,baz=41,slo=13,SNR=22	S	Sn	16 38 26.1 -1.3	
FITZ	4.0nm,0.3s,baz=194,slo=14,SNR=6.7	S	Sn	16 35 24.1 -1.4	
FITZ	Fitzroy Crossi	17.47 213	ePn	Pn	16 38 26.1 -1.3
TWSI	Taliwang Sumb	19.23 253	P	Pn	16 35 46.3 +0.3
CTA	Charters Tower	19.59 148	P	Pn	16 35 52.7 +1.3
CTA	1.1nm,0.3s,baz=322,slo=12,SNR=16	S	Sn	16 39 36.0 +5.1	
CTA	0.3nm,0.3s,baz=52,slo=19,SNR=2.7	S	Sn	16 35 51.3 -0.1	
CTAO	Charters Tower	19.59 148	eP	Pn	16 35 58.0 -0.2
ASAR	Alice Springs	20.16 184	P	Pn	16 39 32.0 -1.0
ASAR	24nm,0.6s,baz=11,slo=11,SNR=31	S	Sn	16 39 32.0 -1.0	
ASAR	4.1nm,0.6s,baz=1.9,slo=28,SNR=4.1	S	P	16 36 30.0 -0.1	
MWBA	Marble Bar	23.34 220	eP	P	16 36 30.0 -0.1
DZM	Mont Dzum	25.28 124	P	P	16 38 17.1 +0.4
JNU	Nakatsue	36.63 354	P	P	16 38 27.2 -0.8
NJ2	Nanjing	38.68 337	eP	Pmax	16 38 44.8 -0.5
NJ2	comp=Z,6.0nm,0.5s	S	Pmax	16 38 53.8 -1.4	
MJAR	Matsushiro Arr	39.86 3	P	P	16 38 53.5 -1.7
MJAR	2.4nm,0.7s,baz=182,slo=9.3,SNR=8.4	S	P	16 39 03.0 +0.1	
MAT	Matsushiro	39.86 3	P	P	16 39 03.0 +0.1
GYA	Guiyang	40.75 319	eP	Pmax	16 39 06.2 -0.7
GYA	comp=Z,10.0nm,0.8s	S	Pmax	16 39 06.2 -0.7	
KSAR	Koror Arr	41.29 351	P	P	16 39 06.2 -0.7
KSR	Koror Arr	41.29 351	P	P	16 39 06.2 -0.7
CMAR	Chiang Mai Arr	42.06 302	P	P	16 39 13.5 -0.1
KMI	Kumming	42.62 314	P	Pmax	16 39 19.0 +0.7
KMI	comp=Z,12nm,0.6s	S	Pmax	16 39 42.0 -0.2	
CD2	Chengde	45.64 321	eP	P	16 39 56.6 -0.2
USKR	Ussuriysk Ar.	47.53 357	P	P	16 39 57.8 -0.9
ASAJ	Asahikawa	47.77 7	P	P	16 39 58.1 -1.5
CN2	Changchun	47.89 350	eP	P	16 40 14.0 +3.9
LZH	Lanzhou	49.20 326	eP	sP	16 40 23.6 +4.0
LZH	49.20 326	eP	sP	pP	16 40 28.5 +1.2
LZH	comp=Z,24nm,1.0s	S	Pmax	16 40 10.7 +0.8	
HHC	Hu-ho-hao-te	49.21 336	eP	S	16 40 17.8 -3.0
HHC	comp=Z,16nm,1.1s	S	Pmax	16 40 17.8 -3.0	
HHC	comp=Z,92nm,5.0s	S	Pmax	16 40 17.8 -3.0	
HHC	comp=N,130nm,9.5s	S	LR	16 40 17.8 -3.0	
HHC	comp=E,120nm,8.6s	S	LR	16 40 34.3 -0.6	
KLR	Kul'dur	52.56 357	P	P	16 40 45.6 +1.2
GTA	Changchun	47.89 350	eP	sP	16 40 56.3 +2.2
GTA	Gaotai	53.81 326	iP	pP	16 40 59.8 +8.4
GTA	comp=Z,7.0nm,0.8s	S	Pmax	16 40 56.5 +0.6	
ODAN	Odare	55.34 306	eP	P	16 41 01.4 +0.6
RAMN	Ramite	56.01 306	eP	P	16 41 06.1 +0.7
JIRN	Jirani	56.64 306	eP	P	16 41 08.6 +0.7
GUN	Gumba	57.00 307	eP	P	16 41 07.1 -0.7
SONM	Songjio Array	57.07 337	P	P	16 41 11.1 +0.3
KKN	Kakani	57.43 306	eP	P	16 41 11.5 +0.2
DMN	Dama	57.50 306	eP	P	16 41 21.0 +0.7
KOLN	Koldanda	58.78 305	eP	P	16 41 21.4 +0.3
DANN	Dangsing	58.88 306	eP	P	16 41 23.6 +0.1
PETK	Petropavlovsk-	59.37 15	P	P	16 41 25.4 +0.8
PYUN	Piuthan	59.41 305	eP	P	16 41 53.7 +1.1
WMQ	Urumqi	63.63 323	pP	pP	16 42 05.1 +2.8
WMQ	comp=Z,20nm,1.3s	S	Pmax	16 41 53.7 +1.1	
WMQ	comp=Z,140nm,4.9s	S	LR	16 42 05.1 +2.8	
WMQ	comp=N,640nm,25.5s	S	LR	16 41 11.5 +0.2	
WMQ	comp=E,370nm,28.7s	S	LR	16 41 21.0 +0.7	
WMQ	comp=Z,550nm,28.7s	S	LR	16 41 23.6 +0.1	
MK01	Makanchi Array	68.42 324	eP	P	16 42 23.0 -0.4

MK31	Makanchi Array	68.44 324	eP	P	16 42 23.2 -0.3
MKAR	Makanchi Array	68.44 324	P	P	16 42 23.7 +0.2
MAZK	Makanchi	68.63 324	eP	P	16 42 23.4 -1.3
ZALV	Zalesovo Beam	70.98 331	P	P	16 42 38.4 -0.6
ZALV	Zalesovo Beam	70.98 331	eP	P	16 42 36.7 -2.2
VNDA	Vanda	75.36 174	P	P	16 43 04.3 -0.1
BRVK	Borovyoe	78.17 326	eP	P	16 43 19.9 -0.7
MAW	Mawson	80.25 202	P	P	16 43 32.0 +0.2
GEYT	Alibeck	82.18 309	P	P	16 43 42.6 -0.1
AKTO	Aktubinsk	84.69 321	P	P	16 43 54.8 -0.5
IM3	Indian Mountai	85.40 23	eP	P	16 43 58.2 -0.4
QSPA	South Pole Qui	86.51 180	eP	P	16 44 04.3 0.0
SCM	Sheep Creek Mo	86.99 28	eP	P	16 44 05.8 -0.7
WRH	Wood River Hill	87.26 25	eP	P	16 44 06.3 -1.5
ILAR	Eielson Array	87.84 25	P	P	16 44 08.9 -1.6
ILB	Eielson Array	87.84 25	eP	P	16 44 08.5 -2.0
ARCES	ARCES Array B	100.13 340	P	Pdf	16 45 05.6 -1.2
TORD	Tord Ar. Bea	133.35 285	PKP	PKPdf	16 50 36.8 -1.8
NNA	Nana	144.39 116	PKP	PKPbc	16 50 57.9 +0.6
ATAH	Athualpa	144.59 107	PKP	PKPbc	16 50 58.9 +0.5
CPUR	Villa Florida	147.91 158	PKPbc	PKPbc	16 51 07.6 +0.2
LPAZ	La Paz	149.51 131	PKPbc	PKPbc	16 51 12.9 +0.4
SIV	San Ignacio	154.68 140	PKPbc	PKPbc	16 51 23.9 +0.3
SIV	0.5nm,0.4s,baz=250,slo=3.5,SNR=3.8	S	P	16 51 23.9 +0.3	

ISC/JB 08 16:32:27.7z-1.1,29:94S:0.04z:71:87W:0.09,h38km,25km,
 Error ellipse: s-maj=13.0km s-min=7.1km az=11.3
 GUC 08 16:32:27.9z-0.7,29:91S:71:55W,h66km,4km,ML3.6
 SJA 08 16:32:29.3z-0.2,30:06S:71:48W,h10km,ML3.0,MW3.1
 ISC 08 16:32:26.9z-2.5,29:87S:0.05z:72:0W:0.1,h34km,3km,n17,
 e148/25,2C-30,Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	
Code	Station Name	Δ°	AZ°	Phase ID	h	s	ISC
LSCH	La Serena	0.61	94	eP	Pb	16 32 39.2 -0.1	
LSCH	La Serena	0.61	94	iS	Sb	16 32 46.9 -1.0	
GO04	Tololo Observa	1.04	107	iP	Sn	16 32 44.5 -0.8	
GO04	Tololo Observa	1.04	107	iS	Sn	16 32 56.4 -2.5	
GO04	Tololo Observa	1.04	107	iP	Sn	16 32 57.5	
LCO	Las Campanas	1.38	52	iP	Pn	16 32 50.4 +0.3	
LCO	Las Campanas	1.38	52	iS	Pn	16 33 06.6 -0.7	
LCO	Las Campanas	1.38	52	iP	Pn	16 33 08.2	
CMCH	Combarbala	1.54	148	iP	Pn	16 32 52.2 +0.2	
CMCH	Combarbala	1.54	148	iS	Pn	16 33 09.3 -1.5	
GO03	Copiap	2.72	34	iP	Pn	16 33 08.7 +0.4	
GO03	Copiap	2.72	34	iP	Pn	16 33 52.7	
RTLS	Leoncito	2.98	131	eP	Sn	16 33 13.8 +1.7	
RTLS	Leoncito	2.98	131	eS	Sn	16 33 46.9 0.0	
RTLS	Leoncito	2.98	131	eP	Sn	16 33 51.9	
AGUA	GUANDACOL	3.03	84	eP	Pn	16 33 14.9 +2.3	
AGUA	GUANDACOL	3.03	84	eS	Pn	16 33 48.4 +0.5	
AMOG	MOGNA	3.17	111	eP	Pn	16 33 15.6 +1.1	
ROCH	Ei Roble	3.20	166	iP	Pn	16 33 56.2	
AUSP	Lisapalata	3.22	138	eP	Pn	16 33 17.3 -2.0	
PEL	Peledue	3.44	162	eP	Pn	16 33 18.8 +0.7	
PEL	Peledue	3.44	162	iS	Sn	16 33 56.1 -1.6	
PEL	Peledue	3.44	162	iP	Sn	16 33 59.3	
RTVC	Cerro Calan	3.54	125	eP	Pn	16 33 21.0 +1.4	
CLCH	Cerro Calan	3.72	161	iP	Pn	16 33 22.6 +0.6	
CLCH	Cerro Calan	3.72	161	eS	Pn	16 34 04.0 -0.6	
CLCH	Cerro Calan	3.72	161	iP	Pn	16 34 20.1	
ASAL	CERRO ARCO	3.81	136	eP	Pn	16 33 25.2 +2.0	
ARCO	CERRO ARCO	3.93	140	eP	Pn	16 33 27.2 +2.2	
ARCO	CERRO ARCO	3.93	140	iP	Pn	16 33 28.9	
AAGR	Agrelo	4.17	141	eP	Pn	16 33 30.6 +2.4	
LMEL	Las Melosas	4.24	160	eP	Pn	16 33 19.2 +0.7	
LMEL	Las Melosas	4.24	160	eS	Pn	16 34 16.8 -0.8	

ISC/JB 08 16:40:14.8z-0.3,38:37N:0.01z-22:08E:0.02,h13km,2km,
 mb3.77,MS4.0/1,Error ellipse: s-maj=2.6km s-min=2.2km
 az=140.6
 ATH 08 16:40:14.6z-38:37N:22:10E,h13km,1km,ML3.2/1,Error
 ellipse: s-maj=1.2km s-min=0.6km az=291.0,ML
 Amplitudes are expressed in micrometres All distances are
 expressed in km

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	
Code	Station Name	Δ°	AZ°	Phase ID	h	s	ISC
TRIZ	Trizonia	0.02	329	P	Sg	16 40 16.7 -0.2	
TRIZ	Trizonia	0.02	329	P	Sg	16 40 18.2 -0.4	
TRIZ	Trizonia	0.02	329	P	Sg	16 40 16.7 -0.2	
TRIZ	Trizonia	0.02	329	P	Sg	16 40 18.1 -0.4	
KALE	Kaliithea	0.06	46	S	Sg	16 40 17.7 -0.1	
KALE	Kaliithea	0.06	46	S	Sg	16 40 18.9 -0.3	
KALE	Kaliithea	0.06	46	S	Sg	16 40 19.1	
KALE	Kaliithea	0.06	46	S	Sg	16 40 19.1	
KALE	Kaliithea	0.06	46	S	Sg	16 40 17.2 -0.1	
KALE	Kaliithea	0.06	46	S	Sg	16 40 18.9 -0.3	
SERG	Sergoula	0.07	341	P	Sg	16 40 17.7 -0.1	
SERG	Sergoula	0.07	341	S	Sg	16 40 18.5 -0.8	
SERG	Sergou						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kurchatov, China Poot, Minas, Bradley Lake, Susitna One, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NORSAR Array S, Wits Springs, Palms Flores, GEC2, GEC3, GEC4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISCJB 08 18:00:03.71, ISC 08 18:00:06.01, BJT 08 18:27:07.7, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like BATI Baumata, SOEI Soe, MBWA Marble Bar, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like HHC comp=Z,27nm,0.9s, HHC comp=Z,130nm,4.6s, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like SNAA comp=Z,1.1nm,1.2s, LIT Litokhoron, etc.

ISK 08 18:35:23.9, 37.66N, 36.27E, h8km, ML2.5/8
DDA 08 18:35:24.0, 37.61N, 36.23E, h3km, ML3.4
ISC 08 18:35:24.2, 1.1, 37.62N, 0.003, h2km, g9km, n22, c089/34, Turkey

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like ANDN Andirin, SAIM ADANA, etc.

NNC 08 18:35:58.1, 6.1, 42.09N, 86.11E, h0km, mb3.2, mpv2.8,
Error ellipse: s-maj=44.2km s-min=29.5km az=132.0
ISC 08 18:35:58.6, 3.0, 41.8N, 0.2, 86.2E, 0.1, h23km, n4, c111/8,
5C-4D, Southern Xinjiang

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like WMQ Urumqi, PDGK Podgornoye, etc.

ROM 08 18:37:53.4, 0.1, 39.878N, 0.006, -16.01E, 0.01, h8km,
ML1.5/7, Southern Italy

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like MMN Morgano, T0701 Vicignello, etc.

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

NIED 08 18:30.0, 34.90N, 137.80E, h29km, Mw3.6 Best double couple: M2 47000, 1014 NP1, 214.00000, 880.00000, 3.00000, NP2, 124.00000, 887.00000, 1.70.00000, JMA 08 18:30.5-0.1, 34.86N-137.82E, h28km, Mw3.4, 5C-4D Broadband fault plane solution: P waves, NP1, 307.00000, 881.00000, 1.168.00000, NP2, 216.00000, 878.00000, 1.9.00000, Principal axes: T P1g2.0000, Azm81.0000, N P1g75.0000, Azm344.0000, P P1g15.0000, Azm172.0000; Near south coast of eastern Honshu

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

IDC 08 18:40.44.0.0.6, 11.25N, 126.71E, h0km mb4.0/17, mb1.4/17, mb1mx4.0/36, mbtmp4.0/17, MS3.1/3, Ms1.3.1/3, ms1mx2.7/43 Error ellipse: s-maj=24.6km s-min=12.5km az=85.0

ISCJB 08 18:40.45.6.1.4, 11.29N, 126.71E, h0km, mb4.7/25, h23km, 10km, mb4.5/39, MS3.0/2, Error ellipse: s-maj=5.8km s-min=4.4km az=172.8

NEIC 08 18:40.49.9.1.1, 11.23N, 126.69E, h43km, 11km, mb4.7/25, s-maj=7.0km s-min=4.7km az=84.0

ISC 08 18:40.48.0.3.9, 11.28N, 126.68E, h28km, 29km, n78, s125/85, mb4.6/39, 1C-2D, Philippine Islands region

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

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

NEIC 08 18:48.11.6.0.5, 21.54N, 146.25E, h10km, mb4.1/6, Error ellipse: s-maj=15.8km s-min=6.7km az=77.0

ISCJB 08 18:48.12.7.0.5, 21.55N, 146.25E, 0.1, h29km, mb4.8/12, Error ellipse: s-maj=14.8km s-min=5.8km az=169.8

IDC 08 18:48.18.1.4.0, 21.48N, 146.17E, h6km, 37km, mb3.5/10, mb1.3/8.12, mb1mx3.5/41, mbtmp3.8/12, ML3.9/2, Error ellipse: s-maj=29.9km s-min=15.1km az=89.0

ISC 08 18:48.14.6.0.7, 21.57N, 146.26E, 0.1, h29km, n29, s223/34, mb3.9/12, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SARIN, ANA2, ANA2, etc.

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

ISCJB 08 19:48.9.0.2.5, 14N, 103.156, 61E, 0.04, h276km, 1km, mb4.2/129, Error ellipse: s-maj=5.6km s-min=3.2km az=147.8

MOS 08 19:48.8.0.8.5, 3.15N, 156.56E, h278km, mb4.0/33, Error ellipse: s-maj=9.2km s-min=5.1km az=67.3

IDC 08 19:49.0.0.5, 53.22N, 156.48E, h270km, 4km, mb3.5/29, mb1.3/3.63, mb1mx3.6/57, mbtmp4.1/33, Error ellipse: s-maj=11.6km s-min=6.8km az=150.0

KRSC 08 19:49.5.1.2, 53.05N, 156.92E, h270km, 11km, ML4.4 NEIC 08 19:49.0.0.4, 53.20N, 156.51E, h271km, 4km, mb4.4/96, Error ellipse: s-maj=7.4km s-min=3.5km az=156.0

ISC 08 19:49.14.0.5, 53.12N, 104.156, 73E, 0.04, h276km, 4km, n305, s136/346, mb4.3/129, 5C-5D, Kamchatka Peninsula

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

SPN	Mys Shipunski	1.98	89	PN	Pn	19 20 33.0	-1.1
SKR	Severo-Kuril's	2.47	189	eP	S	19 20 37.9	-0.7
SKR				eS	S	19 21 15.3	-2.1
SKR	Severo-Kuril's	2.47	189	ePN	Pn	19 20 39.5	+0.9
SKR				eS	S	19 21 16.8	-0.6
SKR	comp=Z,16nm,0.4s				pmax		
SKR	comp=N,322nm,0.7s				smax		
SKR	comp=E,297nm,0.6s				smax		
TUMR	Tumrok	2.95	41	eP	Pn	19 20 44.6	+1.3
TUMR				eS	S	19 21 25.4	-0.6
TUMR	Tumrok	2.95	41	PN	Pn	19 20 44.6	+1.3
TUMR				eS	S	19 21 25.4	-0.6
ESO	Esso	3.04	21	eP	Pn	19 20 44.9	+0.8
ESO	Esso	3.04	21	PN	Pn	19 20 44.9	+0.8
MKZ	Mys Kozlova	3.29	62	eP	Pn	19 20 45.9	-0.8
MKZ				eS	S	19 21 27.1	-5.1
MKZ	Mys Kozlova	3.29	62	PN	Pn	19 20 45.9	-0.8
KMNR	Kamenistaya	3.34	36	eP	Pn	19 20 48.5	+1.1
KMNR	Kamenistaya	3.34	36	PN	Pn	19 20 48.5	+1.1
KOZ	Kozyrevsk	3.46	31	P	Pn	19 20 49.4	+0.8
KOZ	Kozyrevsk	3.46	31	PN	Pn	19 20 49.4	+0.8
KPT	Kopyto	3.50	34	eP	Pn	19 20 48.9	-0.2
KPT	Kopyto	3.50	34	PN	Pn	19 20 48.9	-0.2
KIRR	Kirishiev	3.53	35	eP	Pn	19 20 48.7	-0.8
KIRR	Kirishiev	3.53	35	PN	Pn	19 20 48.7	-0.8
BZMR	Bezmyannaya	3.57	36	eP	Pn	19 20 51.0	+1.1
BZMR	Bezmyannaya	3.57	36	PN	Pn	19 20 51.0	+1.1
BZWR	Bezmyannyi-We	3.59	36	eP	Pn	19 20 50.2	0.0
BZWR	Bezmyannyi-We	3.59	36	PN	Pn	19 20 50.2	0.0
BZGR	Bezmyannyi-Gr	3.65	38	eP	Pn	19 20 51.7	+1.0
BZGR	Bezmyannyi-Gr	3.65	38	PN	Pn	19 20 51.7	+1.0
LGNR	Loginova	3.76	36	eP	Pn	19 20 53.3	+1.2
LGNR	Loginova	3.76	36	PN	Pn	19 20 53.3	+1.2
CIRR	Tsirik	3.80	36	eP	Pn	19 20 53.9	+1.4
CIRR	Tsirik	3.80	36	PN	Pn	19 20 53.9	+1.4
KRSR	Krestovskiy	3.82	34	eP	Pn	19 20 53.0	+0.4
KRSR	Krestovskiy	3.82	34	PN	Pn	19 20 53.0	+0.4
KLY	Klyuchi	3.92	34	eP	Pn	19 20 55.3	+1.6
KLY	Klyuchi	3.92	34	PN	Pn	19 20 55.3	+1.6
BDR	Baidarnaya	4.32	35	eP	Pn	19 20 59.7	+1.5
BDR	Baidarnaya	4.32	35	PN	Pn	19 20 59.7	+1.5
SRKR	Sorokina	4.37	34	eP	S	19 21 00.1	+1.2
SRKR	Sorokina	4.37	34	PN	Pn	19 21 00.1	+1.2
SRKR				S	S	19 21 52.5	-1.6
SMKR	Semkarok	4.42	36	eP	Pn	19 21 00.9	+1.5
SMKR	Semkarok	4.42	36	PN	Pn	19 21 00.9	+1.5
SMKR				S	S	19 21 54.1	-1.1
KBTR	Krutoberegovo	4.70	46	eP	S	19 21 01.5	-1.1
KBTR	Krutoberegovo	4.70	46	PN	Pn	19 21 01.5	-1.1
KBTR				S	S	19 21 56.2	-4.7
BKI	Bering	5.82	65	eP	Pn	19 21 16.1	+0.1
BKI	Bering	5.82	65	PN	Pn	19 21 16.1	+0.1
BKI				S	S	19 22 19.7	-5.6
NKSL	Nikolayevsk	9.65	277	ePN	Pn	19 22 09.5	+0.5
SEY	Seychman	10.10	349	iPN	Pn	19 22 09.5	+0.5
YSS	Yuzh-Sakhalins	10.89	241	iPN	Pn	19 22 23.8	+1.3
YSS					pmax		
SHO	Shikotan	11.34	219d	iPN	Pn	19 22 21.1	-3.4
SHO					pmax		
SHO	comp=N,4.0nm,0.2s				pmax		
SHO	comp=E,3.0nm,0.2s				pmax		
SHO	comp=Z,15nm,0.2s				pmax		
ASAJ	Asahikawa	12.96	232	P	P	19 22 45.8	+0.3
ASAJ	Asahikawa	12.96	232	ePN	P	19 22 46.2	+0.8
ERM	Erimo	14.37	225	eP	P	19 22 00.0	-1.1
ERM	Erimo	14.37	225	eP	Pn	19 23 00.0	-1.1
TEY	Ternei	15.43	246l	eP	Pn	19 23 15.8	+1.9
TEY					pmax		
KLR	Kul'dur	16.11	266	P	Pn	19 23 20.3	-1.5
KLR	Kul'dur	16.11	266	eP	Pn	19 23 19.9	-0.2
YAK	Yakutsk	16.91	313	eP	S	19 23 27.0	-1.6
YAK				eS	S	19 26 27.6	-2.7
YAK					pmax		
YAK	comp=Z,55nm,0.9s				pmax		
YAK	comp=N,7.0nm,0.9s				pmax		
YAK	comp=E,16nm,0.8s				smax		
YAK	comp=N,33nm,2.8s				smax		
YAK	comp=E,23nm,2.9s				smax		
ZEY	Zeya	17.52	284	eP	P	19 23 35.0	-0.4
USRK	Urusyisk Ar.	18.54	251	P	P	19 23 46.2	-0.2
MJBS	Matsu-Tunnel	21.05	225	eP	P	19 24 12.6	-0.2
MAJO	Matsushiro	21.05	225	eP	P	19 24 12.7	0.0
MAJO	Matsushiro	21.05	225	iP	P	19 24 12.8	0.0
MAJO					pmax		
MAT	Matsushiro	21.05	225	P	P	19 24 12.5	-0.3
MJAR	Matsushiro Arr	21.05	225	P	P	19 24 12.6	-0.1
UNV	Unalaska Valle	21.74	73	eP	P	19 24 20.5	+1.6
TIXI	Tiksi	22.23	337	eP	P	19 24 24.0	+0.8
TIXI	Tiksi	22.23	337	iP	P	19 24 23.6	+0.4
TIXI					pmax		
INU	Inuyama	22.57	226	eP	P	19 24 27.0	+0.3
CN2	Changchun	22.58	258	eP	P	19 24 28.1	+1.4
CN2					pmax		
CN2	comp=Z,10.0nm,0.6s				LR	LR	
CN2	comp=N,120nm,12.0s				LR	LR	
CN2	comp=E,230nm,12.0s				LR	LR	
HIA	Hailar	23.32	275	eP	P	19 24 33.1	-0.3
HIA	Hailar	23.32	275	iP	P	19 24 33.3	-0.2
HIA					pmax		
JHJ2	Mitsune	23.39	218	eP	P	19 24 34.2	0.0
RDG	Red Dog Mine	24.21	36	eP	P	19 24 43.9	+2.7
KSRS	Korea Array	25.38	234	P	P	19 24 51.9	-0.1
JNU	Nakatsue	27.23	233	P	P	19 25 08.9	+0.2
IM3	Indian Mountai	27.35	43	eP	P	19 25 09.8	+0.5
PPLA	Purkeypile	28.02	49	eP	P	19 25 15.2	-0.2
CAST	Castle Rocks	28.04	48	eP	P	19 25 14.8	-0.7
BPAW	Bear Paw Mtn.	28.50	47	eP	P	19 25 20.6	+1.1
KDAK	Kodiak Island	28.55	60	P	P	19 25 20.0	0.0
KDAK	Kodiak Island	28.55	60	eP	P	19 25 20.3	+0.3
KDAK	Kodiak Island	28.55	60	PN	Pn	19 25 21.4	+1.4
KTH	Kantishna Hill	28.58	45	eP	P	19 25 21.5	+1.2
MLY	Mlanley	28.58	45	eP	P	19 25 23.3	+0.7
SUA	Susitna One	28.83	52	eP	P	19 25 23.8	+1.0
TRF	Thorofore Moun	28.89	56	eP	P	19 25 22.9	-0.1
CNPM	China Pof	29.02	56	eP	P	19 25 24.1	-0.1
BRLK	Bradley Lake	29.02	56	eP	P	19 25 24.1	-0.1

TOLK	Toolik Lake Re	29.17	37	eP	P	19 25 23.9	-1.4
RC01	Rabbit Creek A	29.37	53	eP	P	19 25 25.9	-1.3
RND	Ridge	29.49	48	eP	P	19 25 29.0	+0.7
RND	Reindeer	29.49	48	eP	P	19 25 29.0	+0.7
RND					pmax		
MDM	Murphy Dome	29.65	45	eP	P	19 25 30.5	+0.8
GRH	Glory Hole Cre	29.65	51	eP	P	19 25 30.4	+0.7
WHO	Wood River Hill	29.74	46	eP	P	19 25 31.6	+1.2
CCB	Clear Creek Bu	29.85	45	eP	P	19 25 32.1	+0.8
ILAR	Eielson Array	30.23	45	P	P	19 25 35.4	+0.6
ILB	Eielson Array	30.23	45	eP	P	19 25 35.3	+0.6
IL1	Eielson Array	30.23	45	eP	P	19 25 34.6	-0.2
HDA	Harding Lake	30.39	51	eP	P	19 25 37.2	+0.9
SCM	Sheep Creek Mo	30.39	51	eP	P	19 25 37.2	+0.9
GLI	Glacier Island	30.67	53	eP	P	19 25 39.4	+0.8
FYU	Fort Yukon	30.80	42	eP	P	19 25 41.4	+1.8
PAX	Paxson	31.07	49	eP	P	19 25 41.6	-0.5
PAX	Paxson	31.07	49	eP	P	19 25 41.7	-0.5
PAX					pmax		
RIDG	Independ R	31.24	47	eP	P	19 25 43.6	0.0
DIV	Divide	31.26	52	eP	P	19 25 44.7	+1.0
HARP	Harp	31.30	50	eP	P	19 25 45.4	+1.2
MIDW	Midway	31.38	132	eP	P	19 25 44.8	-0.2
SCRK	Sand Creek	31.58	46	eP	P	19 25 46.7	+0.1
BMRM	Bremner River	31.85	52	eP	P	19 25 49.9	+1.0
SONA	Songino Array	31.90	281	eP	P	19 25 49.3	-0.4
SONA	Songino Array	31.91	281	P	P	19 25 49.9	+0.2
RAGM	Ragged Mountain	31.94	53	eP	P	19 25 51.3	+1.6
HHC	Hu-ho-hao-te	32.62	266	eP	P	19 25 57.3	+1.4
HHC					pmax		
HHC					pmax		
HHC					pmax		
EGAG	Eagle	32.67	45	eP	P	19 25 56.7	+0.8
TGL	Tana Glacier	32.74	52	eP	P	19 25 57.8	+1.1
BALM	Baldy	32.90	52	eP	P	19 25 59.0	+0.9
BALM	Baldy	32.90	52	eP	P	19 25 59.0	+0.9
BALM					pmax		
DAWY	Dawson Inlet	33.55	46	eP	P	19 26 04.7	+1.1
JOW	Kunigami	33.72	230	P	P	19 26 05.4	0.0
JOW	Kunigami	33.72	230	eP	P	19 26 06.0	+0.6
PCA	Pinnacle	34.15	53	eP	P	19 26 09.9	+1.1
INK	Inuvik	35.08	37	P	P	19 26 17.9	+1.4
INK	Inuvik	35.08	37	eP	P	19 26 18.2	+1.7
INK	Inuvik	35.08	37	eP	P	19 26 18.2	+1.7
INK					pmax		
HYT	Haines Junction	35.23	51	eP	P	19 26 20.5	+2.4
WHY	Whitehorse	36.51	50	eP	P	19 26 30.9	+2.1
JIS	Juradeau	37.61	54	eP	P	19 26 40.4	+2.5
DLBC	Dease Lake	39.64	52	eP	P	19 26 56.6	+1.9
DLBC	Dease Lake	39.64	52	eP	P	19 26 57.5	+2.7
GTA	Gaotai	40.58	274	iP	P	19 27 03.3	+0.5
GTA					pP	19 27 59.1	+0.3
GTA					SP	19 28 26.5	-3.6
GTA					pmax		
DIB	Dawson Inlet	40.83	60	eP	P	19 27 06.5	+2.1
ZAAO	Zalesovo Array	41.04	301	eP	P	19 27 04.0	-2.1
ZALV	Zalesovo Beam	41.04	301	P	P	19 27 03.7	-2.5
ZALV	Zalesovo Beam	41.04	301	eP	P	19 27 04.5	-1.7
ZALV	Zalesovo Beam	41.04	301	eP	P	19 27 04.5	-1.7
ZALV					SP	19 28 59.6	
DGZ	Jazzator, Alta	41.82	294	iP	P	19 27 13.2	+0.4
DGZ					pmax		
YKW3	Yellowknife Ar	44.46	41	P	P	19 27 34.6	+1.3
YKA	Yellowknife Ar	44.50	41	eP	P	19 27 34.7	+1.1
YKB5	Yellowknife Ar	44.50	41	eP	P	19 27 34.3	+0.6
WMQ	Urumiq	45.03	287	P	P	19 27 38.6	+0.4
MK31	Makanchi Array	46.30	294	eP	P	19 27 47.2	-0.8
MK31	Makanchi Array	46.30	294	eP	P	19 27 47.2	-0.8
M							

8d 20h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SWET Sewanee, W50A Signal Mount, CPCT Cooper Cave, V52A Sevierville, etc.

NIED 08 19:26:00,27.60N,143.00E,h8km,Mw4.2 Best double couple: Mo:1.93000x10^15, NP1:0.160,00000,0.31,00000,0.71,0100000, NP2:0.294,00000,0.67,00000,0.68,000000.

IDC 08 19:26:50.0,27.377N,142.86E,h0km,mb4.0/17, mb1 4.2/21, mb1mx3.9/33, mbtmp4.0/21, ML3.7/4, MS2.8/3, Ms1 3.2/8, ms1mx2.9/41, Error ellipse: s-maj=21.8km s-min=14.7km az=84.0

JMA 08 19:26:52.2,27.57N,143.03E,h69km,5km,M4.4 ISCJB 08 19:26:53.3,0.4,27.66N,0.02,142.90E,0.05,h27km, mb4.3/27, MS3.1/4, Error ellipse: s-maj=6.8km s-min=3.2km az=2.0

NEIC 08 19:26:54.0,1.7,27.42N,142.92E,h22km,11km,mb4.7/22, Error ellipse: s-maj=6.4km s-min=4.6km az=97.0

ISC 08 19:26:54.7,0.6,27.54N,0.05,142.93E,0.07,h27km,n93, r1508/93,mb4.3/27,MS3.0/4, Bonin Islands region

Main table of station data for the 8d 20h period, listing station names, coordinates, and operational status.

2012 SEP

Table of station data for the 2012 SEP period, including stations like STKA Stephens Creek, NIL Nilore, KK31 Karatay Arr, etc.

TAP 08 19:31:06.0,22.59N,120.54E,h16km,ML1.2,C,Taiwan

Table of station data for the TAP 08 19:31:06.0 event, listing stations like MASBT Mashibuo, SSD Sandimen, etc.

DDA 08 20:04:08.9,37.40N,37.19E,h7km,ML2.9 ISC 08 20:04:09.8,37.47N,37.17E,h9km,ML1.8/4

ISCJB 08 20:04:10.4,0.7,37.45N,0.04,37.16E,0.04,h10km,6km, Error ellipse: s-maj=7.0km s-min=4.2km az=77.9

ISC 08 20:04:09.7,1.0,37.43N,0.04,37.17E,0.03,h11km,9km, n12,c045/21,Turkey

Table of station data for the DDA and ISC events, listing stations like KMRS Kahramanmaras, GAZ Gaziantep, etc.

ISCJB 08 20:16:38.3,2.3,11.20N,0.04,126.71E,0.05, h17km,17km,mb4.3/23,MS2.6/1, Error ellipse: s-maj=8.3km s-min=6.0km az=170.2

IDC 08 20:16:38.1,0.9,11.12N,126.48E,h0km,mb3.9/9, mb1 4.0/9, mb1mx3.7/40, mbtmp3.9/9, MS2.8/3, Ms1 2.8/3, ms1mx2.5/45, Error ellipse: s-maj=46.9km s-min=15.2km az=72.0

MAN 08 20:16:40.8,11.42N,126.57E,h23km,mb4.9,ML3.9, MS4.0

NEIC 08 20:16:43.1,0.3,11.11N,126.51E,h35km,mb4.5/15, Error ellipse: s-maj=13.6km s-min=4.6km az=77.0

ISC 08 20:16:38.6,3.6,11.31N,0.05,126.62E,0.07,h5km,23km, n50,r155/53,mb4.4/24,1C-1D, Philippine Islands

Main table of station data for the 2012 SEP period, listing station names, coordinates, and operational status.

558

Table of station data for the 558 period, including stations like WRA Warramunga Arr, WC3 Warramunga Arr, AS31 Alice Springs, etc.

MAN 08 20:22:16.1,17.40N,120.23E,h18km,mb4.2,ML3.1, MS2.8,1C,Luzon

Table of station data for the MAN 08 20:22:16.1 event, listing stations like PIP Pasuquin, APYP Conner, etc.

IDC 08 20:27:10.7,1.3,54.52S,136.48W,h0km,mb4.1/4, mb1 4.3/4, mb1mx3.9/33, mbtmp4.1/4, Error ellipse: s-maj=51.4km s-min=28.6km az=0.0, Pacific-Antarctic Ridge

Main table of station data for the 558 period, listing station names, coordinates, and operational status.

NEIC 08 20:29:13.2,0.0,7.92N,85.89W,h40km,Moment Tensor Solution. s5 Moment tensor: Scale 10^17Nm; Mw:4.20; Mw-1.98; Mo-2.22; Mo2.63; Mo3.28; Mo-0.17; Best double couple: Mo:4.00000x10^17, NP1:0.333,00000,0.35,00000,0.121,00000, NP2:0.333,00000,0.86,00000,0.70,00000, Principal axes: T 5.2100, Plg68.00000, Azm347.00000, N -0.5700, Plg17.00000, Azm127.00000, Azm4.6400, Plg13.00000, Azm221.00000;

IDC 08 20:29:26.7,0.4,10.34N,85.03W,h0km,mb4.9/21, mb1 5.1/23, mb1mx5.0/32, mbtmp4.9/23, ML4.2/22, MS5.0/22, Ms1 5.0/22, ms1mx4.9/25 Error ellipse: s-maj=20.0km s-min=11.5km az=55.0

ISCJB 08 20:29:29.0,1.1,10.08N,0.02,85.31W,0.02,h33km, mb5.5/51, MS5.2/168, Error ellipse: s-maj=2.6km s-min=1.7km az=41.8

UCR 08 20:29:30.7,1.6,9.91N,85.49W,h24km,4km,MD4.2, ML4.6,mb5.7(NEIC)

NEIC 08 20:29:31.2,0.1,10.08N,85.32W,h35km,mb5.7/297, MS5.1/18, Mw5.6, MoW5.7, Mo2.7, Error ellipse: s-maj=3.0km s-min=2.2km az=10.0, Moment Tensor Solution. s41 Moment tensor: Scale 10^17Nm; Mw:4.2; Mw-0.09; Mo-2.52; Mo-0.02; Mo2.03; Mo-0.38; Best double couple: Mo:3.20000x10^17, NP1:0.143,00000,0.70,00000,0.179,00000, NP2:0.339,00000,0.849,00000,0.142,00000, Principal axes: T 4.2700, Plg82.00000, Azm308.00000, N 1.1800, Plg6.00000, Azm152.00000; P -3.6500, Plg3.00000, Azm61.00000;

NEIC Felt [III] at Alajuela, Nicoya, San Jose and Tilaran. Felt in the Valle Central and in much of northwestern Costa Rica. MOS 08 20:29:31.8,1.0,10.19N,85.17W,h33km,mb5.6/108, MS5.2/18, Error ellipse: s-maj=7.2km s-min=4.0km az=111.8

NEIC 08 20:29:32.0,0.1,10.00N,85.42W,h19km,Moment Tensor Solution. s29 Moment tensor: Scale 10^17Nm; Mw:2.24; Mw-1.40; Mo-0.84; Mo3.32; Mo0.79; Mo-0.93; Best double couple: Mo:4.00000x10^17, NP1:0.109,00000,0.875,00000,0.183,00000, NP2:0.314,00000,0.817,00000,0.114,00000, Principal axes: T 4.2400, Plg59.00000, Azm9.00000, N -0.4200, Plg6.00000, Azm110.00000; P -3.8200, Plg29.00000, Azm204.00000;

GCMT 08 20:29:36.2,0.1,9.76N,0.01,85.58W,0.01,h26km, Mw5.6/138, Moment Tensor Solution. s14, c222, r138, c339, Duration: 165 Moment tensor: Scale 10^17 Nm; Mw:2.05; Mo-1.97; Mo-0.07; Mo3. Mw:1.64; Mo-0.83; Mo-1.22; Mo-0.67; Best double couple: Mo:2.98300x10^17, NP1:0.122,00000,0.867,00000,0.100,00000, NP2:0.278,00000,0.825,00000,0.68,00000, Principal axes: T 2.9120, Plg67.00000, Azm50.00000; N 0.1430, Plg9.00000, Azm298.00000; P -3.0540, Plg21.00000, Azm204.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 08 20:29:30.1,0.6,10.03N,0.03,85.41W,0.03,h26km,3km, n713,r154/1709,mb5.6/550,MS5.2/170,30C-13D, Costa Rica

Main table of station data for the 558 period, listing station names, coordinates, and operational status.

Table with columns: Station ID, Name, Time, Day, Period, Signal, Value, Station ID, Name, Time, Day, Period, Signal, Value. Includes stations like Hillsboro, Northridge Ran, Skyline, etc.

Table with columns: Station ID, Name, Time, Day, Period, Signal, Value, Station ID, Name, Time, Day, Period, Signal, Value. Includes stations like Farmland, Mansfield, Adamsville, Alum Creek Sta, etc.

Table with columns: Station ID, Name, Time, Day, Period, Signal, Value, Station ID, Name, Time, Day, Period, Signal, Value. Includes stations like Lee Faris, Mou, Post Highland, Lehigh Univer, Oil Creek Stat, etc.

J38A	Wedel Dairy, R	33.73	351	P	P	20 36 07.7	-1.6
ACTO	Acton	33.78	7	P	P	20 36 09.6	-0.2
Q24A	Divide	33.79	332	P	P	20 36 10.0	-0.4
Q24A	Divide	33.79	332	P	P	20 36 10.3	-0.1
I43A	Langenfeld Bro	33.81	356	P	P	20 36 08.4	-1.7
I42A	Draefer Farm,	33.87	355	eP	P	20 36 09.2	-1.4
I42A	Draefer Farm,	33.87	355	P	P	20 36 09.2	-1.4
J37A	Redenius Farm,	33.91	349	P	P	20 36 09.7	-1.2
X16A	Lo Mia Camp, P	34.01	320	eP	P	20 36 13.1	+0.9
BASO	Ashfield	34.02	5	P	P	20 36 11.8	0.0
I40A	Norwalk	34.04	353	P	P	20 36 10.6	-1.5
J36A	Seneca 1, Swea	34.08	348	eP	P	20 36 10.5	-1.9
J36A	Seneca 1, Swea	34.08	348	P	P	20 36 11.0	-1.3
QUA2	Belchertown	34.11	17	eP	P	20 36 12.6	0.0
I39A	Houston	34.12	352	eP	P	20 36 10.7	-2.1
I39A	Houston	34.12	352	P	P	20 36 11.2	-1.6
OGNE	Ogallala	34.12	337	eP	P	20 36 12.1	+0.9
OGNE	Ogallala	34.12	337	LR	LR		
OGNE	Ogallala	34.12	337	P	P	20 36 12.7	-0.2
I41A	Arkdale	34.12	354	eP	P	20 36 11.0	-1.8
I41A	Arkdale	34.12	354	P	P	20 36 11.0	-1.8
MVCO	Mesa Verde	34.16	326	eP	P	20 36 13.3	-0.2
MVCO	Mesa Verde	34.16	326	LR	LR		
MVCO	Mesa Verde	34.16	326	P	P	20 36 14.1	+0.6
TRY	Troy	34.16	15	eP	P	20 36 13.4	+0.3
BWLO	Walkerton	34.16	5	P	P	20 36 13.2	+0.1
DRWO	Darlington West	34.21	9	P	P	20 36 13.4	-0.1
DRCO	St. Marys Ceme	34.22	9	P	P	20 36 13.9	+0.3
PKRO	Pickering	34.26	8	P	P	20 36 13.9	0.0
BRCO	Bruce Peninsula	34.26	5	P	P	20 36 13.6	-0.3
WLVO	Wesleyville	34.31	9	P	P	20 36 14.5	+0.1
H43A	Windswept, Lux	34.38	357	eP	P	20 36 13.5	-1.5
H43A	Windswept, Lux	34.38	357	P	P	20 36 13.4	-1.6
H42A	Shiocton	34.46	356	eP	P	20 36 13.4	-2.3
H42A	Shiocton	34.46	356	P	P	20 36 14.0	-1.7
WES	Weston	34.52	19	eP	P	20 36 15.9	-0.3
BCX	Boston College	34.52	19	eP	P	20 36 16.5	+0.3
HRV	Adam Dzewonski	34.55	18	eP	P	20 36 15.8	-0.7
HRV	Adam Dzewonski	34.55	18	eP	pmx	20 36 15.8	-0.7
HRV	Adam Dzewonski	34.55	18	P	pmx	20 36 13.2	-3.3
I37A	Lemond, Waseca	34.56	350	eP	P	20 36 14.3	-2.3
I37A	Lemond, Waseca	34.56	350	P	P	20 36 14.8	-1.8
CLWO	Collingwood	34.58	6	P	P	20 36 16.2	-0.6
PB01	IPOC Station P	34.62	153	eP	P	20 36 17.0	-0.4
BMRO	Merriville Lake	34.63	5	P	P	20 36 17.1	-0.1
H41A	Junction City	34.66	355	eP	P	20 36 15.6	-1.8
H41A	Junction City	34.66	355	P	P	20 36 15.7	-1.7
WUAZ	Wupatki	34.67	321	eP	P	20 36 18.4	+0.5
WUAZ	Wupatki	34.67	321	LR	LR		
WUAZ	Wupatki	34.67	321	P	P	20 36 19.4	+1.5
ISCO	Idaho Springs	34.67	332	eP	P	20 36 17.6	-0.4
ISCO	Idaho Springs	34.67	332	LR	LR		
ISCO	Idaho Springs	34.67	332	eP	pmx	20 36 18.1	+0.1
ISCO	Idaho Springs	34.67	332	P	pmx	20 36 17.9	-0.1
GLMI	Graying	34.68	1	eP	P	20 36 15.9	-1.7
GLMI	Graying	34.68	1	LR	LR		
GLMI	Graying	34.68	1	P	P	20 36 16.4	-1.2
I36A	Fitzsimmons Fa	34.68	349	P	P	20 36 15.8	-1.8
Y14A	Wickenburg	34.73	317	eP	P	20 36 19.1	+0.8
H40A	Chili	34.73	354	P	P	20 36 16.5	-1.6
ACCN	Adirondack Com	34.77	15	eP	P	20 36 18.0	-0.4
SMCO	Snowmass	34.83	330	eP	P	20 36 19.3	-0.2
PV01	Paradox Valley	34.87	327	eP	P	20 36 19.8	+0.2
H39A	Augusta	34.90	353	P	P	20 36 17.8	-1.6
ECSD	EROS Data Cent	34.96	346	eP	P	20 36 17.3	-2.8
ECSD	EROS Data Cent	34.96	346	LR	LR		
ECSD	EROS Data Cent	34.96	346	P	P	20 36 18.0	-2.1
PV03	Paradox Valley	34.97	327	eP	P	20 36 19.6	-0.9
PV02	Paradox Valley	35.01	327	eP	P	20 36 20.4	-0.5
DELO	Deloro Mine	35.02	10	P	P	20 36 20.0	-0.5
PV13	Radium Mtn.,	35.02	327	eP	P	20 36 21.3	+0.4
H38A	Malden Rock	35.03	351	P	P	20 36 18.8	-1.8
H37A	Dierke Farm, C	35.03	351	P	P	20 36 18.7	-1.9
SADO	Sadowa	35.04	8	eP	P	20 36 18.8	-1.9
PV03	Paradox Valley	35.10	327	eP	P	20 36 21.9	+0.2
PV05	Paradox Valley	35.11	327	eP	P	20 36 21.7	0.0
PV12	Saucer Basin	35.13	327	eP	P	20 36 22.2	+0.4
PV18	Skein Mesa, Pa	35.13	327	eP	P	20 36 21.8	0.0
PV11	David Mesa, Pa	35.15	327	eP	P	20 36 22.7	+0.7
G43A	Wallace	35.16	357	eP	P	20 36 19.6	-2.1
G43A	Wallace	35.16	357	P	P	20 36 17.0	-4.7
G43A	Wallace	35.16	357	P	P	20 36 19.7	-2.0
PV16	Nyswonger Mesa	35.18	327	eP	P	20 36 22.5	+0.2
PV17	East Wray Mesa	35.18	327	eP	P	20 36 22.5	+0.2
G42A	Mountain	35.18	356	eP	P	20 36 19.9	-2.0
G42A	Mountain	35.18	356	P	P	20 36 20.2	-1.7
NCB	Newcomb	35.18	14	eP	P	20 36 22.3	+0.3
H36A	Jessiland, He	35.20	349	P	P	20 36 20.5	-1.6
G41A	Antigo	35.21	355	P	P	20 36 20.3	-1.9
PV19	Morning Glory	35.22	327	eP	P	20 36 23.0	+0.4
TOBO	Tobermory, Br	35.23	5	P	P	20 36 21.8	-0.5
PV20	West Nyswonger	35.23	327	eP	P	20 36 22.8	+0.1
PV22	Blue Mesa, Par	35.28	327	eP	P	20 36 23.2	+0.1
PV14	Lion Creek, Pa	35.28	327	eP	P	20 36 23.4	+0.2
PV10	Paradox Valley	35.30	327	eP	P	20 36 23.2	-0.1
PV23	Carpenter Ridg	35.34	327	eP	P	20 36 23.2	-0.5
G40A	Rib Lake	35.35	354	eP	P	20 36 21.2	-2.2
G40A	Rib Lake	35.35	354	P	P	20 36 21.9	-1.5
PV21	Cone Mtn., Par	35.40	327	eP	P	20 36 24.2	+0.1
FFD	Frailin Falls	35.40	17	eP	P	20 36 23.1	-0.7
PV09	Paradox Valley	35.44	327	eP	P	20 36 25.0	+0.4
HNH	Hanover	35.44	16	eP	P	20 36 23.2	-0.9
G38A	Ridgeland	35.45	352	P	P	20 36 22.5	-1.7
BANO	Bancroft	35.46	9	P	P	20 36 24.0	-0.3
GLA	Glamis	35.47	315	eP	P	20 36 25.8	+1.2
GLA	Glamis	35.47	315	eP	pmx	20 36 26.3	+1.7
GLA	Glamis	35.47	315	P	pmx	20 36 24.1	-0.5
GLA	Glamis	35.47	315	P	P	20 36 26.5	+1.9
PB04	IPOC Station P	35.47	155	eP	P	20 36 24.7	-0.2
G39A	Holcombe	35.48	353	P	P	20 36 22.9	-1.6
KLBO	Killbear Provi	35.48	6	P	P	20 36 23.2	-1.3
H35A	Sunnyside Ranc	35.49	348	P	P	20 36 22.7	-1.8
F45A	CMU Biological	35.53	360	P	P	20 36 23.4	-1.5
PLVO	Plevna	35.62	10	eP	P	20 36 24.7	-1.0
PLVO	Plevna	35.62	10	P	P	20 36 25.0	-0.7
F46A	MacInay City C	35.62	1	P	P	20 36 24.1	-1.5
SPMN	Marine on St.	35.64	351	eP	P	20 36 23.2	-2.7
SPMN	Marine on St.	35.64	351	P	P	20 36 23.4	-2.5
Y12C	Blythe	35.65	316	eP	P	20 36 28.1	+2.0
Y12C	Blythe	35.65	316	P	P	20 36 27.7	+1.6
BUKO	Buck Lake	35.66	7	P	P	20 36 25.2	-0.9
F42A	Maple Grove Fa	35.68	357	P	P	20 36 23.7	-2.5
N23A	Red Feather La	35.70	333	eP	P	20 36 26.5	-0.3
N23A	Red Feather La	35.70	333	P	P	20 36 26.4	-0.3
PDMCI	Parker Dam, Lak	35.71	317	P	P	20 36 28.5	+1.9
F43A	Flat Rock, Esc	35.71	358	P	P	20 36 24.4	-2.1
LONY	Lake Ozonia	35.71	13	eP	P	20 36 25.9	-0.7
LONY	Lake Ozonia	35.71	13	LR	LR		
LONY	Lake Ozonia	35.71	13	P	P	20 36 25.5	-1.0
F41A	Three Lakes	35.73	356	eP	P	20 36 24.6	-2.0
F41A	Three Lakes	35.73	356	P	P	20 36 24.5	-2.1
PHWY	Pilot Hill	35.82	334	eP	P	20 36 27.1	-0.8
F44A	Big Bay de Noc	35.83	359	P	P	20 36 26.1	-1.4
VT1	Waterbury	35.89	16	eP	P	20 36 27.8	-0.2
F40A	Park Falls	35.99	354	P	P	20 36 26.8	-2.1
W13A	Hualapai Mount	36.01	318	eP	P	20 36 30.6	+1.2
LBNH	Lisbon	36.03	17	eP	P	20 36 29.1	-0.1
LBNH	Lisbon	36.03	17	eP	pmx	20 36 30.4	+1.2
LBNH	Lisbon	36.03	17	P	P	20 36 28.8	-0.4
F39A	Loretta	36.07	353	P	P	20 36 27.4	-2.1
COWI	Conover	36.09	356	eP	P	20 36 27.7	-2.0
COWI	Conover	36.09	356	LR	LR		
SWSC	Sam W. Stewart	36.10	314	P	P	20 36 32.3	+2.4
F37A	Hinrichs Farm,	36.10	351	P	P	20 36 27.7	-2.1
FRNY	Flat Rock	36.15	14	eP	P	20 36 30.0	-0.2
IKP	In-Ko-Pah, Jc	36.16	313	P	P	20 36 33.4	+2.7
O20A	White River Ci	36.20	330	eP	P	20 36 31.4	+0.5
O20A	White River Ci	36.20	330	P	P	20 36 31.7	+0.8
PEMO	Pembroke	36.21	10	P	P	20 36 30.5	-0.2
SUSD	Miller	36.24	344	P	P	20 36 28.6	-2.4
BC3	Big Chuckawall	36.24	315	P	P		

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H10S3 ASCENSION HYDR94.54 113 T, H10S2 ASCENSION HYDR94.54 113 T, etc.

MAN 09 02:25:28.7, 10.67N, 126.55E, h67km, mb4.5, ML3.4, MS3.3, 1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BESP Borongan, BESP Palo, PLP Palo, MSLP Maasin.

IDC 09 02:35:34.5-0.8, 10.70N, 126.67E, h0km, mb3.9/8, mb1.4/0.8, mb1mx3.7/38, mbtmp3.9/8, MS3.1/4, M3.1, 3.1/4, ms1mx6.6/47, Error ellipse: s-maj=57.4km s-min=17.4km az=76.0

MAN 09 02:35:39.4, 10.74N, 125.57E, h210km, mb4.5, ML3.4, MS3.3

ISCJB 09 02:35:40.6-0.8, 10.53N, 126.79E, h0.07, h51km, mb3.9/8, MS3.0/4, Error ellipse: s-maj=11.1km s-min=9.3km az=14.3

ISC 09 02:35:41.6-0.8, 10.48N, 126.71E, h0.10, h51km, n16, c192/196, mb3.7/8, MS3.0/4, 1C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLP Palo, MSLP Maasin, CNP Catarman, ASAR Asale Springs, CMAR Chiang Mai Arr, WRA Warrungarr Arr, USRK Ussuriysk Arr, etc.

ISCJB 09 02:43:05.6-0.3, 43.82N, 0.01E, 18.59E, h1km, 2km, Error ellipse: s-maj=2.4km s-min=2.0km az=162.8

PDG 09 02:43:06.4-0.3, 43.79N, 18.60E, h12km, ML2.8/10, Error ellipse: s-maj=0.4km s-min=0.7km az=0

SAR 09 02:43:07.1-0.2, 43.81N, 18.60E, h4km, 1km, ML2.8/2, Error ellipse: s-maj=2.0km s-min=2.0km az=162.8

ISCO 09 02:43:06.6-1.1, 43.80N, 0.01E, 18.60E, h4km, 9km, n86, c192/146, 15E-18Z, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HAPS Han Pijesak, BBLS Lazij#263, UPM Unac-Piva, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MORH Gruza, GRUV Plav, PVVY Fruska Gora, FRGS Fruska Gora, etc.

IDC 09 02:47:11.3-6.3, 57.98S, 150.66W, h0km, mb3.6/1, mb1.3/8/1, mb1mx3.4/24, mbtmp3.6/1, Error ellipse: s-maj=552.9km s-min=69.4km az=163.0

Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, H01W1 Cape Leeuwin, H01W2 Cape Leeuwin, etc.

AZER 09 03:17:23.5-0.1, 40.41N, 48.73E, h4km, ml3, 1/29, Error ellipse: s-maj=0.8km s-min=0.5km az=254.0

IDC 09 03:17:24.2-2.2, 40.55N, 49.16E, h0km, mb3.4/2, Ms1 3.5/4, mb1mx3.2/40, mbtmp3.4/4, ML2.1/2, MS2.7/2, s-min=21.8km az=168.0

ISCJB 09 03:17:27.0-4.0, 40.47N, 0.03E, 48.89E, h2km, 4km, mb3.4/2, MS2.9/1, Error ellipse: s-maj=5.2km s-min=3.8km az=140.5

ISC 09 03:17:25.7-1.1, 40.42N, 0.02E, 48.74E, h0.02, h5km, 9km, n34, c1965/60, 25C-32Z, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBS Gobustan, GBS Pirkulji, POL KDMR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QSAR Cillabab, GLBA BRD, BRDA Mingechevir, A, MNGR SEKA, SEKA Lenkeran, AZER Qazax, AZER Qazax, etc.

IDC 09 03:30:23.9-0.6, 11.68S, 114.09E, h0km, mb4.3/15, mb1.4/0.7, mb1mx4.2/37, mbtmp4.3/17, ML2.3, MS3.5/4, TW51, 1.1/3.5/4, ms1mx2.8/37, Error ellipse: s-maj=19.5km s-min=11.0km az=54.0

ISCJB 09 03:30:27.0-0.3, 10.79S, 0.04E, 114.04E, h0.03, h33km, mb4.3/8, MS3.8/4, Error ellipse: s-maj=5.6km s-min=4.2km az=39.0

NEIC 09 03:30:27.4-2.2, 10.70S, 114.04E, h22km, 16km, mb4.4/9, Error ellipse: s-maj=11.0km s-min=5.7km az=222.0

DJA 09 03:30:28.4-1.1, 11.1S, 7.1E, h20km, 14km, M4.7/17, mb5.0/4, mB5.1/4, MLv4.7/17, Mw(mB)4.5/4

ISC 09 03:30:29.0-0.5, 10.78S, 0.06E, 114.09E, h0.05, h35km, n87, c1987/92, mb4.4/38, MS3.6/4, 1C-1D, South of Baffin

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IGBI Denpasar, IGBI Jajag, JAGI Jajag, JAGI Denpasar, GMJI Gumukmas, etc.

KBKI Kotabaru, EDPI Paso Flores, BKSI Bulukumba, BATI Baun, etc.

SOEI Soneo, SOEI Marble Bar, MBWA Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

SIJI Sibijehum, WRA Warrungarr Arr, WRA Tennant Creek, WB2 Warrungarr Arr, etc.

ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

ASO1 Alice Springs, TRTT Trang, PHET Kaeng Krachan, NAYO Nakayong, etc.

CHAI Chaiyaphum, SKNT Sknankorn, NONG Nongkhai, PHIT Phitsanulok, etc.

PHRA Phrae, LAMP Lampang, CM01 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

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STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H08S3 Diego Garcia H, H08S2 Diego Garcia H, CD21 Chengdu, etc.

ISCJB 09 03:44:59.8, 0.6, 39.94N, 0.03, 142.02E, 0.09, h74km, 4km, mb3.8/5, Error ellipse: s-maj=11.2km s-min=5.6km az=4.0

NIED 09 03:45:00, 39.90N, 142.00E, h71km, Mw3.6, Best double couple: M3, 15000, 1014 NP1, 228, 00000, 843, 00000, 1.07, 00000, NP2, 25, 00000, 850, 00000, 7, 50, 00000

JMA 09 03:45:01.5, 39.93N, 141.95E, h66km, 1km, M3.5, Broadband fault plane solution: P waves, NP1: 1.0, 16, 00000, 850, 00000, 1.64, 00000, NP2: 233, 00000, 847, 00000, 1.18, 00000, Principal axes: T: P1g70, 00000, Azm219, 00000, N: P1g20, 00000, Azm33, 00000, P: P1g2, 00000, Azm124, 00000

JMA Felt 1 J1, JMC 09 03:45:01.1, 2.3, 39.94N, 142.31E, h76km, 20km, mb3.5/5, mb1 3.5/9, mb1mx3.3/51, mbtmp3.7/9, Error ellipse: s-maj=33.7km s-min=13.9km az=101.0

ISC 09 03:45:01.1, 1.0, 39.93N, 142.00E, 0.08, h68km, 6km, n19, c0.61/29, mb3.9/5, 2C-5D, Eastern Honshu

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

ISC 09 03:46:28.3, 2.1, 6.43S, 129.30E, h0km, mb3.5/1, mb1 3.9/4, mb1mx3.6/40, mbtmp3.7/4, ML3.6/3, Error ellipse: s-maj=90.1km s-min=27.4km az=76.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station FITZ Fitzroy Crossi.

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

IDC 09 03:52:20.1, 5.6, 61.218S, 68.07W, h0km, mb3.7/1, mb1 3.7/2, mb1mx3.4/19, mbtmp3.6/2, ML3.2/1, Error ellipse: s-maj=162.5km s-min=53.9km az=66.0

GUC 09 03:52:33.9, 0.7, 20.81S, 68.95W, h104km, 3km, ML3.4, ISCJB 09 03:52:34.6, 0.9, 20.82S, 0.03, 69.0W, 0.1, h108km, 9km, mb3.1/1, Error ellipse: s-maj=17.1km s-min=6.4km az=2.3

ISC 09 03:52:33.7, 1.1, 20.81S, 0.04, 68.9W, 0.1, h108km, 9km, n16, c0.80/28, 4C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations PBO1 IPOC Station P, PBO2 IPOC Station P, PBO3 IPOC Station P, etc.

MAN 09 03:53:57.8, 10.37N, 126.38E, h1km, mb4.6, ML3.5, MS3.4, 1C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations MSLP Maasin, MSLP Palo, PLP Palo, etc.

IDC 09 04:03:17.7, 0.5, 10.39N, 126.36E, h0km, mb4.2/19, mb1 4.4/20, mb1mx4.2/41, mbtmp4.2/20, ML3.8/1, MS3.8/18, Ms1 3.8/18, ms1mx3.6/41, Error ellipse: s-maj=24.2km s-min=11.5km az=77.0

MAN 09 04:03:19.4, 10.57N, 126.60E, h9km, mb5.4, ML4.3, MS4.6, NEIC 09 04:03:22.5, 4.2, 10.41N, 126.37E, h32km, 30km, mb4.4/6, Error ellipse: s-maj=13.1km s-min=6.4km az=83.0

ISC 09 04:03:20.0, 1.5, 10.41N, 126.46E, 0.1, h14km, 9km, n64, c194/68, mb4.3/25, MS3.8/16, 4C-1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations BESP Borongan, MSLP Maasin, MSLP Palo, etc.

JOW comp=Z, 472nm, 19.1s, bsz=126, slow=36

GUMO Guam comp=Z, 270nm, 18.5s, bsz=235, slow=34

JAY Jayapura comp=Z, 319nm, 19.1s, bsz=356, slow=9, 2, SNR=6

BATI Baunata comp=Z, 209nm, 18.6s, bsz=164, slow=43

JNU Nukatuse comp=Z, 229nm, 18.1s, bsz=184, slow=39

JNU comp=Z, 166nm, 18.8s, bsz=140, slow=36

KSAR Wonju Array Be 26.95 3 P P 04 09 01.4 +0.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations MJAR, PSI Prapat, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ASAR Alice Springs comp=Z, 314nm, 18.6s, bsz=185, slow=38

ASAR Alice Springs comp=Z, 268nm, 18.0s, bsz=276, slow=42

ASAR Alice Springs comp=Z, 132nm, 19.6s, bsz=135, slow=38

NWAO Narrogin (SRO) comp=Z, 55nm, 19.5s, bsz=13, slow=3

STKA Stephens Creek comp=Z, 56nm, 19.5s, bsz=13, slow=3

PETK Petropavlovsk comp=Z, 116nm, 20.2s, bsz=209, slow=35

PETK comp=Z, 57nm, 19.5s, bsz=70, slow=37

BRVK Borovoye comp=Z, 123nm, 19.1s, bsz=111, slow=39

BRVK Borovoye comp=Z, 123nm, 19.1s, bsz=111, slow=39

GEYT Alibek comp=Z, 59nm, 18.4s, bsz=65, slow=41

ARU Arti comp=Z, 60nm, 18.4s, bsz=65, slow=41

CASY Casey comp=Z, 54nm, 18.5s, bsz=303, slow=32

RAYN Ar Rayn comp=Z, 54nm, 18.5s, bsz=303, slow=32

ILAR Ilesan Array comp=Z, 1.0nm, 0.7s, bsz=230, slow=5.4, SNR=12

EGAK Eagle comp=Z, 2.8nm, 1.0s, bsz=26, slow=6

DAWY Dudson comp=Z, 2.4nm, 2.1s, bsz=60, slow=37

KEY Kevo comp=Z, 4.7nm, 0.6s, bsz=75, slow=6.7, SNR=19

ARCES ARCESS Array B comp=Z, 2.8nm, 0.7s, bsz=238, slow=6.2, SNR=11

VNDA Vanda comp=Z, 2.8nm, 0.7s, bsz=238, slow=6.2, SNR=11

NOA NORSAR Subarra comp=Z, 1.0nm, 0.7s, bsz=65, slow=4.6

NOA NORSAR Array B comp=Z, 1.1nm, 0.7s, bsz=62, slow=4.6, SNR=8.0

NOA comp=Z, 54nm, 2.1s, bsz=60, slow=37

TORC Torodi Ar. Bea comp=Z, 1.0nm, 0.8s, bsz=51, slow=5.1, SNR=7.5

PKPAB Paso Flores comp=Z, 2.8nm, 0.7s, bsz=238, slow=6.2, SNR=11

SJG San Juan comp=Z, 1.9nm, 0.7s, bsz=238, slow=6.2, SNR=11

TRQA Torquist comp=Z, 1.9nm, 0.7s, bsz=238, slow=6.2, SNR=11

LPAZ La Paz comp=Z, 1.1nm, 0.8s, bsz=234, slow=4.6, SNR=4.1

ISK 09 04:11:55.9, 40.00N, 25.61E, h5km, ML2.1/9, ISCJB 09 04:11:56.0, 40.00N, 25.61E, h5km, ML2.1/9

ISK 09 04:11:56.0, 40.00N, 25.61E, h5km, ML2.1/9, Error ellipse: s-maj=3.8km s-min=3.5km az=157.8

ATH 09 04:11:56.1, 39.98N, 25.54E, h27km, 2km, ML1.8/6, Error ellipse: s-maj=2.3km s-min=1.0km az=226.0

DDA 09 04:11:56.7, 40.03N, 25.61E, h7km, ML2.7, Error ellipse: s-maj=2.3km s-min=1.0km az=226.0

ISC 09 04:11:56.6, 0.9, 40.01N, 0.02, 25.61E, 0.02, h15km, 8km, n32, c0.59/43, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations GADA Gvkeгада, GOK Gokceada-Canak, GOK, LIA Limnos Island, LIA, LIA, etc.

ISCJB 09 04:20:01.5:0.9,56:4S:0.2:151:1W:0.2,h10km,mb4.0/B, MS3.2/1, Error ellipse: s-maj=30.1km s-min=18.3km az=174.7

IDC 09 04:20:01.8:0.8,56:37S:150:98W,h0km,mb4.0/7, mb1 4.2/7, mb1mx4.0/30,mbtmp4.0/7,MS3.3/1, Ms1 3.4/1, ms1mx3.0/14, Error ellipse: s-maj=33.1km s-min=20.5km az=7.0

NEIC 09 04:20:1.0:1.6,56:35S:151:01W,h10km,mb4.0/1, Error ellipse: s-maj=26.1km s-min=17.6km az=4.0

ISC 09 04:20:03.1:0.8,56:4S:0.2:151:1W:0.1,h10km,n23, r119/115,mb4.0/B,Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like VANDA, QSPA, PLCA, ASAR, H01W1, H01W2, H01W3, WRA, CPUP, LPAZ, SAML, H10S3, H10S2, H10S1, H10N3, H10N1, H10N2, H10N4, H10N5, H10N6, H10N7, H10N8, H10N9, H10N0, H10N1, H10N2, H10N3, H10N4, H10N5, H10N6, H10N7, H10N8, H10N9, H10N0.

ISCJB 09 04:29:41.3:1.1, 10:64N:0:06:127:06E:0:07,h20km, mb3.9/3, Error ellipse: s-maj=11.4km s-min=7.9km az=149.2

IDC 09 04:29:42.1:2.1, 10:24N:126:65E,h0km,mb3.8/3, mb1 4.0/3, mb1mx3.5/42,mbtmp3.8/3, Error ellipse: s-maj=181.5km s-min=24.8km az=65.0

MAN 09 04:29:44.7, 10:69N:126:92E,h33km,mb4.3,ML3.1, MS2.9

ISC 09 04:29:44.0:1.2,10:51N:0:06:126:87E:0:09,h20km,n10, r118/115,mb3.7/3,1C-1D,Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like BESP, PLP, MSLP, CNP, BUKP, RCP, WRA, ASAR, MKAR, PLCA.

MAN 09 04:57:00.4, 11:09N:126:73E,h20km,mb4.7,ML3.6, MS3.5,1C,Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like BESP, PLP, MSLP, CNP, BUKP.

ISCJB 09 05:12:58.2:0.3,39:50N:0:02:0:80W:0:03,h3km,2km, Error ellipse: s-maj=4.7km s-min=2.3km az=39.9

MDD 09 05:13:01.6:0.3,39:42N:0:73W,h9km,2km,mbLg2.3/36, Error ellipse: s-maj=3.1km s-min=2.3km az=118.0, PRXIMO

MDD EMS: II INTENSIDAD MXIMA, LDG 09 05:13:01.6:0.1,39:41N:0:70W,h2km,ML2.5/6, Error ellipse: s-maj=2.9km s-min=1.0km az=127.0

CNRM 09 05:13:01.4,39:78N:0:07W,h10km,ML3.6

SFS 09 05:13:01.0,39:42N:0:73W,h10km,ML2.4, TURIS (VALENCIA)

INMG 09 05:13:02.0:1.7,39:43N:0:74W,h11km,3km,ML2.3, Error ellipse: s-maj=5.0km s-min=1.6km az=115.0

ISC 09 05:12:59.1:1.1,39:42N:0:02:0:72W:0:02,h12km,9km, n80,r153/139,2C-2D,Spain

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like ECHE, EBEN2, EMOS, ETOB, ETOR, EMUR, EMUP, EIBI, EIB2, EBR, EBR2, ETOR, ETOR2.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like ERTA, ERTA2, ERTA3, ERTA4, ERTA5, ERTA6, ERTA7, ERTA8, ERTA9, ERTA0, ERTA1, ERTA2, ERTA3, ERTA4, ERTA5, ERTA6, ERTA7, ERTA8, ERTA9, ERTA0.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like EPF, EPF2, EPF3, EPF4, EPF5, EPF6, EPF7, EPF8, EPF9, EPF0, EPF1, EPF2, EPF3, EPF4, EPF5, EPF6, EPF7, EPF8, EPF9, EPF0.

ISCJB 09 05:14:49.8:0.3,16:11N:0:03:98:14W:0:02,h10km, mb4.6/165,MS3.9/9, Error ellipse: s-maj=5.1km s-min=2.5km az=14.7

IDC 09 05:14:49.2:1.2,16:11N:98:18W,h0km,mb4.0/10, mb1 4.2/13, mb1mx4.0/42,mbtmp4.0/13,ML3.4/3,MS3.9/11, Ms1 3.9/11, ms1mx3.6/37, Error ellipse: s-maj=30.8km s-min=16.7km az=31.0

MEX 09 05:14:51.1:0.8,15:86N:98:20W,h5km,MD4.2

NEIC 09 05:14:52.2:0.3,16:19N:98:18W,h10km,mb4.7/196, MD4.2(MEX), Error ellipse: s-maj=4.7km s-min=2.6km az=197.0

NEIC Felt at Pinotepa Nacional, ISC 09 05:14:52.5:0.9,16:05N:0:05:98:21W:0:04,h17km,5km, n551,r129/567,mb4.7/165,MS3.8/9,Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like PNIG, PNIG2, PNIG3, PNIG4, PNIG5, PNIG6, PNIG7, PNIG8, PNIG9, PNIG0.

9d 5h

2012 SEP

578

Table with columns for call sign, location, frequency, mode, and other technical details. Includes entries for TLIG, UALR, Y47A, 149A, W39A, X43A, W40A, Y46A, LRAL, LRAL, Z48A, 251A, W41B, TUC, 150A, WHAR, TUL1, X45A, OXF, OXF, 252A, Z49A, Y47A, V39A, 151A, ANMO, ANMO, V40A, V40A, X46A, Y48A, V41A, Z50A, Z50A, HHAR, HHAR, 152A, 152A, V42A, X47A, 214A, Y49A, Y49A, U39A, U40A, 456A, X48A, X48A, PLAL, W46A, U41A, Y50A, Z52A, U42A, T38A, X18A, X49A, HALT, 255A, 255A, T39A, W47A, Y51A, U43A, 154A, 154A, W48A, X50B, 357A, T40A, W18A, V46A, GLAT, PVMO, Z46A, X41A, BCIP, Y44A, T25A, T25A, U44A, PBMO, W49A, 113A, 155A, X16A, GOGA, GOGA, T42A, T42A, S38A, Y52A, Y52A, PARMO, V47A, S39A, S39A, X51A, X51A, SWET, WVT, WVT, Z54A, S40A, S40A, V48A, V48A, Y53A, Y53A, T43A, T43A, U46A, U46A, S41A, S41A, Y14A, Y14A, W50A, W50A, GTBY, T44A, T44A, R38A, R38A, 156A, 156A, V49A, V49A, X52A, X52A, U47A, U47A, W51A, W51A, T45A, T45A, SDCO, SDCO, Y54A, Y54A, S42A, S42A, S43A, S43A, GLA, GLA, R39A, R39A, WUAZ, WUAZ, CBKS, CBKS, X53A, X53A, R40A, R40A, Y50A, Y50A, Y12C, Y12C, M40C, M40C, R41A, R41A, S44A, S44A, Q37A, Q37A, SIUC, SIUC, KSU1, KSU1, KSU1, KSU1, T47A, T47A, T47A, T47A, R42A, R42A, HODGE, HODGE, S45A, S45A, Q38A, Q38A.

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

Table with columns: XNQ, Khinaliq, SNR, and other technical details for stations in the Khinaliq region.

Table with columns: Pn, 05, 32, 48, 6, -1.7, and other technical details for stations in the Pn region.

IGQ 09 05:30:56.5, 1.0, 2.2, N:9.8, O:0.0, h:10km, MLV4.0/5

KRSC 09 05:39:16.0, 2.1, 4.9, 17N:156.01E, h:67km, ML6.0

SHO 09 05:39:18.3, 0.9, 4.9, 34N:155.58E, h:56km, mb5.5/11.6

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the IGQ region.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the KRSC region.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the SHO region.

AZER 09 05:32:29.6, 0.1, 4.0, 43N:48.75E, h:4km, ml3.4/30.0, Error ellipse: s-maj=0.9km s-min=0.4km az=309.0

NEIC 09 05:39:18.0, 0.1, 4.9, 43N:155.52E, h:35km, mb5.2/2.98, Error ellipse: s-maj=3.0km s-min=1.4km az=158.0

SHO 09 05:39:19.0, 0.1, 4.9, 37N:155.63E, 0.02, h:62km, 2km, mb5.2/5.56, Error ellipse: s-maj=3.5km s-min=1.7km az=159.2

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the AZER region.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the NEIC region.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the SHO region.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like HLID Hailey, HNR Honiara, CMBT McKee Canyon, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like TPNV Topopah Spring, TPNV Topopah Spring, CTU Camp Tracy, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like LPSR, N23A Red Feather La, N23A Red Feather La, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like Great Sand Dun, EROS Data Cent, Sunnyside Ranc, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like Malin Array Si, Kiev, Malin Array Si, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like Achnashellach, Dawn, Dawn, etc.

Table with columns: BRTR, comp=Z, 2m, 2.0s, baz=18, slow=38, HERR, Geometown, 77.60 328, 77.61 44, 548A Wiedeman Farm, 77.63 346, SWN1 Swindon, 77.70 331, MORH M'rr'gy, Hung, 77.68 331, ARSA Arzberg, 77.70 333, SZH Strazhica, 77.73 325, WOL Wolverson, 77.73 345, WOL, 77.75 43, GIVF Givet, 77.75 341, X43A Marvell, 77.78 51, X43A Marvell, 77.78 51, CCAR Cane Creek, 77.80 52, DOU Dourbes, 77.81 341, ANTO Ankara, 77.81 319, ANTO Ankara, 77.81 319, ANTO Ankara, 77.81 319, ANTO Ankara, 77.81 319, Y42A Garnett, Star, 77.85 52, 140A Cam and Jess, 77.86 54, S49A Springfield, 77.88 45, WLF Walferdange, 77.88 340, WLF Walferdange, 77.88 340, WLF Walferdange, 77.88 340, T48A Bowling Green, 77.91 46, R50A Paris, 77.91 44, BAIF Baives, 77.92 342, NATX Nacogdoches, 77.96 55, NATX Nacogdoches, 77.96 55, ASUD AI Ashush, Dub, 78.00 294, ASUD AI Ashush, Dub, 78.00 294, STU Stuttgart, 78.01 338, STU Stuttgart, 78.01 338, WVT Waverly, 78.01 48, WVT Waverly, 78.01 48, U47A Clarksville, 78.02 47, BEHE Becesehly, 78.03 332, BEHE Becesehly, 78.03 332, ACCN Adirondack Comp, 78.03 34, W45A Hickory Valley, 78.12 49, V46A Holladay, 78.13 48, KOGS Kog, 78.21 333, Z42A Norrel Spur, H, 78.21 52, 240A Hunter Patters, 78.22 54, 240A Hunter Patters, 78.22 54, Y43A Makyla and Ka, 78.23 51, R51A Hillsboro, 78.23 44, 141A Papa Simpson, 78.24 53, FRGS Fruska Gora, 78.24 330, T49A Edmonton, 78.31 46, U48A Edmonton, 78.31 46, T49A Cassie Pea, Po, 78.32 47, SOKA Soboth, 78.36 333, S50A Richmond, 78.37 45, PERS Pernice, 78.38 333, PERS Pernice, 78.38 333, V47A Nunnely, 78.40 48, MPEP Malo Peshtene, 78.46 326, KBA Koelnbreinsper, 78.48 335, KBA Koelnbreinsper, 78.48 335, OXF Oxford, 78.52 50, OXF Oxford, 78.52 50, OXF Oxford, 78.52 50, W46A Michie, 78.54 49, Y44A Strider, Charl, 78.56 51, X45A UM Field Stati, 78.60 50, R42A Cattlettsburg, 78.62 43, BFO Black Forest, 78.63 338, BFO Black Forest, 78.63 338, OBKA Obir, 78.66 334, U49A Red Boiling Sp, 78.68 46, 241A Mo Tay, Goldon, 78.68 54, T50A Nancy, 78.70 45, WATA Walderalm, 78.73 336, HKT Hockley, 78.73 57, HKT Hockley, 78.73 57, S51A Beattyville, 78.77 44, S51A Beattyville, 78.77 44, WTTA Wattenberg, 78.78 336, 142A Monroe, 78.78 53, CDF Champ du Feu, 78.80 339, CDF, 78.80 339

Table with columns: RETA Reutte, 78.80 337, PLAL Pickwick Lake, 78.81 49, V48A Smith Brothers, 78.81 47, V48A Smith Brothers, 78.81 47, MYKA Terra Mystica, 78.81 334, W47A Westpoint, 78.82 48, MOTA Mosa, 78.84 336, ZAG Zagreb, 78.85 332, X46A Booneville, 78.89 49, DIM Dimitrovgrad, 78.92 324, 143A Socs Landing, 78.94 52, 143A Socs Landing, 78.94 52, Y45A Yeager Farm, C, 78.97 50, S52A Salyersville, 78.97 44, CRES Creigey, 79.01 333, ECH Echery, 79.01 339, ECH Echery, 79.01 339, ABTA Abfaltersbach, 79.01 335, LJU Ljubljana, 79.09 334, LJU Ljubljana, 79.09 334, 341A Kurthwood, 79.09 54, 341A Kurthwood, 79.09 54, SLE Schleitheim, 79.12 328, DIVS Divivare, 79.12 329, DIVS Divivare, 79.12 329, CADG Cadrg, 79.12 329, T51A Gray, 79.16 45, PLD Plovdiv, 79.19 325, U50A Jamestown, 79.19 46, OZLJ Ozalj, 79.20 333, DAVA Damuels, 79.21 337, V49A McMillnville, 79.22 47, W48A Pulaski, 79.23 48, FETA Feichten, 79.24 336, X47A Russelville, 79.28 49, Z45A Winona, 79.29 51, Z45A Winona, 79.29 51, Y46A Houston, 79.30 50, KZD Kuzhali, 79.31 324, VTS Vitosh, 79.32 326, VTS Vitosh, 79.32 326, VTS Vitosh, 79.32 326, VTS Vitosh, 79.32 326, N59A State Game Lan, 79.35 37, MOF Molkenrain, 79.36 339, BOJS Bojanci, 79.36 333, BOJS Bojanci, 79.36 333, CEY Cerknica, 79.39 333, HAU Haudompre, 79.40 340, CCA1 Carmenelles, 79.44 348, CCA1 Carmenelles, 79.44 348, CCA1 Carmenelles, 79.44 348, BLY Banja Luka, 79.45 331, BLY Banja Luka, 79.45 331, BLY Banja Luka, 79.45 331, HINF Hinterfeld, 79.46 339, HAPS Han Pijesak, BI, 79.47 330, T52A Hallie, 79.48 44, BBLS Lazic#263i, 79.52 329, ARMA Armidale, 79.54 183, RZN Rozhen, 79.55 325, W49A Belvidere, 79.57 47, TRI Trieste, 79.61 334, TRI Trieste, 79.61 334, SWET Sewanee, 79.65 47, DAVOX Davos-Dischmat, 79.68 337, TZTN Tazewell, 79.69 45, RDO Rodhopi, 79.70 324, ALN Alexandroupoli, 79.72 324, ALN Alexandroupoli, 79.72 324, FUORN Entpass-Fuorn, 79.73 337, X48A Hartselle, 79.73 48, RIY Rijeka, 79.75 333, 244A Avery, Jackson, 79.83 52, U52A Thorn Hill, 79.90 45, MVL Millersville, 79.90 38, JOE Queens East, 79.91 345, V51A Loudon, 79.92 46, V51A Loudon, 79.92 46, JRS Jersey, 79.92 345, JSA Saint Aubin, 79.94 345, JSA Saint Aubin, 79.94 345, W50A Signal Mountai, 79.96 47, W50A Signal Mountai, 79.96 47, KKB Krumnik, 80.00 326, MMB Musomiste, 80.00 325, PLE Pilevija, 80.00 329, X49A Woodville, 80.03 48, FLN La Foliniere, 80.06 344, UDBI Udine, 80.09 332, UDBI Stuetta, 80.11 337, Y48A Jasper, 80.11 49, CPCT Cooper Cave, 80.13 46, NVR Nevrokopi, 80.16 325, LDF La Druitiere, 80.16 344

Table with columns: 146A Union, 80.19 51, 146A Union, 80.19 51, SDMD Soldier's Deli, 80.20 39, Z47A Carrollton, 80.24 50, IVA Berane, 80.24 329, V52A Sevierville, 80.24 45, 245A Little AP, Sta, 80.25 52, W51A Cleveland, 80.26 46, 344A Westbrook Farm, 80.28 53, 344A Westbrook Farm, 80.28 53, UPM Unac-Piva, 80.28 329, UPM Unac-Piva, 80.28 329, U53A Fall Franch, 80.28 44, NVLJ Novolja, 80.33 333, Z48A Northport, 80.35 49, ZAIG Zlatos, 80.35 66, KOME Kolasin, 80.39 329, X50B Fort Payne, 80.40 47, SRS Serral, 80.46 325, PVY Play, 80.46 328, GRR Gorrion, 80.49 344, SKO Isparta, 80.49 317, ISP Isparta, 80.50 319, ISP Isparta, 80.50 319, Y49A Blount Mountai, 80.52 48, TAOE Nuku Hiva Isla, 80.53 116, TAOE Nuku Hiva Isla, 80.53 116, 147A Livingston, 80.56 50, 147A Livingston, 80.56 50, LNIG Linares, 80.56 63, NKY Niksic, 80.59 329, NKME Krsivo, 80.65 329, VAY Vayodovo, 80.66 326, BRY Bratogost, 80.67 330, BRY Bratogost, 80.67 330, KNT Kendrickon, 80.68 326, RAR Rarotonga, 80.71 138, SENIN Lac Senin/Sane, 80.72 338, CABF La Chapelle, 80.77 339, CABF La Chapelle, 80.77 339, PDG Podgorica, 80.85 329, PDG Podgorica, 80.85 329, TTTG Podgorica, 80.85 329, TTTG Podgorica, 80.85 329, TTTG Podgorica, 80.85 329, TTTG Podgorica, 80.85 329, CEME Cevo, 80.86 329, TREB Trebinje, 80.86 329, LRAL Lakeview Rete, 80.90 49, SSF Saint Saule, 80.92 341, CVRD Centerville Ro, 80.94 40, ROSF Rostrenen, 80.95 346, ROSF Rostrenen, 80.95 346, STON Ston, 80.97 330, STON Ston, 80.97 330, Z49A Columbiana, 81.00 49, BUM Brajci-Budva, 81.08 329, HCY Herceg Novi, 81.09 329, HCY Herceg Novi, 81.09 329, DRME Dracevica, Mon, 81.09 329, DRME Dracevica, Mon, 81.09 329, KRUS Krusovo, 81.09 327, X52A Dahlonega, 81.12 46, Y51A Rockmart, 81.14 47, PLG Polygyros, 81.16 325, PMOR Pomoriaro Rete, 81.17 125, AVF Avril sur Loir, 81.20 341, AVF Avril sur Loir, 81.20 341, BG3 Lake Jocassee, 81.25 45, Z50A Ashland, 81.25 48, Z50A Ashland, 81.25 48, ULC Ulcinj, 81.26 329, QUIF Quistic, 81.34 346, 149A Jones, 81.36 49, BIA Bitola, 81.37 327, B37A Saraland, 81.44 51, OHR Ohrid, 81.48 327, X53A Estanollee, 81.48 46, BGF Bois d'Agland, 81.53 341, FNA Florina, 81.56 327, FNA Florina, 81.56 327, FNA Florina, 81.56 327, CSS Mathiatis, 81.63 315, CSS Mathiatis, 81.63 315, Y52A Lilburn, 81.65 47, LPL La Plagne, 81.65 338, LPL La Plagne, 81.65 338, LPG La Plagne, 81.66 338, 249A Camden, 81.69 50, 150A Eclectic, 81.73 49, LIT Litokhoron, 81.76 326, LIT Litokhoron, 81.76 326, ALFC Alefka, 81.81 316, KZN Kozani, 81.84 326, KMSC Kings Mountain, 81.86 44, KMSC Kings Mountain, 81.86 44, STKA Stephens Creek, 81.87 192, STKA Stephens Creek, 81.87 192, STKA Stephens Creek, 81.87 192, TCF Toulx Ste Croi, 81.92 342, TCF Toulx Ste Croi, 81.92 342, VYC Villacollemand, 81.98 335

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like SZAC, W52A, AKMC, MFF, BNI, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like MTE, ES19, ES19, ES19, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like SKR, SKR, SKR, etc.

9d 5h

BJT	comp=Z,17um,21.0s	29.31	267	eP	P	05 45 37.1 +0.4
BJT	comp=Z,40nm,1.2s				pmax	
BJT	comp=Z,17um,21.0s				MLR	
MIDW	Midway	29.47	126	PFAKE	LR	05 45 50.0 +12
MIDW	comp=Z,8um,21.0s				LR	
SVW2	Sparrotho	29.48	48	eP	P	05 45 38.2 +0.3
SVW2	comp=Z,23nm,0.8s				LR	
SVW2	comp=Z,6um,20.0s				LR	
SII	Sitkinak Island	30.47	57	PFAKE	LR	05 46 00.0 +13
IM3	Indian Mountai	30.69	38	eP	P	05 45 49.2 +0.6
JOW	Kunigami	30.84	233	eP	P	05 45 50.0 -0.2
JOW	comp=Z,95nm,1.0s				LR	
OHAK	Old Harbor	30.87	55	eP	P	05 45 49.4 -0.8
OHAK	comp=Z,43nm,0.8s				LR	
OHAK	comp=Z,20um,22.0s				LR	
PPLA	Purkeypile	31.12	44	PFAKE	LR	05 46 00.0 +7.5
PPLA	comp=Z,6um,19.0s				LR	
KDAK	Kodiak Island	31.18	54	PFAKE	LR	05 46 10.0 +17
KDAK	comp=Z,14um,20.0s				LR	
KDAK	Kodiak Island	31.18	54	pP	P	05 45 50.5 -2.4
CAST	Castle Rocks	31.18	43	eP	P	05 45 53.5 +0.6
CAST	comp=Z,53nm,0.8s				LR	
CAST	comp=Z,7um,21.0s				LR	
WAKE	Wake Island	31.21	160	PFAKE	LR	05 46 10.0 +16
WAKE	comp=Z,13um,19.0s				LR	
SKT	Skwentna	31.42	46	eP	P	05 45 55.4 +0.3
SKT	comp=Z,37nm,0.9s				LR	
HOM	Homer	31.48	51	eP	P	05 45 55.1 -0.5
HOM	comp=Z,94nm,0.8s				LR	
BPAW	Bear Paw Mtn.	31.69	42	eP	P	05 45 57.9 +0.5
BPAW	comp=Z,78nm,0.9s				LR	
BPAW	comp=Z,6um,18.0s				LR	
CNPM	China Poot	31.69	51	eP	P	05 45 57.5 0.0
CNPM	comp=Z,55nm,0.8s				LR	
KTH	Kantishna Hill	31.70	43	eP	P	05 45 58.1 +0.5
KTH	comp=Z,9um,21.0s				LR	
KTH	comp=Z,172nm,1.2s				LR	
SUA	Susitna One	31.81	47	PFAKE	LR	05 46 10.0 +11
SUA	comp=Z,6um,21.0s				LR	
MLY	Manley	31.84	40	eP	P	05 45 59.4 +0.6
MLY	comp=Z,4um,20.0s				LR	
MLY	comp=Z,53nm,0.8s				LR	
BRLK	Bradley Lake	31.85	50	eP	P	05 45 58.8 0.0
BRLK	comp=Z,26nm,0.7s				LR	
TRF	Thorofore Moun	31.99	43	eP	P	05 46 00.8 +0.6
TRF	comp=Z,9um,22.0s				LR	
TRF	comp=Z,81nm,0.9s				LR	
SONA1	Songino Array	32.19	287	eP	P	05 46 02.6 +0.5
SONM	Songino Array	32.20	287	pP	P	05 45 59.3 -2.8
COLD	Coldfoot	32.25	36	eP	P	05 46 02.5 +0.3
COLD	comp=Z,79nm,0.7s				LR	
COLD	comp=Z,5um,20.0s				LR	
RC01	Rabbit Creek A	32.32	48	eP	P	05 46 03.1 +0.2
RC01	comp=Z,32nm,0.9s				LR	
PMR	Palmer	32.58	47	eP	P	05 46 05.4 +0.3
PMR	comp=Z,8um,21.0s				LR	
PMR	comp=Z,22nm,0.7s				LR	
PMR	comp=Z,5um,22.0s				LR	
MCK	McKinley	32.59	43	eP	P	05 46 05.5 +0.2
MCK	comp=Z,161nm,0.9s				LR	
MCK	McKinley	32.59	43	eP	P	05 46 05.5 +0.2
MCK	comp=Z,8um,19.0s				LR	
MCK	comp=Z,161nm,0.9s				MLR	
TLY	Talaya	32.63	294	eP	P	05 46 06.6 +0.8
TLY	comp=Z,8um,19.0s				LR	
TLY	comp=Z,47nm,1.2s				LR	
TLY	Talaya	32.63	294	eP	P	05 46 06.6 +0.8
TLY	comp=Z,13um,20.0s				LR	
TLY	comp=Z,47nm,1.2s				MLR	
RND	Reindeer	32.63	43	eP	P	05 46 05.7 0.0
RND	comp=Z,13um,20.0s				LR	
RND	comp=Z,163nm,0.9s				LR	
RND	Reindeer	32.63	43	eP	P	05 46 05.7 0.0
RND	comp=Z,8um,19.0s				LR	
RND	comp=Z,163nm,0.9s				MLR	
GHO	Glory Hole Cre	32.66	46	eP	P	05 46 06.8 +0.8
GHO	comp=Z,8um,19.0s				LR	
GHO	comp=Z,36nm,0.7s				LR	
TOLK	Toolik Lake Re	32.66	34	eP	P	05 46 06.3 +0.4
TOLK	comp=Z,98nm,0.6s				LR	
TOLK	comp=Z,4um,19.0s				LR	
MDM	Murphy Dome	32.91	41	eP	P	05 46 09.1 +1.0
MDM	comp=Z,108nm,0.8s				LR	
SML	Sawmill	32.94	46	eP	P	05 46 08.9 +0.5
SML	comp=Z,4um,20.0s				LR	
SML	comp=Z,251nm,0.8s				LR	
SML	Sawmill	32.94	46	eP	P	05 46 08.9 +0.5
SML	comp=Z,5um,21.0s				LR	
SML	comp=Z,251nm,0.8s				MLR	
SML	Sawmill	32.94	46	eP	P	05 46 08.4 -0.1
WRH	Wood River Hill	32.96	41	eP	P	05 46 08.4 -0.1
WRH	comp=Z,6um,19.0s				LR	
WRH	comp=Z,118nm,1.0s				LR	
COLA	College	33.07	41	eP	P	05 46 10.2 +0.8
COLA	comp=Z,259nm,0.8s				LR	
COLA	College	33.07	41	eP	P	05 46 10.2 +0.8
COLA	comp=Z,259nm,0.8s				pmax	
CCB	Clear Creek Bu	33.09	41	eP	P	05 46 10.1 +0.6
CCB	comp=Z,81nm,0.8s				LR	
ZAK	Zakamensk	33.24	292	eP	P	05 46 10.3 -1.0
ZAK	comp=Z,7um,19.0s				LR	
ZAK	comp=Z,17nm,1.1s				pmax	
DHY	Denali Highway	33.31	44	eP	P	05 46 11.4 -0.3
DHY	comp=Z,116nm,1.1s				LR	
DHY	comp=Z,6um,20.0s				LR	
SCM	Sheep Creek Mo	33.41	46	eP	P	05 46 13.3 +0.7
SCM	comp=Z,150nm,1.0s				LR	
SCM	comp=Z,4um,19.0s				LR	
SCM	Sheep Creek Mo	33.41	46	eP	P	05 46 13.3 +0.7

2012 SEP

SCM	comp=Z,150nm,1.0s				pmx	
SCM	Hardin Lake	33.46	42	eP	P	05 46 12.6 -0.3
HDA	comp=Z,4um,19.0s				LR	
HDA	comp=Z,39nm,0.6s				LR	
IL1	Eielson Array	33.48	41	eP	P	05 46 13.3 +0.3
ILAR	Eielson Array	33.48	41	pP	P	05 46 12.6 -0.4
ILAR	comp=Z,57nm,0.8s,baz=257,slo=7.2,SNR=16					
ILB	Eielson Array	33.48	41	eP	P	05 46 13.3 +0.3
SARN	Sarigan	33.50	197	eP	P	05 45 12.9 -0.7
SARN	comp=Z,50nm,1.0s				LR	
GLI	Glacier Island	33.62	48	eP	P	05 46 14.4 +0.1
GLI	comp=Z,48nm,0.9s				LR	
GLI	comp=Z,5um,20.0s				LR	
ANA2	Anatshan	33.86	197	eP	P	05 46 17.4 +0.7
ANA2	comp=Z,38nm,0.5s				LR	
FID	Port Fidalgo	33.93	48	eP	P	05 46 16.9 -0.1
FID	comp=Z,98nm,1.2s				LR	
FID	comp=Z,6um,21.0s				LR	
KLU	Klutina	34.12	47	eP	P	05 46 19.5 +0.8
KLU	comp=Z,53nm,1.0s				LR	
KLU	comp=Z,7um,21.0s				LR	
FYU	Fort Yukon	34.17	38	eP	P	05 46 20.3 +1.4
FYU	comp=Z,209nm,0.8s				LR	
FYU	comp=Z,5um,20.0s				LR	
MID	Middleton Isla	34.19	50	PFAKE	LR	05 46 30.0 +11
MID	comp=Z,5um,20.0s				LR	
PAX	Paxson	34.19	44	eP	P	05 46 19.7 +0.4
PAX	comp=Z,70nm,0.6s				LR	
PAX	Paxson	34.19	44	eP	P	05 46 19.7 +0.4
PAX	comp=Z,7um,20.0s				LR	
PAX	comp=Z,70nm,0.6s				MLR	
DIV	Divide	34.23	47	eP	P	05 46 20.4 +0.7
DIV	comp=Z,68nm,0.7s				LR	
DIV	comp=Z,7um,20.0s				LR	
EYAK	Cordova Ski Ar	34.32	48	eP	P	05 46 21.1 +0.8
EYAK	comp=Z,37nm,0.8s				LR	
EYAK	comp=Z,10um,21.0s				LR	
HARP	HAARP	34.38	45	eP	P	05 46 22.2 +1.3
HARP	comp=Z,91nm,0.9s				LR	
RIDG	Independ'e Rid	34.41	43	eP	P	05 46 21.1 -0.1
RIDG	comp=Z,4um,20.0s				LR	
RIDG	comp=Z,8um,20.0s				LR	
DOT	Dot Lake	34.77	43	eP	P	05 46 23.5 -0.7
DOT	comp=Z,67nm,0.8s				LR	
DOT	comp=Z,6um,18.0s				LR	
SCRK	Sand Creek	34.77	42	eP	P	05 46 24.5 +0.1
SCRK	comp=Z,101nm,0.9s				LR	
SCRK	comp=Z,6um,20.0s				LR	
BMRM	Bremner River	34.81	48	PFAKE	LR	05 46 40.0 +15
BMRM	comp=Z,8um,20.0s				LR	
RAGM	Ragged Mountai	34.87	49	eP	P	05 46 26.3 +1.2
RAGM	comp=Z,67nm,1.0s				LR	
RAGM	comp=Z,11um,22.0s				LR	
YOJ	Yonaguni jima	35.57	238	PFAKE	LR	05 46 40.0 +8.5
YOJ	comp=Z,6um,22.0s				LR	
TGL	Tana Glacier	35.70	48	PFAKE	LR	05 46 40.0 +7.6
TGL	comp=Z,12um,22.0s				LR	
BALM	Baldy	35.89	47	PFAKE	LR	05 46 50.0 +16
BALM	comp=Z,6um,21.0s				LR	
EGAK	Eagle	35.93	41	PFAKE	LR	05 46 50.0 +16
EGAK	comp=Z,4um,22.0s				LR	
TATO	Taipei	36.02	240	PFAKE	LR	05 46 50.0 +15
TATO	comp=Z,10um,18.0s				LR	
YHNB	Yeheng	36.33	240	PFAKE	LR	05 46 50.0 +12
YHNB	comp=Z,9um,20.0s				LR	
NACB	Ninganchiao	36.59	239	PFAKE	LR	05 46 50.0 +10
NACB	comp=Z,9um,18.0s				LR	
GUMO	Guam	36.71	198	PFAKE	LR	05 46 50.0 +8.8
GUMO	comp=Z,4um,20.0s				LR	
DAWY	Dawson	36.78	42	PFAKE	LR	05 46 50.0 +8.6
DAWY	comp=Z,9um,21.0s				LR	
PCA	Pinnacle	37.09	48	PFAKE	LR	05 47 00.0 +16
PCA	comp=Z,8um,22.0s				LR	
SSLB	Suanguilung	37.25	240	PFAKE	LR	05

AAK	comp=Z,784nm,15.3s	54.26	296	PFAKE	LR	LR	05 49 10.0	+10
AAK	Ala-Archa							
AAK	comp=Z,18um,20.0s	54.26	296	pP	P	P	05 48 59.5	-0.4
AAK	Ala-Archa	54.26	296	pP	P	P	05 48 59.5	-0.4
E08A	comp=Z,6.5nm,0.6s,baz=62,slo=4.8,SNR=4.2	54.27	58	eP	P	P	05 48 59.8	+0.1
ARU	Dider Farm, El							
ARU	Arti	54.31	317	PFAKE	LR	LR	05 49 10.0	+10
ARU	Arti	54.31	317	pP	P	P	05 48 58.9	-0.9
ARU	Arti	54.31	317	pP	P	P	05 48 58.9	-0.9
ARU	Arti	54.31	317	PPP	P	P	05 48 58.8	-0.9
HUMO	Hull Mountain	54.37	64	PFAKE	LR	LR	05 49 10.0	+10
HUMO	Hull Mountain	54.37	64	PFAKE	LR	LR	05 49 10.0	+10
CHTO	Chiang Mai	54.39	257	PFAKE	LR	LR	05 49 10.0	+9.1
CHTO	Chiang Mai	54.39	257	PFAKE	LR	LR	05 49 10.0	+9.1
CM31	Chiang Mai Arr	54.65	257	eP	P	P	05 49 04.2	+1.5
CMAR	Chiang Mai Arr	54.65	257	pP	P	P	05 49 03.4	+0.6
PINE	comp=Z,4.3nm,1.0s,baz=31,slo=7.2,SNR=42	54.82	62	PFAKE	LR	LR	05 49 20.0	+16
PINE	Pine Mountain							
KHMM	comp=Z,3um,22.0s	54.96	66	PFAKE	LR	LR	05 49 20.0	+15
KHMM	Horse Mountain							
G08A	Pilot Rock	55.04	59	PFAKE	LR	LR	05 49 20.0	+15
G08A	Pilot Rock	55.04	59	PFAKE	LR	LR	05 49 20.0	+15
YBH	Yreka Blue Hor	55.05	65	PFAKE	LR	LR	05 49 20.0	+15
YBH	Yreka Blue Hor	55.05	65	PFAKE	LR	LR	05 49 20.0	+15
KMRM	Mali Ridge	55.38	67	PFAKE	LR	LR	05 49 20.0	+12
KMRM	Mali Ridge	55.38	67	PFAKE	LR	LR	05 49 20.0	+12
K05A	Summer Lake	55.50	63	PFAKE	LR	LR	05 49 20.0	+11
K05A	Summer Lake	55.50	63	PFAKE	LR	LR	05 49 20.0	+11
KEV	Kevo	55.51	341	PFAKE	LR	LR	05 49 20.0	+12
KEV	Kevo	55.51	341	PFAKE	LR	LR	05 49 20.0	+12
KCPM	Cahto Peak	55.79	67	eP	P	P	05 49 12.0	+1.1
KCPM	Cahto Peak	55.79	67	eP	P	P	05 49 12.0	+1.1
FAKI	Fak Fak	55.84	209	PFAKE	LR	LR	05 49 20.0	+8.8
FAKI	Fak Fak	55.84	209	PFAKE	LR	LR	05 49 20.0	+8.8
WDC	Whiskeytown Da	55.86	66	PFAKE	LR	LR	05 49 20.0	+8.8
WDC	Whiskeytown Da	55.86	66	PFAKE	LR	LR	05 49 20.0	+8.8
ARCES	ARCESS Array B	56.01	341	pP	P	P	05 49 11.3	-0.5
ARCES	ARCESS Array B	56.01	341	pP	P	P	05 49 11.3	-0.5
AREO	AREO	56.01	341	PFAKE	LR	LR	05 49 20.0	+8.1
AREO	AREO	56.01	341	PFAKE	LR	LR	05 49 20.0	+8.1
JTMT	Jette	56.11	54	PFAKE	LR	LR	05 49 30.0	+17
JTMT	Jette	56.11	54	PFAKE	LR	LR	05 49 30.0	+17
BMO	Blue Mountains	56.24	59	PFAKE	LR	LR	05 49 30.0	+16
BMO	Blue Mountains	56.24	59	PFAKE	LR	LR	05 49 30.0	+16
MOD	Modoc Plateau	56.35	63	PFAKE	LR	LR	05 49 30.0	+15
MOD	Modoc Plateau	56.35	63	PFAKE	LR	LR	05 49 30.0	+15
J08A	Circle Bar Ran	56.51	61	PFAKE	LR	LR	05 49 30.0	+14
J08A	Circle Bar Ran	56.51	61	PFAKE	LR	LR	05 49 30.0	+14
HOPS	Hopland Field	56.53	67	PFAKE	LR	LR	05 49 30.0	+14
HOPS	Hopland Field	56.53	67	PFAKE	LR	LR	05 49 30.0	+14
GPMM	Pine Mountain	56.70	67	eP	P	P	05 49 17.0	-0.3
GPMM	Pine Mountain	56.70	67	eP	P	P	05 49 17.0	-0.3
GKMM	Mount Knoctail	56.72	67	eP	P	P	05 49 18.3	+0.8
GKMM	Mount Knoctail	56.72	67	eP	P	P	05 49 18.3	+0.8
GDXM	Geysers	56.82	67	PFAKE	LR	LR	05 49 30.0	+12
GDXM	Geysers	56.82	67	PFAKE	LR	LR	05 49 30.0	+12
CSGM	Seigler Mounta	56.83	67	eP	P	P	05 49 17.4	-0.7
CSGM	Seigler Mounta	56.83	67	eP	P	P	05 49 17.4	-0.7
WVOR	Wild Horse Val	56.99	62	PFAKE	LR	LR	05 49 30.0	+11
WVOR	Wild Horse Val	56.99	62	PFAKE	LR	LR	05 49 30.0	+11
MCCM	Marconi Conter	57.19	68	PFAKE	LR	LR	05 49 30.0	+9.4
MCCM	Marconi Conter	57.19	68	PFAKE	LR	LR	05 49 30.0	+9.4
LUWI	Luwuk	57.60	220	PFAKE	LR	LR	05 49 40.0	+16
LUWI	Luwuk	57.60	220	PFAKE	LR	LR	05 49 40.0	+16
FFC	Flin Flon	57.68	42	PFAKE	LR	LR	05 49 40.0	+16
FFC	Flin Flon	57.68	42	PFAKE	LR	LR	05 49 40.0	+16
MFID	Camas Ranch	57.97	59	PFAKE	LR	LR	05 49 40.0	+14
MFID	Camas Ranch	57.97	59	PFAKE	LR	LR	05 49 40.0	+14
SUMG	Summit	58.02	5	PFAKE	LR	LR	05 49 40.0	+13
SUMG	Summit	58.02	5	PFAKE	LR	LR	05 49 40.0	+13
SUMG	Summit	58.02	5	i	P	P	05 49 26.2	-0.3
SUMG	Summit	58.02	5	i	P	P	05 49 26.2	-0.3
FCC	Fort Churchill	58.18	35	PFAKE	LR	LR	05 49 40.0	+13
FCC	Fort Churchill	58.18	35	PFAKE	LR	LR	05 49 40.0	+13
EGMT	Eagleton	58.30	52	PFAKE	LR	LR	05 49 40.0	+12
EGMT	Eagleton	58.30	52	PFAKE	LR	LR	05 49 40.0	+12
AKTO	Aktyubinsk	58.32	312	pP	P	P	05 49 28.0	-0.4
AKTO	Aktyubinsk	58.32	312	pP	P	P	05 49 28.0	-0.4
HNR	Honiara	58.60	175	PFAKE	LR	LR	05 49 40.0	+9.4
HNR	Honiara	58.60	175	PFAKE	LR	LR	05 49 40.0	+9.4
HLID	Hailey	58.67	58	PFAKE	LR	LR	05 49 40.0	+8.8
HLID	Hailey	58.67	58	PFAKE	LR	LR	05 49 40.0	+8.8
CMB	Columbia Colle	58.76	67	PFAKE	LR	LR	05 49 40.0	+8.2
CMB	Columbia Colle	58.76	67	PFAKE	LR	LR	05 49 40.0	+8.2
KNTN	Kanton	59.03	141	PFAKE	LR	LR	05 49 50.0	+16
KNTN	Kanton	59.03	141	PFAKE	LR	LR	05 49 50.0	+16
BMN	Battle Mountai	59.08	63	PFAKE	LR	LR	05 49 50.0	+16
BMN	Battle Mountai	59.08	63	PFAKE	LR	LR	05 49 50.0	+16
BOK	Bokaro	59.32	272	eP	P	P	05 49 35.5	-0.3
BOK	Bokaro	59.32	272	eP	P	P	05 49 35.5	-0.3
NVAR	Mina Array Bea	59.75	65	pP	P	P	05 49 40.1	+1.3
NVAR	Mina Array Bea	59.75	65	pP	P	P	05 49 40.1	+1.3
DHRM	DHARAMSHALA	59.77	285	eP	P	P	05 49 39.7	+0.7
DHRM	DHARAMSHALA	59.77	285	eP	P	P	05 49 39.7	+0.7
MDPB	Devils Postpil	59.81	66	PFAKE	LR	LR	05 49 50.0	+11
MDPB	Devils Postpil	59.81	66	PFAKE	LR	LR	05 49 50.0	+11
NV11	Mina Array Sit	59.84	65	PFAKE	LR	LR	05 49 50.0	+11
NV11	Mina Array Sit	59.84	65	PFAKE	LR	LR	05 49 50.0	+11
OMMB	Old Mammoth Mi	59.87	66	PFAKE	LR	LR	05 49 50.0	+10
OMMB	Old Mammoth Mi	59.87	66	PFAKE	LR	LR	05 49 50.0	+10
DDI	Dehra Dun	59.94	283	eP	P	P	05 49 39.9	-0.2
DDI	Dehra Dun	59.94	283	eP	P	P	05 49 39.9	-0.2
DDI	Dehra Dun	59.94	283	IAMs_20	IAMs_20	IAMs_20	06 17 36.5	
SMLA	Simla	59.97	284	eP	P	P	05 49 40.2	+0.1
SMLA	Simla	59.97	284	eP	P	P	05 49 40.2	+0.1
ILULI	Ilulissat	60.16	11	PFAKE	LR	LR	05 49 50.0	+9.2
ILULI	Ilulissat	60.16	11	PFAKE	LR	LR	05 49 50.0	+9.2
ILULI	Ilulissat	60.16	11	i	P	P	05 49 37.9	-2.9
ILULI	Ilulissat	60.16	11	i	P	P	05 49 37.9	-2.9
PAGB	Antelope Grade	60.35	69	PFAKE	LR	LR	05 50 00.0	+17
PAGB	Antelope Grade	60.35	69	PFAKE	LR	LR	05 50 00.0	+17
RLMT	Red Lodge	60.45	54	PFAKE	LR	LR	05 50 00.0	+17
RLMT	Red Lodge	60.45	54	PFAKE	LR	LR	05 50 00.0	+17
SCO	Scoresbysund	60.52	359	PFAKE	LR	LR	05 50 00.0	+17
SCO	Scoresbysund	60.52	359	PFAKE	LR	LR	05 50 00.0	+17
NIL	Nilore	60.74	289	PFAKE	LR	LR	05 50 00.0	+15
NIL	Nilore	60.74	289	PFAKE	LR	LR	05 50 00.0	+15

HVU	Hansel Valley	60.74	59	PFAKE	LR	LR	05 50 00.0	+15
HVU	Hansel Valley	60.74	59	PFAKE	LR	LR	05 50 00.0	+15
REDW	Red Top Meadow	60.76	57	PFAKE	LR	LR	05 50 00.0	+14
REDW	Red Top Meadow	60.76	57	PFAKE	LR	LR	05 50 00.0	+14
DGMT	Dagmar	60.81	49	PFAKE	LR	LR	05 50 00.0	+14
DGMT	Dagmar	60.81	49	PFAKE	LR	LR	05 50 00.0	+14
LAO	LASA Array	60.99	51	PFAKE	LR	LR	05 50 00.0	+13
LAO	LASA Array	60.99	51	PFAKE	LR	LR	05 50 00.0	+13
AHID	Auburn Hatcher	61.02	57	PFAKE	LR	LR	05 50 00.0	+13
AHID	Auburn Hatcher	61.02	57	PFAKE	LR	LR	05 50 00.0	+13
BGU	Big Grassy Mou	61.17	60	PFAKE	LR	LR	05 50 00.0	+12
BGU	Big Grassy Mou	61.17	60	PFAKE	LR	LR	05 50 00.0	+12
SPUT	South Promonto	61.24	59	PFAKE	LR	LR	05 50 00.0	+11
SPUT	South Promonto	61.24	59	PFAKE	LR	LR	05 50 00.0	+11
R11A	Troy Canyon, C	61.41	64	PFAKE	LR	LR	05 50 00.0	+10
R11A	Troy Canyon, C	61.41	64	PFAKE	LR	LR	05 50 00.0	+10
ISA	Isabella, Lake	61.48	68	PFAKE	LR	LR	05 50 00.0	+10
ISA	Isabella, Lake	61.48	68	PFAKE	LR	LR	05 50 00.0	+10
DAC	Darwin (Calif)	61.60	67	PFAKE	LR	LR	05 50 00.0	+8.6
DAC	Darwin (Calif)	61.60	67	PFAKE	LR	LR	05 50 00.0	+8.6
XMAS	Kiritimati	61.70	124	PFAKE	LR	LR	05 50 00.0	+8.0
XMAS	Kiritimati	61.70	124	PFAKE	LR	LR	05 50 00.0	+8.0
DUG	Dugway, Tooele	61.78	60	PFAKE	LR	LR	05 50 10.0	+18
DUG	Dugway, Tooele	61.78	60	PFAKE	LR	LR	05 50 10.0	+18
BW06	Boulder Array	61.87	56	PFAKE	LR	LR	05 50 10.0	+17
BW06	Boulder Array	61.87	56	PFAKE	LR	LR	05 50 10.0	+17
PDAR	Pinedale Array	61.87	56	pP	P	P	05 49 54.5	+1.3
PDAR	Pinedale Array	61.87	56	pP	P	P	05 49 54.5	+1.3
TPNV	Topopah Spring	61.95	65	PFAKE	LR	LR	05 50 10.0	+16
TPNV	Topopah Spring	61.95	65	PFAKE	LR	LR	05 50 10.0	+16
TCUT	Toone Canyon	61.95	59	PFAKE	LR	LR	05 50 10.0	+16
TCUT	Toone Canyon	61.95	59	PFAKE	LR	LR	05 50 10.0	+16
OSI	Osito Audit, C	62.03	69	eP	P	P	05 49 54.6	+0.5
OSI	Osito Audit, C	62.03	69	eP	P	P	05 49 54.6	+0.5
OSI	Osito Audit, C	62.03	69	LR	LR	LR	05 50 10.0	+16
CTU	Camp Tracy	62.05	59	PFAKE	LR	LR	05 50 10.0	+16
CTU	Camp Tracy	62.05	59	PFAKE	LR	LR	05 50 10.0	+16
JLU	Jordanelle	62.27	59	PFAKE	LR	LR	05 50 10.0	+14
JLU	Jordanelle	62.27	59	PFAKE	LR	LR	05 50 10.0	+14
PSUT	Pine Spring	62.29	62	PFAKE	LR	LR	05 50 10.0	+14
PSUT	Pine Spring	62						

Table with columns for location, date, time, and status. Includes entries like Ferguson Farm, Bloomington, Poplar Bluff, etc.

Table with columns for location, date, time, and status. Includes entries like Z41A, X43A, MET Memphis-Engin, etc.

Table with columns for location, date, time, and status. Includes entries like ARMA, VTS Vitosh, BOJS Bojanci, etc.

Table with columns: JMK, ICH, KUZ, JIO, JANG, MAT, MAT. Includes station names like Ichinoseki, Kuzumaki, Ouri, Nango, Matsushiro and their respective coordinates and status.

IDC 09 05:58:59.9.1.8, 2.28N, 126.77E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/50, mbtmp3.7/5, Error ellipse: s-maj=107.4km s-min=24.2km az=68.0, Northern Molucca Sea

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

IDC 09 06:04:59.2.2.3, 10.865N, 113.60E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.4/53, mbtmp3.6/4, Error ellipse: s-maj=114.3km s-min=26.5km az=48.0, South of Jawa

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

IDC 09 06:08:45.6.5.6, 18.635N, 169.53E, h266km, 4.3km, mb3.4/3, mb1 3.5/4, mb1mx3.1/45, mbtmp4.0/4, Error ellipse: s-maj=85.7km s-min=56.4km az=166.0, Vanuatu Islands

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

IDC 09 06:09:50.0.1.2, 10.36N, 126.54E, h0km, mb4.0/9, mb1 4.1/9, mb1mx3.7/52, mbtmp4.0/9, Error ellipse: s-maj=108.3km s-min=5.5km az=70.0

MAN 09 06:09:54.5, 10.54N, 126.53E, h31km, mb4.8, ML3.7, MS3.7

IDC 09 06:09:52.1.3.9, 10.51N, 126.62E, h0.008, h15km, 24km, n20, c1527/26, mb4.1/9, 2C-2D, Philippine Islands region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BESP, PLP, MSLP, BUTP, CAG, TBP, BUKP, RCP, FITZ, WRA, ASAR, MKAR, ZALV, KURBB, ARCES, FINES, PLCA.

IDC 09 06:16:20.4.1.2, 10.705N, 113.95E, h0km, mb3.9/7, mb1 4.1/8, mb1mx3.8/45, mbtmp3.9/8, ML3.7/1, Error ellipse: s-maj=59.0km s-min=16.8km az=54.0

ISC/JB 09 06:16:23.4.0.6, 10.855N, 113.84E, 0.05, h33km, mb3.9/7, Error ellipse: s-maj=7.6km s-min=5.3km az=153.4

DJA 09 06:16:25.6.0.5, 11.53N, 111.4E, h30km, M4.5/13, mb4.5/2, ML4.4

ISC 09 06:16:24.7.0.8, 10.865N, 113.90E, 0.05, h35km, n20, c1533/28, mb3.9/7, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IGBI, JAGI, GMJI, BLJI, PWJI, TWJI, PCJI, KMJI, WOCI, PLAI, UGM, KPJI, FITZ, WRA, CMAR, STKA, SONM, MKAR, VVDA.

MAN 09 06:32:44.2, 10.34N, 126.76E, h193km, mb4.2, ML3.0, MS2.7, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BESP, MSLP, PLP, LLLP, CGP, BUKP.

KRNET 09 06:39:52.6.0.1, 41.33N, 71.13E, h13km, mb2.4, NNC 09 06:39:53.8.3.1, 41.33N, 71.04E, h0km, mb3.0, mpv2.8, Error ellipse: s-maj=25.8km s-min=15.8km az=169.0

ISC 09 06:39:53.0.1.3, 41.31N, 71.04E, h0.004, h16km, n12, c1557/21, 19C-4D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BTK, ARSB, ARSB, MNAS, MNAS, MNAS, KK31, AML, AML, SFK, EKS2, ARLS, ARLS, AAK, AAK, KZA, KZA, TKM2, TKM2.

MEX 09 06:40:38.6.0.6, 15.633N, 94.11W, h56km, 1.4km, MD3.8, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG, HUIG, CCIG, VHO, VHO, TPIG.

ISC/JB 09 06:46:15.6.0.3, 38.73N, 0.03, 55.51E, 0.03, h10km, mb3.5/5, Error ellipse: s-maj=4.1km s-min=3.3km az=18.5

IDC 09 06:46:15.5.1.6, 38.61N, 0.55, 55.36E, h0km, mb3.4/5, mb1 3.7/10, mb1mx3.5/45, mbtmp3.6/10, ML3.2/5, Error ellipse: s-maj=38.1km s-min=12.7km az=6.0

TEH 09 06:46:16.0, 38.61N, 55.59E, h10km, ML4.0, THR 09 06:46:17.1, 0.5, 38.56N, 55.62E, h4km, 6km, ML3.7, NNC 09 06:46:17.9, 2.6, 38.93N, 55.74E, h0km, mb4.3, mpv4.5, Error ellipse: s-maj=25.9km s-min=10.3km az=67.0

AZER 09 06:46:22.1.1.7, 38.42N, 55.00E, h5km, m4.3/3, Error ellipse: s-maj=19.1km s-min=12.0km az=11.0

ISC 09 06:46:16.5.0.6, 38.65N, 0.05, 55.60E, 0.04, h10km, n66, c2529/74, mb3.6/5, 26C-7D, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MRVT, MRVT, MRVT, BJRD, BJRD, BJRD, GEYT, GEYT, GYA0B, GYA0B, ASHT, ASHT, ISFR, ISFR, ISFR, IGLO, SHRO, SHRO, IEMG, IEMG, IEMG, IKIA, IKIA, IKIA, IKRD, IKRD, IKRD, IAKL, IAKL, IAKL.

Large table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IALA, Alash, ANJ, IPAY, IPAY, IPAY, IPAY, IPAY, IPAN, IPAN, IPAN, IFIR, IFIR, ISRO, ISRO, ISRO, ILAS, Lasjerd, IMOG, Moghan, IMOG, IMOG, DAMV, Damavand, IDMV, IDMV, IMYA, IMYA, IMYA, JRKH, JRKH, TNSJ, TNSJ, TKDS, TKDS, ASTR, Astar, GLBA, GLBA, ANAR, ANAR, TPVR, TPVR, LRK, LRK, XNQ, XNQ, SHRT, SHRT, SHRT, ITEG, ITEG, IYKH, YZKH, SEKA, SEKA, ORD, ORD, IMRD, IMRD, GDB, GDB, KBZ, KBZ, AB31, AB31, AB31, KK31, KK31, AAK, AAK, BRTR, Keskin Array, BRVK, Borovoye, BRVK, BVA0, BVA0, ARU, ARU, KURBB, KURBB, MKAR, MKAR, TLB, TLB, AKAS, Malin Array, VRI, Vriaclova, MLR, MLR, DLR, DLR, VOIR, VOIR, ZALV, ZALV, DRGR, DRGR, ESCD, ESCD.

KRSC 09 06:46:16.6.0.5, 54.95N, 162.59E, h41km, 11km, ML4.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MKZ, MKZ, KBTR, Krutoberegovo, TUMR, TUMR, BZGR, Bezymyanni-Gr, ZLN, Zelenaya, BZMR, Bezymyannaya.

PTL		S	Sn	07 26 51.6 +0.8	RKY Sarkoy-Tekirda	4.38 28 ePg	Pn	07 27 06.4 -4.5	BZS Buzias	9.01 347 f/P	Pn	07 28 13.6 +0.5
DION	Dionios Attik	1.29 341 P	Pn	07 26 33.4 +1.8	GRG Griva	4.40 339 P	Pn	07 27 12.6 +1.5	BZS Buzias	9.01 347 P	Pn	07 28 13.8 +0.7
SN		AML	AML	07 26 52.5	KNT Kendrickon	4.47 345 P	Pn	07 27 14.5 +2.5	comp=Z.47nm,1.0s	9.10 353 f/P	Pn	07 28 14.4 +0.1
DION	comp=E.9288µm,0.7s	AML	AML	07 26 53.1	MMRT Marmara Adasi	4.48 32 ePg	Pn	07 27 10.8 -3.5	DEV Deva	9.10 353 P	Pn	07 28 18.0 +3.7
DION	comp=N.8117µm,0.8s	AML	AML	07 26 53.1	FNA Florina	4.61 329 ePn	Pn	07 27 14.8 +1.0	DEV Deva	9.10 353 P	Pn	07 28 18.0 +3.7
KTHR	Kythira	1.31 244 P	Pn	07 26 33.4 +1.7	FNA Florina	4.61 329 ePn	Pn	07 27 14.8 +1.0	comp=Z.28nm,0.9s	9.14 4 f/P	Pn	07 28 15.9 +1.1
KTHR		S	Sn	07 26 52.2 +1.0	SBT4 Kumbag-Tekirda	4.64 30 ePg	Pn	07 27 12.2 -1.9	DOPR Dopca	9.14 10 f/P	Pn	07 28 16.5 +1.5
ANKY	Antikythira Is	1.35 224 S	Pn	07 26 33.5 +1.3	VAY Valandovo	4.70 342 f/Pn	Pn	07 27 16.6 +1.6	PLDR Plostina	9.14 10 P	Pn	07 28 16.4 +1.5
ANKY		P	Pn	07 26 52.6 +0.6	VAY Valandovo	4.70 342 P	Pn	07 27 17.4 +2.3	VRI Vriociaia	9.17 10 f/P	Pn	07 28 16.6 +1.4
ANKY		AML	AML	07 26 54.0	VAY Valandovo	4.70 342 P	Pn	07 27 17.4 +2.3	VRI Vriociaia	9.17 10 P	Pn	07 28 16.6 +1.4
ANKY	comp=N.9760µm,0.4s	AML	AML	07 26 56.3	KORT Korkuelli	4.72 86 ePg	Pn	07 27 16.5 +0.9	KOT Kottamia	9.25 136 P	Pn	07 28 13.5 -3.0
ANKY	comp=E.11006µm,0.4s	AML	AML	07 26 56.3	KBN Korca	4.73 324 P	Pn	07 27 19.1 +3.5	HAG Hagaj	9.38 135 P	Pn	07 28 15.3 -3.0
ANKY	Antikythira Is	1.35 224 P	Pn	07 26 33.5 +1.3	MMB Musomiste	4.76 353 P	Pn	07 27 17.2 +1.2	HHAG Hagaj	9.38 135 P	Pn	07 28 15.3 -3.0
ANKY		S	Sn	07 26 52.4 +0.4	BIA Bitola	4.83 311 Pn	Pn	07 27 18.7 +1.9	baz=137			
CHAN	Chania	1.37 194 P	Pn	07 26 34.2 +0.8	RZM Rozhen	4.83 2 P	Pn	07 27 22.2 +1.5	baz=136			
IMMV	Iera Moni Meta	1.44 196 P	Pn	07 26 34.2 +1.0	KDZ Kurdzhali	4.85 9 P	Pn	07 27 10.8 -3.5	HNTI Hanita	9.56 110 Sn	Sn	07 28 57.5 -8.9
IMMV		S	Sn	07 26 53.7 -0.1	SBT3 Marmara-Eregli	4.88 33 ePg	Pn	07 27 11.2 -6.0	BLV Banja Luka	9.62 327 f/Pn	Pn	07 28 19.6 -1.7
IMMV	comp=N.15569µm,0.3s	AML	AML	07 26 54.3	ISP Isparta	4.93 77 f/P	Pn	07 27 21.5 +3.2	BLV Banja Luka	9.68 125 P	Pn	07 28 18.0 -3.3
IMMV	comp=E.22787µm,0.5s	AML	AML	07 26 55.1	ISP Isparta	4.93 77 eP	Pn	07 27 18.0 -3.0	baz=125			
IMMV	Iera Moni Meta	1.44 196 P	Pn	07 26 34.2 +1.0	OHR Ohrid	5.12 327 f/Pn	Pn	07 27 21.6 +0.8	MMA08 Mount Meron ar	9.77 110 Sn	Sn	07 30 02.9 -8.5
VAM	Vamos	1.46 188 S	Pn	07 26 34.2 +0.8	KTG Krupnik	5.15 248 P	Pn	07 27 22.0 +1.0	MMA1 Mount Meron ar	9.77 110 Sn	Sn	07 30 20.6 -2.8
VAM		S	Sn	07 26 54.3 +0.2	KLUS Krusevo	5.16 332 P	Pn	07 27 20.0 +0.8	comp=Z.4.3nm,0.3s,baz=299,slow=10,SNR=7.4			
VAM		AML	AML	07 26 55.9	PLD Plovdiv	5.25 2 ePn	Pn	07 27 23.6 +1.2	comp=Z.14nm,0.3s,baz=301,slow=23,SNR=14			
VAM	comp=E.10868µm,0.2s	AML	AML	07 26 58.1	PLD Plovdiv	5.25 2 P	Pn	07 27 24.8 +2.4	TESR Tescani	9.79 9 f/P	Pn	07 28 24.2 +0.6
VAM	comp=N.15928µm,0.3s	AML	AML	07 26 58.1	PLD Plovdiv	5.25 2 P	Pn	07 27 23.3 +0.9	SLDI Safir	9.87 115 Sn	Sn	07 30 04.5 -9.2
VAM	Vamos	1.46 188 P	Pn	07 26 34.2 +0.8	DIM Dimitrograd	5.26 2 P	Pn	07 27 24.1 +1.5	KSTI Kefar Szold	9.88 108 Sn	Sn	07 30 05.8 -8.2
VAM	Vamos	1.46 188 S	Pn	07 26 34.3 +0.9	DUM Dimitrograd	5.26 9 P	Pn	07 27 40.8 +1.9	SUZ	9.99 133 P	Pn	07 28 22.8 -2.3
VAM		AML	AML	07 26 54.3 +0.2	SUTC Sutuce-Ispart	5.26 81 ePg	Pn	07 27 23.1 +0.3	baz=133			
VAM	comp=N.15928µm,0.3s	AML	AML	07 26 58.1	SLUM Salum	5.38 173 P	Pn	07 27 23.1 -1.2	NATI Neve Ativ	9.91 108 Sn	Sn	07 30 07.0 -7.8
VAM	Vamos	1.46 188 P	Pn	07 26 34.2 +0.8	SLUM baz=177		Sn	07 28 19.0 -6.2	DRGR	10.02 353 f/P	Pn	07 28 28.1 +1.4
VAM	Vamos	1.46 188 S	Pn	07 26 34.3 +0.9	SKO Skopje	5.62 336 f/Pn	Pn	07 27 28.0 +0.6	DRGR	10.02 353 P	Pn	07 28 27.3 +0.6
VAM		AML	AML	07 26 54.3 +0.2	PGB Panagyurishte	5.70 358 P	Pn	07 27 29.3 +0.8	NBNS Bani Suef	10.05 143 P	Pn	07 30 24.4 -2.5
VAM	comp=N.269nm,0.3s,baz=78,slow=22,SNR=9.7	AML	AML	07 26 56.1 -1.0	VTS Vitosha	5.81 351 f/Pn	Pn	07 27 31.3 +1.1	MMLI Mount Malkishu	10.12 113 Sn	Sn	07 30 09.3 -8.8
VAM		AML	AML	07 26 56.1 -1.0	VTS Vitosha	5.81 351 f/Pn	Pn	07 27 31.3 +1.1	UDBI Udbina	10.11 322 ePn	Pn	07 28 26.1 -1.9
VAM	comp=N.154nm,18.6s,baz=188,slow=36	LR	LR	07 27 05.5	VTS Vitosha	5.81 351 P	Pn	07 27 31.5 +1.4	WTBI			
VAM		AML	AML	07 26 35.4 +0.2	VTS Vitosha	5.81 351 P	Pn	07 27 31.8 +1.6	BIZ Bicaz	10.15 6 f/Pn	Pn	07 30 12.7 -6.9
VAM		AML	AML	07 26 35.0 -0.1	JMS Yambol	5.84 16 P	Pn	07 27 31.6 +1.4	KZIT Kziot	10.17 123 Pn	Sn	07 28 26.2 -2.6
VAM		AML	AML	07 26 35.7 +0.5	BARS Barje	6.29 342 ePn	Pn	07 27 37.8 +1.3	KZIT Kziot	10.17 123 Pn	Sn	07 30 10.6 -1.0
VAM		AML	AML	07 26 37.2 +0.4	TIP Timpagrande	6.29 293 ePn	Pn	07 27 37.8 +1.3	HMDT Nahal Hemdat	10.21 113 Sn	Sn	07 28 27.6 -1.8
VAM		AML	AML	07 26 38.9 +1.4	TIP Timpagrande	6.29 293 ePn	Pn	07 27 38.1 +1.0	ARCAL ARCALIA	10.23 360 f/P	Pn	07 30 13.1 -9.0
VAM		AML	AML	07 26 59.1	ULC Ulcinj	6.51 323 f/Pn	Pn	07 27 38.0 -1.4	ARCAR Arcar	10.32 337 eSKK/Pdf	Pn	07 28 31.7 +2.2
VAM		AML	AML	07 26 59.5	ULC Ulcinj	6.51 323 f/Pn	Pn	07 28 49.6 -5.3	YTR Yattir	10.39 119 Pn	Sn	07 28 29.2 -2.7
VAM		AML	AML	07 26 59.5	MPEP Malo Peshtene	6.52 355 P	Pn	07 27 40.4 +0.9	DSI Dead Sea	10.46 117 Pn	Sn	07 28 30.8 -2.0
VAM		AML	AML	07 26 37.0 +1.7	ZAPS Zavoj	6.56 348 ePn	Pn	07 27 41.7 +1.5	DSI Dead Sea	10.46 117 Pn	Sn	07 30 19.2 -9.0
VAM		AML	AML	07 26 37.3 +1.9	CGLI Ceglie Messapi	6.64 307 ePn	Pn	07 27 41.4 +0.2	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 37.2 +1.8	PVY Plav	6.70 330 f/Pn	Pn	07 27 41.0 -1.1	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 38.1 +0.1	PVY Plav	6.70 330 f/Pn	Pn	07 28 52.9 -4.2	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 37.1 -0.8	TARI Taranto	6.70 305 f/Pn	Pn	07 27 40.8 -1.2	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 39.0 +1.0	DRME Dracevica, Mon	6.71 324 f/Pn	Pn	07 28 48.9 -8.0	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 27 02.5 +0.2	DRME Dracevica, Mon	6.71 324 f/Pn	Pn	07 28 52.3 -4.7	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 40.0 +1.9	DRME Dracevica, Mon	6.71 324 ePn	Pn	07 27 40.7 -1.4	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 38.9 +0.4	PRD Provatia	6.73 19 P	Pn	07 27 43.1 +0.7	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 41.4 +1.2	FASA Fasano	6.81 308 ePn	Pn	07 27 42.5 -1.0	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	FASS Massafra	6.85 306 ePn	Pn	07 28 51.1 -7.7	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	MASS Massafra	6.85 306 ePn	Pn	07 28 53.3 -7.2	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	MASS Selova	6.86 339 ePn	Pn	07 27 44.5 +0.4	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	PDG Podgorica	6.87 326 f/P	Pn	07 27 43.0 -1.2	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	PDG Podgorica	6.87 326 f/P	Pn	07 27 42.6 -1.6	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	PDG Podgorica	6.87 326 f/P	Pn	07 28 56.3 -4.5	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 27 42.4 -1.8	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 28 56.8 -4.0	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 27 42.4 -1.8	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 28 56.8 -4.0	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 27 42.4 -1.8	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 28 56.8 -4.0	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 27 42.4 -1.8	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 28 56.8 -4.0	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 27 42.4 -1.8	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 28 56.8 -4.0	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 27 42.4 -1.8	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 28 56.8 -4.0	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 27 42.4 -1.8	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 28 56.8 -4.0	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 27 42.4 -1.8	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26 42.8 +2.4	TTG Podgorica	6.87 326 ePn	Pn	07 28 56.8 -4.0	HNKL Nakhli	10.53 128 S	Sn	07 30 18.6 -11.1
VAM		AML	AML	07 26								

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like AKBB, GEAO, GERES, KRLC, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like BCLA, BGD, BSD, BSN, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like BOSA, HHC, HHC, CMAR, etc.

ISCJB 09 07:58:17.7.1.1, 38°60'N;05:142°0'E:0.1, h55km, 10km, mb3.5/2, MS3.9/1, Error ellipse: s-maj=19.3km s-min=7.2km az=12.2
 JMA 09 07:58:19.2.0.1, 38°62'N;141°19'E, h48km, 1km, M3.9 JMA Fell II J1.
 IDC 09 07:58:19.3.0.3, 38°61'N;142°07'E, h59km, 27km, mb3.3/2, mb1 3.5/5, mb1mx3.2/5.1, mbtmp3.7/5, ML3.2/3, MS3.9/1, Ms1 3.9/1, ms1mx2.8/2.2, Error ellipse: s-maj=49.8km s-min=23.8km az=93.0

ISC 09 07:58:17.2.1.7, 38°59'N;0°04:142°1'E:0.1, h39km, 5km, n17, r=184/23, Near east coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
					Op	h m s	ISC
OFUJ	Ofunato	0.61	324	P	Sn	07 58 30.0	+0.8
OFUJ	Ofunato	0.61	324	P	Sb	07 58 30.0	-0.1
JIO	Ouri	0.62	258	P	Sn	07 58 29.9	+0.2
JIO	Ouri	0.62	258	P	Sb	07 58 37.1	-1.3
JMK	Ichinoseki	0.80	297	P	Sn	07 58 32.1	+0.2
JMK	Ichinoseki	0.80	297	P	Sb	07 58 41.3	-1.3
JOM	Ohasama	1.10	324	P	Sn	07 58 36.7	+0.6
JOM	Ohasama	1.10	324	P	Sb	07 58 49.8	-0.2
JOU	Okura	1.17	259	P	Sn	07 58 36.9	-0.2
JIMM	Marumori	1.27	236	P	Sn	07 58 38.5	0.0
JIMM	Marumori	1.27	236	P	Sb	07 58 52.6	-1.7
JRG	Rokugo	1.42	305	P	Sn	07 58 40.5	+0.1
JYK	Kaneyama	1.42	284	P	Sn	07 58 40.4	-0.1
JFK	Kawauchi	1.57	219	P	Sn	07 58 43.2	+0.6
JYS	Shirataki	1.65	258	P	Sn	07 58 43.9	+0.1
MAT	Matsushiro	3.22	238	P	Sn	07 59 14.0	+1.8
MAT	Matsushiro	3.22	238	P	Sb	08 00 00.5	+5.7
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238	P	Sn	07 59 14.3	+2.2
ASAJ	Asahikawa	5.54	4	P	Pn	07 59 39.0	+1.9
SHJ	Hachioji jima 2	5.78	200	P	Pn	07 59 41.6	+1.2
JHU	Jhu	3.2m, 0.3s, baz=52, slow=20, SNR=5.7			Sn	08 00 42.3	-3.1
MJAR	Matsushiro Arr	3.72	238				

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like H10S3 ASCENSION HYDR 7.70 196 T, L10C2 ASCENSION HYDR 7.70 196 T, KIC Kosan Boka 11.03 45 eP, etc.

Table with columns: LAGR Lagunnoye, Time, Res, and various parameters. Includes stations like LAGR Lagunnoye 4.15 256d i/PN eS, Tuman 4.18 255 eP, etc.

Table with columns: UGL, Time, Res, and various parameters. Includes stations like UGL comp=Z,243nm,1.1s pmax pmax, UGL comp=N,306nm,0.9s smax smax, etc.

NIED 09:09:36:00,45.20N,151.60E,h20km,Mw5.4 Best double couple: Mo1.41000x1017 NP1.199.00000; a28.00000; lambda.60.00000; ...

GLVR Golovnino 4.44 253 i/PN eS Pn 09 37 45.0 +0.1 AMB 09 37 47.0 ...

PETK Petropavlovsk 8.93 25 ePn Pn 09 38 44.4 -2.2 ...

ISC 09:09:36:39.0,4.45,20N,103.03,151.38E,0.03,h31km,2km, h30km;P-P,n1413,r1510/1497,ms5.2/453,MS5.3/93, 100C-21D,Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various parameters. Includes stations like KUR Kuril'sk 2.48 272 i/PN eS Pn 09 37 18.0 +0.2, etc.

Table with columns: YSS, Time, Res, and various parameters. Includes stations like YSS comp=N,80nm,1.0s A A 09 39 20.8, etc.

Table with columns: UGL, Time, Res, and various parameters. Includes stations like UGL comp=N,180nm,1.5s pmax pmax, UGL comp=N,200nm,1.5s pmax pmax, etc.

9d 9h

Table with columns: WMO, comp, LR, LR, and numerical values. Rows include stations like Whitehorse, Skagway, Juneau Island, etc.

2012 SEP

Table with columns: AAK, ADAN, KBS, KSH, etc., and numerical values. Rows include stations like Ala-Archa, Kingsbay, Kashi, etc.

600

Table with columns: KEV, G05D, K02D, etc., and numerical values. Rows include stations like Wamic, Willamette Mer, Akbulak array, etc.

N41A	Harden Midland	77.94	43	eP	P	09 48 34.3	-0.4
N41A	Harden Midland	77.94	43	P	P	09 48 33.3	-1.4
VRAC	Vranov	77.95	332	↑/P	P	09 48 35.1	+0.5
VRAC	Vranov	77.95	332	P	P	09 48 35.1	+0.5
VRAC	Vranov	77.95	332	↑/P	P	09 48 34.7	+0.1
KOLL	Kolacno	77.95	330	eP	P	09 48 35.1	+0.5
KOLL	Kolacno	77.95	330	eP	P	09 48 35.1	+0.5
JAVC	Velka Javorina	77.97	331	↑/P	P	09 48 36.0	+1.2
PSZ	Piszkesteto	77.98	329	eP	P	09 48 35.2	+0.3
PSZ	Piszkesteto	77.98	329	↑/P	P	09 48 34.9	0.0
PSZ	Piszkesteto	77.98	329	eP	P	09 48 34.8	0.0
PSZ	Piszkesteto	77.98	329	eP	P	09 48 34.8	-0.1
PRA	Prague	78.00	333	AMS	AMS	10 26 40.0	
GOPC	GO Pecny, Ondr	78.02	333	eS	P	09 48 35.6	+0.6
GOPC	GO Pecny, Ondr	78.02	333	eS	P	09 48 23.6	-2.8
GOPC	GO Pecny, Ondr	78.02	333	eP	P	09 48 35.6	+0.6
GOPC	GO Pecny, Ondr	78.02	333	eS	P	09 48 23.6	-2.8
VOIR	VOIR	78.03	325	↑/P	P	09 48 36.0	+0.7
VOIR	VOIR	78.03	325	P	P	09 48 35.7	+0.4
PRU	Pruhonice	78.04	333	eP	P	09 48 35.7	+0.6
PRU	Pruhonice	78.04	333	eS	P	09 48 28.5	+2.0
PRU	Pruhonice	78.04	333	eP	P	09 48 35.7	+0.6
PRU	Pruhonice	78.04	333	eS	P	09 48 28.5	+2.0
PSN	Prelesenti	78.12	322	P	P	09 48 36.4	+0.8
SULR	SULR	78.15	323	↑/P	P	09 48 35.9	+0.3
MTUR	Matau	78.20	324	↑/P	P	09 48 36.2	0.0
KRUC	Moravsky	78.23	332	↑/P	P	09 48 35.9	-0.4
N42A	Yates City	78.24	43	P	P	09 48 35.7	-0.7
P40A	Paris	78.25	45	eP	P	09 48 36.2	-0.2
P40A	Paris	78.25	45	P	P	09 48 37.1	+0.5
WMOK	Wichita Mounta	78.26	52	eP	P	09 48 37.1	+0.5
WMOK	Wichita Mounta	78.26	52	eP	P	09 48 37.1	+0.5
WMOK	Wichita Mounta	78.26	52	P	P	09 48 36.1	-0.5
WMOK	Wichita Mounta	78.26	52	P	P	09 48 37.8	+1.3
ARR	Arges	78.32	47	P	P	09 48 34.8	-2.1
R38A	Fenwick Farm,	78.35	331	eP	P	09 48 37.7	+0.9
SMOL	Smolenice	78.35	331	eP	P	09 48 37.6	+0.8
SMOL	Smolenice	78.35	331	eP	P	09 48 36.2	-0.7
MOX	Moxa	78.36	335	P	P	09 48 36.3	-0.8
O41A	Passleys Farm,	78.38	44	P	P	09 48 37.8	+0.3
NKC	Novy Kostel	78.47	334	eP	P	09 48 37.8	+0.3
NKC	Novy Kostel	78.47	334	eP	P	09 48 37.8	+0.3
NKC	Novy Kostel	78.47	334	eP	P	09 48 37.8	+0.3
NKC	Novy Kostel	78.47	334	eP	P	09 48 37.8	+0.3
WTSB	Winterswijk	78.51	339	eP	P	09 48 36.8	-0.8
MODS	Modra-Piesok	78.52	331	eP	P	09 48 38.6	+0.8
MODS	Modra-Piesok	78.52	331	eP	P	09 48 38.6	+0.8
MODS	Modra-Piesok	78.52	331	eP	P	09 48 38.6	+0.8
MODS	Modra-Piesok	78.52	331	eP	P	09 48 38.6	+0.8
DEV	Deva	78.53	326	↑/P	P	09 48 38.8	+0.9
DEV	Deva	78.53	326	↑/P	P	09 48 38.8	+0.9
FORT	Forrest	78.54	200	eP	P	09 48 38.7	+0.8
N43A	Stutzman Famil	78.56	42	P	P	09 48 36.9	-1.2
P41A	Barry, Barry	78.63	44	P	P	09 48 36.4	-2.1
Q40A	Laux Farm, Aux	78.64	45	P	P	09 48 36.5	-2.1
BUD	Budapest	78.66	329	↑/P	P	09 48 39.0	+0.5
BUD	Budapest	78.66	329	↑/P	P	09 48 39.8	+1.3
R39A	Chumby, Stover	78.67	46	P	P	09 48 36.7	-2.1
BR131	Keskin Array S	78.67	316	eP	P	09 48 39.2	+0.3
BR131	Keskin Array S	78.67	316	eP	P	09 48 40.1	+1.2
BRTR	Keskin Array B	78.67	316	P	P	09 48 39.8	+0.8
BRTR	Keskin Array B	78.67	316	P	P	09 48 39.7	+0.8
BRTR	Keskin Array B	78.67	316	P	P	09 48 38.3	-0.9
HDIL	Hopedale	78.71	43	P	P	09 48 38.7	-0.8
PRD	Provadiza	78.85	322	P	P	09 48 39.2	-0.4
ANTO	Ankara	78.93	316	↑/P	P	09 48 41.2	+0.7
ANTO	Ankara	78.93	316	eP	P	09 48 41.7	+1.1
ANTO	Ankara	78.98	316	P	P	09 48 42.2	+1.7
ANTO	Ankara	78.98	316	eP	P	09 48 41.9	+1.4
T38A	Diamond	78.99	48	P	P	09 48 40.0	-0.5
S39A	Bolivar	79.00	47	eP	P	09 48 40.4	-0.2
S39A	Bolivar	79.00	47	P	P	09 48 39.3	-1.3
BR231	Keskin MP Arra	79.01	316	eP	P	09 48 42.2	+1.5
TUL1	Leonard	79.03	50	P	P	09 48 39.6	-1.2
P42A	Winchester	79.05	44	eP	P	09 48 39.7	-1.1
P42A	Winchester	79.05	44	P	P	09 48 39.8	-1.0
R40A	Maddies Statio	79.08	46	eP	P	09 48 39.7	-1.3
R40A	Maddies Statio	79.08	46	eP	P	09 48 39.7	-1.3
KHC	Kasperske Hory	79.09	333	eP	P	09 48 41.6	+0.6
KHC	Kasperske Hory	79.09	333	eP	P	09 48 47.6	+1.7
KHC	Kasperske Hory	79.09	333	eP	P	09 58 31.7	-6.3
KHC	Kasperske Hory	79.09	333	eP	P	09 48 40.8	-0.2
Q41A	Truxton	79.10	45	P	P	09 48 40.3	-0.8
N44A	Piper City	79.17	42	P	P	09 48 39.5	-2.0
BZS	Buzias	79.26	327	↑/P	P	09 48 41.9	0.0
WET	Wetzell	79.30	334	↑/P	P	09 48 42.5	+0.4
WET	Wetzell	79.30	334	↑/P	P	09 48 41.8	-0.4
GE2C	GERESS Array S	79.30	333	eP	P	09 48 41.8	-0.4
GE2C	GERESS Array S	79.30	333	eP	P	09 48 41.8	-0.4
GERES	GERESS Array B	79.30	333	P	P	09 48 42.0	-0.2

GERES	comp=Z,6.1nm,0.6s,baz=38,slow=5.0,SNR=41	LR	LR	10 27 54.9			
GEAO	GERESS Array S	79.31	333	eP	P	09 48 41.7	-0.5
ABTX	Strazhica	79.32	59	eP	P	09 48 41.8	-0.6
TX31	Lajitas Arr. Si	79.32	59	eP	P	09 48 42.5	-0.1
TXAR	Lajitas Array	79.32	59	eP	P	09 48 42.1	-0.5
GRF	Grafenberg Arr	79.33	335	eP	P	09 48 43.1	+0.9
GRF	Grafenberg Arr	79.33	335	eP	P	09 48 42.5	+0.4
GRFO	Grafenberg Arr	79.33	335	eP	P	09 48 42.8	+0.6
GRFO	Grafenberg Arr	79.33	335	eP	P	09 48 43.2	+0.8
SOP	Sopron	79.36	331	↑/P	P	09 48 43.5	+1.1
SOP	Sopron	79.36	331	↑/P	P	09 48 43.5	+1.1
CONA	Conrad Observa	79.39	331	eP	P	09 48 43.0	+0.4
SZH	Sztrazhica	79.43	323	P	P	09 48 42.5	-0.3
T39A	Cleaver	79.47	47	P	P	09 48 42.5	-0.7
Q42A	Golden Eagle	79.48	44	P	P	09 48 43.0	-0.2
S40A	Lebanon	79.49	46	P	P	09 48 42.3	-0.9
R41A	Rosebud	79.53	45	P	P	09 48 42.9	-0.6
HERR	Herculeane	79.56	326	↑/P	P	09 48 43.7	+0.2
JMB	Yambol	79.79	322	P	P	09 48 45.3	+0.5
O45A	Potomac	79.79	42	P	P	09 48 44.0	-0.8
T40A	Mansfield	79.82	47	P	P	09 48 44.0	-1.1
R42A	Luebbering	79.83	45	P	P	09 48 43.6	-1.5
HGN	Heimansgroeve	79.83	339	eP	P	09 48 44.5	-0.4
HGN	Heimansgroeve	79.83	339	eS	SS	09 58 53.2	+7.5
HGN	Heimansgroeve	79.83	339	eS	SS	10 04 48.9	+5.5
BEBN	Eben Emael	79.87	339	↑/P	P	09 48 45.0	-0.1
BEBN	Eben Emael	79.87	339	↑/P	P	09 48 58.2	-0.2
MORH	Mil'ir'gy, Hung	79.88	329	↑/P	P	09 48 44.5	-0.7
MORH	Mil'ir'gy, Hung	79.88	329	↑/P	P	09 48 44.2	-1.0
S41A	Jilco Farms,	79.89	46	P	P	09 48 43.9	-1.5
U39A	Green Forest	79.91	48	P	P	09 48 44.5	-1.1
L48A	N Adams	79.95	39	P	P	09 48 44.8	-0.9
MEM	Membach	79.96	338	↑/P	P	09 48 45.3	-0.2
MEM	Membach	79.96	338	P	P	09 48 46.0	+0.4
P44A	Sand Creek, Wi	79.98	43	P	P	09 48 45.4	-0.4
SFIN	Lafayette	79.98	41	P	P	09 48 45.1	-0.8
MOA	Molin	79.99	332	eP	P	09 48 46.0	+0.1
ARSA	Arzberg	80.09	331	eP	P	09 48 46.4	0.0
Q44A	Meyer Farm, Va	80.23	44	P	P	09 48 46.2	-1.0
S42A	Caledonia	80.23	45	P	P	09 48 45.7	-1.5
N47A	Urbana	80.23	40	P	P	09 48 44.7	-2.6
V39A	Pettigrew	80.23	48	P	P	09 48 45.5	-1.9
U40A	Yellville	80.26	48	P	P	09 48 47.1	-0.4
MPPE	Malo Peshtene	80.28	324	P	P	09 48 47.1	-0.3
T41A	Mountain View	80.29	46	P	P	09 48 46.5	-1.1
BCLA	Clavier	80.31	339	↑/P	P	09 48 46.9	-0.6
BEHE	Becsehely	80.33	330	↑/P	P	09 48 47.5	-0.2
BEHE	Becsehely	80.33	330	↑/P	P	09 48 47.2	-0.5
P45A	Graceland, Par	80.34	328	eP	P	09 48 48.8	+0.9
P45A	Graceland, Par	80.35	42	P	P	09 48 47.1	-0.8
S43A	Genefie	80.49	339	↑/P	P	09 48 49.7	+1.3
SNF	Sheridan	80.53	41	P	P	09 48 48.2	-0.7
M49A	Libby Center	80.53	39	P	P	09 48 45.3	-3.5
KOGS	Kog	80.53	330	eP	P	09 48 48.4	-0.4
P46A	Rosedale	80.53	42	P	P	09 48 48.0	-0.8
N48A	Decatur	80.55	40	P	P	09 48 47.5	-1.4
PKRO	Pickering	80.55	34	P	P	09 48 48.1	-0.8
DIM	Dimitrovgrad	80.59	322	P	P	09 48 49.9	+0.8
T42A	Vanduren	80.65	46	P	P	09 48 47.8	-1.7
W39A	Magazine	80.65	49	P	P	09 48 48.3	-1.2
Q45A	Warren Harvey,	80.65	43	P	P	09 48 48.0	-1.5
FUR	Furstenfeldbrü	80.66	334	P	P	09 48 51.2	+1.7
V40A	Witts Springs	80.69	48	eP	P	09 48 50.1	+0.2
V40A	Witts Springs	80.69	48	eP	P	09 48 49.1	-0.8
R44A	Wanville	80.71	44	P	P	09 48 49.4	-0.4
GIVF	Givet	80.73	339	eP	P	09 48 50.4	+0.7
S43A	Fulton Ridge,	80.74	45	P	P	09 48 48.5	-1.5
ALFO	Alfred	80.75	31	P	P	09 48 48.1	-1.7
STU	Stuttgart	80.75	336	eP	P	09 48 50.4	+0.6
STU	Stuttgart	80.75	336	eP	P	09 48 50.5	+0.6
SOKA	Soboth	80.75	331	eP	P	09 48 50.0	0.0
PGB	Panagyurishte	80.76	323	P	P	09 48 49.9	-0.2
PERS	Pernice	80.76	331	iP	P	09 48 49.9	-0.2
DRWO	Darlington Wes	80.77	34	P	P	09 48 49.3	-0.7
WLF	Walferdange	80.78	338	↑/P	P	09 48 50.4	+0.4
WLF	Walferdange	80.78	338	↑/P	P	09 48 50.2	+0.8
WLF	Walferdange	80.78	338	↑/P	P	09 48 50.3	+0.3
DOU	Dourbes	80.79	339	↑/P	P	09 48 48.8	-1.2
DOU	Dourbes	80.79	339	↑/P	P	09 49 03.0	-0.4
JCT	Junction City	80.79					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PCIG, TLIG, PNIG, etc.

IDC 09 10:23:24.9-1.4, 40.70N, 19.64E, h0km, mb3.4/5, mb1 3.6/8, mb1mx3.4/5, mbtmp3.4/8, ML3.1/3, Error ellipse: s-maj=22.3km s-min=20.7km az=122.0

THE 09 10:23:25.7-0.4, 70.6N, 19.66E, h14km, 1km, ML3.1/6, Error ellipse: s-maj=1.3km s-min=0.3km az=283.0

TIR 09 10:23:25.6-0.4, 69.9N, 19.64E, h3km, Md3.4/5, PDG 09 10:23:26.9-0.7, 40.69N, 19.63E, h13km, 1km, ML3.2/11, Error ellipse: s-maj=0.8km s-min=1.0km az=0.0

BEO 09 10:23:27.9-0.7, 40.89N, 19.58E, h0km, ML2.7/4, SIK 09 10:23:27.9-0.3, 41.2N, 2.0E, h0km, ML3.0, Error ellipse: s-maj=540.1km s-min=214.8km az=148.0

ISC 09 10:23:29.9-0.9, 40.16N, 19.64E, 0.02, h22km, 7km, n115, e185/151, mb3.3/5, 13C-12D, Albania

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include VLO, SRN, SRN, etc.

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

MOA 0.7nm, 0.4s 1.1nm, 0.2s 1.2nm, 0.2s

FETA Feichten 9.08 318 ePn Sn 10 25 36.9 -0.7

MOTA Moosalm 9.11 320 ePn Sn 10 25 35.6 -2.5

GERES GERES Array B 9.25 335 Pn 10 25 39.1 -0.8

RETA Reutte 9.38 320 ePn Sn 10 25 42.3 +0.6

RETA 0.5nm, 0.3s 0.8nm, 0.3s

EKA Ekkdalemur Ar 21.07 322 P 10 28 10.0 +0.3

NOA NORARS Array B 21.10 330 P 10 28 10.8 +0.1

TORD Torodi Ar, Bea 31.56 215 eP 10 29 49.7 +1.0

MKAR Makanchi Array 44.65 60 P 10 31 38.1 -0.7

KRSC 09 10:37:46.7-0.5, 55.77N, 160.03E, h6km, 3km, ML3.7, Kamchatka Peninsula

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KMNr, KMNr, KPT, etc.

AZER 09 10:40:38.0-1.2, 38.48N, 43.33E, h5km, ml3.9/7, Error ellipse: s-maj=10.3km s-min=8.9km az=138.0

DDA 09 10:40:40.9, 38.93N, 43.59E, h5km, ML3.7, ICAO 09 10:40:40.9, 39.93N, 43.62E, h5km, ML3.6/10

ISC 09 10:40:41.7-1.0, 38.32N, 02.4358E, 0.02, h4km, 8km, n48, e215/73, 7C-6D, Turkey

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include VMUR, VMUR, ERCV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BGD, BGD, YEDI, etc.

GANJ SRR=13 2.72 50 P P 10 41 27.7 -3.2

MAZI Mazidag 2.87 240 PN P 10 41 29.7 -3.8

BAYT Ayd-ntepe-Bay 3.03 300 PN P 10 41 31.6 -1.0

CHOM Cayelli-Rize 3.07 316 PN P 10 41 31.9 +1.0

DDFL Dedeflitskaro 3.18 37 P P 10 41 34.6 +1.0

PTK Petek 3.27 271 P P 10 41 34.9 +1.0

DUS Dusheti 3.28 15 P P 10 41 37.4 +3.2

SVRC Sivrice-ELAZID 3.39 262 P P 10 41 36.8 +1.3

ONI Oni 3.66 359 P P 10 41 49.3 -2.6

URFA Urfa 4.03 250 PN P 10 41 45.9 +1.7

JMA 09 10:46:39.3-0.6, 45.45N, 151.52E, h30km, M4.3, SKHL 09 10:46:41.7-0.7, 45.06N, 151.45E, h45km, 15km, mb4.8/5

IDC 09 10:46:43.2-4.5, 45.22N, 151.57E, h55km, 25km, mb3.8/5, mb1 3.7/11, mb1mx3.4/5, mbtmp3.8/11, ML3.2/6, Error ellipse: s-maj=78.7km s-min=25.1km az=139.0

ISC 09 10:46:38.2-1.2, 44.67N, 01.1015E, 0.09, h36km, n45, e242/60, mb3.9/5, Eastn of Kuril Islands

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KUR, KUR, KUR, etc.

JFR Furan 6.84 261 P Pn 10 48 18.9 +2.9

JEM Erimo 6.86 250 P Pn 10 48 20.2 +4.0

JNB Urakawa-nobuka 7.03 253 P Pn 10 48 20.2 +1.7

JBT Biratoru 7.12 257 P Pn 10 48 19.9 +2.2

JNK Honobetsu 8.14 258 P Pn 10 48 36.8 +3.0

JKB Kayabe 8.36 254 P Pn 10 48 38.4 +1.7

JKB 10 50 05.2 -4.6

JANG Nango 8.74 244 P Pn 10 48 40.0 +0.9

JANG Tanohata 8.77 241 P Pn 10 50 15.8 -3.5

JTH Tenabayashi 8.82 248 P Pn 10 50 14.3 -5.6

JTM Tanabayashi 8.82 248 P Pn 10 48 45.1 +2.0

PETK Petropavlovsk- 9.29 22 P Pn 10 50 17.6 -3.6

JOSM Okushiri-Mats 9.37 258 P Pn 10 48 53.2 +2.7

OFUJ Ofunato 9.41 237 P Pn 10 48 53.5 +2.3

OFUJ 10 50 32.8 -2.9

JRG Rokugo 9.86 242 P Pn 10 48 59.2 +1.9

MJAR Matsuhiro Arr 10.01 235 P Pn 10 49 02.0 +2.6

USRK Ussuriysk Arr. 14.19 275 P Pn 10 49 57.0 +0.5

KLR Kul'dur 14.45 236 P Pn 10 49 59.6 -0.3

AKASA Karray Be 72.78 326 P Pn 10 58 01.0 -1.5

SKRS Kora Array 19.38 256 P Pn 10 51 04.6 +2.5

MKAR Makanchi Array 47.13 299 P 10 55 06.5 -0.1

FINES FINES Array B 65.54 335 P 10 57 16.4 -1.1

NO2 NORARS Subarra 69.91 341 P 10 57 44.9 -0.2

NB NORARS Array B 69.91 341 P 10 57 49.9 -0.2

KBZ Khabaz 71.66 314 P P 10 57 56.5 +0.6

AKASA Karray Be 72.78 326 P Pn 10 58 01.0 -1.5

SKBL 09 10:50:35.0-0.3, 44.54N, 149.69E, h45km, 13km, mb4.6/6

ISKJL 09 10:50:36.5-0.9, 44.22N, 0.09, 149.57E, 0.08, h6km, 10km, mb3.6/8, Error ellipse: s-maj=16.8km s-min=7.8km az=158.0

JMA 09 10:50:36.0-0.7, 44.75N, 149.51E, h30km, M4.2

IDC 09 10:50:38.7-3.6, 44.61N, 149.37E, h46km, 35km, mb3.4/8, mb1 3.7/10, mb1mx3.4/5, mbtmp3.6/10, ML3.4/2, Error ellipse: s-maj=28.9km s-min=26.7km az=138.0

ISC 09 10:50:37.2-1.6, 44.22N, 0.07, 149.59E, 0.09, h46km, 15km, n44, e225/60, mb3.7/8, Kuril Islands

KUR Kuril'sk 1.59 310 Op Pn 10 50 58.0 -4.9

KUR Kuril'sk 1.59 310 Op Pn 10 50 59.0 -4.9

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like S39A Bolivar, S38A Stockton, S51A Beattyville, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like CNP Catarman, BESP Borongan, PLP Palo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like LZH comp=Z,140m,4.9s, LZH comp=N,280nm,15.5s, etc.

9d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMOG Mognna, RFA San Rafael, ACAN Cantantale, etc.

JMA 09 12:57:33.0:0.4, 42.78N-147.23E, h38km, M3.0
SKHL 09 12:57:35.3:0.7, 42.77N-147.12E, h30km, mb4.3/2
ISC 09 12:57:35.2:0.4, 42.85N-147.17E:0.1, h25km, 16km, n15, c065/23, Off southeast coast of Hokkaido

Main table for 9d 13h section, listing station codes, names, and coordinates. Includes stations like SHO Shikotan, NEM2 Nemuro 2, etc.

NEIC 09 13:01:25.4:0.0, 15.92N-98.22W, h5km, MD4.1 (MEX), After MEX
MEX 09 13:01:25.4:0.9, 15.92N-98.22W, h5km, MD4.1, Off coast of Guerrero

Table for NEIC and MEX stations, listing codes, station names, and coordinates. Includes stations like PNIG Pinotepa, TLIG Tlapi, etc.

NIED 09 13:04:00, 42.70N-145.20E, h74km, Mw3.7. Best double couple: M3.53000x1014, NP119x121.00000, 320.00000, 1.53.00000, NP226x263.00000, 674.00000, 1.102.00000

IDC 09 13:04:09.4:12.0, 43.59N-145.02E, h9km, mb3.8/4, mb1 3.9/4, mb1mx3.5/28, mbtmp3.8/4, Error ellipse: s-maj=312.7km s-min=34.6km az=166.0

JMA 09 13:04:12.8:0.1, 42.63N-145.20E, h73km, 1km, M3.8 JMA Felt J1
ISCJB 09 13:04:12.3:0.7, 42.64N-145.21E:0.06, h77km, 6km, mb3.6/4, Error ellipse: s-maj=11.3km s-min=4.3km az=148.1

SKHL 09 13:04:13.6:0.8, 42.54N-145.31E, h54km, 4km, mb4.6/1
MOS 09 13:04:13.6:0.5, 42.54N-145.31E, h54km, mb4.3/2, Error ellipse: s-maj=33.4km s-min=11.9km az=70.3

ISC 09 13:04:12.9:1.2, 42.63N-145.21E:0.05, h70km, 9km, n26, c063/47, mb3.5/4, 2C, Hokkaido region

Table for NIED, IDC, JMA, SKHL, MOS, and ISC stations, listing codes, station names, and coordinates. Includes stations like JAK Akkeshi, NEM2 Nemuro 2, etc.

2012 SEP

Main table for 2012 SEP section, listing station codes, names, and coordinates. Includes stations like JCH Churui, GRPR Tuman, YUK Yuzh-Kuril'sk, etc.

MAN 09 13:40:09.8, 9.65N-126.95E, h3km, mb4.3, ML3.2, MS3.0, 1C, Mindanao

Table for MAN station, listing code, station name, and coordinates. Includes station BUTP Butuan.

IDC 09 13:44:49.2:2.3, 6.60S-130.03E, h155km, 32km, mb3.4/1, mb1 3.2/5, mb1mx3.0/34, mbtmp3.7/5, Error ellipse: s-maj=59.4km s-min=16.1km az=91.0, Banda Sea

Table for IDC station, listing code, station name, and coordinates. Includes stations like SIJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

TEH 09 13:50:17.4:0.3, 38.39N-46.66E, h10km, ML3.0
AZER 09 13:50:17.4:0.0, 38.37N-46.77E, h8km, M3.0/10, Error ellipse: s-maj=1.5km s-min=0.1km az=15.0

ISC 09 13:50:17.1:1.1, 38.47N-0.03, 46.67E:0.02, h4km, 11km, n130, c1809/33, 12C-7D, Iran-Armenia-Azerbaijan border region

Table for TEH, AZER, and ISC stations, listing codes, station names, and coordinates. Includes stations like IHRS Heris, ITBZ Tabriz, etc.

610

Main table for 610 section, listing station codes, names, and coordinates. Includes stations like IBST, IMRD Marand, IZAZ Azarshahr, etc.

SFS 09 13:59:03.0:3, 48.88N-5.11W, ML2.8, SE BAB TAZA (MARRUECOS)

INMG 09 13:59:04.8:1.2, 34.97N-5.13W, h0km, ML1.9, Error ellipse: s-maj=4.1km s-min=2.9km az=81.0

IGIL 09 13:59:05.3:3, 48.89N-5.07W, h12km, ML2.0
MDD 09 13:59:06.3:0.5, 34.95N-5.01W, h14km, 4km, mbLg2.1/11, Error ellipse: s-maj=4.2km s-min=3.7km az=83.0, PRXIMO

CNRM 09 13:59:06.1:2, 34.98N-5.10W, h54km, ML2.6
ISC 09 13:59:03.8:1.2, 34.98N-5.07W:0.03, h9km, 10km, n56, c114/8/2, 1D, Morocco

Main table for 610 section, listing station codes, names, and coordinates. Includes stations like RSA Sarsar, CEUT Ceuta, MPAL Palemas, etc.

KURK	Kurchatov	121.25 314	ePKIKP	PKPdf	14 55 21.6	-0.7
AAK	Ala-Archa	122.32 304	ePKPdf	PKPdf	14 55 24.7	+0.1
AAK	Ala-Archa	122.32 304	iPKIKP	PKPdf	14 55 25.1	+0.3
AAK			pmax			
comp=Z,11nm,1.3s						
KBL	Kabul	124.42 293	ePKPdf	PKPdf	14 55 29.4	+0.2
KBL	Kabul	124.42 293	ePKIKP	PKPdf	14 55 29.4	+0.2
KK31	Karatay Array	125.28 304	ePKPdf	PKPdf	14 55 29.9	-0.4
KK31	Karatay Array	125.28 304	ePKIKP	PKPdf	14 55 29.9	-0.4
KKAR	Karatay Array	125.28 304	ePKPdf	PKPdf	14 55 29.8	-0.5
KKAR	Karatay Array	125.28 304	ePKIKP	PKPdf	14 55 29.8	-0.5
BRVK	Borovoye	126.67 316	ePKIKP	PKPdf	14 55 32.3	-0.3
BRVK			pmax			
comp=Z,22nm,1.0s						
LSZ	Lusaka	128.06 212	ePKPdf	PKPdf	14 55 36.8	+0.2
LSZ	Lusaka	128.06 212	ePKIKP	PKPdf	14 55 36.8	+0.2
ABKAR	Abkutak array	133.12 311	ePKPdf	PKPdf	14 55 44.5	+0.5
ARU	Arti	133.29 321	ePKPdf	PKPdf	14 55 44.3	-0.7
ARU	Arti	133.29 321	ePKIKP	PKPdf	14 55 46.6	+1.5
ARU				14 58 11.4		
ARU				15 05 46.8	-6.8	
ARU				14 55 43.3		
GEYT	Alibeck	133.76 295	ePKHkp	PKPpre	14 55 47.1	+0.5
GEYT			PKP	PKPdf		
comp=Z,1.5nm,0.8s,baz=343,slow=1.5,SNR=6.3						
GYA01	ALIBECK ARRAY	133.76 295	ePKIKP	PKPdf	14 55 46.2	-0.4
KMBO	Kilima Mbogo	133.12 333	ePKP	PKPdf	14 55 49.0	+0.6
comp=Z,2.0nm,0.8s,baz=120,slow=0.2,SNR=5.5						
KMBO	Kilima Mbogo	134.15 233	ePKIKP	PKPdf	14 55 49.0	+0.6
H1052	ASCENSION HYDR87.5 155	T	T	17 30 31.6		
comp=Z,205,slow=75,SNR=80						
H1053	ASCENSION HYDR87.5 155	T	T	17 30 24.7		
comp=Z,205,slow=75,SNR=80						
H1051	ASCENSION HYDR87.5 155	T	T	17 30 25.9		
comp=Z,205,slow=75,SNR=88						
PRGR	Pernormeg	138.00 331	ePKIKP	PKPdf	14 55 53.1	-0.6
PRGR			pmax			
comp=Z,10.0nm,0.8s						
H10N3	ASCENSION HYDR88.6 154	T	T	17 31 43.9		
comp=Z,204,slow=75,SNR=120						
H10N1	ASCENSION HYDR88.6 154	T	T	17 31 46.4		
comp=Z,204,slow=75,SNR=97						
H10N2	ASCENSION HYDR88.6 154	T	T	17 31 45.3		
comp=Z,204,slow=75,SNR=121						
ARCES	ARCSS Array B	138.74 348	ePKP	PKPdf	14 55 55.9	+1.0
ARCES			PKP	PKPdf		
ARCES			PKP	PKPdf		
comp=Z,2.0nm,0.8s,baz=243,slow=4.0,SNR=4.0						
VRH	Novokhopovskiy	144.25 317	ePKHkp	PKPpre	14 56 01.6	
VRH			pmax			
comp=Z,3.0nm,0.4s						
MOS	Moscow	144.53 326	ePKIKP	PKPdf	14 56 07.4	+1.9
MOS			pmax			
comp=Z,31nm,0.9s						
ZEI	Tsey	144.71 302	ePKIKP	PKPab	14 56 03.8	-1.7
ZEI			pmax			
comp=Z,6.0nm,0.5s						
NCK	Naichik	144.85 303	ePKIKP	PKPdf	14 56 06.4	-0.2
AKH	Akhalkalaki	145.15 300	ePKIKP	PKPdf	14 56 06.7	+0.3
PUL	Pulkovo	145.19 335	ePKIKP	PKPdf	14 56 06.5	-0.1
FIA1	FINESS Array B	145.31 340	ePKPbc	PKPbc	14 56 06.5	-0.1
FINES	FINESS Array B	145.31 340	ePKPbc	PKPbc	14 56 06.7	0.0
comp=Z,84nm,0.8s,baz=64,slow=4.4,SNR=148						
LPSR	Galich ya Gora	145.31 320	ePKP2	PKPbc	14 56 05.9	-1.0
LPSR			pmax			
comp=Z,10.0nm,0.5s						
KBZ	Khabaz	145.32 304	ePKPbc	PKPbc	14 56 06.5	-0.6
comp=Z,10nm,0.9s,baz=130,slow=3.0,SNR=15						
OBN	Obninsk	145.36 325	ePKPbc	PKPbc	14 56 06.4	-0.6
OBN	Obninsk	145.36 325	ePKIKP	PKPbc	14 56 06.9	0.0
comp=Z,28nm,0.9s						
KIV	Kislovodsk	145.44 304	ePKPbc	PKPdf	14 56 07.7	0.0
KIV	Kislovodsk	145.44 304	ePKIKP	PKPdf	14 56 07.9	+0.2
KIV			pmax			
comp=Z,17nm,1.1s						
NEY	Neyrin	145.51 303	ePKIKP	PKPdf	14 56 08.0	+0.1
VSR	Storozhevoye	145.74 318	ePKIKP	PKPdf	14 56 07.3	-0.5
VSR			pmax			
comp=Z,40nm,1.3s						
VORD	Vindogorje	145.76 317	ePKP2	PKPdf	14 56 07.5	-0.3
VORD			pmax			
comp=Z,30nm,1.6s						
VSU	Vasul	147.40 336	ePKP2	PKPbc	14 56 15.2	-0.4
NC303	NORSAR Array S	148.69 351	ePKPbc	PKPbc	14 56 16.7	+0.5
NC204	NORSAR Array S	148.72 352	ePKPbc	PKPbc	14 56 16.5	+0.1
NC405	NORSAR Array S	148.75 351	ePKPbc	PKPbc	14 56 16.5	+0.1
NB201	NORSAR Array S	148.87 351	ePKPbc	PKPbc	14 56 17.2	+0.4
NB2	NORSAR Subarra	148.89 352	ePKP	PKPbc	14 56 16.8	0.0
comp=Z,25nm,0.8s,baz=14,slow=2.8						
NOA	NORSAR Array B	148.89 352	ePKP	PKPdf	14 56 13.7	+0.9
NOA			pmax			
comp=Z,12nm,0.8s,baz=15,slow=4.3,SNR=51						
NOA			PKIKP	PKPdf	14 56 17.7	-0.4
comp=Z,12nm,0.8s,baz=15,slow=4.3,SNR=50						
NB000	NORSAR Array S	148.95 352	ePKPbc	PKPbc	14 56 17.1	+0.2
NA001	NORSAR Array S	149.12 352	ePKPbc	PKPbc	14 56 17.5	+0.1
NC602	NORSAR Array S	149.14 351	ePKPbc	PKPbc	14 56 17.2	-0.2
MNK	Minsk	149.77 300	ePKP2	PKPbc	14 56 19.0	-0.1
KONO	Kongsberg	150.44 352	ePKPbc	PKPbc	14 56 22.0	+0.4
SIM	Simferopol	151.15 309	ePKIKP	PKPbc	14 56 22.0	+0.4
SIM			pmax		14 56 32.0	
AKASG	Malin Array B	151.50 323	ePKPbc	PKPbc	14 56 23.6	+0.2
comp=Z,21nm,0.7s,baz=51,slow=2.8,SNR=59						
AKBB	Malin Array S	151.50 323	ePKPbc	PKPbc	14 56 22.4	+0.9
KIEV	Kiev	151.51 323	ePKPbc	PKPbc	14 56 22.6	-0.7
KIEV	Kiev	151.51 323	ePKIKP	PKPbc	14 56 23.4	+0.1
KIEV			pmax			
comp=Z,48nm,1.3s						
AK11	Malin Array S	151.54 323	ePKPbc	PKPbc	14 56 22.9	-0.5
SUU	Suwali	152.06 333	ePKP	PKPbc	14 56 25.0	+0.5
SUU	Suwali	152.06 333	ePKPbc	PKPbc	14 56 24.4	0.0
SUU	Suwali	152.06 333	ePKIKP	PKPbc	14 56 25.0	+0.5
SUU	Suwali	152.06 333	ePKPbc	PKPbc	14 56 24.9	-0.2
BR131	Keskin Array S	152.81 298	ePKPbc	PKPdf	14 56 18.8	-0.9
BRTR	Keskin Array B	152.81 298	ePKPbc	PKPdf	14 56 18.8	-0.9
BRTR			PKPbc	PKPbc	14 56 26.9	+0.1
comp=Z,3.1nm,0.9s,baz=137,slow=2.5,SNR=13						
BEL	Belsk	154.65 332	ePKP	PKPbc	14 56 31.7	+1.5
BEL	Belsk	154.65 332	ePKIKP	PKPbc	14 56 31.7	+1.5
DBIC	Dimbokro	155.37 163	ePKP	PKPdf	14 56 23.6	-0.2
comp=Z,2.1nm,0.8s,baz=118,slow=3.2,SNR=2.8						
DBIC			PKPab	pPKPbc	14 56 47.4	+0.3
comp=Z,3.3nm,0.8s,baz=191,slow=5.2,SNR=2.9						
UZH	Uzhgorod	156.31 325	ePKP2	PKPab	14 56 52.1	-0.2
CLL	Colzim	157.73 342	ePKP2	PKPab	14 56 59.0	+0.7
CLL			pmax			
comp=Z,8.0nm,0.9s						
BRG	Bergiesshubel	157.85 340	ePKP	PKPdf	14 56 26.5	+0.6
BRG			pmax			
comp=Z,2.6nm,0.9s						
BRG			pmax		14 56 59.0	
comp=Z,8.2nm,1.0s						
BRG			pmax		14 57 15.5	
comp=Z,4.5nm,0.9s						
BRG	Bergiesshubel	157.85 340	ePKIKP	PKPdf	14 56 26.5	+0.6
BRG			pmax		14 56 59.0	
comp=Z,3.0nm,0.9s						
VYHS	Vyhne	158.01 329	ePKP2	PKPab	14 57 00.3	+0.6
VYHS	Vyhne	158.01 329	ePKIKP	PKPab	14 57 00.5	+0.6
KHC	Kasperske Hory	159.50 338	ePKPab	PKPab	14 57 05.5	-0.6
KHC	Kasperske Hory	159.50 338	ePKP	PKPdf	14 56 38.5	+1.0
KHC	Kasperske Hory	159.50 338	ePKPab	PKPab	14 57 06.7	+0.6
KHC	Kasperske Hory	159.50 338	ePKP2	PKPab	14 57 05.5	-0.6
GERES	GERESS Array B	159.71 338	ePKP	PKPdf	14 56 28.5	+0.2
comp=Z,0.6nm,0.8s,baz=118,slow=2.3,SNR=5.4						
GERES			PKPab	PKPbc	14 57 05.4	-1.8
comp=Z,0.7nm,0.7s,baz=28,slow=3.2,SNR=4.4						
RETA	Reutte	161.81 341	ePKPab	PKPab	14 57 16.9	+0.6
comp=Z,5.6nm,0.9s						
MOTA	Moosalm	161.84 340	ePKPab	PKPab	14 57 17.8	+1.2
comp=Z,11nm,1.2s						
DAVA	Damuels	162.23 343	ePKPab	PKPab	14 57 18.6	+0.4
comp=Z,3.9nm,0.9s						
FEICHTEN	Feichten	162.25 341	ePKPab	PKPab	14 57 18.7	+0.3
comp=Z,4.5nm,1.1s						
TOAO	Torodi Arr. Sit	162.71 178	ePKPdf	PKPdf	14 56 31.5	-0.9
TOAO			PKPab	PKPab	14 57 21.9	+1.0
TORD	Torodi Arr. Bea	162.71 178	ePKPdf	PKPdf	14 56 32.2	-0.2
comp=Z,0.9nm,0.8s,baz=321,slow=1.0,SNR=4.3						
TORD			PKPab	PKPab	14 57 19.6	-1.3
comp=Z,7.1nm,0.8s,baz=177,slow=2.5,SNR=22						
FUORN	Ofenpass-Fuorn	162.74 341	ePKPab	PKPab	14 57 19.8	-0.9
TUE	Tuetta	163.12 349	ePKPab	PKPdf	14 57 22.9	+0.4
ESDC	Sonsec Array	169.56 27	ePKP	PKPdf	14 56 36.6	-0.6

ESDC	comp=Z,0.5nm,0.8s,baz=2.9,slow=3.5,SNR=5.5				
ES19	SONSECA Array 169.56 27 ePKPdf PKPdf 14 56 36.2 -1.0				
ES19					
TAMR	Tamra 171.31 320 ePKPdf PKPdf 14 57 50.5 -0.1				
TAMR					
MEX 09:14:59:23.6:0.4,16:24N:98:10W,h8km,2km,MD3.9,Near coast of Guerrero					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
PNIG	Pinotepa	1.05 350	Op	h m s	ISC
PNIG			Pg	14 59 26.4	+0.5
PNIG			Sg	14 59 29.1	-0.1
TLIG	Tiapa	1.19 341	eP	14 59 43.8	-5.5
TLIG			eS	15 00 00.5	-7.3
VHIG	Vista Hermosa	1.55 58	eP	14 59 48.6	-3.1
VHIG			Sb	15 00 07.4	-4.6
HUIG	Huatulco	1.97 104	iP	14 59 53.8	-3.5
HUIG			Pn	15 00 17.5	-4.7
MEIG	Mezcala	2.22 319	eP	14 59 57.7	-3.1
MEIG			Pn	15 00 24.1	-4.3
CAIG	Ei Cayaco	2.23 291	eP	14 59 57.9	-2.9
CAIG			Sb	15 00 24.2	-4.3
PLIG	Platanillo	2.52 328	eP	15 00 02.9	-2.8
PLIG			Sb	15 00 31.5	-4.5
YAIG	Yautepac	2.77 341	iP	15 00 05.5	-2.8
YAIG			Sb	15 00 38.1	-3.9
ARIG	Puente Sto Nin	2.95 314	eP	15 00 08.5	-2.4
ARIG			Sb	15 00 42.5	-3.9
IDC 09:15:09:57.2:2.9,20:32S:168:15E,h0km					

9d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Port Moresby, Warramunga Arr, Alice Springs, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for THIG, THIG, CGIG, PCIG, CGIG.

ISC 09 17:12:20.9:6.4, 28.76S:178.44W, h174km, 55km, mb3.4/7, mb1 3.6/8, mb1mx3.4/30, mbtbp3.9/8, MS3.4/2, Ms1 3.4/2, ms1mx2.7/18, Error ellipse: s-maj=37.4km s-min=21.1km az=36.0

ISCJB 09 17:12:26.7:1.1, 29.20S:0.10:178.7W:0.2, h231km, mb3.4/7, Error ellipse: s-maj=23.8km s-min=13.5km az=5.1

ISC 09 17:12:27.3:1.2, 29.00S:0.2:178.6W:0.2, h231km, n11, 0.126/9, mb3.5/7, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for URZ, STKA, ASAR, WRA, Vnda, FITZ, FITZ, SJU, QSPA, PDAR, FINES, AKASG.

ISCJB 09 17:18:27.3:1.0, 4.8S:0.1:152.8E:0.2, h43km, mb4.0/11, MS3.5/2, Error ellipse: s-maj=29.2km s-min=9.6km az=32.0

ISC 09 17:18:32.4:4.7, 8.1S:152.80E, h71km, 40km, mb3.8/11, mb1 3.9/12, mb1mx3.7/33, mbtbp4.1/12, ML2.0/1, MS3.4/3, Ms1 3.4/3, ms1mx2.8/29, Error ellipse: s-maj=32.5km s-min=17.9km az=103.0

ISC 09 17:18:29.1:1.0, 4.8S:0.1:152.9E:0.2, h43km, n18, 0.122/17, mb4.0/11, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PMG, GUMO, WRA, ASAR, STKA, FITZ, URZ, JNU, KSRS, KSRS, PETK, CMAR, MKAR, ZALV, ILAR, GERES, PTGA, TORD, TORD, DBIC.

NIED 09 17:44:00, 43.80N:147.40E, h59km, Mw3.5. Best double couple: M1: 77000.014, NP1: 224.00000; 322.00000; 1.107.00000; NP2: 25.00000; 369.00000; 1.83.00000

ISCJB 09 17:44:25.7:1.2, 44.04N:0.08:147.4E:0.1, h52km, 12km, Error ellipse: s-maj=17.0km s-min=6.7km az=138.1

SKHL 09 17:44:26.4:1.2, 44.00N:1.07W, h49km, 9km, mb4.3/3 JMA 09 17:44:26.4:0.2, 43.83N:147.38E, h31km, M3.6

ISC 09 17:44:25.5:2.2, 44.00N:0.1:147.5E:0.1, h48km, 21km, n13, 0.059/23, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SHO, SHO, SHO, SHO, YUK, YUK, LAGR, LAGR, LAGR, LAGR.

2012 SEP

Table with columns: GRPR, Tuman, Pn, Time, Res. Includes entries for GRPR, GRPR, GRPR, KUR, KUR, KUR, KUR, NEM, NEM, GLVR, GLVR, GLVR, JRA, JRA, JNK, JNK, JAK, JAK, JTKR, JTKR, JAR, JAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DGB, DGB, GMLD, GMLD, ZEY, ZEY, GCAM, GCAM, GCAM, UURLA, UURLA, UURLA, UURLA, BLCB, BLCB, CHOS, CHOS, AYDB, AYDB, AYDN, AYDN, BODT, BODT, APE, APE.

ISCJB 09 17:57:47.4:0.7, 37.87N:0.04:26.71E:0.05, h10km, 8km, Error ellipse: s-maj=8.1km s-min=5.2km az=39.0

ISK 09 17:57:47.3:37.90N:0.26:71E, h18km, ML2.4/6 DDA 09 17:58:40.7:37.89N:0.26:71E, h8km, ML2.8

ISC 09 17:57:46.7:1.9, 37.90N:0.04:26.73E:0.05, h13km, 19km, n13, 0.043/22, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DGB, DGB, GMLD, GMLD, ZEY, ZEY, GCAM, GCAM, GCAM, UURLA, UURLA, UURLA, UURLA, BLCB, BLCB, CHOS, CHOS, AYDB, AYDB, AYDN, AYDN, BODT, BODT, APE, APE.

ISCJB 09 18:22:59.0:0.8, 10.65N:0.06:126.95E:0.06, h20km, mb3.9/7, MS3.0/1, Error ellipse: s-maj=9.2km s-min=7.4km az=141.3

ISC 09 18:22:58.4:1.2, 10.42N:126.73E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/43, mbtbp3.9/7, MS3.1/1, Ms1 3.1/1, ms1mx2.2/40, Error ellipse: s-maj=75.1km s-min=17.3km az=62.0

MAN 09 18:22:59.8, 10.68N:126.99E, h57km, mb4.6, ML3.4, MS3.4

ISC 09 18:23:00.9:0.9, 10.66N:0.07:126.91E:0.09, h20km, n14, 0.110/19, mb3.6/7, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BESP, BESP, PLP, PLP, MSLP, MSLP, BUTP, BUTP, BUTP, BUTP, GUIM, GUIM, CMAR, CMAR, FITZ, FITZ, WRA, WRA, ASAR, ASAR, ASAR, ASAR, STKA, STKA, MKAR, MKAR, KURBB, KURBB, FINES, FINES.

ISC 09 18:43:33.5:3.2, 22.90N:12.46W, h0km, mb3.4/1, mb1 3.3/2, mb1mx3.1/47, mbtbp3.3/2, ML3.1/1, Error ellipse: s-maj=114.9km s-min=61.7km az=69.0, Mauritania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MDT, MDT, TORD, TORD, MKAR, MKAR, WRA, WRA, ASAR, ASAR.

SOME 09 18:44:00.4, 44.18N:86.62E, h5km NNC 09 18:44:03.8:2.4, 44.24N:86.69E, h0km, mb3.4, mpv3.0

Error ellipse: s-maj=20.2km s-min=12.6km az=120.0

ISC 09 18:43:54.7:3.2, 43.7N:0.1:87.3E:0.2, h10km, n9, 0.215/16, 7C-60, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ZSN, ZSN, MK31, MK31, MK31, MK31, MAZK, MAZK, MAZK, MAZK, DJR, DJR, DJR, DJR, PDGK, PDGK.

616

Table with columns: PDGK, PDGK, PDGK, SHLS, SHLS, KAPS, KAPS, KURBB, KURBB, KURK, KURK.

ISCJB 09 18:59:36.5:0.4, 16.04N:0.04:98.14W:0.03, h10km, mb4.5/61, MS3.9/11, Error ellipse: s-maj=5.7km s-min=3.1km az=19.3

ISC 09 18:59:36.2:0.8, 15.98N:98.31W, h0km, mb4.3/12, mb1 4.5/15, mb1mx4.2/36, mbtbp4.3/15, ML3.2/3, MS3.9/13, Ms1 3.9/13, ms1mx3.6/50, Error ellipse: s-maj=20.2km s-min=14.1km az=35.0

NEIC 09 18:59:38.4:0.0, 15.90N:98.22W, h5km, MD4.3 NEIC 09 18:59:38.4:0.0, 15.90N:98.22W, h5km, mb4.7/64, MD4.3(MEX), Alter MEX.

NEIC 09 18:59:41.4:0.0, 15.96N:0.03:98.29W:0.05, h22km, 1km, Duration: 0 Moment Tensor Solution. s24.c27; s60.c81; Mww-0.65; 16; Mw-0.35; 15; Mw1.13; 22; Mw0.25; 10; Mw-0.55; 27; Best double couple: M3: 10400.0216; NP1: 103.00000; 857.00000; 1.97.00000; NP2: 0.270.00000; 834.00000; 1.79.00000; Principal axes: T 3.2930, P1g77.0000, Azm377.0000; P -2.9160, P1g11.0000, Azm188.0000; nstai refers to body waves, cutoff=40s. nstaz refers to surface waves, cutoff=50s. Triangular

ISC 09 18:59:38.2:9, 15.96N:0.06:98.30W:0.04, h0km, 18km, n328, 0.119/332, mb4.7/62, MS3.9/11, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, MEIG, MEIG, PLIG, PLIG, PLIG, PLIG, UNIM, UNIM, CMIG, CMIG.

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baz=219	TUL1 Leonard	19.99	6	eP	P	19 04 09.8	-0.1
41nm, 1.2s	TUL1 Leonard	19.99	6	P	P	19 04 10.1	+0.2
baz=18	252A Lumpkin	20.18	35	P	P	19 04 12.5	+0.5
baz=220	Z49A Columbiana	20.19	30	P	P	19 04 11.5	-0.6
baz=214, SNR=6.9	Y47A UCPARC, Winfie	20.20	26	P	P	19 04 11.3	-0.8
baz=210	V39A Pettigrew	20.23	11	P	P	19 04 12.0	-0.5
baz=193, SNR=17	ANMO Albuquerque	20.27	340	P	Pn	19 04 14.7	-0.3
7.6nm, 0.7s, baz=144, slow=12, SNR=23	ANMO				Lg	19 10 14.7	
0.4nm, 0.3s, baz=122, slow=10, 0.0, SNR=1.4	ANMO				LR	19 12 17.7	
comp=Z, 973nm, 20.4s, baz=178, slow=38	ANMO Albuquerque	20.27	340	eP	P	19 04 14.4	+1.2
31nm, 1.4s	ANMO Albuquerque	20.27	340	P	P	19 04 13.8	+0.6
baz=157, SNR=8.8	V40A Witts Springs	20.36	13	eP	P	19 04 13.8	-0.2
29nm, 1.2s	V40A Witts Springs	20.36	13	P	P	19 04 13.6	-0.4
baz=139, SNR=11	X46A Booneville	20.47	23	P	P	19 04 14.2	-0.9
baz=207	Y41A Mountainview	20.49	14	P	P	19 04 15.2	-0.2
baz=197	V48A Jasper	20.50	27	P	P	19 04 14.6	-0.8
baz=212	Z50A Ashland	20.54	31	P	P	19 04 14.6	-1.3
baz=216, SNR=6.8	214A Organ Pipe Nat	20.68	323	P	P	19 04 18.9	+1.4
baz=137	152A Waverly Hall	20.70	34	P	P	19 04 17.0	-0.6
baz=219	V42A Cord	20.70	16	P	P	19 04 16.7	-0.9
baz=199	X47A Russelville	20.73	25	P	P	19 04 17.0	-0.9
baz=209, SNR=9.9	U39A Green Forest	20.79	11	P	P	19 04 17.3	-1.3
baz=193	W45A Hickory Valley	20.79	21	Pn	P	19 04 21.8	+0.9
baz=205	Y49A Blount Mountai	20.80	29	eP	P	19 04 16.4	-2.2
71nm, 1.5s	Y49A Blount Mountai	20.80	29	P	P	19 04 18.3	-0.3
baz=214	U40A Yellville	20.88	12	P	P	19 04 19.6	0.0
baz=194, SNR=11	X48A Hartselle	21.01	27	eP	P	19 04 19.4	-1.6
43nm, 1.4s	X48A Hartselle	21.01	27	P	P	19 04 20.3	-0.6
baz=211	U41A Viola	21.08	14	P	P	19 04 21.3	-0.4
baz=197	X18A Snowflake	21.25	333	eP	P	19 04 26.4	+2.7
88nm, 1.8s	U42A Reviden	21.26	16	P	P	19 04 23.2	-0.4
baz=199, SNR=8.4	T38A Diamond	21.29	9	P	P	19 04 23.4	-0.5
baz=190, SNR=9.0	X49A Woodville	21.38	28	P	P	19 04 24.2	-0.8
baz=213	T39A Clever	21.43	11	P	P	19 04 25.2	-0.3
baz=193, SNR=15	W47A Westpoint	21.47	25	P	P	19 04 25.3	-0.6
baz=209	Y51A Rockmart	21.48	31	P	P	19 04 24.9	-1.2
baz=217, SNR=8.5	154A Montrose	21.56	37	P	P	19 04 25.8	-1.0
baz=223	W48A Pulaski	21.64	26	P	P	19 04 26.8	-1.0
baz=211, SNR=8.3	X50B Fort Payne	21.65	29	P	P	19 04 28.0	+0.1
baz=214	V46A Holladay	21.75	23	P	P	19 04 27.5	-1.4
baz=207, SNR=20	T25A Trinidad	21.78	347	P	P	19 04 30.2	+0.7
baz=164, SNR=24	T41A Mountain View	21.78	14	P	P	19 04 28.6	-0.7
baz=197	Z53A Monticello	21.79	35	P	P	19 04 28.1	-1.3
baz=221, SNR=6.5	W49A Belvidere	21.91	27	P	P	19 04 29.4	-1.3
baz=212, SNR=8.2	S38A Stockton	21.93	9	P	P	19 04 30.1	-0.7
baz=191, SNR=8.5	T42A Van Buren	21.94	16	P	P	19 04 29.7	-1.2
baz=198, SNR=11	GOGA Godfrey	21.94	35	eP	P	19 04 30.5	-0.5
26nm, 1.4s	GOGA Godfrey	21.94	35	P	P	19 04 30.0	-1.0
baz=221	Y52A Liburn	21.97	33	eP	P	19 04 30.8	-0.5
53nm, 1.4s	Y52A Liburn	21.97	33	P	P	19 04 30.3	-1.0
baz=219, SNR=6.8	V47A Nunnelly	22.00	24	P	P	19 04 30.5	-1.1
baz=208, SNR=10	U45A Rockin' P Farm,	22.01	21	P	P	19 04 33.5	+1.8
baz=205	S39A Bolivar	22.09	11	eP	P	19 04 33.2	+0.7
48nm, 1.0s	S39A Bolivar	22.09	11	P	P	19 04 32.1	-0.5
baz=192, SNR=21	X51A Calhoun	22.11	31	P	P	19 04 31.2	-1.7
baz=216	SWET Seawee	22.14	28	eP	P	19 04 32.1	-1.1
39nm, 1.4s	WVT Waverly	22.15	23	eP	P	19 04 31.8	-1.4
91nm, 1.4s	WVT Waverly	22.15	23	P	P	19 04 31.8	-1.4
baz=207	S40A Lebanon	22.15	12	P	P	19 04 32.7	-0.5
baz=195, SNR=9.5	Z54A Sparta	22.16	36	P	P	19 04 31.4	-2.0
baz=222	V48A Smith Brothers	22.20	25	eP	P	19 04 33.1	-0.8
66nm, 1.4s	V48A Smith Brothers	22.20	25	P	P	19 04 33.1	-0.8
baz=210, SNR=9.7	T43A Greenville	22.21	17	P	P	19 04 33.1	-0.7
baz=200, SNR=15	Y53A Monroe	22.21	34	P	P	19 04 32.7	-1.3
baz=220, SNR=6.4	Y14A Wickenburg	22.27	326	eP	P	19 04 36.6	+2.0
22nm, 1.1s	S41A Jilco Farms,	22.31	14	P	P	19 04 33.9	-1.0
baz=196, SNR=9.4	GTBY Guantnamo Bay	22.41	76	eP	P	19 04 36.3	+0.2
73nm, 1.6s	W50A Signal Mountai	22.41	29	eP	P	19 04 35.3	-0.8
61nm, 1.4s	W50A Signal Mountai	22.41	29	P	P	19 04 35.2	-0.8
baz=214, SNR=13	R38A Fenwick Farm,	22.48	9	P	P	19 04 36.9	+0.2
baz=191	156A Sylvania	22.55	40	P	P	19 04 39.8	+2.3
baz=226	SDCO Great Sand Dun	22.61	345	eP	P	19 04 39.5	+1.0
29nm, 1.4s	SDCO Great Sand Dun	22.61	345	P	P	19 04 38.9	+0.4
baz=162, SNR=16	V49A McMinnville	22.62	27	P	P	19 04 37.1	-1.2
baz=212	X52A Dahlonaga	22.63	32	P	P	19 04 37.2	-1.2
baz=218	U47A Clarksville	22.63	24	P	P	19 04 36.5	-1.8
baz=208, SNR=9.7	W51A Cleveland	22.64	30	P	P	19 04 37.4	-1.1
baz=215	Y54A Tignal	22.71	35	P	P	19 04 38.5	-0.7
baz=220, SNR=7.7	S42A Galedon	22.71	16	P	P	19 04 39.0	-0.2
baz=199, SNR=13	WUAZ Wupatki	22.71	331	eP	P	19 04 41.5	+2.1
baz=145, SNR=16	WUAZ Wupatki	22.71	331	P	P	19 04 40.9	+1.5
baz=201, SNR=6.0	S43A Fulton Ridge,	22.72	17	P	P	19 04 40.1	+0.8
baz=201, SNR=6.0	R39A Chumby, Stover	22.74	11	P	P	19 04 39.4	-0.1
baz=193, SNR=12	CBKS Cedar Blf	22.80	357	eP	P	19 04 40.1	-0.1
74nm, 1.6s	X53A Estanollee	22.86	33	P	P	19 04 39.4	-1.4
baz=220, SNR=5.9	R40A Maddies Statio	22.87	12	eP	P	19 04 41.2	+0.3
55nm, 1.1s	R40A Maddies Statio	22.87	12	P	P	19 04 40.7	-0.1
baz=195, SNR=22	V50A Pikeville	22.90	29	P	P	19 04 40.4	-0.8
baz=214, SNR=5.7	T46A Princeton	22.92	22	P	P	19 04 40.6	-1.0
baz=195, SNR=6.1	S22A 4UR Ranch, Cre	22.97	342	P	P	19 04 40.3	+0.8
baz=158, SNR=17	Y12C Blythe	22.97	323	eP	P	19 04 44.5	+2.5
26nm, 1.3s	U48A Cassie Pea, Po	22.98	25	P	P	19 04 41.3	-0.8
baz=210, SNR=13	W52A Murphy	23.00	31	P	P	19 04 42.3	+0.1
baz=21	FMV2 French Village	23.01	16	eP	P	19 04 43.7	+1.3
56nm, 1.4s	MVCO Mesa Verde	23.01	339	eP	P	19 04 43.5	+0.8
26nm, 1.1s	MVCO Mesa Verde	23.01	339	P	P	19 04 43.2	+0.6
baz=154, SNR=8.1	R41A Rosebud	23.07	14	P	P	19 04 43.1	+0.1
baz=197, SNR=8.0	S44A Carbonate	23.08	19	P	P	19 04 42.7	-0.3
baz=202, SNR=13	SIUC Southern Illin	23.11	19	eP	P	19 04 43.9	+0.6
78nm, 1.2s	PDMC Parker Dam, Lak	23.16	325	P	P	19 04 46.0	+2.0
baz=21	T47A Sharon Grove	23.18	23	P	P	19 04 42.8	-1.3
baz=208, SNR=13	R42A Luebbering	23.20	15	P	P	19 04 44.2	-0.1
baz=198, SNR=6.8	MOTC Monteria, Cord	23.22	105	eP	P	19 04 45.1	+0.4
baz=169, SNR=7.8	KSCO Kaye Shedlock	23.27	351	P	P	19 04 45.3	+0.1
baz=191	S45A Carrier Mills	23.27	20	P	P	19 04 45.1	0.0
baz=204, SNR=13	Q38A Cooks Store, C	23.28	9	P	P	19 04 45.5	+0.5
baz=191	U49A Red Boiling Sp	23.30	26	P	P	19 04 44.7	-0.6
baz=212, SNR=9.2	V51A Loupal Mount	23.36	30	P	P	19 04 45.5	-0.4
baz=215, SNR=6.9	R43A Red Bud	23.42	17	P	P	19 04 47.1	+0.6
baz=200, SNR=12	W53A Cutwheeze	23.45	33	P	P	19 04 46.0	-1.0
baz=219, SNR=7.7	BC3 Big Chuckawall	23.45	322	P	P	19 04 48.4	+1.4
baz=135, SNR=8.6	Q39A Willow Grove F	23.47	10	P	P	19 04 47.1	+0.1
baz=193, SNR=5.7	TKL Tuckaleechee C	23.52	31	P	P	19 04 47.3	-0.2
3.1nm, 0.5s, baz=192, slow=12, SNR=11	T48A Bowling Green	23.56	24	P	P	19 04 46.7	-1.2
baz=195, SNR=6.8	Q40A Laux Farm, Aux	23.59	12	P	P	19 04 48.1	0.0
baz=195, SNR=6.8	IRM Iron Mountain	23.62	323	P	P	19 04 49.2	+0.6
baz=136, SNR=11	W13A Loupal Mount	23.62	327	eP	P	19 04 50.7	+1.9
49nm, 1.9s	U50A Jamestown	23.63	28	P	P	19 04 47.5	-1.2
baz=214	R44A Wauvillville	23.64	18	P	P	19 04 48.2	-0.5
baz=202, SNR=7.5	Q41A Truxton	23.73	14	P	P	19 04 48.3	-1.3
baz=197, SNR=8.0	P37A Lathrop	23.79	8	P	P	19 04 50.2	0.0
baz=195	S47A Hartford	23.80	23	P	P	19 04 49.1	-1.1
baz=208	Q42A Golden Eagle	23.86	15	P	P	19 04 50.4	-0.4
15nm, 1.0s	U15A North Rim	23.88	331	eP	P	19 04 53.1	+1.6
baz=21	T49A Edmonton	23.91	26	P	P	19 04 51.3	-0.1
baz=204	R45A Skylar, Fairfri	23.93	20	P	P	19 04 51.4	-0.1
baz=204	P39B Salisbury	23.93	11	P	P	19 04 51.5	0.0
baz=193, SNR=8.8	P38A Dawn	23.94	9	eP	P	19 04 49.4	-2.3
39nm, 1.4s	P38A Dawn	23.94	9	P	P	19 04 50.7	-0.9
baz=191, SNR=5.3	PV13 Radium Mtn., P	23.98	339	eP	P	19 04 52.7	+0.5
50nm, 1.6s	U51A La Follette	23.98	29	P	P	19 04 51.7	-0.4
baz=215	V53A Saluda	24.01	32	P	P	19 04 51.9	-0.5
baz=219	BELC Belle Mtn. Jos	24.01	322	P	P	19 04 53.8	+1.2
baz=134	PFO Pinyon Flats O	24.03	320	eP	P	19 04 54.2	+1.5
65nm, 2.0s	Q43A New Douglas	24.11	17	P	P	19 04 52.7	-0.5
baz=200	P40A Paris	24.11	12				

9d 19h

Table with columns for station ID, name, coordinates, elevation, and various performance metrics (e.g., SNR, SNR=21, SNR=14, etc.).

2012 SEP

Table with columns for station ID, name, coordinates, elevation, and various performance metrics (e.g., SNR, SNR=25, SNR=13, etc.).

620

Table with columns for station ID, name, coordinates, elevation, and various performance metrics (e.g., SNR, SNR=25, SNR=13, etc.).

SUMG Summit	52.82	12	iP	P	19 32 54.4 +0.3
SUMG					
David Mesa, Pa					
comp-Z,220nm,0.7s					
PV11	52.83	74	eP	P	19 32 54.6 +0.1
comp-Z,21nm,0.8s					
PV03 Paradox Valley	52.88	74	eP	P	19 32 54.8 0.0
PV02 Paradox Valley	52.97	74	eP	P	19 32 55.1 -0.4
comp-Z,24nm,1.1s					
WUAZ Wupaki	53.24	78	P	P	19 32 56.5 -1.0
baz=313,SNR=6.5					
Y14A Wickenburg	53.36	80	eP	P	19 32 59.4 +1.3
comp-Z,6.6nm,0.9s					
AGMN Agassiz Nation	53.37	56	eP	P	19 32 57.4 -0.5
comp-Z,39nm,0.8s					
AGMN Agassiz Nation	53.37	56	P	P	19 32 56.7 -1.2
ISCO Idaho Springs	53.71	70	P	P	19 33 00.9 0.0
baz=312,SNR=10					
ILULI Ilulissat	53.77	19	iP	P	19 32 59.9 -0.6
comp-Z,42nm,0.7s					
ILULI Ilulissat	53.77	19	iP	P	19 32 59.9 -0.6
comp-Z,42nm,0.7s					
C33A Trail	53.77	57	P	P	19 32 59.7 -1.2
baz=311					
MVCO Mesa Verde	53.79	74	P	P	19 33 01.7 +0.3
baz=313,SNR=5.3					
FRB Froebisher Bay	53.81	30	P	P	19 32 59.9 -1.0
comp-Z,58nm,0.9s, baz=317,slow=8.9,SNR=11					
X16A Lo Mia Camp, P	53.96	79	eP	P	19 33 04.0 +1.3
comp-Z,8.5nm,1.0s					
S22A IUR Ranch, Cre	54.40	73	P	P	19 33 05.9 -0.1
baz=313,SNR=18					
X18A Snowflake	54.77	78	eP	P	19 33 10.6 +2.1
comp-Z,15nm,1.2s					
214A Organ Pipe Nat	54.86	82	P	P	19 33 08.9 -0.1
baz=315					
CD2 Chengdu	54.93	276	P	P	19 33 08.2 -1.4
CD2			pP	pP	19 33 36.7 -1.0
CD2			sP	sP	19 33 50.4 -0.4
CD2			eP	eP	19 35 12.1 -1.4
CD2			S	S	19 40 40.2 -1.8
CD2			SS	SS	19 44 26.5 -0.2
CD2			pmx	pmx	
CD2			pmx	pmx	
CD2			LR	LR	
CD2			LR	LR	
CD2			LR	LR	
OGNE Ogallala	54.96	67	eP	P	19 33 10.1 +0.4
comp-Z,77nm,0.8s					
OGNE Ogallala	54.96	67	P	P	19 33 09.6 -0.1
baz=313,SNR=18					
SDCO Great Sand Dun	55.16	72	eP	P	19 33 12.0 +0.5
comp-Z,24nm,1.3s					
SDCO Great Sand Dun	55.16	72	P	P	19 33 11.9 +0.5
baz=313,SNR=18					
KURK Kurchatov	55.21	310	eP	P	19 33 11.3 +0.1
comp-Z,165nm,0.8s					
KURK Kurchatov	55.21	310	P	P	19 33 11.7 +0.5
SNR=93					
KURK Kurchatov	55.21	310	P	P	19 33 11.7 +0.5
SNR=93					
KURK Kurchatov	55.21	310	eP	P	19 33 11.3 +0.1
KURK Kurchatov			pmx	pmx	
WMQ Urumqi	55.31	298	iP	P	19 33 13.2 +1.1
comp-Z,170nm,0.9s					
WMQ			pP	pP	19 33 45.9 +5.6
WMQ			sP	sP	19 33 57.5 +3.3
WMQ			eP	eP	19 40 11.7 +1.7
WMQ			S	S	19 40 47.6 +0.9
WMQ			sS	sS	19 41 34.7 -0.6
WMQ			ScS	ScS	19 42 46.6 -2.7
WMQ			pmx	pmx	
WMQ			pmx	pmx	
WMQ			LR	LR	
WMQ			LR	LR	
SFJD Kangerlussuaq	55.74	20	P	P	19 33 14.2 -0.6
comp-Z,560nm,16.7s					
SFJD Kangerlussuaq	55.74	20	P	P	19 33 13.8 -1.0
comp-Z,26nm,0.5s, baz=332,slow=4.9,SNR=20					
SFJD Kangerlussuaq	55.74	20	iP	P	19 33 14.6 -0.8
EYMN Ely	55.82	80	eP	P	19 33 16.7 +0.7
baz=313,SNR=15					
TUC Tucson	55.82	80	eP	P	19 33 16.7 +0.7
comp-Z,7.7nm,1.2s					
TUC Tucson	55.82	80	eP	P	19 33 16.7 +0.7
comp-Z,8.0nm,1.2s					
TUC Tucson	55.82	80	P	P	19 33 15.9 0.0
baz=315					
KSCO Kaye Shedlock	55.94	69	P	P	19 33 17.5 +0.7
baz=314,SNR=8.3					
ARCES ARCESS Array B	55.99	348	P	P	19 33 16.1 -0.4
comp-Z,46nm,0.9s, baz=34,slow=7.0,SNR=42					
ARCES ARCESS Array B	55.99	348	P	P	19 33 12.8 -0.7
comp-Z,6.2nm,0.7s, baz=20,slow=3.9,SNR=3.7					
ARCES ARCESS Array B	55.99	348	LR	LR	19 39 59.7
AREO ARCESS Array S	55.99	348	P	P	19 33 16.2 -0.4
EROS Data Cent	56.02	61	eP	P	19 33 16.4 -0.8
comp-Z,1.3nm,0.8s					
ECSO EROS Data Cent	56.02	61	P	P	19 33 16.3 -0.8
comp-Z,1.3nm,0.8s					
MK31 Makanchi Array	56.10	304	eP	P	19 33 17.0 -0.7
baz=313,SNR=14					
MK31 Makanchi Array	56.10	304	eP	P	19 33 17.0 -0.7
comp-Z,44nm,0.6s, baz=53,slow=5.9,SNR=646					
MKAR Makanchi Array	56.10	304	P	P	19 33 17.5 -0.2
comp-Z,1.5nm,0.9s, baz=40,slow=11,SNR=4.0					
MKAR Makanchi Array	56.10	304	P	P	19 33 17.0 -0.6
comp-Z,332nm,0.6s					
MK01 Makanchi Array	56.11	304	eP	P	19 33 16.3 -1.4
Trinidad	56.21	72	P	P	19 33 19.4 +0.6
comp-Z,29nm,1.0s					
T25A Trinidad	56.21	72	P	P	19 33 19.3 +0.4
baz=314,SNR=15					
MAKZ Makanchi	56.24	304	eP	P	19 33 18.4 -0.3
comp-Z,64nm,0.8s					
MAKZ Makanchi	56.24	304	eP	P	19 33 18.4 -0.3
comp-Z,64nm,0.8s					
H35A Sunnyside Ranc	56.30	59	P	P	19 33 18.8 -0.4
baz=313,SNR=15					
GYA Guiyang	56.38	270	iP	P	19 33 20.6 +0.6
comp-Z,91nm,18.5s, baz=56,slow=37					
GYA Guiyang	56.38	270	pP	pP	19 33 50.0 +1.7
GYA Guiyang	56.38	270	sP	sP	19 34 04.3 +2.9
GYA Guiyang	56.38	270	PP	PP	19 35 29.6 +3.1
GYA Guiyang	56.38	270	ScP	ScP	19 38 02.8 -1.0
GYA Guiyang	56.38	270	S	S	19 40 59.0 -2.4
GYA Guiyang	56.38	270	sS	sS	19 41 50.2 +0.1
GYA Guiyang	56.38	270	pmx	pmx	
GYA Guiyang	56.38	270	pmx	pmx	
JMIC Jan Mayen	56.54	1	LR	LR	19 58 17.4
comp-Z,91nm,18.5s, baz=56,slow=37					
ANMO Albuquerque	56.54	75	P	P	19 33 22.0 +0.8
comp-Z,91nm,18.5s, baz=56,slow=37					
ANMO Albuquerque	56.54	75	eP	P	19 33 22.9 +1.7
comp-Z,7.0nm,1.5s					
ANMO Albuquerque	56.54	75	P	P	19 33 22.7 +1.5
baz=315					
E38A The Farm, Brul	56.67	55	eP	P	19 33 21.2 -0.6
comp-Z,82nm,0.9s					
E38A The Farm, Brul	56.67	55	P	P	19 33 21.1 -0.6
baz=314,SNR=24					
TRO Tromso	56.67	350	eP	P	19 33 21.4 +0.1
comp-Z,29nm,1.0s					
F37A Hinrichs Farm,	56.74	57	P	P	19 33 21.9 -0.2
baz=314,SNR=10					
KTK1 Kautokoinen	56.77	348	eP	P	19 33 21.8 -0.3
Belgrade	56.79	64	eP	P	19 33 22.6 0.0
comp-Z,150nm,0.9s					
BGNE Belgrade	56.79	64	P	P	19 33 22.5 -0.2
baz=314,SNR=12					
H36A Jessenland, He	56.86	59	P	P	19 33 22.8 -0.2
baz=314,SNR=17					
C40A Isle Royale Na	56.95	53	P	P	19 33 24.5 +0.9
baz=314					

F38A Pierce - Schro	56.95	56	P	P	19 33 23.3 -0.4
baz=314,SNR=74					
SPMN Marine on St.	56.99	57	eP	P	19 33 23.9 -0.1
comp-Z,35nm,0.8s					
SPMN Marine on St.	56.99	57	P	P	19 33 23.7 -0.2
baz=314,SNR=10					
BVAO Borovoye Array	57.27	316	iP	P	19 33 26.0 +0.2
comp-Z,45nm,0.6s					
BVAR Borovoye Array	57.27	316	LR	LR	19 59 18.7
baz=2516nm,21.8s, baz=42,slow=37					
BRVK Borovoye	57.29	316	eP	P	19 33 26.3 +0.4
comp-Z,77nm,0.6s					
BRVK Borovoye	57.29	316	P	P	19 33 26.5 +0.6
SNR=30					
BRVK Borovoye	57.29	316	P	P	19 33 26.5 +0.6
SNR=30					
BRVK Borovoye	57.29	316	iP	P	19 33 26.1 +0.2
BRVK Borovoye			pmx	pmx	
E39A Mellen	57.33	55	P	P	19 33 25.4 -1.0
baz=314,SNR=12					
H37A Dierke Farm, C	57.38	58	P	P	19 33 26.4 -0.3
baz=314,SNR=6.8					
F39A Loretta	57.47	56	P	P	19 33 26.8 -0.5
baz=314,SNR=27					
J36A Seneca 1, Swea	57.50	60	eP	P	19 33 27.1 -0.5
comp-Z,60nm,0.8s					
J36A Seneca 1, Swea	57.50	60	P	P	19 33 27.1 -0.5
baz=314,SNR=16					
G38A Ridgeland	57.51	57	P	P	19 33 26.9 -0.7
baz=314,SNR=22					
I37A Lemond, Waseca	57.52	59	eP	P	19 33 27.8 +0.1
comp-Z,101nm,0.9s					
I37A Lemond, Waseca	57.52	59	P	P	19 33 27.7 0.0
baz=314,SNR=15					
E40A Waketfield	57.61	55	P	P	19 33 28.5 +0.2
baz=314,SNR=27					
H38A Maiden Rock	57.64	58	P	P	19 33 28.4 -0.1
baz=314,SNR=20					
CBKS Cedar Bluff	57.71	67	eP	P	19 33 29.4 +0.2
comp-Z,119nm,1.4s					
CBKS Cedar Bluff	57.71	67	eP	P	19 33 29.4 +0.2
comp-Z,120nm,1.4s					
CBKS Cedar Bluff	57.71	67	P	P	19 33 28.6 -0.6
baz=314,SNR=6.7					
G39A Holcombe	57.78	56	P	P	19 33 29.1 -0.4
baz=314,SNR=22					
D41A Chassel	57.83	53	P	P	19 33 30.2 +0.4
comp-Z,76nm,0.8s					
D41A Chassel	57.83	53	P	P	19 33 29.3 -0.5
baz=315,SNR=6.2					
F40A Park Falls	57.87	55	P	P	19 33 29.0 -1.1
baz=314,SNR=12					
K36A Gilmore City	57.93	61	P	P	19 33 29.7 -0.9
baz=314					
J37A Redenius Farm,	57.93	59	P	P	19 33 30.1 -0.5
baz=314,SNR=21					
E41A Kenton	58.06	54	P	P	19 33 31.1 -0.3
baz=315,SNR=10					
H39A Augusta	58.15	57	P	P	19 33 31.8 -0.2
baz=314,SNR=8.6					
L36A Harm Buss Farm	58.19	61	P	P	19 33 31.7 -0.7
comp-Z,40nm,0.9s					
COWI Conover	58.23	54	eP	P	19 33 32.1 -0.6
comp-Z,40nm,0.9s					
K37A Belmont	58.26	60	P	P	19 33 32.2 -0.7
baz=314,SNR=14					
SVE Sverdlovsk	58.27	324	iP	P	19 33 34.2 +1.5
SVE Sverdlovsk			eS	eS	19 41 26.3 +1.1
SVE Sverdlovsk			pmx	pmx	
G40A Rib Lake	58.28	56	eP	P	19 33 32.6 -0.4
comp-Z,96nm,1.6s					
G40A Rib Lake	58.28	56	P	P	19 33 32.5 -0.5
baz=315,SNR=11					
J38A West Center R	58.49	59	P	P	19 33 34.4 -0.1
baz=315,SNR=19					
F41A Three Lakes	58.50	55	eP	P	19 33 34.3 -0.3
comp-Z,67nm,0.8s					
F41A Three Lakes	58.50	55	P	P	19 33 34.2 -0.3
baz=315,SNR=26					
E42A Champion	58.60	54	P	P	19 33 35.1 0.0
baz=315,SNR=11					

TUL1	Leonard	61.98	67	P	P	19 33 57.2	-1.1
T38A	Diamond	61.99	65	P	P	19 33 57.2	-1.2
S39A	Bolivar	62.05	64	eP	P	19 33 57.5	-1.3
S39A	Bolivar	62.05	64	P	P	19 33 57.5	-1.3
HDIL	Hopedale	62.12	59	eP	P	19 33 58.6	-0.6
HDIL	Hopedale	62.12	59	P	P	19 33 58.3	-0.9
JAY	Jayapura	62.13	219	P	P	19 34 00.4	+0.9
M44A	Midewin, Midew	62.16	58	eP	P	19 33 58.9	-0.5
M44A	Midewin, Midew	62.16	58	P	P	19 33 58.5	-0.9
BORG	Borgarnes	62.16	8	LR	LR	20 00 18.8	
ABTX	Abilene, Hawle	62.17	72	eP	P	19 33 60.0	+0.3
ABTX	Abilene, Hawle	62.17	72	eP	P	19 34 36.9	-1.8
ABTX	Abilene, Hawle	62.17	72	eP	P	19 34 41.5	0.0
ABTX	Abilene, Hawle	62.17	72	eP	P	19 33 59.6	-0.1
R40A	Maddies Statio	62.19	63	eP	P	19 33 58.0	-1.7
R40A	Maddies Statio	62.19	63	P	P	19 33 58.0	-1.7
TKM2	Tokmak	62.20	305	P	P	19 34 00.4	+0.5
TX31	Lajitas Ar. Si	62.20	77	eP	P	19 33 59.8	-0.3
TXAR	Lajitas Array	62.21	77	P	P	19 33 59.8	-0.3
BELO	Belletera	62.21	47	P	P	19 33 58.6	-1.2
VLDO	Val d'Or	62.22	46	eP	P	19 33 57.1	-2.6
Q41A	Truxton	62.26	62	P	P	19 33 59.2	-1.0
P42A	Winchester	62.27	60	eP	P	19 33 59.5	-0.7
P42A	Winchester	62.27	60	P	P	19 33 59.3	-1.0
NSS	Namsos	62.31	352	eP	P	19 33 59.6	-0.4
O43A	Sugar Creek Fa	62.31	59	P	P	19 33 59.7	-0.8
K46A	Dorr	62.35	55	P	P	19 33 59.7	-1.1
ULHL	Ulahol	62.37	304	P	P	19 34 02.2	+1.0
T39A	Clever	62.51	64	P	P	19 34 00.6	-1.2
TOBO	Tobermory, Bru	62.54	51	P	P	19 34 01.0	-0.9
N44A	Piper City	62.55	58	P	P	19 34 01.4	-0.7
CHMS	Chumysh	62.56	306	P	P	19 34 02.8	+0.7
M45A	Boilermakers S	62.56	57	P	P	19 33 59.7	-2.5
S40A	Lebanon	62.56	63	P	P	19 34 00.5	-1.7
L46A	Eue Claire	62.59	56	P	P	19 34 00.4	-1.9
R41A	Rosebud	62.66	62	P	P	19 34 01.5	-1.3
Q42A	Golden Eagle	62.67	61	P	P	19 34 02.0	-0.9
P43A	Skaggs, Pawnee	62.67	60	P	P	19 34 01.8	-1.0
KBK	Karagaybulak	62.71	305	P	P	19 34 04.1	+0.8
HHAR	Hobbs	62.74	65	eP	P	19 34 02.1	-1.2
FRU	Bishkek	62.75	306	eP	P	19 34 03.0	-0.4
FRU	Bishkek	62.75	306	eP	P	19 34 30.0	-0.4
FRU	Bishkek	62.75	306	eP	P	19 42 24.0	
N45A	Kentland	62.83	58	P	P	19 34 02.9	-1.0
O44A	Mansfield	62.84	59	P	P	19 34 02.0	-2.0
U39A	Green Forest	62.92	65	P	P	19 34 03.0	-1.6
AAK	Ala-Archa	62.95	305	P	P	19 34 05.7	+0.7
AAK	Ala-Archa	62.95	305	eP	P	19 34 05.7	+0.7
AAK	Ala-Archa	62.95	305	P	P	19 34 05.9	+0.9
AAK	Ala-Archa	62.95	305	P	P	19 34 05.9	+0.9
AAK	Ala-Archa	62.95	305	iP	P	19 34 05.6	+0.7
AAK	Ala-Archa	62.95	305	d/P	P	19 34 05.4	+0.5
AAK	Ala-Archa	62.95	305	eP	P	19 34 34.8	+1.0
S41A	Jilco Farms,	62.98	63	P	P	19 34 03.3	-1.7
R42A	Luebering	62.99	62	P	P	19 34 03.8	-1.2
KZA	Kyzart	62.99	305	P	P	19 34 06.4	+1.0
M46A	Old House Fiel	63.01	57	eP	P	19 34 04.6	-0.5
M46A	Old House Fiel	63.01	57	P	P	19 34 03.9	-1.2
KLBO	Killbear Provi	63.05	50	P	P	19 34 05.0	-0.3
Q43A	New Douglas	63.09	61	P	P	19 34 04.5	-1.2
BMRO	Merville Lake	63.15	51	P	P	19 34 05.2	-0.8
O45A	Potomac	63.16	58	P	P	19 34 05.4	-1.2
L47A	Sherwood	63.17	55	P	P	19 34 04.9	-1.2
V39A	Pettigrew	63.22	65	P	P	19 34 05.2	-1.4
HNR	Honiar	63.25	197	P	P	19 34 05.7	-1.1
P44A	Sand Creek, Wi	63.27	59	P	P	19 34 05.7	-1.1
U40A	Yellville	63.28	65	P	P	19 34 05.2	-1.8
EKS2	Erkin-Say	63.29	306	P	P	19 34 07.9	+0.8
LSA	Lhasa	63.33	285	iP	P	19 34 09.5	+1.5
S42A	Caledonia	63.36	62	P	P	19 34 06.2	-1.3
BUKO	Buck Lake	63.37	49	P	P	19 34 06.6	-0.8
T41A	Mountain View	63.37	63	P	P	19 34 06.0	-1.6
BASO	Ashfield	63.38	52	P	P	19 34 06.7	-0.7
SFIN	Lafayette	63.39	58	eP	P	19 34 06.9	-0.7
SFIN	Lafayette	63.39	58	P	P	19 34 06.7	-0.9
SFIN	French Village	63.40	62	eP	P	19 34 07.7	0.0
FVM	French Village	63.40	62	eP	P	19 34 07.7	0.0
FVM	French Village	63.40	62	eP	P	19 34 07.7	0.0
R43A	Red Bud	63.45	61	P	P	19 34 06.8	-1.3
Q44A	Meyer Farm, Va	63.48	60	P	P	19 34 07.2	-1.0
FINES	FINESS Array B	63.48	344	P	P	19 34 07.5	-0.4
FINES	FINESS Array B	63.48	344	P	P	20 05 24.2	
FINES	FINESS Array B	63.48	344	P	P	19 34 08.4	-0.2
WBLO	Walkerton	63.55	51	P	P	19 34 07.9	-0.9
L48A	N Adams	63.58	55	P	P	19 34 07.9	-0.9
W39A	Magazine	63.62	66	eP	P	19 34 08.7	-0.5
W39A	Magazine	63.62	66	P	P	19 34 08.6	-0.5
JCT	Junction City	63.64	74	eP	P	19 34 10.7	+1.2

JCT	Junction City	63.64	74	eP	P	19 34 10.7	+1.2
JCT	Junction City	63.64	74	eP	P	19 34 10.7	+1.2
P45A	Graceland, Par	63.68	59	eP	P	19 34 08.9	-0.6
P45A	Graceland, Par	63.68	59	P	P	19 34 08.7	-0.9
AAM	Ann Arbor	63.69	54	eP	P	19 34 09.5	-0.1
AAM	Ann Arbor	63.69	54	eP	P	19 34 09.5	-0.1
CLWO	Collingwood	63.70	51	P	P	19 34 08.5	-1.1
V40A	Witts Springs	63.70	65	eP	P	19 34 08.4	-1.3
V40A	Witts Springs	63.70	65	P	P	19 34 08.5	-1.3
AML	Almayashu	63.73	306	P	P	19 34 11.4	+1.1
N47A	Urbana	63.73	57	P	P	19 34 07.9	-2.0
T42A	Van Buren	63.74	63	eP	P	19 34 07.1	-2.9
T42A	Van Buren	63.74	63	P	P	19 34 08.2	-1.8
M48A	Ederton	63.77	55	P	P	19 34 08.2	-1.9
L49A	Milan	63.78	54	P	P	19 34 08.7	-1.5
U41A	Vio	63.80	64	P	P	19 34 08.9	-1.5
WHTX	Lake Whitney,	63.89	71	eP	P	19 34 12.5	+1.4
WHTX	Lake Whitney,	63.89	71	P	P	19 34 09.8	-1.2
P46A	Rosedale	63.89	58	P	P	19 34 10.0	-0.9
S43A	Fulton Ridge,	63.89	62	P	P	19 34 09.6	-1.4
R44A	Waltonville	63.92	61	P	P	19 34 09.8	-1.4
Q45A	Warren Harvey,	63.93	60	P	P	19 34 10.0	-1.2
X39A	Fouain Ranch	63.94	67	P	P	19 34 10.6	-0.7
O47A	Sheridan	63.97	57	P	P	19 34 09.6	-1.8
SADO	Sadowa	63.99	50	P	P	19 34 10.1	-1.4
SADO	Sadowa	63.99	50	P	P	19 34 10.1	-1.4
W40A	Ferguson Farm,	64.01	66	eP	P	19 34 11.3	-0.4
W40A	Ferguson Farm,	64.01	66	P	P	19 34 11.2	-0.6
MNAS	Manas	64.04	307	P	P	19 34 12.4	+0.3
MNAS	Manas	64.04	307	P	P	19 34 12.4	+0.3
V41A	Mountainview	64.08	65	P	P	19 34 10.6	-1.7
OLIL	Olney	64.08	60	eP	P	19 34 11.8	-0.4
N48A	Decatur	64.08	56	P	P	19 34 10.6	-1.6
T43A	Greenville	64.14	62	P	P	19 34 10.8	-1.8
M49A	Liberty Center	64.15	55	P	P	19 34 10.7	-1.9
ELFO	Elginfield	64.16	52	P	P	19 34 12.9	+0.2
U42A	Reviden	64.17	63	P	P	19 34 11.0	-1.7
PEMO	Pembroke	64.17	48	P	P	19 34 10.2	-2.4
MIAR	Mount Ida	64.21	66	eP	P	19 34 12.6	-0.5
MIAR	Mount Ida	64.21	66	eP	P	19 34 12.6	-0.5
MIAR	Mount Ida	64.21	66	P	P	19 34 11.4	-1.7
AKTO	Aktyubinsk	64.24	321	P	P	19 34 13.8	+0.8
AKTO	Aktyubinsk	64.24	321	P	P	20 04 30.0	
S44A	Carbondale	64.24	61	P	P	19 34 11.4	-1.8
SIUC	Southern Illin	64.25	61	eP	P	19 34 12.5	-0.8
PUL	Pulkovo	64.27	341	eP	P	19 34 13.9	+0.9
PUL	Pulkovo	64.27	341	eP	P	19 34 13.9	+0.9
PBMO	Poplar Bluff	64.29	63	eP	P	19 34 11.8	-1.8
R45A	Skylar, Fairri	64.31	60	P	P	19 34 11.9	-1.8
BANO	Bancroft	64.36	49	P	P	19 34 13.2	-0.8
WHAR	Woolly Hollow	64.37	65	eP	P	19 34 13.2	-1.0
AB31	Akbulak array	64.42	319	iP	P	19 34 14.5	+0.3
AB31	Akbulak array	64.42	319	iP	P	19 34 14.5	+0.3
ABKAR	Akbulak array	64.42	319	eP	P	19 34 15.1	+0.8
ACTO	Acton	64.44	51	P	P	19 34 14.6	+0.1
N49A	Columbus Grove	64.46	56	P	P	19 34 12.9	-1.7
O48A	Farmland	64.47	57	P	P	19 34 13.0	-1.7
P47A	Martinsville	64.47	58	P	P	19 34 13.5	-1.2
W41B	Gary Mavity, V	64.48	65	eP	P	19 34 13.6	-1.2
W41B	Gary Mavity, V	64.48	65	P	P	19 34 13.1	-1.7
V42A	Shelbyville	64.48	64	P	P	19 34 13.1	-1.7
KSH	Kashi	64.53	302	P	P	19 34 19.4	+4.2
KSH	Kashi	64.53	302	P	P	19 34 49.5	+1.1
KSH	Kashi	64.53	302	P	P	19 35 01.3	+4.2
KSH	Kashi	64.53	302	P	P	19 36 39.9	+1.8
KSH	Kashi	64.53	302	P	P	19 42 46.4	+1.4
KSH	Kashi	64.53	302	P	P	19 43 42.3	+7.5
KSH	Kashi	64.53	302	P	P	19 47 04.8	+8.2
KSH	Kashi	64.53	302	P	P	19 34 19.4	+4.2
KSH	Kashi	64.53	302	P	P	19 34 49.5	+1.1
KSH	Kashi	64.53	302	P	P	19 35 01.3	+4.2
KSH	Kashi	64.53	302	P	P	19 36 39.9	+1.8
KSH	Kashi	64.53	302	P	P	19 42 46.4	+1.4
KSH	Kashi	64.53	302	P	P	19 43 42.3	+7.5
KSH	Kashi	64.53	302	P	P	19 47 04.8	+8.2
KSH	Kashi	64.53	302	P	P	19 34 19.4	+4.2
KSH	Kashi	64.53	302	P	P	19 34 49.5	+1.1
KSH	Kashi	64.53	302	P	P	19 35 01.3	+4.2
KSH	Kashi	64.53	302	P	P	19 36 39.9	+1.8
KSH	Kashi	64.53	302	P	P	19 42 46.4	+1.4
KSH	Kashi	64.53	302	P	P	19 43 42.3	+7.5
KSH	Kashi	64.53	302	P	P	19 47 04.8	+8.2
KSH	Kashi	64.53	302	P	P	19 34 19.4	+4.2
KSH	Kashi	64.53	302	P	P	19 34 49.5	+1.1
KSH	Kashi	64.53	302	P	P	19 35 01.3	+4.2
KSH							

M54A	Oil Creek Stat	66.24	52	P	P	19 34 24.8	-1.3
O52A	Adamsville	66.24	55	P	P	19 34 25.1	-1.0
PHRA	Phrae	66.25	270	P	P	19 34 27.2	+0.8
S49A	Springfield	66.26	59	P	P	19 34 25.2	-1.1
V46A	Holladay	66.26	62	P	P	19 34 25.4	-0.9
MOS	Moscow	66.28	335	eP	P	19 34 24.8	-1.3
MOS	Moscow						
Q51A	Peabbles	66.31	56	P	P	19 34 25.8	-0.8
HKT	Hockley	66.33	71	eP	P	19 34 27.7	+1.0
HKT	Hockley	66.33	71	eP	P	19 34 27.7	+1.0
KHON	Khomkaen	66.34	266	P	P	19 34 27.7	+0.7
R50A	Paris	66.38	58	P	P	19 34 25.9	-1.1
FRNY	Flat Rock	66.45	46	eP	P	19 34 25.4	-2.0
HFS	Hagfors	66.46	350	P	P	19 34 26.7	-0.4
HFS	Hagfors					20 03 03.3	
P52A	Corning	66.46	55	P	P	19 34 26.2	-1.3
N54A	Moraine State	66.50	53	eP	P	19 34 27.2	-0.6
N54A	Moraine State	66.50	53	P	P	19 34 26.7	-1.0
Y44A	Stride, Charl	66.50	65	P	P	19 34 26.0	-1.8
OXF	Oxford	66.53	64	eP	P	19 34 27.3	-0.7
OXF	Oxford	66.53	64	eP	P	19 34 27.3	-0.7
OXF	Oxford	66.53	64	P	P	19 34 26.2	-1.8
V47A	Nunneley	66.56	61	P	P	19 34 26.3	-1.9
U48A	Cassie Pea, Po	66.56	60	P	P	19 34 27.3	-1.0
LAMP	Lampang	66.60	270	P	P	19 34 29.8	+1.1
X45A	UM Field Stati	66.60	64	P	P	19 34 26.5	-2.0
T49A	Edmonton	66.64	59	eP	P	19 34 28.3	-0.4
T49A	Edmonton	66.64	59	P	P	19 34 27.9	-0.8
MOQ	Mont Orford	66.65	45	eP	P	19 34 27.8	-1.0
R51A	Hillsboro	66.65	57	P	P	19 34 28.8	-0.5
CMMT	Chiang Mai	66.79	271	P	P	19 34 30.2	+0.3
CHTO	Chiang Mai	66.79	271	eP	P	19 34 30.4	+0.5
CHTO	Chiang Mai	66.79	271	P	P	19 34 30.2	+0.3
CHTO	Chiang Mai	66.79	271	P	P	19 34 30.2	+0.3
CHTO	Chiang Mai	66.79	271	eP	P	19 34 30.4	+0.5
CHTO	Chiang Mai	66.79	271	eP	P	19 34 30.4	+0.5
CHTO	Chiang Mai	66.79	271	P	P	19 34 30.3	+0.5
S50A	Richmond	66.80	58	P	P	19 34 27.8	-1.9
ASK	Askoy	66.81	354	eP	P	19 34 29.8	+0.4
341A	Kurthwood	66.82	68	eP	P	19 34 31.6	+1.7
NCB	Newcomb	66.85	47	eP	P	19 34 28.7	-1.3
Z44A	Pea Ridge, Bel	66.89	65	P	P	19 34 28.6	-1.7
LAL	Pickwick Lake	66.90	62	eP	P	19 34 29.4	-1.0
BER	Bergen	66.90	354	eP	P	19 34 30.3	+0.4
Q52A	Bidwell	66.91	56	P	P	19 34 28.2	-2.1
Y45A	Yeager Farm, C	66.94	64	P	P	19 34 29.8	-0.8
OSL	Oslo	66.94	351	eP	P	19 34 30.7	+0.5
P53A	Whipple	66.94	55	P	P	19 34 29.8	-0.8
X46A	Booneville	66.94	63	P	P	19 34 28.8	-1.8
W47A	Westpoint	66.95	62	P	P	19 34 28.7	-2.0
U49A	Red Boiling Sp	66.96	60	P	P	19 34 28.4	-2.4
V48A	Smith Brothers	67.00	61	eP	P	19 34 30.4	-0.6
V48A	Smith Brothers	67.00	61	P	P	19 34 30.1	-0.9
CM31	Chiang Mai Arr	67.07	271	eP	P	19 34 32.4	+0.8
CM31	Chiang Mai Arr	67.07	271	P	P	19 34 32.7	+1.1
CM31	Chiang Mai Arr	67.07	271	P	P	19 34 32.7	+1.1
CMAR	Chiang Mai Arr	67.07	271	P	P	19 34 32.5	+0.8
T50A	Nancy	67.07	59	P	P	19 34 30.6	-0.8
CM01	Chiang Mai Arr	67.08	271	eP	P	19 34 31.7	0.0
OBN	Obninsk	67.11	336	eP	P	19 34 31.1	-0.3
OBN	Obninsk	67.11	336	eP	P	19 34 31.0	-0.3
OBN	Obninsk					19 34 59.6	
OBN	Obninsk					19 37 01.3	
OBN	Obninsk					19 43 17.5	+2.0
OBN	Obninsk					19 47 35.3	-0.2
OBN	Obninsk						
OBN	Obninsk						
CHAI	Chaiyaphum	67.18	266	P	P	19 34 32.8	+0.5
R52A	Catlettsburg	67.19	56	P	P	19 34 30.2	-2.0
VT1	Waterbury	67.21	46	eP	P	19 34 31.1	-1.2
Z45A	Winona	67.23	65	eP	P	19 34 32.4	-0.1
Z45A	Winona	67.23	65	P	P	19 34 30.7	-1.7
S51A	Beattville	67.24	58	eP	P	19 34 31.8	-0.8
S51A	Beattville	67.24	58	P	P	19 34 31.3	-1.2
ODD1	Oddis	67.29	354	eP	P	19 34 33.0	+0.5
Y46A	Houston	67.30	64	P	P	19 34 32.5	-0.4
KONO	Kongsberg	67.33	352	eP	P	19 34 33.1	+0.5
KONO	Kongsberg	67.33	352	eP	P	19 34 33.1	+0.5
KONO	Kongsberg	67.33	352	eP	P	19 34 33.0	+0.3
PQI	Presque Isle	67.33	42	eP	P	19 34 31.5	-1.4
X47A	Russelville	67.37	63	P	P	19 34 32.0	-1.3
W48A	Pulaski	67.39	62	P	P	19 34 32.6	-0.9
SUKH	Sukhothai	67.39	269	P	P	19 34 34.4	+0.7
BINY	Binghamton	67.44	49	eP	P	19 34 33.0	-0.7
BINY	Binghamton	67.44	49	P	P	19 34 32.3	-1.3
V49A	McMinville	67.46	60	P	P	19 34 32.8	-1.1
S52A	Salversville	67.48	57	P	P	19 34 33.4	-0.6
U50A	Jamestown	67.53	59	P	P	19 34 33.8	-0.6
ACCN	Adirondack Com	67.56	47	eP	P	19 34 33.3	-1.1
MCWV	Mont Chateau	67.57	54	eP	P	19 34 34.2	-0.3

MCWV	Mont Chateau	67.57	54	P	P	19 34 33.7	-0.9
T51A	Gray	67.58	58	P	P	19 34 33.7	-0.9
BATG	Bathurst New B	67.62	40	eP	P	19 34 34.2	-0.5
LBNH	Lisbon	67.65	46	P	P	19 34 33.7	-1.3
ODAN	Odare	67.65	285	eP	P	19 34 36.1	+0.6
244A	Avery, Jackson	67.68	66	P	P	19 34 35.0	-0.4
O56A	Blue Knob Stat	67.72	52	eP	P	19 34 34.8	-0.8
O56A	Blue Knob Stat	67.72	52	P	P	19 34 34.2	-1.3
GUN	Gumba	67.74	287	eP	P	19 34 37.0	+0.8
JIRN	Jiri	67.75	287	eP	P	19 34 37.2	+0.9
SSPA	Standing Stone	67.76	52	P	P	19 34 35.2	-0.5
SSPA	Standing Stone	67.76	52	P	P	19 34 35.0	-0.7
W49A	Belvidere	67.76	61	P	P	19 34 34.8	-1.0
BL55	Blasio	67.79	354	eP	P	19 34 36.0	+0.4
Y47A	UCPARC, Winfie	67.83	63	P	P	19 34 35.0	-1.2
X48A	Hartselle	67.85	62	eP	P	19 34 35.1	-1.3
X48A	Hartselle	67.85	62	P	P	19 34 35.1	-1.3
SWET	Sewanee	67.87	61	eP	P	19 34 35.5	-1.0
HNH	Hanover	67.92	46	eP	P	19 34 36.2	-0.4
PKME	Peaks-Kenny Pk	67.95	43	eP	P	19 34 36.2	-0.6
PKME	Peaks-Kenny Pk	67.95	43	P	P	19 34 35.5	-1.3
V50A	Pikeville	67.96	60	P	P	19 34 36.0	-1.1
TS2A	Halle	67.96	57	P	P	19 34 36.4	-0.6
U51A	La Follette	67.99	59	P	P	19 34 36.6	-0.6
KSPA	Keystone Colle	68.04	50	eP	P	19 34 36.7	-0.7
RAMN	Ramite	68.05	286	eP	P	19 34 38.8	+0.8
TRY	Troy	68.08	48	eP	P	19 34 36.6	-1.1
KMY	Karmoy	68.08	354	eP	P	19 34 37.7	+0.3
344A	Westbrook Farm	68.10	67	eP	P	19 34 38.4	+0.5
344A	Westbrook Farm	68.10	67	P	P	19 34 37.6	-0.6
TZTN	Tazewell	68.10	58	eP	P	19 34 37.6	-0.3
TZTN	Tazewell	68.10	58	P	P	19 34 37.2	-0.7
146A	Union	68.13	65	eP	P	19 34 38.3	+0.1
146A	Union	68.13	65	P	P	19 34 38.1	0.0
KKK	Kakani	68.18	287	eP	P	19 34 39.5	+0.7
X49A	Woodville	68.19	62	P	P	19 34 37.5	-1.0
Y48A	Jasper	68.19	63	P	P	19 34 36.4	-2.1
W50A	Signal Mountai	68.21	60	eP	P	19 34 37.9	-0.7
W50A	Signal Mountai	68.21	60	P	P	19 34 37.9	-0.7
Z47A	Carrollton	68.25	64	P	P	19 34 37.7	-1.2
V51A	Loudon	68.25	59	eP	P	19 34 37.4	-1.5
V51A	Loudon	68.25	59	P	P	19 34 37.7	-1.1
PKIN	Phulchoki	68.28	287	eP	P	19 34 39.9	+0.4
U52A	The Hill	68.31	58	P	P	19 34 38.9	-0.4
WVL	Waterville	68.36	44	eP	P	19 34 38.9	-0.5
FFD	Franklin Falls	68.38	46	eP	P	19 34 38.6	-0.9
Z48A	Northport	68.39	63	P	P	19 34 38.5	-1.3
GKN	Gorkha	68.39	288	eP	P	19 34 40.5	+0.4
DMN	Daman	68.42	287	eP	P	19 34 41.0	+0.7
CPCT	Cooper Cave	68.43	60	eP	P	19 34 39.1	-0.9
W51A	Cleveland	68.53	60	P	P	19 34 39.5	-1.1
147A	Livingston	68.54	64	eP	P	19 34 40.0	-0.7
147A	Livingston	68.54	64	P	P	19 34 39.9	-0.8
N59A	State Game Lan	68.54	50	eP	P	19 34 39.9	-0.8
N59A	State Game Lan	68.54	50	P	P	19 34 39.4	-1.3
X50B	Fort Payne	68.59	61	P	P	19 34 39.9	-1.2
345A	Thompson Farm,	68.60	66	P	P	19 34 40.7	-0.4
SRK	Srakaw	68.61	265	P	P	19 34 39.9	-1.4
V52A	Sevierville	68.62	59	eP	P	19 34 40.6	-0.5
V52A	Sevierville	68.62	59	P	P	19 34 40.2	-0.9
PAGS	Pennsylvania G	68.64	51	eP	P	19 34 40.4	-0.8
DANN	Dangang	68.64	289	eP	P	19 34 42.3	+0.6
Y49A	Blount Mountai	68.64	62	eP	P	19 34 40.1	-1.2
Y49A	Blount Mountai	68.64	62	P	P	19 34 40.0	-1.3
TKL	Tuckaleechee C	68.66	59	P	P	19 34 40.5	-0.9
TKL	Tuckaleechee C	68.66	59	eP	P	19 34 40.8	-0.6
TKL	Tuckaleechee C	68.66	59	eP	P	19 34 40.8	-0.6
LPSP	Galich ya Gora	68.74	333	eP	P	19 34 41.7	+0.1
LPSP	Galich ya Gora						
U53A	Fall Branch	68.78	58	P	P	19 34 42.1	+0.4
HOMB	Homborsund	68.78	352	eP	P	19 34 42.1	+0.4
NAYO	Nakonayok	68.81	266	P	P	19 34 43.4	+0.9
IZAR	Zarasai	68.81	342	eP	P	19 34 42.7	+0.7
IZAR	Zarasai					19 34 44.2	
SNART	Snatrem	68.81	353	eP	P	19 34 42.4	+0.5
247A	Guitman	68.82	65	P	P	19 34 42.3	-0.1
UMPA	Umpang Tak	68.84	269	P	P	19 34 44.6	+1.8
X51A	Calhoun	68.93	60	eP	P	19 34 42.4	-0.7
X51A	Calhoun	68.93	60	P	P	19 34 42.0	-1.1
148A	Greensboro	68.94	64	P	P	19 34 42.5	-0.7
LRAL	Lakeview Retre	68.96	63	eP	P	19 34 42.1	-1.2
LRAL	Lakeview Retre	68.96	63	P	P	19 34 41.0	-2.2
Y50A	Piedmont	68.98	62	P	P	19 34 41.5	-1.9
UTHA	Uthaitani	68.99	268	P	P	19 34 44.6	+1.0
LWUI	Luwuk	68.99	238				

9d 19h

Table with columns for call sign, name, frequency, and other details. Includes entries like HODGE Hodges, GOGA Godfrey, GOGA Godfrey, etc.

2012 SEP

Table with columns for call sign, name, frequency, and other details. Includes entries like CLL Collm, KSP Ksiaz, KQP Ksiaz, etc.

624

Table with columns for call sign, name, frequency, and other details. Includes entries like GRFO Grafenberg, SIM Simferopol, SIM Sim, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Rows include stations like QUIF, OBKA, MYKA, ABTA, SGRR, HERR, DAVOX, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Rows include stations like UOSS, POLO, HATD, HATD, HATD, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Rows include stations like IGO, IGO, IGO, etc.

ATH 09 19:29:11.7, 39.71N:20.55E, h25km, 1km, ML2.9/9, Error ellipse: s-maj=1.7km s-min=0.9km az=330.0, ISCJB 09 19:30:12.6, 39.70N:20.52E, h20km, 4km, Error ellipse: s-maj=4.0km s-min=3.3km az=161.0

ICD 09 19:30:19.9, 0.7, 40.03N:24.70E, h0km, mb3.8/9, mb1.4/0.19, mb1mx3.8/56, mbtmp3.9/19, ML3.6/10, MS4.0/23, Ms1.4/1.2, ms1mx3.9/50, Error ellipse: s-maj=13.7km s-min=10.7km az=143.0, ISCJB 09 19:30:20.4, 0.1, 40.04N:0.01:24.68E:0.01, h10km

Table with columns: WRA, WARRAMUNGA ARR, 31.24 166 P, P, 20 03 52.7 -1.6, etc.

Table with columns: KSRS, 0.1nm,0.3s,baz=84,slow=14,SNR=7.2, LR, LR, 20 28 16.4, etc.

Table with columns: SNA4, Sanae, 19.69 170 P, P, 21 05 20.3 +0.5, etc.

IDC 09 20:07:35.6:2.0, 2.38N, 96.06E, h0km, mb3.4/4, mb1 3.4/5, mb1mx3.2/37, mbtmp3.3/5, ML2.8/1, Error ellipse: s-maj=66.1km s-min=22.3km az=51.0

IDC 09 20:07:36.0:1.2, 2.2N, 3.9E, h14km, mb3km, M3.3/4, MLV3.3/4

ISCBJ 09 20:07:37.1:1.0, 2.35N, 0.07:96.02E:0.07, h25km, mb3.3/4, Error ellipse: s-maj=10.9km s-min=10.1km bz=144

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

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

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

IDC 09 20:13:24.4:10.0, 20.36S, 167.66E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/36, mbtmp3.6/4, ML3.0/1, Error ellipse: s-maj=181.3km s-min=30.1km az=94.0, Loyalty Islands

ISCBJ 09 20:58:08.2:0.4, 1.87S, 0.05:128.10E:0.03, h33km, mb4.1/5, Error ellipse: s-maj=6.5km s-min=4.2km az=178.7

ISCBJ 09 20:58:09.1:0.7, 1.97S, 0.05:128.14E:0.05, h33km, n21, i132/27, mb4.0/5, Halmahera

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

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

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

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

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

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

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like BBSI, MMRI, EDFI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CN2, USR2, GTA, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like DHRM, SFK, SFI, etc.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes entries like MAKZ Makanchi, AKTO Aktyubinsk, and many others.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes entries like AKTO Aktyubinsk, GOA Goa, and many others.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes entries like SIM, BR101, and many others.

9d 21h

TTG	Podgorica	45.30 296	eP	P	21 28 51.2 +0.2
TTG	Podgorica	45.30 296	eP	P	21 28 51.2 +0.2
TTG	comp=Z,10.0nm,0.9s			Pmax	
TRO	Tromso	45.49 335	eP	P	21 28 52.8 +0.7
BRV	Bratogost	45.70 297	eP	P	21 28 54.5 +0.1
VRAC	Vranov	45.80 306	eP	P	21 28 55.6 +0.8
VRAC	Vranov	45.80 306	eP	P	21 28 56.1 +1.0
DPC	Dobruska-Polom	45.82 308	eP	P	21 29 03.1 +3.7
DPC	Dobruska-Polom	45.82 308	eP	P	21 28 56.1 +1.0
DPC	Dobruska-Polom	45.82 308	eP	P	21 29 03.1
DPC	comp=Z,200nm,12.2s			AMS	
DPC	comp=Z,200nm,12.2s			AMS	
DPC	comp=Z,200nm,12.2s			AMS	
KRUC	Moravsky	45.96 306	eP	P	21 28 56.8 +0.7
SOP	Sopron	46.09 304	eP	P	21 28 57.1 0.0
SOP	Sopron	46.09 304	eP	P	21 28 58.3 +1.2
SOP	Sopron	46.24 304	eP	P	21 28 59.2 +0.8
BLY	Banja Luka	46.24 300	iP	P	21 28 58.5 +0.1
STON	Ston	46.31 297	iP	P	21 28 58.8 +0.1
STON	Ston	46.31 297	iP	P	21 29 01.2 +0.7
CONA	Conrad Observa	46.50 304	eP	P	21 29 01.2 +0.7
CONA	comp=Z,1.6nm,1.2s,SNR=9.2			AMS	
ARSA	Arzberg	46.85 304	eP	P	21 29 03.5 +0.2
GOPC	GOP Gecny, Ondr	46.86 307	AMS	AMS	21 50 40.0
GOPC	comp=Z,200nm,15.4s			AMS	21 50 50.0
PVCC	Panska Ves	46.90 308	AMS	AMS	21 50 50.0
PVCC	comp=Z,300nm,13.7s			AMS	
MAJO	Matsushiro	47.00 72	eP	P	21 29 04.9 +0.4
MAJO	Matsushiro	47.00 72	eP	P	21 29 04.9 +0.4
MAJO	Matsushiro Arr	47.00 72	eP	P	21 29 04.9 +0.4
MAJO	comp=Z,1.3nm,0.6s,baz=287,slo=8.8,SNR=5.9			LR	21 49 20.4
MJAR	Pruhonice	47.01 307	eP	P	21 29 05.2 +0.9
PRU	Pruhonice	47.01 307	eP	P	21 29 05.2 +0.9
PRU	comp=Z,200nm,13.8s			AMS	
PRU	Pruhonice	47.01 307	eP	P	21 29 05.2 +0.9
PRU	Pruhonice	47.01 307	eP	P	21 29 05.2 +0.9
KONS	Konvik	47.13 304	eP	P	21 29 06.1 +1.0
LOF	Lofoten	47.14 332	eP	P	21 29 06.1 +1.0
CRES	Cresnjevi	47.19 302	iP	P	21 29 06.1 +0.2
BRG	Berggiesshubel	47.24 309	eP	P	21 29 07.0 +0.8
BRG	comp=Z,8.3nm,1.2s			e	21 29 18.4
BRG	Berggiesshubel	47.24 309	eP	P	21 29 06.9 +0.8
BRG	Berggiesshubel	47.24 309	eP	P	21 29 18.4
BRG	comp=Z,8.0nm,1.2s			Pmax	
PERS	Pernice	47.25 303	iP	P	21 29 06.7 +0.3
UDBI	Udbina	47.28 300	iP	P	21 29 06.5 -0.1
SOKA	Sotho	47.30 303	eP	P	21 29 07.6 +0.8
YSS	Yuzh-Sakhalins	47.49 57	eP	P	21 29 03.9 -4.2
YSS	comp=Z,200nm,14.0s			MLR	
YSS	comp=N,100nm,15.0s			MLR	
YSS	comp=E,100nm,16.0s			MLR	
MOA	Molin	47.57 305	eP	P	21 29 09.0 +0.1
MOA	comp=E,7.2nm,1.0s			P	
NC405	NORSAR Array S	47.58 323	eP	P	21 29 09.2 +0.6
MATE	Matera	47.61 295	iP	P	21 29 08.1 -1.1
OBKA	Obir	47.66 303	eP	P	21 29 10.2 +0.6
OBKA	comp=E,9.6nm,0.9s,SNR=5.9			P	
NC303	NORSAR Array S	47.75 323	eP	P	21 29 10.8 +0.9
GECC	GERES Array S	47.75 306	eP	P	21 29 11.2 +0.9
GECC	comp=E,6.7nm,0.9s			P	
GERES	GERES Array B	47.75 306	eP	P	21 29 10.8 +0.6
GERES	comp=E,3.1nm,0.7s,baz=69,slo=37,SNR=30			LR	21 51 28.3
GERES	comp=E,64nm,18.7s,baz=77,slo=39			LR	21 51 28.3
GEAO	GERES Array S	47.75 306	eP	P	21 29 10.5 +0.2
CLL	Collin	47.76 309	iP	P	21 29 10.0 -0.2
CLL	comp=Z,4.0nm,0.8s			L	21 51 00.0
CLL	comp=Z,300nm,18.2s			L	21 51 00.0
CLL	Collin	47.76 309	iP	P	21 29 10.0 -0.2
CLL	comp=Z,4.0nm,0.8s			Pmax	
KHC	Kasperske Hory	47.77 306	eP	P	21 29 11.1 +0.7
KHC	Kasperske Hory	47.77 306	eP	P	21 29 11.0 +0.6
KHC	Kasperske Hory	50.62 35	eP	P	21 29 18.3 +3.5
KHC	Kasperske Hory	47.77 306	eP	P	21 29 11.0 +0.6
KHC	Kasperske Hory	47.77 306	eP	P	21 29 18.3
KHC	comp=Z,200nm,11.7s			AMS	
KHC	Kasperske Hory	47.77 306	eP	P	21 29 18.3
KHC	Kasperske Hory	47.77 306	eP	P	21 29 18.3
KHC	comp=Z,200nm,11.7s			MLR	
LJU	Ljubljana	47.78 302	iP	P	21 29 10.9 +0.5
NB2	NORSAR Subarra	47.83 323	eP	P	21 29 10.4 -0.2
NB2	comp=Z,3.6nm,0.6s,baz=88,slo=7.9			P	21 29 10.4 -0.2
NB2	comp=Z,3.6nm,0.6s,baz=88,slo=7.9			P	21 29 10.4 -0.2
NB200	NORSAR Array S	47.83 323	eP	P	21 29 10.7 0.0
NOA	NORSAR Array B	47.83 323	eP	P	21 29 10.7 0.0
NOA	comp=Z,1.1nm,0.9s,baz=90,slo=7.6,SNR=5.6			LR	21 50 17.0
NOA	comp=Z,2.25nm,18.4s,baz=85,slo=37			LR	21 50 17.0
NVLJ	Novolja	47.89 300	iP	P	21 29 10.4 -0.8
CEY	Cerknica	47.92 302	eP	P	21 29 11.7 +0.2
CEY	Cerknica	47.92 302	iP	P	21 29 12.0 +0.5
TIP	Timpagrande	48.01 293	iP	P	21 29 11.7 -0.7
TIP	Timpagrande	48.01 293	eP	P	21 29 11.9 -0.5
NC204	NORSAR Array S	48.04 323	eP	P	21 29 12.9 +0.6
NC204	NORSAR Array S	48.04 323	eP	P	21 29 12.1 -0.1
NKC	Novy Kostel	48.20 308	AMS	AMS	21 51 40.0
NKC	comp=Z,4.0nm,15.1s			AMS	
KBA	Koelnbreinsper	48.34 304	eP	P	21 29 14.6 -0.4
TRI	Trieste	48.38 302	eP	P	21 29 15.0 0.0
TRI	comp=Z,22nm,0.9s			eP	21 29 15.0 0.0
TRI	Trieste	48.38 302	eP	P	21 29 15.0 0.0
CUC	Castrocuoco	48.46 294	eP	P	21 29 15.7 -0.1
KONO	Kongsberg	48.70 321	eP	P	21 29 17.7 +0.4
DOMB	Dombas	48.82 324	eP	P	21 29 18.4 +0.2
ABTA	Abfaltersbach	48.98 303	eP	P	21 29 19.1 -0.6
WTTA	Wattenberg	49.44 304	eP	P	21 29 23.4 +0.1
WTTA	comp=Z,4.8nm,1.8s			eP	21 29 23.4 +0.1
WATA	Walderalm	49.46 304	eP	P	21 29 25.5 +2.0
MOL	Molde	49.49 325	eP	P	21 29 24.2 +0.9
MOTA	Mossalm	49.73 305	eP	P	21 29 25.4 -0.5
MOTA	comp=Z,5.2nm,0.9s,SNR=6.3			P	
AKN	Aaknes	49.78 324	eP	P	21 29 26.6 +1.1
RETA	Reutte	49.96 305	eP	P	21 29 27.6 +0.4
SNART	Starten	50.07 319	eP	P	21 29 28.6 +0.9
FETA	Feichten	50.10 304	eP	P	21 29 27.6 -0.8
MA2	Magadan	50.20 39	P	P	21 29 30.1 +1.4
MA2	comp=Z,5.5nm,0.5s,baz=275,slo=6,SNR=4.2			P	21 29 30.0 +1.2
MA2	Magadan	50.20 39	P	P	21 29 30.0 +1.2
MA2	comp=Z,5.5nm,0.5s,baz=275,slo=6,SNR=4.2			Pmax	
BLS5	Blasio	50.32 321	eP	P	21 29 30.0 +0.3
BLS5	Blasio	50.32 321	eP	P	21 29 30.2 +0.6
FUORN	Ofenpass-Fuorn	50.51 304	eP	P	21 29 31.7 +0.1
FUORN	comp=Z,6.9nm,1.0s			P	
DAVA	Damuels	50.59 305	eP	P	21 29 31.6 -0.5
SEY	Seymchan	50.62 35	P	P	21 29 32.3 +0.5
SEY	Seymchan	50.62 35	eP	P	21 29 32.3 +0.5
FOO	Fiore	50.75 324	eP	P	21 29 34.1 +1.2
ASK	Askoy	50.95 322	eP	P	21 29 32.7 -0.6
SUF	Sulen	50.95 323	eP	P	21 29 35.7 +1.3
VLC	Villacollemand	51.10 301	eP	P	21 29 35.8 0.0
LEM	Lembang	51.21 142	LR	LR	21 54 31.6
LEM	comp=Z,7.9nm,19.6s,baz=312,slo=40			LR	21 54 31.6
CDF	Champ du Feu	52.00 307	eP	P	21 29 42.1 -0.4

2012 SEP

CDF	comp=Z,2.2nm,1.9s			Pmax	
HINF	Hinterfeld	52.43 306	eP	P	21 29 45.2 -0.5
HINF	comp=Z,2.2nm,1.9s			Pmax	
SENI	Lac Senin/Sane	52.55 304	eP	P	21 29 46.6 -0.2
SENI	comp=Z,2.2nm,1.9s			Pmax	
LPG	La Plagne	53.17 303	eP	P	21 29 51.5 0.0
LPG	comp=Z,2.16nm,1.0s			Pmax	
LPL	La Plagne	53.18 303	eP	P	21 29 51.5 0.0
LPL	comp=Z,2.2nm,1.0s			Pmax	
CABF	La Chapelle	53.28 305	eP	P	21 29 50.8 -1.2
CABF	comp=Z,4.0nm,0.7s			Pmax	
BNI	Bardonecchia	53.36 303	eP	P	21 29 51.7 -1.0
BNI	comp=Z,1.0nm,1.1s			P	
BNI	Bardonecchia	53.36 303	eP	P	21 29 51.7 -1.0
BNI	comp=Z,1.0nm,1.1s			Pmax	
MBDF	Montbardon	53.40 302	eP	P	21 29 52.9 -0.1
MBDF	comp=Z,6.0nm,0.8s			Pmax	
FRF	La Foret Royal	53.85 301	eP	P	21 29 56.5 +0.3
FRF	comp=Z,5.0nm,0.8s			Pmax	
KMBO	Kilima Mbojo	53.90 235	P	P	21 29 57.2 0.0
KMBO	comp=Z,8.8nm,0.6s,baz=44,slo=14,SNR=5.5			P	21 29 57.2 0.0
KMBO	Kilima Mbojo	53.90 235	eP	P	21 29 57.2 0.0
KMBO	comp=Z,6.0nm,1.1s			P	
ORIF	Oris-en-Rattie	53.94 303	eP	P	21 29 56.8 -0.1
ORIF	comp=Z,8.0nm,1.3s			Pmax	
SSB	Saint Sauveur	54.72 304	eP	P	21 30 02.5 0.0
SSB	comp=Z,1.0nm,1.3s			P	
SSB	Saint Sauveur	54.72 304	eP	P	21 30 02.5 0.0
SSB	comp=Z,1.0nm,1.3s			Pmax	
KEST	Kesra	54.74 291	P	P	21 30 02.9 0.0
KEST	comp=Z,8.0nm,1.0s,baz=273,slo=7,SNR=8.3			P	21 30 02.9 0.0
KEST	Kesra	54.74 291	eP	P	21 30 03.1 +0.2
KEST	comp=Z,9.1nm,1.0s			P	
VIVF	Saint-Julien-L	54.77 303	eP	P	21 30 02.8 -0.1
VIVF	comp=Z,13nm,1.5s			Pmax	
SSF	Saint Sauveur	54.82 306	eP	P	21 30 02.3 -0.9
SSF	comp=Z,6.0nm,0.9s			Pmax	
AVF	Avril sur Lorr	55.01 306	eP	P	21 30 03.7 -0.9
AVF	comp=Z,6.0nm,0.8s			Pmax	
PETK	Petropavlovsk	55.31 46	LR	LR	21 56 17.8
PETK	comp=Z,1.66nm,18.3s,baz=30,slo=39			LR	21 56 17.8
TCF	Toulx Ste Urs	55.92 306	eP	P	21 30 11.0 -0.2
TCF	comp=Z,4.0nm,0.9s			Pmax	
DAG	Danmarks Havn	56.09 344	iP	P	21 30 12.2 +0.3
DAG	comp=Z,1.4nm,0.9s			P	
DAG	Danmarks Havn	56.09 344	iP	P	21 30 12.2 +0.3
DAG	comp=Z,1.5nm,0.9s			Pmax	
CAF					

Table with columns: NOA, NORSAR Array B, ARCES, etc. Includes station names, codes, and coordinates.

ISC/JB 09 21:29:51.2, 0.2, 27.47S; 0.02:67.35W; 0.03, h157km, 3km, mb4.1/22, Error ellipse: s-maj=4.6km s-min=3.1km az=9.9

SDC 09 21:29:51.7, 1.1, 27.49S; 67.24W, h162km, 10km, ML4.4, MW4.2

GUC 09 21:29:52.6, 0.7, 27.52S; 67.28W, h134km, 15km, ML4.6

NEIC 09 21:29:52.0, 0.0, 27.49S; 67.24W, h162km, mb4.4/13, MD4.4(SJA), After SJA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Choya, Cafayete, Horco Molle, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Tololo Observa, Cerro Villan, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Santa Barbara, Cerro Valdivia, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like IPOC Station P, Huala0, etc.

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

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

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

Table with columns: PTGA, SDV, RPN, GRGR, FDF, OBIP, SNAIA, TXAR, DBIC, S39A, Q24A, CCUT, P18A, TOAO, TORO, PSUT, PPAR, SPUT, HVU, NVAR, LBTB, HLID, NMTM, PINE, ESDC, ASAR, WRA, LEM, ZALV, KSH, MKAR, WMQ, WMQ, WMQ, WMQ, etc.

ISC 09 21:37:27.5, 0.8, 9.37N; 85.36W, h0km, mb3.8/9, mb1.4 1/9, mb1mx3.9/39, mbtmp3.8/9, MS3.5/1.1, Ms1.3.5/1.1, ms1mx3.2/37, Error ellipse: s-maj=19.7km s-min=11.9km

UCR 09 21:37:28.0, 4.8, 9.23N; 85.25W, h20km, 17km, MD4.0, ML3.6, mb4.3(NEIC)

ISC/JB 09 21:37:29.9, 1.1, 9.43N; 0.06:85.21W; 0.04, h16km, 6km, mb4.1/34, MS3.4/9, Error ellipse: s-maj=11.3km s-min=4.4km az=33.5

NEIC 09 21:37:34.0, 0.6, 9.46N; 85.01W, h35km, mb4.3/28, Error ellipse: s-maj=13.4km s-min=9.1km az=212.0

NEIC Fell at San Jose and Sierra. ISC 09 21:37:33.1, 6.9, 9.50N; 0.05:85.16W; 0.04, h2km, gkm, n104, s196N/102, mb4.2/34, MS3.5/9, Off coast of Costa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Vista de Mar, JuntasAbangare, etc.

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

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

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

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

Table with columns: LNIG, 152A, LRAL, Z50A, GOGA, Y52A, CPCT, TKL, TKL, MIAR, V51A, V51A, LTX, TXAR, TXAR, TX31, PTGA, PTGA, PTGA, WMOK, Q51A, LPAZ, Y14A, W13A, PKCU, KNB, TPNV, PD31, PDAR, BGU, AHID, REDW, NV11, NV01, NV01, NVAR, NVAR, KVN, RYN, WAKR, HLID, ORV, CPUP, PLCA, PLCA, IL1, ILAR, ILB, ESDC, ESDC, ES19, NOA, TORO, TAM, GERES, FINES, WMQ, HHC, HHC, KSH, KSH, LZH, LZH, WRA, WRA, ASAR, ASAR, BRDH, MKAR, etc.

ISC 09 21:39:55.2, 0.2, 3.90S; 130.33E, h0km, mb3.4/1, mb1.4/3.5, mb1mx3.7/44, mbtmp4.1/5, ML4.0/4, MS3.5/1, Ms1.3.5/1, ms1mx2.5/21, Error ellipse: s-maj=55.7km s-min=27.6km az=80.0, Seram

NNC 09 21:40:02.5, 3.3, 37.08N; 70.56E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=28.3km s-min=20.7km az=154.0

ISC 09 21:39:58.5, 1.8, 36.57N; 0.07:70.9E; 0.02, h200km, n117, s164/22, SC-50, Hindu Kush region

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

ISC 09 21:39:58.5, 1.8, 36.57N; 0.07:70.9E; 0.02, h200km, n117, s164/22, SC-50, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Sufi-Kurgan, Manas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Sufi-Kurgan, Manas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Sufi-Kurgan, Manas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Sufi-Kurgan, Manas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Sufi-Kurgan, Manas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Sufi-Kurgan, Manas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Sufi-Kurgan, Manas, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Keskin Array B, Muntele Rosu, FIA1 FINESS Array S, etc.

NIED 09 22:13:00.38.70N,142.20E, h41km, Mw3.5 Best double couple: M2 280000.1014 NP1.148.00000, 82.00000, 1.38.00000, NP2.28.00000, 866.00000, 1.25.00000, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OFUJ Unafuto, JIO Ouri, JMK Ichinoseki, etc.

ISCJB 09 22:59:5.0.4, 39.88N, 143.64E, 0.05, h6km, mb4.2/28, MS3.5/5, Error ellipse: s-maj=6.2km s-min=3.6km az=26.6, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, JANG Nango, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JEM Erimo, JOT Ohata, JNBK Urukawa-nobuka, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KSRS Korea Array, KSRS Wonyu Array S, KSRS Wonyu Array B, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IM3 Indian Mountain, CMAR Chiang Mai Arr, MK01 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ABKAR Akbulak array, AKTO Aktyubinsk, WRAB Tennant Creek, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SVNI San Vicente, LFRS El Faro, CNCH Conchagua, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OPAM San Salvador, OPAM La Fuente, LFU La Fuente, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like 352A Blakely, 352A Blakely, 352A Blakely, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like 146A Union, 146A Union, 147A Livingston, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like 148A Greensboro, 149A Jones, 150A Eclectic, etc.

9d 22h

Y49A	Blount Mountain	21.58	6	P	P	23 02 41.6 +0.6
GOGA	Godfrey	21.59	12	eP	P	23 02 42.1 +1.1
GOGA	Godfrey	21.59	12	P	P	23 02 42.2 +1.1
Y50A	Piedmont	21.69	7	P	P	23 02 43.1 +1.0
CCAR	Cane Creek	21.69	353	eP	P	23 02 45.7 +3.5
Y41A	Eaglette Beard	21.76	352	P	P	23 02 44.3 +1.4
Y51A	Rockmart	21.78	8	P	P	23 02 43.8 +0.7
LTX	Lajitas	21.86	323	eP	P	23 02 45.5 +1.4
TXAR	Lajitas Array	21.86	323	P	P	23 02 45.5 +1.4
TXAR					PcP	23 06 42.7 -0.3
TXAR					LR	23 12 38.6
TX31	Lajitas Ar. Si	21.86	323	eP	P	23 02 45.4 +1.3
Y52A	Liburn	21.91	11	eP	P	23 02 45.5 +1.0
Y52A	Liburn	21.91	11	P	P	23 02 45.5 +1.0
ATAH	Atahualpa	21.92	151	LR	LR	23 10 12.0
Y53A	Monroe	22.00	12	P	P	23 02 46.5 +1.1
Y40A	Okolona	22.00	350	P	P	23 02 46.3 +0.9
X45A	UM Field Stati	22.04	359	P	P	23 02 47.7 +1.9
X48A	Hartselle	22.12	4	eP	P	23 02 47.0 +0.2
X48A	Hartselle	22.12	4	P	P	23 02 47.4 +0.6
OXF	Oxford	22.13	359	eP	P	23 02 48.5 +1.6
OXF	Oxford	22.13	359	P	P	23 02 47.4 +0.8
X47A	Russelville	22.14	2	P	P	23 02 47.4 +0.4
X49A	Woodville	22.24	5	P	P	23 02 48.3 +0.2
X50B	Fort Payne	22.26	7	P	P	23 02 48.4 +0.1
X42A	Kaden, Bauxite	22.31	354	P	P	23 02 51.6 +2.8
X41A	Kaden, Bauxite	22.35	352	P	P	23 02 49.2 -0.1
X40A	Basin Creek Fa	22.39	351	eP	P	23 02 50.3 +0.6
X40A	Basin Creek Fa	22.39	351	P	P	23 02 50.3 +0.6
ABTX	Abiene, Hawle	22.53	336	eP	P	23 02 50.1 -1.1
ABTX	Abiene, Hawle	22.53	336	P	P	23 02 50.1 -1.1
MIAR	Mount Ida	22.57	350	eP	P	23 02 52.0 +0.4
MIAR	Mount Ida	22.57	350	P	P	23 02 51.7 +0.1
PLAL	Pickwick Lake	22.60	2	eP	P	23 02 52.0 +0.1
UALR	University of	22.61	352	eP	P	23 02 52.6 +0.7
X39A	Fountain Ranch	22.63	349	P	P	23 02 52.8 +0.5
SJG	San Juan	22.64	72	P	P	23 02 49.7 -2.8
W45A	Hickory Valley	22.77	359	P	P	23 02 53.7 +0.1
W48A	Pulaski	22.81	4	P	P	23 02 53.5 -0.7
W49A	Belvidere	22.85	5	P	P	23 02 53.6 -0.9
W47A	Westpoint	22.89	3	P	P	23 02 54.4 -0.5
JSC	Jenkinsville	22.95	16	eP	P	23 02 57.0 +1.4
SWET	Sewanee	22.98	6	eP	P	23 02 55.6 -0.2
W41B	Gary Mavity, V	22.99	353	eP	P	23 02 56.3 +0.4
W41B	Gary Mavity, V	22.99	353	P	P	23 02 57.0 +1.1
W50A	Signal Mountain	23.03	7	P	P	23 02 56.1 -0.3
W51A	Cleveland	23.07	9	P	P	23 02 56.7 0.0
WHAR	Woolly Hollow	23.11	353	eP	P	23 02 58.2 +1.0
W40A	Ferguson Farm,	23.12	351	eP	P	23 02 56.3 -1.0
W40A	Ferguson Farm,	23.12	351	P	P	23 02 57.3 0.0
BG3	Lake Joazeff	23.23	12	eP	P	23 02 58.9 +0.5
W39A	Magazine	23.24	350	eP	P	23 02 59.1 +0.7
W39A	Magazine	23.24	350	P	P	23 02 58.6 +0.2
V46A	Holladay	23.41	1	P	P	23 02 59.6 -0.6
V47A	Nunnally	23.46	3	P	P	23 03 00.1 -0.5
V49A	McMinnville	23.52	6	P	P	23 03 00.6 -0.6
V50A	Pikeville	23.52	8	P	P	23 03 00.6 -0.6
V42A	Cord	23.52	355	P	P	23 03 00.7 -0.5
V41A	Mountainview	23.58	353	P	P	23 03 01.5 -0.3
V40A	Witts Springs	23.68	352	eP	P	23 03 02.8 0.0
V40A	Witts Springs	23.68	352	P	P	23 03 02.6 -0.2
TKL	Tuckaleehee C	23.71	10	P	P	23 03 02.4 -0.6
TKL	Tuckaleehee C	23.71	10	LR	LR	23 13 21.1
TKL	Tuckaleehee C	23.71	10	eP	P	23 03 03.4 +0.3
KM5C	Kings Mountain	23.75	15	eP	P	23 03 04.0 +0.7
KM5C	Kings Mountain	23.75	15	P	P	23 03 03.8 +0.5
WVT	Waverly	23.75	2	eP	P	23 03 03.2 -0.1
WVT	Waverly	23.75	2	P	P	23 03 02.9 -0.4
V51A	Loudon	23.76	9	P	P	23 03 04.2 +0.7
STVI	Saint Thomas	23.80	72	eP	P	23 03 03.4 -0.6
V39A	Pettigrew	23.84	350	P	P	23 03 04.3 0.0
V53A	Saluda	23.91	12	eP	P	23 03 05.3 +0.4
V53A	Saluda	23.91	12	P	P	23 03 05.7 +0.8
V52A	Sevierville	23.92	11	eP	P	23 03 05.0 +0.1
V52A	Sevierville	23.92	11	P	P	23 03 05.1 +0.1
U46A	Springville	23.97	1	P	P	23 03 04.4 -1.0
U42A	Revendon	24.05	355	P	P	23 03 05.5 -0.7
U47A	Clarksville	24.09	3	P	P	23 03 05.7 -0.7
WMOK	Wichita Mounta	24.10	340	eP	P	23 03 05.7 -1.0
WMOK	Wichita Mounta	24.10	340	P	P	23 03 05.7 -1.0
U41A	Viola	24.11	354	P	P	23 03 06.6 -0.1
U48A	Cassie Pea, P	24.20	5	P	P	23 03 06.5 -1.0
U40A	Yellville	24.23	352	P	P	23 03 07.9 +0.1
U49A	Red Boiling Sp	24.27	6	P	P	23 03 07.3 -0.9
U50A	Jamestown	24.29	8	P	P	23 03 07.6 -0.8

2012 SEP

HHAR	Hobbs	24.32	350	eP	P	23 03 08.6 -0.1
TUL1	Leonard	24.34	346	eP	P	23 03 08.4 -0.4
TUL1	Leonard	24.34	346	P	P	23 03 08.2 -0.6
U39A	Green Forest	24.35	351	P	P	23 03 09.7 +0.8
PBMO	Poplar Bluff	24.42	357	eP	P	23 03 09.3 -0.3
MNTX	Cornudas Mount	24.60	324	eP	P	23 03 11.1 -0.2
MNTX	Cornudas Mount	24.60	324	P	P	23 03 11.0 -0.2
U53A	Fall Branch	24.62	12	P	P	23 03 10.5 -1.0
T47A	Sharon Grove	24.64	3	eP	P	23 03 10.8 -0.8
T47A	Sharon Grove	24.64	3	P	P	23 03 10.8 -0.8
T46A	Princeton	24.66	2	P	P	23 03 10.8 -0.9
T42A	Van Buren	24.72	356	eP	P	23 03 11.7 -0.6
T42A	Van Buren	24.72	356	P	P	23 03 11.3 -0.9
T43A	Greenville	24.72	357	P	P	23 03 11.6 -0.7
T41A	Mountain View	24.79	354	P	P	23 03 12.6 -0.2
T48A	Botling Green	24.81	5	P	P	23 03 12.0 -1.1
T49A	Edmonton	24.89	6	eP	P	23 03 13.0 -0.7
T49A	Edmonton	24.89	6	P	P	23 03 13.0 -0.7
T51A	Gray	24.96	9	P	P	23 03 14.0 -0.4
T39A	Cleaver	24.96	351	P	P	23 03 14.8 +0.3
T40A	Mansfield	24.97	353	P	P	23 03 14.6 0.0
MSTX	Muleshoe	25.04	332	eP	P	23 03 15.0 -0.3
MSTX	Muleshoe	25.04	332	P	P	23 03 14.5 -0.8
T38A	Diamond	25.12	350	P	P	23 03 15.2 -0.7
S43A	Fulbright	25.20	358	P	P	23 03 15.7 -0.9
S44A	Carbondale	25.30	359	P	P	23 03 17.2 -0.3
S46A	Don Dixon Farm	25.31	2	P	P	23 03 16.5 -1.0
SIUC	Southern Illin	25.32	359	eP	P	23 03 17.6 0.0
S41A	Jillco Farms,	25.32	355	P	P	23 03 17.2 -0.5
S41A	Amarillo	25.33	353	eP	P	23 03 19.2 +1.2
AMTX	Amarillo	25.33	335	P	P	23 03 18.1 +0.2
S48A	Wiedeman Farm,	25.38	5	P	P	23 03 17.1 -1.2
S40A	Lebanon	25.41	353	P	P	23 03 18.1 -0.5
S42A	Gallonia	25.43	356	P	P	23 03 17.7 -1.0
S49A	Springfield	25.49	7	P	P	23 03 19.3 -0.8
S39A	Bolivar	25.61	352	eP	P	23 03 19.9 -0.4
S39A	Bolivar	25.61	352	P	P	23 03 19.8 -0.5
S38A	Stockton	25.64	351	P	P	23 03 20.4 -0.2
S51A	Beattyville	25.68	10	P	P	23 03 20.6 -0.4
R46A	Gibson Southern	25.84	2	P	P	23 03 21.9 -0.5
R43A	Red Bud	25.89	358	P	P	23 03 22.4 -0.5
R45A	Skylar, Fairri	25.90	1	P	P	23 03 22.2 -0.7
WCI	Wyandotte Cave	25.93	5	eP	P	23 03 22.5 -0.7
WCI	Wyandotte Cave	25.93	5	P	P	23 03 22.5 -0.7
R42A	Luebering	25.94	356	P	P	23 03 22.9 -0.4
R47A	Wooly Knot Far	25.98	4	P	P	23 03 22.7 -1.0
R41A	Rosebud	26.00	355	P	P	23 03 23.3 -0.5
R40A	Maddies Statio	26.07	354	P	P	23 03 23.6 -0.9
R49A	Shelbyville	26.10	7	P	P	23 03 23.9 -0.8
R38A	Benwick Farm,	26.18	351	P	P	23 03 25.1 -0.4
R39A	Chumby, Stover	26.18	353	P	P	23 03 25.0 -0.5
R51A	Hillsboro	26.32	9	P	P	23 03 26.3 -0.5
Q45A	Warren Harvey,	26.50	1	P	P	23 03 27.8 -0.6
Q44A	Mey Farm, Va	26.50	360	P	P	23 03 27.4 -1.0
Q42A	Golden Eagle	26.55	357	P	P	23 03 28.5 -0.3
Q47A	Bedord North L	26.62	4	P	P	23 03 28.7 -0.8
Q41A	Truxton	26.64	356	P	P	23 03 29.1 -0.5
Q48A	North Vernon	26.67	5	P	P	23 03 28.9 -1.1
Q40A	Laux Farm, Aux	26.75	354	P	P	23 03 29.9 -0.8
Q49A	Aurora	26.84	7	P	P	23 03 30.5 -0.8
Q39A	White Grove F	26.90	353	P	P	23 03 31.2 -0.8
Q38A	Cooks Store, C	26.90	352	P	P	23 03 31.2 -0.8
NNA	Nantona	26.90	153	LR	LR	23 12 27.0
Q51A	Peebles	27.07	9	eP	P	23 03 33.4 -0.1
Q51A	Peebles	27.07	9	P	P	23 03 32.8 -0.8
P47A	Martinsville	27.18	4	P	P	23 03 33.3 -1.2
Q52A	Bidwell	27.20	11	P	P	23 03 34.4 -0.3
P42A	Winchester	27.22	357	P	P	23 03 34.1 -0.7
P48A	Milroy	27.23	6	P	P	23 03 33.8 -1.1
P46A	Bedale	27.25	3	P	P	23 03 34.2 -1.0
P40A	Paris	27.28	355	P	P	23 03 34.8 -0.6
P39B	Salisbury	27.31	353	P	P	23 03 35.0 -0.6
P41A	Barry, Barry	27.34	356	P	P	23 03 35.5 -0.5
P38A	Dawn	27.54	352	P	P	23 03 37.4 -0.3
KSU1	Kansas State U	27.58	347	eP	P	23 03 37.8 -0.2
KSU1	Kansas State U	27.58	347	P	P	23 03 37.1

Table of astronomical observations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes entries like F38A, COWI, E38A, BUKO, E40A, etc.

Table of astronomical observations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes entries like JNFK, ONAJ, JFFD, JMM, etc.

Table of astronomical observations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes entries like LCO, LCO, LCO, LSCH, etc.

NIED 09 23:05:00.37:20N:142.40E, h11km, Mw3.5 Best double couple: M1.740000,1014 NP1.900000,845.00000, lambda=144.00000... JMA 09 23:05:51.8:0.3,37:22N:142.40E, h11km,3km, M3.7

10d Oh

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes objects like M23, M24, M25, etc.

2012 SEP

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes objects like OBKA, MYKA, DIVS, etc.

638

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes objects like OBKA, MYKA, DIVS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like OLIL Olney, HKT Hockley, WCI Wyandotte Cave, etc.

IDC 10 00:51:28.6:3.2, 1.03S-98.30E, h0km, mb3.5/4, mb1 3.6/5, mb1mx3.4/29, mbtmp3.4/5, ML4.2/1, Error ellipse: s-maj=138.4km s-min=23.1km az=58.0, Southern

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

UCR 10 00:55:21.8:0.7, 9.01N-84.13W, h29km, 2km, MD3.5, 1C-2D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like EDDO Dominical, QCR1 Quepos, URSU Urasca, etc.

ISCJB 10 00:57:52.4:0.9, 37.57N:0.06:36.99E:0.04, h11km, Error ellipse: s-maj=31.4, s-min=4.7km, M12.7, DDA 10 00:57:56.5, 37.62N-37.04E, h11km, M12.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KMR5 Kahramanmaras, GAZ Gaziantep, ANDN Andirin, etc.

BUC 10 01:00:16.6:0.2, 45.59N-26.58E, h118km, 2km, MD3.6/5, 54C-24D, Error ellipse: s-maj=2.0km s-min=1.9km az=133.0, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PLOR Plostina, VRI Vrincoiaia, GRER Greben, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CIOR Cioclovani, BUC1 Bucharest, BUC2 Bucharest, etc.

IDC 10 01:16:07.6:5.2, 29.59S-178.76W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.5/20, mbtmp3.5/2, Error ellipse: s-maj=237.1km s-min=81.1km az=165.0, Kermadec

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JAGI Jajag, IGBI Denpasar, GMJI Gumukmas, etc.

MAN 10 01:46:32.4, 10.28N-124.93E, h48km, mb3.7, ML2.5, MS2.0, 1C, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MSLP Maasin, PLOP Palo, BESP Borongan, etc.

ISCJB 10 01:48:25.8:0.5, 39.12N:0.03:29.04E:0.03, h12km, 3km, Error ellipse: s-maj=5.2km s-min=4.3km az=176.1, DDA 10 01:48:25.4, 39.11N:29.03E, h7km, M12.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SMAA Simav, SHAP Saphane-Kutahya, DEMI Demirci, etc.

TLIG eS Sn 02 07 34.5 -2.4

UCR 10 02:07:06.0:2.2, 14.75N-89.30W, h13km, ML3.5, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RTR El Retiro, SBJE San Jose, SBLB San Blas, etc.

NNC 10 02:08:00.3:2.4, 35.52N-69.98E, h0km, mb3.9, mpv3.5, 5C-1D, Error ellipse: s-maj=24.8km s-min=18.3km az=120.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SFK Sufti-Kurgan, MNAS Manas, KK31 Karatay Arr, etc.

ISCJB 10 02:14:04.2:0.3, 20.41S:0.03:68.87W:0.05, h117km, 3km, mb4.3/9, Error ellipse: s-maj=7.3km s-min=4.2km az=168.8, NEIC 10 02:14:05.0:0.0, 20.42S:68.95W, h104km, mb4.5/6, ML4.5(GUC), After GUC

NEIC Felt [III] at Camina, Pica and Pozo Almonte and [II] at Alto Hospicio, Iquique and Pisagua. GUC 10 02:14:05.0:0.0, 20.42S:68.95W, h106km, 3km, ML4.5, IDC 10 02:14:06.0:0.7, 20.52S:68.66W, h113km, 5km, mb3.9/7, mb1 4.0/9, mb1mx3.7/28, mbtmp4.3/9, MSS.4/2, Ms1 3.3/2, ms1mx2.8/28, Error ellipse: s-maj=20.1km s-min=13.8km az=90.0, SJA 10 02:14:08.9:0.3, 21.77S:68.97W, h18km, 19km, ML2.9, MW2.6

ISC 10 02:14:05.7:0.5, 20.46S:0.03:68.87W:0.05, h113km, 4km, n60, s166.77N, mb4.3/9, 8C-3D, Chile-Bolivia border

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PB08 IPOC Station P, PB09 IPOC Station P, PB10 IPOC Station P, etc.

comp=E, 50m, 0.5s, PB01 IPOC Station P, 0.82 225 ePn Pn 02 14 24.8 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PB11 IPOC Station P, PB12 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BDFB, PTGA, Pitinga, OTAV, RUSC, BARC, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BIPH, Bislig, BIPH, MSLP, etc.

ISCJB 10 02:16:28.8:0.4, 24.04N:0.05:122.40E:0.03, h28km, 5km, Error ellipse: s-maj=9.1km s-min=3.7km az=7.6

ISCJB 10 02:23:16.8:0.4, 32.21N:0.03:115.23W:0.03, h23km, 3km, Error ellipse: s-maj=4.7km s-min=3.7km az=15.7

ISCJB 10 02:23:18.0:0.7, 32.19N:115.26W, h5km, MD2.9, ML3.1, Error ellipse: s-maj=1.0km s-min=0.8km az=85.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EOS1, EOS1, EOS1, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like USRK, Usuriysk Ar., CTA, etc.

NIED 10 02:19:00.39:90N:143.60E, h17km, Mw4.0 Best double couple: Mo=1.02000e+10, NP1=1.810000e+08, lambda=103.00000e+07, 0.00000e+00, NP2=2.50000e+08, delta=59.00000e+07, lambda=103.00000e+07

ISCJB 10 02:19:04.6:0.2, 39.90N:143.61E, h20km, Mw4.2, Error ellipse: s-maj=10.3km s-min=6.3km az=109.0

ZUR 10 03:06:33.6:47.67N:8.75E, h13km, 1km, M1.1/15, Error ellipse: s-maj=1.4km s-min=0.8km az=12.0

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAN, 10 02:47:14.0:9.58N:126.69E, h20km, mb5.0, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TRULL, Truellikon, STEIN, etc.

TWD	Chiawan	0.55 275	P	Pb	03 51 41.6	+0.3
TWD	baz=270		eS	Sn	03 51 50.0	-1.4
ENLB	Shouting	0.56 257	P	Pb	03 51 41.2	-0.3
ENLB	baz=237		S	Sn	03 51 50.4	-1.2
NANC	Nanao	0.57 314	P	Pb	03 51 40.9	-0.8
NANC	baz=319		P	Pb	03 51 42.0	+0.4
NACB	Ninganchiao	0.57 284	P	Sb	03 51 50.1	+0.7
NACB	baz=263		S	Sb	03 51 50.1	+0.7
ENA	Nanau	0.57 313	P	Pb	03 51 40.9	-0.8
ENA	baz=321		eS	Sb	03 51 49.7	+0.2
TWC	Suao	0.66 331	eP	Pb	03 51 42.0	-1.1
TWC	baz=338		eS	Sb	03 51 52.0	+0.2
ESL	Shilin	0.73 253	P	Pb	03 51 44.4	-0.1
ESL	baz=236		eS	Sb	03 51 54.7	+0.7
EGFH	Guangfu	0.79 243	eP	Pb	03 51 45.2	-0.3
EGFH	baz=227		eS	Sb	03 51 55.0	+0.3
JYNG	Yonagunijimaku	0.80 59	P	Pb	03 51 45.7	+0.2
JYNG	baz=227		S	Sb	03 51 56.4	+0.5
ENTT	Nioudou	0.83 316	P	Pb	03 51 46.0	-0.2
ENTT	baz=323		eS	Sn	03 51 58.5	0.0
ILA	Ilan	0.83 331	P	Pn	03 51 46.0	-0.7
ILA	baz=330		eS	Sn	03 51 57.4	-1.0
TWE	Neicheng	0.84 325	iP	Pb	03 51 45.6	-0.6
TWE	baz=332		eS	Sn	03 51 58.1	-0.4
PNS	Nan Shan	0.85 298	P	Pn	03 51 46.7	-0.5
NNS	Nanzhe	0.85 296	eS	Sb	03 51 58.1	-1.0
YOJ	Yonaguni jima	0.85 60	iP	Pn	03 51 46.8	-0.3
YOJ	baz=62		Pn	Pb	03 51 46.7	-0.3
YOJ	Yonaguni jima	0.85 60	P	Sb	03 51 57.8	+0.3
WHF	Hehuan Shan	0.86 278	P	Pb	03 51 46.6	-0.2
WHF	baz=261		eS	Sb	03 51 58.0	-0.1
SLBB	Yuanshan	0.88 325	P	Pn	03 51 46.9	-0.6
SLBB	baz=331		eS	Sn	03 51 58.4	-1.2
NTC	Toucheng	0.88 338	eP	Pb	03 51 46.2	-0.8
NTC	baz=349		eS	Sn	03 51 58.9	-0.7
HGSD	Ruisui	0.89 233	P	Pb	03 51 46.7	-0.4
HGSD	baz=229		eS	Sb	03 51 59.2	+0.7
CHGB	Renai	0.94 272	iP	Pb	03 51 48.0	-0.1
CHGB	baz=255		S	Sb	03 52 00.1	0.0
TWT	Tachien	0.96 283	P	Pn	03 51 48.8	+0.1
TWT	baz=269		eP	Pb	03 51 48.0	-0.3
EHY	Hungye	0.96 237	eP	Pb	03 52 00.2	-0.3
EHY	baz=223		eS	Sb	03 52 00.2	-0.3
NWLT	Wulai	0.97 320	eP	Pn	03 51 48.7	0.0
TDCB	Techi	0.97 283	P	Pn	03 51 48.7	-0.1
TDCB	baz=268		eS	Sn	03 52 02.0	0.0
YHNB	Yeheng	0.98 310	P	Pn	03 51 48.6	-0.2
YHNB	baz=309		eS	Sn	03 52 01.8	-0.4
TWB1	Santiao Chiao	0.99 349	P	Pn	03 51 48.4	-0.5
TWB1	baz=350		eS	Sb	03 52 00.9	-0.5
TIPB	Shuangxi	0.99 340	P	Pb	03 51 48.6	-0.4
TIPB	baz=350		eS	Sn	03 52 02.4	0.0
NSK	Sanguang	1.00 310	P	Pn	03 51 49.0	-0.1
NSK	baz=309		eS	Sb	03 52 03.0	+0.5
YULB	Yu-li	1.04 232	P	Pb	03 51 49.1	-0.6
YULB	baz=246		eS	Sb	03 52 02.4	-0.5
TWF1	Yuli	1.07 231	eP	Pn	03 51 49.6	-0.4
TWF1	baz=244		eS	Sb	03 52 03.0	-0.7
TWA	Mucha	1.09 329	P	Pb	03 51 50.8	+0.2
TWA	baz=330		S	Sb	03 52 05.7	+0.8
NWF	Wu-fen Shan	1.10 340	P	Pb	03 51 50.7	0.0
NWF	baz=357		eS	Sn	03 52 04.9	-0.2
WFSB	Wu-fen Shan	1.10 340	P	Pb	03 51 50.7	0.0
WFSB	baz=356		eS	Sn	03 52 05.0	0.0
SSLB	Suanglung	1.17 258	iP	Pn	03 51 51.2	-0.2
SSLB	baz=242		eS	Sb	03 52 04.8	-1.7
TAP1	Taipai	1.17 329	eP	Pb	03 51 52.3	+0.3
TAP1	baz=328		eS	Sn	03 52 07.6	+0.8
FULB	Fuli	1.18 225	P	Pn	03 51 50.7	-0.8
FULB	baz=206		eS	Sb	03 52 05.8	-0.9
TAP	Taipai	1.18 328	eP	Pb	03 51 52.5	+0.4
CHKT	Chengkung	1.20 220	eP	Pn	03 51 50.9	-0.9
CHKT	baz=293		eS	Sb	03 52 05.2	-2.4
TYC	Yuchr	1.23 264	P	Pb	03 51 52.5	-0.5
TYC	baz=261		eS	Sn	03 52 09.8	+1.5
NSTT	Nanjuang	1.24 299	eP	Pb	03 51 53.3	+0.2
NSTT	baz=297		eS	Sn	03 52 09.5	+1.0
YM01	YM01	1.25 333	eP	Pb	03 51 53.7	+0.5
YM01	baz=347		eS	Sb	03 52 07.9	-0.9
YM07	YM07	1.25 335	iP	Pb	03 51 52.5	-0.8
YM07	baz=336		eS	Sn	03 52 10.2	+1.4
YM11	YM11	1.26 333	eP	Pb	03 51 53.2	-0.2
YM11	baz=348		eS	Sn	03 52 10.4	+1.4
YUS	Yu-Shan	1.26 245	eP	Pn	03 51 53.4	+0.2
YUS	baz=242		eS	Sb	03 52 09.5	-0.3
YM04	YM04	1.27 332	P	Pb	03 51 53.2	-0.3
YM08	YM08	1.27 334	eP	Pn	03 51 52.2	-0.6
TWS1	Kuangyinshan	1.28 326	eP	Pb	03 51 53.4	-0.3
TWS1	baz=326					

YM12	YM12	1.28 334	eP	Pb	03 51 52.9	-0.8
YM12	baz=333					
YM03	YM03	1.29 332	eP	Pb	03 51 53.6	-0.3
YM03	baz=332					
NCU	National Centr	1.31 316	eP	Pb	03 51 53.9	-0.4
NCU	baz=314					
NCUH	Zhongli	1.31 315	eP	Pb	03 51 53.9	-0.3
NCUH	baz=315		eS	Sb	03 52 10.2	-0.4
NTST	Danshui	1.31 329	eP	Pb	03 51 53.8	-0.5
NTST	baz=315					
SBCB	Hsinchu	1.34 305	eP	Pb	03 51 54.1	-0.7
SBCB	baz=304		eS	Sb	03 52 13.4	+1.9
TWQ1	Liyutan	1.34 284	eP	Pb	03 51 55.2	+0.5
TWQ1	baz=283					
TWY	Chenhua	1.35 336	eP	Pb	03 51 55.0	+0.1
TWY	baz=354					
HSN	Hsinchu	1.36 305	eP	Pb	03 51 55.4	+0.4
HSN	baz=306		eS	Sb	03 52 12.6	+0.6
WJS	Zhushan	1.36 261	eP	Pb	03 51 55.3	+0.1
WJS	baz=259		eS	Sb	03 52 13.9	+1.8
NSY	Sanyi	1.37 286	P	Pb	03 51 55.2	0.0
NSY	baz=284		eS	Sb	03 52 14.1	+1.9
ELDTW	Lidau	1.37 232	eP	Pn	03 51 53.7	-0.6
ELDTW	baz=216					
NMLH	Miaoili	1.38 292	eP	Pb	03 51 55.4	0.0
NMLH	baz=290		eS	Sb	03 52 14.1	+1.5
WNT	Mingjian	1.39 264	eP	Pb	03 51 56.1	+0.4
WNT	baz=261		eS	Sb	03 52 14.4	+1.3
TCU	Taichung	1.40 275	eP	Pb	03 51 56.1	+0.4
TCU	baz=272		eS	Sb	03 52 14.9	+1.9
PTSB	Yuanli	1.42 287	P	Pb	03 51 56.5	+0.4
PTSB	baz=285		eS	Sb	03 52 15.3	+1.4
IRIF	Iriomote-Funau	1.43 78	P	Pb	03 51 55.8	-0.5
IRIF	baz=284		eS	Sb	03 52 14.3	+0.2
CHNS	Tsauling	1.46 253	P	Pb	03 51 56.8	-0.1
CHNS	baz=238		eS	Sb	03 52 15.7	+0.7
HATJ	Hateruma jima	1.47 89	P	Pn	03 51 56.2	+0.7
WCHH	Zhanghua	1.50 272	eP	Pb	03 51 57.6	+0.1
WCHH	baz=269		eS	Sb	03 52 17.8	+1.7
WGK	Gukung	1.54 257	eP	Pb	03 51 58.3	+0.1
WGK	baz=241		eS	Sb	03 52 18.7	+1.5
WDLH	Douliu	1.56 258	eP	Pb	03 51 58.2	-0.3
WDLH	baz=241		eS	Sb	03 52 18.4	+0.7
TWGBT	Beinan	1.59 221	eP	Pn	03 51 56.3	-0.9
TWGBT	baz=218		eS	Sn	03 52 17.2	+0.2
TWG	Pinlang	1.59 221	eP	Pn	03 51 56.4	-0.8
TWG	baz=218		eS	Sn	03 52 17.2	+0.1
PCYT	Pengchayiu	1.59 356	eP	Pn	03 51 56.9	-0.4
PCYT	baz=357		eS	Sn	03 52 17.7	+0.4
TTN	Taitung	1.60 217	eS	Sn	03 51 59.7	-0.4
TTN	baz=202					
WTP	Ta-pu	1.65 242	P	Pb	03 51 59.7	-0.4
WTP	baz=239		eS	Sb	03 52 20.8	+0.3
CHN2	Minshung	1.66 253	eP	Pb	03 52 00.1	0.0
CHN2	baz=252					
JKRS	Kuro-shima	1.67 83	P	Pb	03 51 59.6	-0.7
RLNB	Erin	1.69 266	P	Pb	03 52 00.5	-0.2
RLNB	baz=262		S	Sb	03 52 22.7	+1.2
CHY	Chiayi	1.71 252	eS	Sb	03 52 22.9	+0.8
CHY	baz=249					
TWK	Hsiyung	1.74 244	P	Pb	03 52 01.3	-0.4
TWK	baz=241		eS	Sb	03 52 23.4	+0.2
CHN1	Nanshi	1.75 241	P	Pb	03 52 01.5	-0.3
CHN1	baz=238		eS	Sb	03 52 24.6	+1.2
SGST	Jiashian	1.76 238	eP	Pb	03 52 01.3	-0.6
SGST	baz=235		eS	Sb	03 52 23.4	-0.2
SLGT	Liugui	1.76 234	P	Pb	03 52 01.0	-1.0
SLGT	baz=219		eS	Sb	03 52 23.3	-0.3
WTCT	Ta-ch'eng	1.76 265	eS	Sb	03 52 24.4	+0.8
WTCT	baz=262					
JJ	Ishigaki jima	1.81 79	P	Pn	03 52 00.7	+0.6
WLGB	Pup	1.82 253	eS	Sb	03 52 25.2	-0.2
WLGB	baz=249					
ECL	Taimali	1.83 219	eP	Pb	03 51 59.7	-0.8
ECL	baz=217					
SSD	Sandimen	1.93 229	eP	Pb	03 52 03.8	-1.0
SSD	baz=217		eS	Sn	03 52 26.9	+1.5
CHN8	Yiju	1.95 250	eS	Sb	03 52 28.6	-0.3
CHN8	baz=246					
JISG	Yishigakijimahi	2.00 74	P	Pn	03 52 03.4	+0.5
JISG	baz=215		eS	Sn	03 52 28.1	+0.8
MASBT	Mashibuulo	2.02 226	eP	Pb	03 52 03.1	0.0
MASBT	baz=213		eS	Sn	03 52 29.4	+1.8
SCLT	Jiali	2.03 245	eS	Sb	03 52 30.9	-0.4
SCLT	baz=241		eP	Pn	03 52 04.2	+0.9
TWM1	Shoushan	2.03 234	eP	Pn	03 52 33.0	+1.6
TWM1	baz=215		eS	Sb	03 52 03.9	+0.4
TAW	Tawu	2.06 216	eP	Pn	03 52 03.5	-0.2
TAW	baz=215					
EAST	Anshuo	2.06 217	eP	Pn	03 52 03.5	-0.2
EAST	baz=216		eS	Sb	03 52 31.7	-0.5
TAI	Yung-k'ang	2.06 242	eS	Sb	03 52 01.6	-2.3
TAI	baz=236					
LAY	lan-yu	2.07 197	eP	Pb	03 52 07.1	+1.5
LAY	baz=197		eP	Pn	03 52 07.1	+1.5
SCZT	Fangliu	2.20 222	eP	Pb	03 52 34.7	-1.6
SCZT	baz=212		eS	Sb	03 52 08.6	+0.8
JTJ	Tarama	2.36 75	P	Pn	03 52 38.9	+0.9
TSEB	Hengchuen, Pin	2.44 210	eS	Pn	03 52 09.4	+0.4
TSEB	baz=217					
TWKBT	Hengchun	2.44 212	P	Pn	03 52 38.1	-0.1
TWKBT	baz=209		eS	Sn	03 52 09.4	+0.4
TWKBT	baz=211		eP	Pn	03 52 09.9	+0.9
WDGT	Dungji	2.45 252	eP	Pn	03 52 39.4	+1.0
WDGT	baz=235		eS	Sn	03 52 09.5	+0.3
PHUB	P'eng-hu	2.46 258	P	Pn	03 52 39.4	+0.9
PH						

Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like JOW Kunigami, JYRO Yononjima, and ASAJ Asahikawa.

Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like YSS Yuzh-Sakhalins, SONM Songino Array, and WRA Warramunga Arr.

Table with columns: Call sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like KKAR Karatay Array, BVAR Borovoye Array, and GERE GERES Array B.

Summary table with columns: Code, Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like PLP Palo, BESP Borongan, and MSPL Maasin.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GIRL, TGY, MEEK, FORT, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like VVDA, SBA, MAW, QSPA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HAKT, SVRC, BNGB, etc.

Table with columns: TXAR, Lajitas Array, 53.80, 67, P, P, 09 17 56.8 -0.1, etc.

NCC 10 09:18:26.6:3.1, 37.92N:126.74E, h0km, mb3.7, mpv3.3, 3C-4D, Error ellipse: s-maj=23.9km s-min=20.5km az=174.0, Afghanistan-Tajikistan border region

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

IDC 10 09:27:23.0:5.0, 10.62N:126.74E, h0km, mb4.1/20, mb1.4/2.1, mb1mx1.4/2, mbtmp4.1/21, ML3.5/1, MS3.1/6, Ms1.3/2.6, ms1mx2.8/3.4, Error ellipse: s-maj=27.3km s-min=11.9km az=77.0

ISCJB 10 09:27:24.7:0.3, 10.65N:102.3:126.92E:0.03, h20km, mb4.7/36, MS3.0/4, Error ellipse: s-maj=5.2km s-min=4.5km az=39.5

MAN 10 09:27:28.3, 10.84N:126.84E, h29km, mb4.9, ML3.8, MS3.9

NEIC 10 09:27:28.7:0.2, 10.59N:126.79E, h35km, mb4.6/18, Error ellipse: s-maj=9.1km s-min=1.1km az=77.0

ISC 10 09:27:26.5:0.4, 10.67N:102.05:126.88E:0.06, h20km, n83, s1501/87, mb4.3/36, MS3.0/4, 2C, Philippine Islands region

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

MAN 10 09:31:45.8:26.0, 37.37N:74.01E, h77km, 108km, mb3.6/1, mb1.3/5.5, mb1mx3.1/3.4, mbtmp3.7/5, ML3.1/4, MS3.3/4, Ms1.3/3.4, ms1mx2.6/4.3, Error ellipse: s-maj=290.1km s-min=59.9km az=177.0

NCC 10 09:32:01.4:1.2, 38.59N:173.74E, h150km, 6km, mb2.4, mpv3.4, Error ellipse: s-maj=13.5km s-min=10.7km az=82.0

ISC 10 09:32:01.6:2.4, 38.68N:102.73:73.8E:0.1, h150km, n15, s098/17, 5C-4D, Tajikistan-Xinjiang border region

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

KRAR 10 09:42:00.0:0.3, 53.58N:87.80E, M2.8, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014)

NCC 10 09:42:02.0:2.1, 53.53N:87.78E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=17.7km s-min=10.6km az=64.0, Suspected Mining explosion

IDC 10 09:42:00.5:2.1, 53.53N:87.86E, h0km, mb1.3/6.1, mb1mx3.9/5.3, mbtmp3.6/4, ML3.3/4, 5C-6D, Error ellipse: s-maj=18.9km s-min=12.7km az=46.0, Southwestern Siberia

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

Table with columns: MAKZ, Makanchi, 52.27, 322, eP, P, 09 36 37.9 +1.3, etc.

MAN 10 09:45:25.3, 7.93N:125.04E, h33km, mb3.5, ML2.2, MS1.6, 1C, Mindanao

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

IDC 10 09:48:07.9:1.5, 17.52S:178.99W, h508km, 17km, mb3.5/12, mb1.3/7.1, mb1mx3.4/4.4, mbtmp4.3/14, Error ellipse: s-maj=22.7km s-min=11.8km az=145.0

ISCJB 10 09:48:09.4:0.6, 17.55S:0.1:179.1W:0.1, h539km, mb3.9/11, Error ellipse: s-maj=19.4km s-min=10.0km az=140.8

ISC 10 09:48:09.9:0.7, 17.65S:0.2:179.0W:0.1, h539km, n32, s1928/36, mb3.9/11, Fiji Islands region

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

MAN 10 09:33:32.6, 9.27N:123.36E, h1km, mb3.7, ML2.4, MS1.9, 2C, Negros

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

MAN 10 09:34:59.9, 9.29N:123.21E, h9km, mb4.5, ML3.3, MS3.2, 2C-1D, Negros

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

ISK 10 10:00:14.7, 38.62N:27.27E, h3km, ML 1.8/4, ISCJB 10 10:00:15.7:0.7, 38.62N:0.05:27.25E:0.05, h12km, Error ellipse: s-maj=7.5km s-min=4.7km az=157.3

DDA 10 10:00:15.8, 38.66N:27.15E, h7km, ML2.5, ISC 10 10:00:15.7:1.1, 38.63N:0.05:27.27E:0.03, h12km, n8, s0978/12, Turkey

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

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

MAN 10 09:45:25.3, 7.93N:125.04E, h33km, mb3.5, ML2.2, MS1.6, 1C, Mindanao

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

IDC 10 09:48:07.9:1.5, 17.52S:178.99W, h508km, 17km, mb3.5/12, mb1.3/7.1, mb1mx3.4/4.4, mbtmp4.3/14, Error ellipse: s-maj=22.7km s-min=11.8km az=145.0

ISCJB 10 09:48:09.4:0.6, 17.55S:0.1:179.1W:0.1, h539km, mb3.9/11, Error ellipse: s-maj=19.4km s-min=10.0km az=140.8

ISC 10 09:48:09.9:0.7, 17.65S:0.2:179.0W:0.1, h539km, n32, s1928/36, mb3.9/11, Fiji Islands region

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

MAN 10 09:33:32.6, 9.27N:123.36E, h1km, mb3.7, ML2.4, MS1.9, 2C, Negros

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

MAN 10 09:34:59.9, 9.29N:123.21E, h9km, mb4.5, ML3.3, MS3.2, 2C-1D, Negros

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

ISK 10 10:00:14.7, 38.62N:27.27E, h3km, ML 1.8/4, ISCJB 10 10:00:15.7:0.7, 38.62N:0.05:27.25E:0.05, h12km, Error ellipse: s-maj=7.5km s-min=4.7km az=157.3

DDA 10 10:00:15.8, 38.66N:27.15E, h7km, ML2.5, ISC 10 10:00:15.7:1.1, 38.63N:0.05:27.27E:0.03, h12km, n8, s0978/12, Turkey

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MKAR Makanchi Array, MAZK Makanchi, MCK McKinley, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like FIAO FINESS Array S, FIAO FINESS Array B, FINES FINESS Array B, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LTX Lajitas, TX31 Lajitas Arr. Si, TXAR Lajitas Array, etc.

2012 SEP

10d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KORT, GCAM, AYDB, SMG, ZKR, DGB, KULA, SUTC, APE, ZEK, URLA, LAST, AKHS, GHOS, IDI, GAZI, AKMC, PFCY, ALFCA, ALFC, KONT, KIZAT, SZAC, SLAZ, SLUM, HMYD, KOT, KOT, HHAG, SWAZ, HNKL, HFRF.

IDC 10:59:26.5-1.2, 17:70S;167.28E, h0km, mb4.0/8, mb1.4/2.8, mb1m3.9/45, mbtmpr4.0/8, MS3.6/2, Ms1.3/6.2, ms1mx2.9/33, Error ellipse: s-maj=41.0km s-min=20.8km

ISCJB 10:59:27.0-9.0, 17.81S;0.07E-167.3E;0.2, h19km, mb3.9/8, MS3.5/2, Error ellipse: s-maj=23.0km s-min=10.1km az=8.1

ISC 10:59:29.3-1.0, 17.8S;0.1E-167.3E;0.2, h19km, n9, o15/10, mb4.0/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DZM, STKA, WRA, WRA, ASAR, FITZ, PETK, CMAR, NVAR, ILAR.

JMA 10:11:02:22.6-0.2, 28.06N;128.14E, h6km, mb3km, M2.2, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JTK, JOKE, JAMN, JAMN, JIH, JIRO, JOW, JOW, JAM, JAM, JATJ.

DDA 10:11:11:15.6, 35.98N;39.19E, h6km, M1.3, ISK 10:11:17.9, 36.00N;39.19E, h4km, 1km, ML2.7/1

ISC 10:11:11:17.5-2.2, 35.99N;0.10-39.16E;0.05, h5km, n13km, n10, o598/16, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SURC, SANL, SANL, URFU, URFU, MAZI, MAZI, KUZU, MARD, MARD, GAZI, SVRO, TAHT, YAYL.

NNC 10:11:22:40.1-2.5, 35.55N;70.09E, h0km, mb3.7, mpv3.4, 1C-3D, Error ellipse: s-maj=24.8km s-min=18.7km az=17.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SFK, SFK, MNAS, MNAS, KK31, KK31, KK31.

MAN 10:11:23:18.2, 3'37N;126'75E, h47km, mb5.7, ML4.7, MS5.2, BUJ 10:11:23:25.0, 3'66N;126'54E, h45km, mb4.8/44, mb5.0/28, Ms4.4/26, Ms7.4/219

MOS 10:11:23:26.4-1.1, 4.01N;125.99E, h37km, mb5.1/38, Error ellipse: s-maj=11.3km s-min=5.2km az=108.0, DJA 10:11:23:28.1-0.5, 4.1N;5.1E, h10km, M5.3/7, mb5.3/1, mb5.3/1, MLV5.4/7, Mw(m)B4.7/1

ISCJB 10:11:23:29.1-0.4, 3.99N;0.02E-126.19E;0.03, h61km, 3km, mb4.9/126, Error ellipse: s-maj=5.8km s-min=3.3km az=166.1

NEIC 10:11:23:29.5-0.6, 4.00N;126.13E, h50km, 5km, mb5.1/69, Error ellipse: s-maj=5.2km s-min=3.1km az=78.0

NEIC Felt [IJJ] at Melonguane, NCMT 10:11:23:30.5-0.3, 3.98N;0.02E-126.23E;0.02, h46km, 2km, Mw1.4/92, Moment Tensor Solution, s29,c38, e62,c90

Duration: 0 Moment tensor: Scale 10^16Nm; Mw-1.08; 17; Mw2.95; 10; Mw-1.88; 14; Mw-1.02; 10; Mw-0.41; 10; Mw1.28; 17; Best double couple: M0.06400/0.106 NP1=133.000000, s76.000000, A-39.000000. NP2: 234.000000, s52.000000, A-162.000000. Principal axes: T 3.9220, Plg15.0000, Azm188.0000; N -0.4670, Plg49.0000, Azm296.0000; P -2.8350, Plg37.0000, Azm86.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular

moment-rate function IDC 10:11:23:30.4-0.7, 3.96N;126.07E, h58km, 5km, mb4.5/30, mb1.4/9.33, mb1mx3.6/42, mbtmpr4.8/33, MS3.7/16, MS1.3/13, ms1mx3.4/46, Error ellipse: s-maj=16.6km s-min=8.9km az=79.0

ISC 10:11:23:29.7-0.4, 3.98N;0.04E-126.28E;0.05, h50km, 3km, h51km; pP-N274, o1962/307, mb5.0/126, MS3.8/23, 8C-7D, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SGSI, DDMP, GSPH, MATI, MATI, SKMP, DAV, DMPH, DMPH, TMTI, TMTI, BUKP, KMSI, BIPH, CGP, LBMI, BUTP, LWMI, MSLP, LLP, SIJU, SIJU, PLP, AAI, AAI, PCI, PCI, RAKP, RAKP, PVPK, SJMP, SAUI, MMRI, SCOE, BATT, JAY, JAGI, MTN, TWG, YULB, TPUB, SSSL, NACB, YOJ, YOJ, YOJ, YHNB, TATO, TEM, CISI, FITZ, FITZ, QIZ, QIZ, QIZ, QIZ, JOW, JOW, COEN, WRA, WRA, WRA, WR1, WB2, SKNT, MBWA, SRAK, KHAI, CHAI, RABL, PSI, PSI, PSJ, PSJ, CS31, AS31, ASAR, ASAR, ASO1, PHIT, NJ2, NJ2, GSI, GSI, NANT, NANT, GYA, GYA, GYA, GYA.

comp=Z,10.0nm,0.9s 29.28 302 P P 11 29 30.3 +2.9 PHRA Phrae 29.28 302 P P 11 29 30.3 +2.9 comp=Z,4.8nm,0.8s,comp=Z,440nm 29.31 8 P P 11 29 27.0 -0.6 JNU Nakatsue 29.31 8 P P 11 29 27.0 -0.6 JNU 29.31 8 LR LR 11 40 58.1 JNU 29.31 8 LR LR 11 29 27.5 -0.1 comp=Z,107nm,21.3s,baz=164,slow=36 JNU Nakatsue 29.31 8 eP P 11 29 27.5 -0.1 comp=Z,4.8nm,0.8s CM01 Chiang Mai Arr 30.36 300 eP P 11 29 37.3 +0.5 CM01 Chiang Mai Arr 30.36 300 eP P 11 29 36.0 -1.0 CM01 Chiang Mai Arr 30.36 300 eP pP P 11 29 50.9 +0.9 CMAR Chiang Mai 30.36 300 eP P 11 29 36.6 -0.4 comp=Z,2.3nm,0.7s,baz=199,slow=3,SNR=13 CMAR Chiang Mai Arr 30.36 300 eP pP P 11 29 50.8 +0.8 comp=Z,8.2nm,0.8s,baz=108,slow=7.0,SNR=14 CMAT Chiang Mai 30.51 301 P P 11 29 40.2 +1.9 comp=Z,19nm,0.9s CHTO Chiang Mai 30.51 301 eP P 11 29 38.6 +0.2 comp=Z,13nm,0.8s CHTO Chiang Mai 30.51 301 eP P 11 29 38.6 +0.2 CHTO Chiang Mai 30.51 301 Pmax Pmax CHTO Chiang Mai 30.51 301 P P 11 29 40.3 +1.9 comp=Z,84nm,0.9s ENH Enshi 30.59 331 eP P 11 29 39.3 +0.4 ENH Enshi 30.59 331 eP pP P 11 29 52.6 +0.6 KMI Kunming 30.89 315 P P 11 29 43.4 +1.5 KMI Kunming 30.89 315 P pP P 11 29 53.9 +1.0 KMI Kunming 30.89 315 P pP P 11 29 40.8 -0.1 comp=Z,13nm,1.4s KMI Kunming 30.89 315 Pmax Pmax comp=Z,54nm,1.4s KMI Kunming 30.89 315 LR LR comp=Z,66nm,12.8s KMI Kunming 30.89 315 LR LR comp=Z,200nm,18.1s KMI Kunming 30.89 315 LR LR comp=Z,240nm,21.4s CTAO Charters Tower 30.94 141 eP P 11 29 43.3 +1.2 comp=Z,33nm,1.1s CTAO Charters Tower 30.94 141 eP pP P 11 29 53.5 -1.6 comp=Z,33nm,1.1s CTAO Charters Tower 30.94 141 eP pP P 11 29 43.3 +1.2 comp=Z,33nm,1.1s CTAO Charters Tower 30.94 141 eP pP Pmax Pmax comp=Z,33nm,1.1s JHJ Hachiji Arr 31.62 22 LR LR 11 41 01.5 comp=Z,169nm,21.6s,baz=252,slow=33 INU Inuyama 32.76 16 eP P 11 29 57.9 -0.0 comp=Z,29nm,1.1s KS15 Wonju Array Si 33.34 2 eP P 11 30 03.4 +0.5 KSAR Wonju Array Be 33.34 2 P P 11 30 03.6 +0.8 KSAR Wonju Array Be 33.34 2 P pP P 11 32 45.0 +1.0 KSAR Wonju Array Be 33.34 2 P pP P 11 30 03.7 +0.8 KSAR Wonju Array Be 33.34 2 P P 11 32 45.0 KSRS Korea Array 33.35 2 P P 11 30 03.6 +0.6 comp=Z,8.2nm,0.5s,baz=181,slow=9.7,SNR=44 KSRS Korea Array 33.35 2 P pP P 11 32 45.0 +1.0 comp=Z,1.5nm,0.6s,baz=186,slow=2.2,SNR=4.5 KSRS Korea Array 33.35 2 LR LR 11 45 42.2 comp=Z,52nm,18.3s,baz=188,slow=40 KSRS Korea Array 33.35 2 P P 11 30 03.6 +0.6 KS01 Wonju Array Si 33.37 2 eP P 11 30 03.1 -0.1 XAN Xi'an 34.00 334 P P 11 30 07.6 -1.2 XAN Xi'an 34.00 334 P pP P 11 30 16.9 -5.0 XAN Xi'an 34.00 334 P S Pmax 11 35 25.1 -5.5 comp=Z,8.0nm,1.0s XAN Xi'an 34.00 334 LR LR comp=Z,130nm,20.1s XAN Xi'an 34.00 334 LR LR comp=Z,130nm,20.1s XAN Xi'an 34.00 334 LR LR comp=Z,190nm,18.1s XAN Xi'an 34.00 334 LR LR CD2 Chengdu 34.18 324 P S 11 30 11.0 +0.6 CD2 Chengdu 34.18 324 S S 11 35 35.5 +2.0 comp=Z,10.0nm,0.5s CD2 Chengdu 34.18 324 Pmax Pmax comp=Z,140nm,5.0s CD2 Chengdu 34.18 324 LR LR comp=Z,370nm,13.2s CD2 Chengdu 34.18 324 LR LR comp=Z,440nm,14.7s CD2 Chengdu 34.18 324 LR LR

MAJ Matsumuro 34.22 17 eP P 11 30 08.6 -1.0 MAJO Matsumuro 34.22 17 eP P 11 30 10.0 -0.6 MJAR Matsumuro Arr 34.22 17 P P 11 30 09.6 -1.0 comp=Z,1.8nm,0.6s,baz=196,slow=8.7,SNR=7.5 MJAR Matsumuro Arr 34.22 17 LR LR 11 42 44.9

comp=Z,154nm,21.7s,baz=200,slow=34 FORT Forrest 34.60 177 eP P 11 30 14.6 +0.6 comp=Z,90nm,0.7s NWAO Narrogin (SRO) 37.69 192 eP P 11 30 40.8 +0.4 comp=Z,4.1nm,0.6s NWAO Narrogin (SRO) 37.69 192 eP Pmax 11 30 40.8 +0.4 NWAO Narrogin (SRO) 37.69 192 eP Pmax 11 30 40.8 +0.4

comp=Z,41nm,0.6s BBOO Buckleboe 37.74 166 eP P 11 30 41.3 +0.5 comp=Z,37nm,0.8s EIDS Eidsvold 37.82 142 eP P 11 30 42.5 +0.9 comp=Z,29nm,0.9s LZH Lanzhou 38.06 330 eP P 11 30 45.9 +2.2 LZH Lanzhou 38.06 330 pP P 11 30 58.1 +1.2 LZH Lanzhou 38.06 330 sP P 11 31 02.4 -0.5 LZH Lanzhou 38.06 330 eP Pn Pn 11 32 13.5 +0.2 comp=Z,36nm,1.3s LZH Lanzhou 38.06 330 Pmax Pmax comp=Z,180nm,5.3s LZH Lanzhou 38.06 330 LR LR comp=Z,320nm,15.9s LZH Lanzhou 38.06 330 LR LR comp=Z,340nm,16.4s LZH Lanzhou 38.06 330 LR LR

comp=Z,520nm,16.4s STKA Stephens Creek 38.52 159 P P 11 30 48.2 +0.9 comp=Z,1.7nm,0.6s,baz=328,slow=9.5,SNR=72 STKA Stephens Creek 38.52 159 LR LR 11 49 42.5 comp=Z,111nm,20.9s,baz=5.2,slow=41 STKA Stephens Creek 38.52 159 eP P 11 30 48.1 +0.9 comp=Z,7.4nm,0.9s STKA Stephens Creek 38.52 159 eP Pmax 11 30 48.2 +0.9 comp=Z,7.0nm,0.9s MSHR My Shultsa 38.68 60eP P 11 30 49.4 +1.1 HHC Hu-ho-hao-te 39.03 342 eP P 11 30 53.5 +1.9 HHC Hu-ho-hao-te 39.03 342 S S 11 36 49.7 +2.4 comp=Z,15nm,0.8s HHC Hu-ho-hao-te 39.03 342 Pmax Pmax comp=Z,90nm,6.1s HHC Hu-ho-hao-te 39.03 342 LR LR comp=Z,820nm,19.0s HHC Hu-ho-hao-te 39.03 342 LR LR comp=Z,690nm,16.8s HHC Hu-ho-hao-te 39.03 342 LR LR comp=Z,690nm,16.4s HHC Hu-ho-hao-te 39.03 342 LR LR

comp=Z,29nm,0.6s CN2 Changchun 39.66 359 eP S 11 30 58.5 +1.8 CN2 Changchun 39.66 359 eS S 11 31 14.2 -1.8 CN2 Changchun 39.66 359 Pmax Pmax 11 36 58.3 +1.7 comp=Z,10.0nm,0.5s CN2 Changchun 39.66 359 Pmax Pmax comp=Z,200nm,3.0s CN2 Changchun 39.66 359 LR LR comp=Z,700nm,15.0s CN2 Changchun 39.66 359 LR LR comp=Z,900nm,15.0s CN2 Changchun 39.66 359 LR LR

comp=Z,700nm,16.0s USA0B Ussuriysk Arr 40.37 6 eP P 11 31 03.5 +0.9 comp=Z,28nm,0.8s,baz=192,slow=7.3,SNR=66 USRK Ussuriysk Arr 40.37 6 P P 11 31 03.3 +0.7 comp=Z,28nm,0.8s,baz=192,slow=7.3,SNR=66 USRK Ussuriysk Arr 40.37 6 LR LR 11 47 09.3

comp=Z,72nm,20.9s,baz=158,slow=35 MDJ Mudanjiang 40.58 4 P Pmax 11 31 01.1 -3.2 MDJ Mudanjiang 40.58 4 Pmax Pmax comp=Z,45nm,0.8s MDJ Mudanjiang 40.58 4 Pmax Pmax comp=Z,150nm,4.9s MDJ Mudanjiang 40.58 4 eP P 11 31 05.5 +1.2 comp=Z,43nm,1.1s TEY Ternei 41.88 111 eP P 11 31 15.9 +0.9 TEY Ternei 41.88 111 e P 11 31 27.7

10d 11h

2012 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WBCY West Bay, Gran Frank Sound, G TLIG Tlapa, LNI Linares, ROSC El Rosal, ZAI Zacatecas, KVTX Kingsville, SDV Santo Domingo, SDV Santo Domingo, 657A Interlachen, 556A Lake Butler, HKT Hockley, 833A Chaparral WMA, 833A Chaparral WMA, 441A DeRider, BRAL Brewton, 453A Whigham, 453A Whigham, 348A Jackson, 343A Vidalia, 351A Pinckard, 344A Westbrook Farm, 344A Westbrook Farm, 342A Flagon Creek P, 342A Flagon Creek P, 341A Kurthwood, 341A Kurthwood, 352A Blakely, 352A Blakely, 353A Camilla, TIGA Tifton, 249A Camden, 247A Qutman, 250A Grady, 244A Avery, Jackson, VBMS Vicksburg, VBMS Vicksburg, 242A Grayson, 251A Midway, 252A Lumpkin, 241A Mo Tay, Golden, 241A Mo Tay, Golden, NATX Nacogdoches, NATX Nacogdoches, 435B Jarrell, 435B Jarrell, 240A Hunter Patters, 146A Union, 146A Union, 147A Livingston, 147A Livingston, 149A Jones, 142A Monroe, 150A Eclectic, 151A Opelika, 143A Socs Landing, 143A Socs Landing, 141A Papa Simpson, 152A Waverly Hall, 152A Waverly Hall, LRAL Lakeview Retre, LRAL Lakeview Retre, 140A Cam and Jess, 140A Cam and Jess, JCT Junction City, JCT Junction City, 246A Louisville, 247A Carrollton, 154A Montrose, 154A Montrose, 249A Columbiana, 243A Armstrong Fami, 245A Winona, 248A Northport, 250A Ashland, 250A Ashland, 155A Kite, 252A Williamson, WHTX Lake Whitney, WHTX Lake Whitney, 251A Franklin, 241A Richland Creek, 240A Long Farm, Mags, 253A Monticello, Y45A Yeager Farm, C, Y46A Houston, Y47A UCAFC, Winitie, Z54A Sparta, HPIG Cane Creek, Y48A Jasper, GOGA Godfrey, GOGA Godfrey, Y49A Blount Mountain, Y49A Blount Mountain, Y42A Garnett, Star, CCAR Cane Creek, Y51A Rockmart, Y41A Egglett Beard, Y52A Lilburn, Y52A Lilburn, LTX Lajitas, LTX Lajitas, TXAR Lajitas Array, TXAR Lajitas Array, TX31 Lajitas Ar. Si, TX31 Lajitas Ar. Si, Y53A Monroe, ATAH Atahualpa, ATAH Atahualpa, Y40A Okolona, X45A UM Field Stati, X48A Hartselle, X48A Hartselle, OXF Oxford, OXF Oxford, X47A Russellville, NHSC New Hope, NHSC New Hope, Y54A Tignall, X49A Woodville, X50B Fort Patters, X41A Kaden, Bauxite, X40A Basin Creek Fa, X40A Basin Creek Fa, ABTX Abilene, Hawie, ABTX Abilene, Hawie, MIAR Mount Ida, MIAR Mount Ida, PLAL Pickwick Lake, UALR University of, X52A Dahlonche, X39A Fountain Ranch, X53A Estanollee, W45A Hickory Valley, W48A Pulaski, W49A Belvidere, W47A Westpoint, JSC Jenkinsville, SWET Sewanee, W41B Gary Mavity, W41B Gary Mavity, W42A Bald Knob, W50A Signal Mountai, W50A Signal Mountai, W51A Cleveland, WHAR Woolly Hollow, W40A Ferguson Farm, W40A Ferguson Farm, BG3 Lake Jocassee, HBAR Harrisburg, W39A Magazine, W39A Magazine, W53A Cullowhee, CPCT Cooper Cave, W48A Smith Brothers, W48A Smith Brothers, W46A Holiday, W47A Nunnelly, W50A Pikeville, V90A McMinnville, V42A Cord, V41A Mountainview, TKL Tuckaleechee C, TKL Tuckaleechee C, V40A Writts Springs, V40A Writts Springs, KMSC Kings Mountain, KMSC Kings Mountain, V51A Loudon, WVT Waverly, WVT Waverly, PCRVR Puerto La Cruz, V39A Pettigrew, V53A Saluda, V53A Saluda, V52A Sevierville, V52A Sevierville, U46A Springville, U43A Pictor, U42A Revenden, U47A Clarksville, U41A Viola, WMOK Wichita Mounta, WMOK Wichita Mounta, U48A Cassie Pea, U40A Yellville, U40A Yellville, U50A Jamestown, PARMO Parma, HHAR Holston, TUL1 Leonard, TUL1 Leonard, U51A La Follette, U39A Green Forest, PBMO Poplar Bluff, U52A Thorn Hill, TZTN Tazewell, TZTN Tazewell, U53A Fall Branch, T47A Sharon Grove, T47A Sharon Grove, MNTX Cornudas Mount, MNTX Cornudas Mount, T46A Princeton, T42A Van Buren, T42A Van Buren, T43A Greenville, T41A Mountain View, T50A Nancy, T49A Edmonton, T49A Edmonton, T51A Gray, T39A Clever, MSTX Muleshoe, MSTX Muleshoe, S43A Diamond, S43A Diamond, S47A Hartford, S45A Carrier Mills, S44A Carbonade, S46A Don Dixon Farm, SIUC Southern Illin, S41A Jilico Farms, AMTX Amarillo, AMTX Amarillo, S48A Wieman Farm, S40A Lebanon, S42A Caledonia, S49A Springfield, USIN University of, S39A Bolivar, FVM French Village, S38A Stockton, S51A Beaville, R46A Gibon Southern, R44A Waltonville, R45A Skylar, Fairri, R43A Red Bud, WCI Wyandotte Cave, WCI Wyandotte Cave, R42A Lueberling, R47A Wooly Knot Far, R41A Rosbud, R40A Maddies Statio, R38A Fenwick Farm, R39A Chumby, Stover, OLIL Olney, Q45A Warren Harvey, Q44A Meyer Farm, Va, Q43A New Douglas, Q47A Bedord North L, Q41A Truxton

Q48A	North Vernon	26.61	5	P	P	11 36 50.9	-1.7
Q40A	Laux Farm, Aux	26.70	354	P	P	11 36 52.3	-1.2
319A	Douglas	26.77	318	eP	P	11 36 54.9	+0.5
Q49A	Aurora	26.77	7	P	P	11 36 52.3	-1.7
Q39A	Willow Grove F	26.85	353	P	P	11 36 54.0	-0.9
Q38A	Cooks Store, C	26.85	352	P	P	11 36 54.1	-0.8
Q51A	Peebles	27.00	9	eP	P	11 36 55.7	-0.5
Q51A	Peebles	27.00	9	P	P	11 36 55.9	-0.3
P47A	Martinsville	27.12	4	P	P	11 36 55.2	-2.0
BNM	Barren Site	27.12	326	eP	P	11 36 57.6	0.0
Q52A	Bidwell	27.12	11	P	P	11 36 56.0	-1.2
P48A	Mitroy	27.16	6	P	P	11 36 55.6	-2.0
P40A	Paris	27.23	354	P	P	11 36 57.2	-1.1
P39B	Salisbury	27.26	353	P	P	11 36 57.0	-1.5
LENN	Lemitar	27.32	326	eP	P	11 36 59.1	+0.1
P51A	Williamsport	27.49	10	eP	P	11 36 59.9	-0.7
P38A	Dawn	27.49	352	P	P	11 36 59.8	-0.8
KSU1	Kansas State U	27.54	347	eP	P	11 37 00.5	-0.5
KSU1	Kansas State U	27.54	347	P	P	11 36 59.9	-1.1
P37A	Lathrop	27.58	351	P	P	11 37 00.2	-1.1
LAZ	Ladron	27.59	326	eP	P	11 36 59.7	-2.1
ANMO	Albuquerque	27.64	327	eP	P	11 37 02.5	+0.3
ANMO	Albuquerque	27.64	327	eP	P	11 37 01.9	-0.3
O41A	Passleys Farm,	27.72	356	P	P	11 37 00.2	-2.4
O40A	La Belle	27.80	355	P	P	11 37 01.9	-1.4
P52A	Corning	27.80	11	P	P	11 37 00.8	-2.6
O45A	Potomac	27.80	2	P	P	11 37 01.5	-1.9
P53A	Whipple	27.80	12	P	P	11 37 00.7	-2.7
O47A	Sheridan	27.87	4	P	P	11 37 02.3	-1.7
O48A	Farnland	27.98	6	P	P	11 37 02.9	-2.0
O39A	Kirksville	27.99	354	P	P	11 37 03.9	-1.2
O49A	Covington	28.00	7	P	P	11 37 03.4	-1.8
O50A	Cable	28.06	8	P	P	11 37 04.2	-1.5
CBKS	Cedar Bluff	28.11	342	eP	P	11 37 05.8	-0.4
CBKS	Cedar Bluff	28.11	342	P	P	11 37 05.6	-0.5
O37A	Wolven Farm, M	28.11	351	P	P	11 37 05.3	-0.8
O51A	Pataskala	28.21	10	P	P	11 37 05.5	-1.5
ACSO	Alum Creek Sta	28.23	9	eP	P	11 37 06.7	-0.6
ACSO	Alum Creek Sta	28.23	9	P	P	11 37 06.1	-1.1
N41A	Harden Midland	28.31	357	eP	P	11 37 06.5	-1.3
N41A	Harden Midland	28.31	357	P	P	11 37 06.0	-1.8
O52A	Adamsville	28.32	11	eP	P	11 37 07.2	-0.8
O52A	Adamsville	28.32	11	P	P	11 37 06.5	-1.6
TUC	Tucson	28.35	318	eP	P	11 37 09.3	+0.9
N42A	Yates City	28.39	358	P	P	11 37 06.4	-2.1
T25A	Trinidad	28.40	333	eP	P	11 37 09.6	+0.6
T25A	Trinidad	28.40	333	P	P	11 37 10.2	+1.2
N40A	Mertouke, Sal	28.53	356	P	P	11 37 08.4	-1.4
N47A	Urbana	28.55	5	P	P	11 37 07.4	-2.6
N48A	Decatur	28.59	6	P	P	11 37 08.6	-1.7
N38A	Joess South For	28.60	353	P	P	11 37 09.4	-1.2
N39A	Derby Farms, D	28.61	354	eP	P	11 37 09.6	-0.9
N39A	Derby Farms, D	28.61	354	P	P	11 37 09.0	-1.5
N37A	Lee Farris, Mou	28.70	351	eP	P	11 37 10.8	-0.6
N50A	Nevada	28.74	9	P	P	11 37 09.6	-2.1
N49A	Columbus Grove	28.74	7	P	P	11 37 10.0	-1.7
M47A	Cromwell	29.03	5	P	P	11 37 12.9	-1.4
M40A	Post Highland	29.05	356	P	P	11 37 13.2	-1.2
M39A	Webster	29.17	355	P	P	11 37 14.5	-1.0
KSCO	Kaye Shedlock	29.27	338	eP	P	11 37 17.1	+0.4
KSCO	Kaye Shedlock	29.27	338	P	P	11 37 15.7	-0.9
X18A	Snowflake	29.30	322	eP	P	11 37 17.5	+0.6
M50A	Fremont	29.37	9	eP	P	11 37 16.9	-0.5
M50A	Fremont	29.37	9	P	P	11 37 15.9	-1.4
SDCO	Great Sand Dun	29.39	332	eP	P	11 37 18.2	+0.4
SDCO	Great Sand Dun	29.39	332	P	P	11 37 18.4	+0.5
N54A	Moraine State	29.52	14	P	P	11 37 17.4	-1.3
L42A	Oliver, Polo	29.55	359	eP	P	11 37 17.9	-1.1
L41A	Preston	29.65	357	P	P	11 37 18.6	-1.2
L47A	Sherwood	29.68	5	P	P	11 37 18.0	-2.0
L40A	Anamosa	29.68	356	eP	P	11 37 19.4	-0.7
L40A	Anamosa	29.68	356	P	P	11 37 17.6	-2.4
SCIA	State Center	29.70	353	eP	P	11 37 19.7	-0.5
L39A	Vinton	29.80	355	P	P	11 37 18.6	-2.5
S22A	4UR Ranch, Cre	30.01	331	eP	P	11 37 23.8	+0.4
S22A	4UR Ranch, Cre	30.01	331	P	P	11 37 23.7	+0.4
X16A	Lo Mia Camp, P	30.13	321	eP	P	11 37 24.7	+0.4
K41A	Shullsburg	30.18	358	P	P	11 37 23.8	-0.6
K40A	Colesburg	30.31	357	P	P	11 37 23.9	-1.7
K39A	Oelwein	30.31	355	P	P	11 37 24.9	-1.2
JFWS	Jewell Farm	30.48	358	eP	P	11 37 26.7	-0.4
JFWS	Jewell Farm	30.48	358	P	P	11 37 26.8	-0.3
K36A	Gilmore City	30.58	352	P	P	11 37 27.2	-0.8
K37A	Belmond	30.60	353	P	P	11 37 26.6	-1.6
OGNE	Ogallala	30.78	340	P	P	11 37 29.3	-0.6
J42A	Columbus	30.86	359	P	P	11 37 28.9	-1.6

J41A	Loganville	30.92	358	P	P	11 37 30.4	-0.6
J39A	Decarah	30.98	356	P	P	11 37 29.4	-2.1
J40A	Solders Grove	30.98	357	P	P	11 37 30.3	-1.2
J38A	Wedel Dairy, R	31.02	355	P	P	11 37 30.4	-1.5
J37A	Redenius Farm,	31.13	353	P	P	11 37 31.5	-1.3
ISCO	Idaho Springs	31.13	334	eP	P	11 37 33.5	+0.2
ISCO	Idaho Springs	31.13	334	P	P	11 37 31.6	-1.8
SMCO	Snowmass	31.22	332	eP	P	11 37 34.8	+0.6
PV03	Paradox Valley	31.40	329	eP	P	11 37 35.5	-0.1
I43A	Langefield Bro	31.43	1	P	P	11 37 33.3	-2.1
PV18	Skein Mesa, Pa	31.43	329	eP	P	11 37 36.2	+0.4
PV12	Saucer Basin,	31.43	329	eP	P	11 37 36.5	+0.7
I42A	Drager Mesa,	31.43	360	P	P	11 37 33.6	-1.9
PV11	David Mesa, Pa	31.45	329	eP	P	11 37 36.4	+0.4
PV17	East Wray Mesa	31.48	329	eP	P	11 37 36.7	+0.5
I39A	Houston	31.48	356	eP	P	11 37 34.9	-1.0
I39A	Houston	31.48	356	P	P	11 37 34.4	-1.6
PV14	Lion Creek, Pa	31.58	329	eP	P	11 37 37.5	+0.3
PV22	Blue Mesa, Pa	31.59	329	eP	P	11 37 37.5	+0.3
I41A	Arkdale	31.61	358	eP	P	11 37 36.0	-1.0
I41A	Arkdale	31.61	358	P	P	11 37 35.8	-1.2
PV23	Carpenter Ridg	31.64	329	eP	P	11 37 38.2	+0.5
I37A	Lemond, Waseca	31.80	354	P	P	11 37 37.5	-1.3
I36A	Fitzmummen Fa	31.88	353	P	P	11 37 38.3	-1.1
ECSD	EROS Data Cent	32.00	349	eP	P	11 37 39.2	-1.2
ECSD	EROS Data Cent	32.00	349	P	P	11 37 38.8	-1.7
N23A	Red Feather La	32.19	335	P	P	11 37 42.0	-0.5
H40A	Chill	32.19	358	P	P	11 37 40.2	-1.9
BC3	Big Chuckawall	32.28	315	P	P	11 37 42.4	-0.9
H39A	Augusta	32.29	357	P	P	11 37 41.2	-1.8
H37A	Dierke Farm, C	32.32	354	P	P	11 37 42.2	-1.0
PHWY	Pilot Hill	32.34	336	eP	P	11 37 43.8	0.0
H38A	Mattson Ranch	32.35	355	P	P	11 37 42.4	-1.2
H36A	Jessenland, He	32.42	353	P	P	11 37 43.6	-0.5
MONP	2 Moment Peak	32.54	313	P	P	11 37 45.3	-0.3
O20A	White River Ci	32.57	332	eP	P	11 37 47.7	+1.9
O20A	White River Ci	32.57	332	P	P	11 37 47.0	+1.2
H35A	Sunnyside Ranc	32.65	352	P	P	11 37 44.6	-1.6
G42A	Mountain	32.78	0	P	P	11 37 45.1	-2.2
G43A	Wallace	32.81	1	P	P	11 37 45.3	-2.2
G38A	Ridgeland	32.81	356	P	P	11 37 45.9	-1.7
G40A	Rib Lake	32.83	358	eP	P	11 37 46.6	-1.2
G40A	Rib Lake	32.83	358	P	P	11 37 46.5	-1.3
G39A	Holcombe	32.89	357	P	P	11 37 46.6	-1.7
SRU	San Rafael Swe	32.91	328	eP	P	11 37 48.6	-0.2
SPMN	Marine on St.	32.94	355	eP	P	11 37 47.4	-1.4
SPMN	Marine on St.	32.94	355	P	P	11 37 47.3	-1.4
PFO	Pinyon Flats O	32.96	315	P	P	11 37 48.9	-0.3
MTPU	Mount Pierson	33.03	325	eP	P	11 37 50.8	+0.7
SAML	Samuel	33.07	129	eP	P	11 37 49.9	-0.3
GMRC	Gratie Mounta	33.08	317	P	P	11 37 50.3	+0.1
P18A	Preston Nutten	33.15	329	eP	P	11 37 51.1	0.0
SUSD	Millie	33.16	347	P	P	11 37 49.8	-0.8
SZCU	Shurtz Canyon	33.24	323	eP	P	11 37 52.6	+0.9
F41A	Three Lakes	33.28	360	P	P	11 37 49.8	-1.9
P17A	Butcher Ranch,	33.29	328	eP	P	11 37 52.5	+0.5
SADO	Sadova	33.34	13	P	P	11 37 48.0	-4.2
SADO	Sadova	33.34	13	eP	P	11 37 49.9	-2.3
RWWY	Rawlins	33.38	334	eP	P	11 37 54.6	+1.7
F43A	Flat Rock, Esc	33.40	2	P	P	11 37 50.4	-2.2
F40A	Park Falls	33.48	358	P	P	11 37 51.8	-1.6
F39A	Lora	33.50	357	P	P	11 37 51.8	-1.9
F44A	Big Bay de Noc	33.57	3	P	P	11 37 51.8	-2.4
F38A	Pierce, Schro	33.60	356	P	P	11 37 52.7	-1.8
COWI	Conover	33.64	360	eP	P	11 37 53.2	-1.6
K22A	Casper	33.90	336	eP	P	11 37 57.6	+0.2
K22A	Casper	33.90	336	P	P	11 37 57.6	+0.2
BUKO	Buck Lake	33.93	12	P	P	11 37 56.1	-1.3
E43A	Lone Tree Farm	33.95	2	P	P	11 37 55.5	-1.9
E39A	Mellen	33.95	358	P	P	11 37 55.8	-1.7
E40A	Waldfield	34.00	359	P	P	11 37 56.2	-1.8
MPU	Maple Canyon	34.15	328	eP	P	11 37 60.0	+0.4
E38A	The Farm, Brul	34.23	357	eP	P	11 37 58.6	-1.2
E38A	The Farm, Brul	34.23	357	P	P	11 37 57.8	-2.1
RSSD	Black Hills	34.28	340	eP	P	11 38 01.3	+0.6
RSSD	Black Hills	34.28	340	P	P	11 38 01.1	+0.5
LONL	Lake Ozonia	34.38	18	P	P	11 38 00.1	-1.2
EDW2	Edwards Air Fo	34.71	315	P	P	11 38 04.8	+0.4
TPNV	Topopah Spring	34.75	320	P	P	11 38 03.6	-1.2
LPAZ	La Paz	35.01	144	LR	LR	11 52 17.3	
MPMC	Manual Prospec	35.03	317	P	P	11 38 05.7	-1.6
ALFO	Alfred	35.21	17	P	P	11 38 07.7	-0.6
PD31	Pinedale Array	35.27	333	eP	P	11 38 09.8	+0.5
PD31	Pinedale Array	35.27	333	P	P	11 40 40.1	+0.5
PDAR	Pinedale Array	35.27	333	eP			

10d 14h

Table with station names and coordinates: PDAR Pinedale Array, ARCES ARCES Array B, BRTR Keskin Array B, GERES GERES Array B.

OTT 10 13:59:22.5:0.7, 50.02N:51.43W, h18km, MN3.7/5, 195km east from Musgrave Harbour, NI Eastern Background Seismic Zone, North Atlantic Ocean

Main table for OTT stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals.

SOME 10 14:03:12.3, 39.35N:74.23E, h0km, MS3.5
KRNET 10 14:03:14.6:0.1, 39.36N:74.05E, mb4.9
BUI 10 14:03:14.2, 39.14N:74.18E, h2km, mb4.4/28, mb4.4/21, ML4.6/6, Ms4.2/24, Ms7.3/18
IDC 10 14:03:15.9:3.0, 39.16N:74.37E, h33km, 23km, mb4.0/22, mb1.4/28, mb1mx4.1/50, mb1mp4.2/28, ML3.9/6, MS3.5/24, Ms1.3/5/24, ms1mx3.4/48, Error ellipse: s-maj=13.0km s-min=10.2km az=10.0
MOS 10 14:03:15.9:1.5, 39.23N:74.40E, h33km, mb4.7/36, Error ellipse: s-maj=8.1km s-min=3.9km az=105.2
NNC 10 14:03:15.4:0.8, 39.37N:74.02E, h0km, mb5.1, mpv4.8, Error ellipse: s-maj=6.9km s-min=3.4km az=32.0
ISCBJ 10 14:03:15.7:0.4, 39.10N:74.27E:0.4, h2km, 3km, mb4.4/80, MS3.6/27, Error ellipse: s-maj=3.0km s-min=2.9km az=177.5
NEIC 10 14:03:17.9:0.5, 39.23N:74.27E, h48km, 5km, mb4.6/28, Error ellipse: s-maj=5.3km s-min=4.7km az=165.0
ISC 10 14:03:16.2:0.7, 39.17N:74.16E:0.02, h131km, 5km, n32.1, az58/372, mb4.5/83, MS3.5/27, 78C-36D, Southern Xinjiang

Main table for Xinjiang stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals.

2012 SEP

Main table for 2012 SEP stations with columns: AAK, Station Name, Azimuth, Phase ID, Time, Residuals.

662

Main table for 662 stations with columns: BRLS, Station Name, Azimuth, Phase ID, Time, Residuals.

GVA	Guiyang	20.21	36	jP	P	14 40 14.8	-0.2
GVA				pP	pP	14 40 26.4	+1.4
GVA				S	S	14 44 01.4	-2.5
GVA				SS	SS	14 44 11.8	-4.1
GVA				SsSn	SsSn	14 44 26.0	+7.0
GVA				pmax	pmax		
GVA	comp=Z,70nm,1.1s						
GVA	comp=Z,160nm,4.9s						
GVA	comp=Z,770nm,16.0s			LR	LR		
GVA	comp=Z,850nm,15.3s			LR	LR		
GVA	comp=Z,1µm,14.6s			LR	LR		
MNCY	Minicoy	20.34	266	eP	P	14 40 16.9	+0.6
STKI	Sintang	20.60	119	P	P	14 40 19.5	+0.4
POO	Poona	20.68	295	eP	P	14 40 21.0	+1.1
POO				IAMB	IAMB	14 40 34.5	
PBKI	Pangkalan Bun	22.27	125	P	P	14 40 38.2	+1.1
MCO	comp=Z,168nm,1.0s,comp=Z,3µm					14 40 39.0	+0.1
CD2	Taipa Grande	22.44	56	jP	P	14 40 38.0	+1.4
CD2	Chengdu	22.50	24	pP	pP	14 40 47.8	-1.8
CD2				sP	sP	14 40 52.8	-1.9
CD2				S	S	14 44 43.0	-0.8
CD2				Ss	Ss	14 44 59.6	-1.5
CD2	comp=Z,140nm,0.9s			pmax	pmax		
CD2	comp=Z,680nm,4.7s						
CD2	comp=Z,3µm,13.7s			LR	LR		
CD2	comp=Z,4µm,11.0s			LR	LR		
CD2	comp=Z,2µm,10.4s			LR	LR		
GZH	Guangzhou	22.74	54	P	P	14 40 46.6	+4.6
GZH				pP	pP	14 40 57.0	-0.2
GZH				PP	PnPn	14 41 14.0	+7.0
GZH				S	S	14 44 58.2	-6.1
GZH	comp=Z,780nm,4.4s			pmax	pmax		
GZH	comp=N,940nm,11.3s			LR	LR		
GZH	comp=E,280nm,8.8s			LR	LR		
GZH	comp=Z,890nm,12.0s			LR	LR		
KPJI	Karang Pucung	23.37	138	P	P	14 40 48.7	+0.3
MTRI	Muara Teweih K	24.07	117	P	P	14 40 55.5	+0.4
SMRI	Samarang	24.18	135	P	P	14 40 56.5	+0.4
DDI	Dehra Dun	24.49	326	eP	P	14 40 59.6	+0.8
DDI				IAMB	IAMB	14 41 02.1	
ENH	Enshi	24.72	35	eP	P	14 40 58.9	-2.0
TBJI	Tambak Boyo	25.02	132	P	P	14 41 05.8	+2.1
WOJI	Wonogiri, Jawa	25.08	136	P	P	14 41 06.0	+1.8
NGJI	Ngawi	25.12	134	P	P	14 41 07.7	+3.1
PCJI	Pacitan	25.51	136	P	P	14 41 09.9	+1.8
SMLA	Simla	25.60	326	eP	P	14 41 09.7	+0.9
SMLA				IAMB	IAMB	14 41 22.3	
PWJI	Pagerwojo	25.82	135	P	P	14 41 13.3	+2.4
BHJ	Bhuji	26.12	302	eP	P	14 41 13.7	+0.1
BLJI	Banyuglugur	26.92	131	P	P	14 41 22.0	+1.1
DHRM	DHARAMSHALA	26.93	126	eP	P	14 41 21.8	+0.7
DHRM				IAMB	IAMB	14 41 30.9	
TGY	Tagay City	27.02	79	P	P	14 41 22.4	+0.5
LZH	Lanzhou	27.21	18	jP	P	14 41 24.5	+1.0
LZH				pP	pP	14 41 32.9	-1.7
LZH				sP	sP	14 41 38.7	-0.8
LZH				PP	PnPn	14 42 12.9	+4.7
LZH				S	S	14 45 59.9	0.0
LZH				sS	sS	14 46 14.6	-3.8
LZH				SS	SsSn	14 47 19.6	+9.4
LZH	comp=Z,64nm,1.5s			pmax	pmax		
LZH	comp=Z,280nm,4.3s						
LZH	comp=Z,2µm,16.8s			LR	LR		
LZH	comp=Z,3µm,16.9s			LR	LR		
XAN	Xi'an	27.41	29	P	P	14 41 23.2	-2.0
XAN				pP	pP	14 41 32.0	-4.3
XAN				sP	sP	14 41 36.1	-5.1
XAN				PP	PnPn	14 42 17.6	+6.7
XAN				S	S	14 46 06.2	+3.3
XAN	comp=Z,31nm,1.4s			pmax	pmax		
XAN	comp=Z,130nm,3.8s						
XAN	comp=Z,1µm,14.7s			LR	LR		
XAN	comp=Z,540nm,12.4s			LR	LR		
XAN	comp=Z,850nm,15.7s			LR	LR		
H0S3	Diego Garcia H	27.58	230	T	T	15 10 33.5	
H0S2	Diego Garcia H	27.58	230	T	T	15 10 35.6	
H0S1	Diego Garcia H	27.59	230	T	T	15 10 32.7	
WHN	Wuhan	27.86	41	jP	P	14 41 28.8	-0.3
WHN				S	S	14 46 14.0	+4.2
WHN	comp=Z,260nm,1.6s			pmax	pmax		
WHN	comp=Z,860nm,12.2s			LR	LR		
WHN	comp=Z,1µm,9.1s			LR	LR		
WHN	comp=Z,2µm,14.2s			LR	LR		
MPSI	Mapaga	28.07	109	P	P	14 41 31.1	-0.1
SRBI	Singaraja	28.35	130	P	P	14 41 34.7	+1.0
TWG	Pinlang	29.07	61	eP	P	14 41 39.0	-1.0
SSLB	Suanlung	29.32	60	eP	P	14 41 41.3	-1.0
TTSI	Tana Toraja	29.39	116	P	P	14 41 43.7	+0.7
GTA	Gaotai	29.41	10	P	P	14 41 42.8	-0.2
GTA				pP	pP	14 41 51.1	-3.0
GTA				sP	sP	14 41 55.4	-3.6
GTA				PcP	PcP	14 44 48.8	+0.4
GTA				S	S	14 46 33.0	-1.3
GTA				sS	sS	14 46 48.4	-4.5
GTA				Ss	SsSn	14 48 05.4	+1.8
GTA				PcS	PcS	14 48 30.0	-0.9
GTA				ScS	ScS	14 52 21.6	-0.1
GTA	comp=Z,7.0nm,1.9s			pmax	pmax		
GTA	comp=Z,100nm,6.7s						
GTA	comp=Z,290nm,14.4s			LR	LR		
GTA	comp=Z,560nm,15.5s			LR	LR		
GTA	comp=Z,470nm,13.1s			LR	LR		
YULB	Yu-li	29.46	60	eP	P	14 41 44.0	+0.5
NIL	Nilore	29.68	324	eP	P	14 41 45.7	+0.4
NIL	Nilore	29.68	324	eP	P	14 41 45.7	+0.4
NIL				pmax	pmax		

MRSI	Marisa	29.92	107	P	P	14 41 48.5	+0.8
YHNB	Yeheng	30.01	58	eP	P	14 41 48.9	+0.4
TATO	Taipei	30.23	58	eP	P	14 41 50.9	+0.6
BNSI	Bone	30.29	118	P	P	14 41 52.0	+1.1
BKSI	Bulukumba	30.76	119	P	P	14 41 55.5	+0.5
PLAI	Plampang	30.79	128	P	P	14 41 57.9	+2.6
LUWI	Luwuk	31.24	110	P	P	14 42 00.9	+1.5
LUWI	Luwuk	31.24	110	eP	P	14 41 59.9	+0.6
NJ2	Nanjing	31.79	44	eP	P	14 42 04.0	0.0
NJ2				pmax	pmax		
NJ2	comp=Z,46nm,0.8s			LR	LR		
NJ2	comp=Z,900nm,12.5s			LR	LR		
NJ2	comp=Z,490nm,11.4s			LR	LR		
NJ2	comp=Z,1µm,11.9s			LR	LR		
KMSI	Cibinong	31.81	106	P	P	14 42 05.9	+1.5
WBSI	Waikabubak	32.55	127	P	P	14 42 07.7	-3.1
KBL	Kabul	32.81	321	eP	P	14 42 12.4	-0.8
KBL	Kabul	32.81	321	eP	P	14 42 12.4	-0.8
KBL				pmax	pmax		
KSH	Kashi	32.92	335	P	P	14 42 13.0	-1.0
KSH				pP	pP	14 42 21.2	-4.0
KSH				sP	sP	14 42 31.2	+1.2
KSH				PP	PnPn	14 43 24.7	+0.8
KSH				S	S	14 47 24.4	-4.9
KSH				Ss	SsSn	14 49 26.4	-2.7
KSH	comp=Z,52nm,0.8s			pmax	pmax		
KSH	comp=Z,240nm,3.8s						
KSH	comp=Z,470nm,10.2s			LR	LR		
KSH	comp=Z,1µm,16.8s			LR	LR		
TIA	Tai'an	33.41	36	P	P	14 42 17.8	-0.3
TIA				S	S	14 47 41.8	+5.1
TIA	comp=Z,27nm,1.7s			pmax	pmax		
TIA	comp=Z,430nm,14.2s			LR	LR		
TIA	comp=Z,500nm,12.3s			LR	LR		
TIA	comp=Z,560nm,12.2s			LR	LR		
BTO	Baotou	33.42	23	eP	P	14 42 16.6	-1.7
WMO	Urumqi	33.66	352	P	P	14 42 21.4	+1.1
WMO				pP	pP	14 42 29.3	-2.1
WMO				sP	sP	14 42 37.3	+1.0
WMO				S	S	14 47 40.8	+0.1
WMO				Ss	Ss	14 47 53.7	-5.4
WMO	comp=Z,130nm,1.3s			pmax	pmax		
WMO	comp=Z,560nm,3.7s						
WMO	comp=Z,1µm,20.1s			LR	LR		
WMO	comp=Z,1µm,18.3s			LR	LR		
WMO	comp=Z,2µm,25.9s			LR	LR		
EDFI	Ende, Flores	33.88	123	P	P	14 42 20.4	-2.2
HHC	Hu-ho-hao-te	34.24	25	eP	P	14 42 24.8	-0.6
HHC				S	S	14 47 48.2	-1.5
HHC	comp=Z,24nm,0.8s			pmax	pmax		
HHC	comp=Z,180nm,5.6s						
HHC	comp=Z,460nm,11.6s			LR	LR		
HHC	comp=Z,790nm,12.2s			LR	LR		
HHC	comp=Z,730nm,15.6s			LR	LR		
MMRI	Maumere	34.28	122	P	P	14 42 24.1	-1.8
MMRI	Maumere	34.28	122	eP	P	14 42 23.9	-2.0
SFK	Sufi-Kurgan	34.42	332	P	P	14 42 27.7	+0.6
NRN	Naryn	34.53	336	eP	P	14 42 28.1	-0.1
NRN	Naryn	34.53	336	eP	P	14 42 28.1	-0.1
NRN				pmax	pmax		
PRZ	Przheval'sk	34.58	340	eP	P	14 42 29.2	+0.8
PRZ	Przheval'sk	34.58	340	eP	P	14 42 29.2	+0.8
PRZ				pmax	pmax		
PDGK	Podgornoye	34.99	342	P	P	14 42 31.6	-0.3
ULHL	Ulahol	35.13	337	P	P	14 42 33.3	+0.1
KZA	Kyzart	35.38	336	P	P	14 42 36.7	+1.2
BJT	Baijiatuu	35.67	30	eP	P	14 42 37.6	0.0
BJT	Baijiatuu	35.67	30	eP	P	14 42 37.7	0.0
BJT				pmax	pmax		
BJI	Beijing	35.70	30	P	P	14 42 38.1	+0.3
BJI				S	S	14 48 12.8	+1.0
BJI	comp=Z,31nm,1.2s			pmax	pmax		
BJI	comp=Z,580nm,15.2s			LR	LR		
BJI	comp=Z,830nm,18.5s			LR	LR		
TKM2	Tokmak 2	35.96	337	P	P	14 42 40.7	+0.4
TKM2	Tokmak 2	35.96	337	P	P	14 42 40.2	-0.1
KBK	Karagaybulak	35.98	336	P	P	14 42 41.8	+1.3
AML	Almayashu	36.06	335	P	P	14 42 42.1	+0.8
AAK	Ala-Archa	36.15	336	P	P	14 42 43.1	+1.2
AAK	Ala-Archa	36.15	336	eP	P	14 42 42.7	+0.8
AAK	Ala-Archa	36.15	336	P	P	14 42 43.2	+1.4
AAK	Ala-Archa	36.15	336	/P	P	14 42 42.9	+1.0
AAK	Ala-Archa	36.15	336	/P	P	14 42 42.6	+0.8
FRU	Bishkek	36.27	336	eP	P	14 42 43.0	+0.3
FRU				e	e	14 42 50.0	
FRU				pmax	pmax	14 44 13.0	
BATI	Baumata	36.31	123	P	P	14 42 40.9	-2.5
BATI	Baumata	36.31	123	P	P	14 42 41.1	-2.3
CHMS	Chumysh	36.35	337	P	P		

KDU	Kakadu	44.97 120	P	P	14 43 54.0	-0.9
NVS	Novosibirsk	45.05 352	P	P	14 43 54.6	-0.3
NVS			eS	S	14 50 29.4	-1.6
NVS			eSSS	S	14 54 37.3	
NVS	comp=Z,32nm,1.4s		pmax	pmax		
NVS	comp=N,14nm,0.8s		pmax	pmax		
NVS	comp=E,9.0nm,0.7s		pmax	pmax		
NVS	comp=E,21nm,1.7s		smax	smax		
MDJ	Mudanjiang	46.08 36	P	S	14 43 59.2	-4.0
MDJ			S	S	14 50 46.9	+0.8
MDJ	comp=E,14nm,1.5s		pmax	pmax		
MDJ	comp=E,160nm,4.2s		LR	LR		
MDJ	comp=E,430nm,10.5s		LR	LR		
MDJ	comp=E,240nm,11.5s		LR	LR		
BVA0	Borovoye Array	46.40 341	P	P	14 44 04.5	-1.2
BVA0			pmax	pmax		
BRVK	Borovoye	46.46 341	eP	P	14 44 05.2	-0.9
BRVK	Borovoye	46.46 341	P	P	14 44 06.0	-0.1
BRVK	Borovoye	46.46 341	d/P	pmax	14 44 05.6	-0.5
BRVK			pmax	pmax		
USA0B	Ussuriysk Arra	47.24 38	eP	P	14 44 11.7	-0.7
USRK	Ussuriysk Arr	47.24 38	P	P	14 44 11.6	-0.8
USRK	comp=Z,5.1nm,0.8s,baz=252,slow=5.4,SNR=12		LR	LR	15 05 57.9	
AB31	Akbulak array	47.73 331	P	P	14 44 16.3	+0.3
AB31			pmax	pmax		
ABKAR	Akbulak array	47.73 331	eP	P	14 44 16.4	+0.3
MJB9	Matsuyama	47.94 50	eP	P	14 44 16.9	-1.1
MAJO	Matsushiro	47.95 50	eP	P	14 44 16.9	-1.1
MAJO	Matsushiro	47.95 50	eP	P	14 44 16.9	-1.1
MAJO			pmax	pmax		
MAT	Matsushiro	47.95 50	P	P	14 44 17.4	-0.6
MAT			S	S	14 51 12.8	-0.2
MJAR	Matsushiro Arr	47.95 50	P	P	14 44 17.3	-0.7
MJAR	comp=Z,8.1nm,0.9s,baz=241,slow=8.2,SNR=20		LR	LR	14 45 45.7	-0.2
MJAR	comp=Z,5.2nm,1.0s,baz=249,slow=6.3,SNR=5.0		LR	LR	15 06 28.0	
WRKA	Warakuna	48.90 137	P	P	14 44 24.8	-0.7
WRKA	comp=Z,114nm,18.9s,baz=260,slow=39		LR	LR	14 44 24.8	-0.7
AKTO	Aktyubinsk	49.44 331	P	P	14 44 28.5	-0.7
AKTO			pmax	pmax		
BOD	Bodaibo	49.84 14	eP	P	14 44 30.4	-1.7
BOD			e	e	14 44 37.9	
BOD			e	e	14 44 44.8	
BOD			pmax	pmax		
KLR	Kul'dur	50.03 32	P	P	14 44 32.9	-0.9
KLR	Kul'dur	50.03 32	P	P	14 44 33.7	-0.1
WRA	Warrungarra Arr	50.24 127	P	P	14 44 34.9	-0.9
WRA	comp=Z,6.6nm,0.8s,baz=306,slow=8.5,SNR=7.7		P	P	14 45 54.1	-0.4
WRA	comp=Z,3.6nm,0.9s,baz=318,slow=4.9,SNR=2.9		P	P	14 51 42.4	-3.3
WRA	comp=Z,3.3nm,1.2s,baz=304,slow=15,SNR=4.1		LR	LR	15 06 46.9	
WRA	comp=Z,295nm,21.6s,baz=290,slow=37		LR	LR	14 44 35.3	-0.6
WB2	Warrungarra Arr	50.25 127	P	P	14 44 39.6	-0.6
ZEA	Zeya	50.91 25	eP	P	14 44 39.6	-0.6
ZEA			pmax	pmax		
SARN	Sarigan	51.06 77	eP	P	14 44 41.7	-0.4
AS31	Alice Springs	52.02 131	eP	P	14 44 48.0	-1.1
ASAR	Alice Springs	52.02 131	P	P	14 44 47.6	-1.5
ASAR	comp=Z,19nm,0.7s,baz=307,slow=6.7,SNR=213		P	P	14 46 01.1	0.0
ASAR	comp=Z,2.7nm,0.8s,baz=312,slow=5.7,SNR=4.3		P	P	14 49 53.4	-1.6
ASAR	comp=Z,0.6nm,0.9s,baz=316,slow=5.2,SNR=2.7		LR	LR	15 07 49.8	
ASAR	comp=Z,267nm,20.9s,baz=317,slow=37		LR	LR	14 44 47.9	-1.4
AS01	Alice Springs	52.05 131	eP	P	14 44 51.5	+0.7
GNI	Garni	52.25 313	P	P	14 44 53.6	+2.8
GNI	comp=Z,72nm,1.1s		P	P	14 44 52.0	+1.2
GNI	SNR=9.3		P	P	14 44 51.5	+0.7
GNI			pmax	pmax		
GROG	Groznyy	52.67 317	eP	P	14 44 54.6	+1.0
GROG			eS	S	14 46 03.2	
GROG			pmax	pmax	14 52 18.3	-0.2
FOR	Forrest	52.70 142	eP	P	14 44 52.9	-1.0
TBLG	Delisi	52.83 315	eP	P	14 44 56.1	+1.3
TBLG	Delisi	52.83 315	eP	P	14 44 56.1	+1.3
TBLG			pmax	pmax		
SVE	Sverdlovsk	52.83 338	c/P	pmax	14 44 54.6	+0.1
SVE			pmax	pmax		
SVE	comp=Z,61nm,1.3s		MLR	MLR		
ARU	Arti	53.33 337	eP	P	14 44 58.1	-0.1
ARU	Arti	53.33 337	d/P	P	14 44 58.4	+0.2
ARU			S	S	14 46 05.0	
ARU			SS	SS	14 52 28.9	+1.9
ARU			pmax	pmax	14 56 05.8	-1.4
ARU	comp=Z,39nm,1.3s		MLR	MLR		
GRNR	Gornyy	53.38 33	eP	P	14 44 59.1	+0.3
AKH	Akhalkalaki	53.58 314	P	P	14 45 03.2	+2.6
AKH	Akhalkalaki	53.58 314	eP	P	14 45 01.8	+1.2
AKH	Akhalkalaki	53.58 314	eP	P	14 45 01.8	+1.2
ZEI	Tsey	53.79 316	eP	P	14 45 02.9	+0.8
ZEI			pmax	pmax		
ASAJ	Asahikawa	53.92 42	P	P	14 45 03.3	+0.5
ASAJ	Asahikawa	53.92 42	eP	P	14 45 03.1	+0.3
ABPO	Ambonippanom	54.21 237	eP	P	14 45 08.0	+2.5
ABPO	Ambonippanom	54.21 237	eP	P	14 45 08.0	+2.5
NCK	Nalchik	54.26 317	P	P	14 45 05.8	+0.5
NCK			pmax	pmax		
NEY	Neytrino	54.77 316	P	P	14 45 11.4	+2.2
NEY			pmax	pmax		
QIS	Mount Isa	54.78 124	P	P	14 45 09.2	-0.1
KBZ	Khabaz	54.82 317	P	P	14 45 10.4	+1.1
KBZ	comp=Z,16nm,1.0s,baz=126,slow=7.5,SNR=18		P	P	14 45 10.1	-1.2
KBZ	comp=Z,5.7nm,0.9s,baz=106,slow=5.9,SNR=1.5		LR	LR	15 12 33.4	
KBZ	comp=Z,156nm,21.0s,baz=107,slow=40					

COEN	Coen	54.88 115	P	P	14 45 07.6	-2.6
COEN	comp=Z,55,SNR=8.3		eP	P	14 45 09.5	-0.7
KIV	Kislovodsk	55.05 317	eP	P	14 45 12.0	+0.9
KIV	Kislovodsk	55.05 317	P	P	14 45 12.8	+1.7
KIV	Kislovodsk	55.05 317	P	P	14 45 12.5	+1.4
KIV	Kislovodsk	55.05 317	eP	P	14 45 12.2	+1.1
KIV	Kislovodsk	55.05 317	eS	S	14 52 51.7	+0.9
KIV			pmax	pmax		
KIV	comp=Z,88nm,1.1s		pmax	pmax		
KIV	comp=Z,27nm,3.0s		MLR	MLR		
KIV	comp=Z,143nm,17.0s		MLR	MLR		
YSS	Yuzh-Sakhalins	55.18 39	eP	P	14 45 11.4	-0.4
YSS	Yuzh-Sakhalins	55.18 39	eP	P	14 45 09.0	-2.8
YSS			e	e	14 45 16.7	
YSS			e/SP	pP	14 45 24.3	+0.7
YSS			eS	pmax	14 52 46.0	-6.3
YSS	comp=Z,60nm,0.8s		smax	smax		
YSS	comp=E,2um,10.0s		MLR	MLR		
GOF	Gofitskoye	55.22 318	eP	P	14 45 13.5	+1.3
PMG	Port Moresby	56.88 108	eP	P	14 45 24.3	-0.2
PMG	Port Moresby	56.88 108	eP	P	14 45 24.3	-0.2
PMG			pmax	pmax		
NKL	Nikolayevsk	56.88 32	eP	P	14 45 23.0	-0.9
NKL			pmax	pmax		
NKL	comp=E,16nm,1.0s		pmax	pmax		
NKL	comp=Z,43nm,1.0s		MLR	MLR		
NKL	comp=E,600nm,14.0s		MLR	MLR		
KMBO	Kilima Jimbo	57.14 262	P	P	14 45 30.6	+3.8
MTSU	Mount Suroy	57.60 119	P	P	14 45 27.6	-2.0
VRH	Novokhopovsk	58.51 325	eP	P	14 45 35.3	-0.1
VRH			eS	S	14 53 35.5	-0.6
VRH			pmax	pmax		
VRH	comp=Z,60nm,0.7s		smax	smax		
NRIK	Noril'sk	58.99 358	P	P	14 45 37.8	-0.6
NRIK	comp=Z,9.5nm,0.7s,baz=151,slow=24,SNR=13		LR	LR	15 14 10.1	
NRIK	comp=E,252nm,20.0s,baz=246,slow=39		LR	LR	14 45 39.4	-0.4
BBOO	Bucklebo	59.10 138	eP	P	14 45 38.9	-0.8
BBOO	Bucklebo	59.10 138	eP	P	14 45 38.9	-0.8
VORD	Divnogorie	59.82 324	eP	P	14 45 43.8	-0.6
VORD			pmax	pmax		
VSR	Storozhevo	59.99 324	eP	P	14 45 44.6	-1.0
VSR			eS	S	14 53 53.1	-2.1
VSR			pmax	pmax		
VSR	comp=Z,30nm,0.9s		smax	smax		
CTAO	Charters Tower	60.09 120	eP	P	14 45 46.9	+0.1
CTAO	comp=E,62nm,1.1s		P	P	14 45 46.9	+0.1
CTAO	Charters Tower	60.09 120	eP	P	14 45 46.9	+0.1
BR131	Keakin Array S	60.33 310	eP	P	14 45 47.5	-0.8
BRTR	Keakin Array B	60.33 310	eP	P	14 45 47.6	-0.8
BRTR	comp=Z,9.5nm,0.8s,baz=122,slow=7.4,SNR=39		P	P	14 46 34.0	+0.7
BRTR	comp=Z,4.5nm,0.9s,baz=108,slow=3.6,SNR=26.6		P	P	14 50 33.3	+1.8
BRTR	comp=Z,0.3nm,0.4s,baz=102,slow=3.5,SNR=36.6		LR	LR	15 16 37.3	
BRTR	comp=Z,87nm,18.5s,baz=91,slow=41		P	P	14 45 47.7	-0.7
BRTR	Keakin Array B	60.33 310	c/P	pmax		
ILGA	Ilgaz	60.55 311	eP	P	14 45 50.0	+0.1
LPSR	Galich'ya Gora	60.66 325	eP	P	14 45 49.8	-0.4
LPSR	comp=Z,23nm,1.1s		eS	S	14 54 02.8	-1.0
LPSR	comp=Z,30nm,0.9s		smax	smax		
LPSR	comp=E,120nm,2.2s		smax	smax		
SIM	Simferopol'	61.19 316	eP	P	14 45 54.3	+0.4
HTT	Hallett	61.37 137	P	P	14 45 55.6	+0.2
QLP	Quilipi	61.45 128	P	P	14 45 56.6	+0.7
PRGR	Pernogorie	61.78 336	eP	P	14 45 55.1	-2.5
PRGR			e/PP	pP	14 46 05.5	-4.0
PRGR			eS	S	14 54 16.4	-1.3
PRGR			pmax	pmax		
STKA	Stevens Creek	62.30 134	P	P	14 46 00.6	-1.0
STKA	comp=Z,36nm,0.9s		LR	LR	15 13 59.5	
STKA	comp=Z,224nm,20.5s,baz=298,slow=37		LR	LR	14 46 01.2	-0.4
STKA	Stevens Creek	62.30 134	eP	P	14 46 01.2	-0.4
STKA	Stevens Creek	62.30 134	eP	P	14 46 01.2	-0.4
STKA	Stevens Creek	62.30 134	eP	P	14 46 01.2	-0.4
MOS	Moscow	62.61 328	eP	P	14 46 02.4	-0.8
MOS			e	e	14 46 36.1	
MOS			pmax	pmax		
OBN	Obninsk	62.92 327	d/P	P	14 46 05.0	-0.3
OBN			e/SP	pP	14 46 17.3	+0.1
OBN			e	S	14 54 38.1	+5.9
OBN			e	S	14 55 51.8	
OBN			pmax	pmax		
OBN	comp=Z,103nm,1.7s		MLR	MLR		
OBN	comp=Z,301nm,24.0s		MLR	MLR		
MBAR	Mbarara	63.39 264	eP	P	14 46 09.9	+0.5
MBAR	Mbarara	63.39 264	eP	P	14 46 09.9	+0.5
MBAR			pmax	pmax		
PATS	Pohnpei	64.06 87	P	P	14 46 06.2	-7.5
PATS	Pohnpei	64.06 87	eP	P	14 46 13.4	-0.2
SKR	Selver-Kuril's	64.74 39	eP	P	14 46 16.3	-1.1
SKR			eS	S	14 55 13.2	+1.8
SKR	comp=Z,100nm,13.1s		MLR	MLR		
MA2	Magadan	64.81 28	eP	P	14 46 16.8	-1.0
MA2	Magadan	64.81 28	P	P	14 46 16.7	-1.0
MA2			pmax	pmax		
MA2	comp=Z,23nm,1.1s		MLR	MLR		
TLCR	Tirgusor	64.90 315	P	P	14 46 18.2	-0.3
TLCR	Cobar Meteorol	65.06 132	P	P	14 46 19.8	+0.3
TLCR	comp=Z,69,SNR=11		P	P		

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like JAVC, BLY, MORC, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like DAVOX, KBS, KXS, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like ILAR, Dimbokro, B05A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Chiawan, Nan Shan, Hehuan Shan, Tachien, etc.

IDC 10 15:12:35.2-0.7, 10.35N:126.78E, h0km, mb3.9/12, mb1.4/1.12, mb1mx3.8/4.5, mbtmp3.9/12, Error ellipse: s-maj=42.5km s-min=14.7km az=82.0

ISCJB 10 15:12:36.1-0.5, 10.30N:107.126E, h20km, mb4.0/13, Error ellipse: s-maj=26.0km s-min=9.2km az=167.7

NEIC 10 15:12:40.0-0.3, 10.30N:126.75E, h35km, mb4.3/4, Error ellipse: s-maj=17.3km s-min=6.4km az=79.0

ISC 10 15:12:38.1-0.7, 10.3N:101.126E, h20km, n25, o574/25, mb3.9/13, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Baumata, Fitzroy Crossi, Warramunga Arr, etc.

IDC 10 15:14:00.1-3.2, 22.59S:171.68E, h0km, mb4.0/4, mb1.4/2.5, mb1mx3.8/2.9, mbtmp4.0/5, ML2.5/1, Error ellipse: s-maj=113.1km s-min=53.2km az=173.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Mont Dzumac, Alice Springs, Warramunga Arr, etc.

ISK 10 15:14:06.3, 40.08N:32.38E, h13km, ML1.5/3 DDA 10 15:14:06.8, 39.90N:32.39E, h7km, ML2.5 ISCJB 10 15:14:07.8-0.6, 39.95N:0.04-32.34E, h8km, Error ellipse: s-maj=6.1km s-min=5.0km az=1.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Lodumlu, Ankara, Camiudere-ANKA, etc.

IDC 10 15:14:44.6-27.0, 21.15S:171.29W, h0km, mb4.1/4, mb1.4/2.4, mb1mx3.7/32, mbtmp4.1/4, Error ellipse: s-maj=502.6km s-min=167.7km az=74.0, Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Charters Tower, Stephens Creek, Alice Springs, etc.

ISN 10 15:29:35.2-0.8, 37.03N:42.68E, h1km, mb2.3km, ML2.8 ISC 10 15:29:34.7, 37.14N:42.61E, h6km, ML2.8/5, Turkey region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Sirtak, Guroyamak-BITLI, Silvan-Diyarba, etc.

IDC 10 15:31:46.5-1.1, 9.34N:84.94W, h0km, mb3.6/5, mb1.4/0.6, mb1mx3.8/37, mbtmp3.7/6, ML3.4/1, MS3.6/4, Ms1 3.6/4, ms1mx3.0/28, Error ellipse: s-maj=38.1km s-min=17.3km az=79.0

ISCJB 10 15:31:48.4-1.0, 9.4N:0.1-85.0W, h21km, mb3.5/5, MS3.6/3, Error ellipse: s-maj=25.5km s-min=15.1km az=161.3

ISC 10 15:31:50.0-1.0, 9.5N:0.1-84.9W, h21km, n14, o578/10, mb3.5/5, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Abangare, Atahualpa, Puro La Cruz, etc.

THR 10 15:35:44.9-0.4, 31.44N:59.26E, h18km, 8km, ML3.7 ISCJB 10 15:35:45.0-0.7, 31.58N:0.04-59.31E, h10km, Error ellipse: s-maj=9.6km s-min=5.1km az=23.7

TEH 10 15:35:45.2, 31.56N:59.34E, h13km, ML3.9 ISC 10 15:35:45.0-1.1, 31.52N:0.04-59.34E, h10km, n24, o1522/24, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Kooshah, Warramunga Arr, Tejag, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Kerman, Parvadeh(Tabas), Koh Gabri, etc.

comp=N,0.0nm,0.5s 2.70 236 ePn Pn 15 36 28.3 +0.4 15 37 12.5 IAML 15 37 14.8 2.70 236 ePn Pn 15 36 28.3 +0.4 15 37 23.0 IAML 2.71 246 ePn Pn 15 36 30.9 +2.1 15 37 08.9 IAML 2.81 319 ePn Pn 15 36 31.0 +0.9 15 37 20.7 IAML 2.84 319 ePn Pn 15 36 31.3 +0.9 15 36 34.2 +2.3 IAML 2.92 231 ePn Pn 15 37 15.2 IAML 2.84 319 ePn Pn 15 36 31.3 +0.9 15 37 15.2 IAML 2.84 319 ePn Pn 15 36 31.3 +0.9 15 37 15.2 IAML 2.92 231 ePn Pn 15 37 15.2 IAML

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

ISCJB 10 15:44:41.6-0.3, 33.27N:0.01x:115.72W, h0km, 2.8km, Error ellipse: s-maj=2.8km s-min=2.2km az=135.3 NEIC 10 15:44:42.7-0.0, 33.28N:115.71W, h3km, ML2.9(PAS), After PAS.

NEIC Felt at Descanso and Rancho Mirage. ECX 10 15:44:44.1-0.7, 33.25N:115.77W, h8km, ML2.9, ML3.3 ISC 10 15:44:41.2-1.2, 33.26N:0.02x:115.75W, h0km, 11km, n73, o120/93, 3C-70, Southern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Sam W. Stewart, Cook Ranch, etc.

ISCJB 10 15:44:41.6-0.3, 33.27N:0.01x:115.72W, h0km, 2.8km, Error ellipse: s-maj=2.8km s-min=2.2km az=135.3 NEIC 10 15:44:42.7-0.0, 33.28N:115.71W, h3km, ML2.9(PAS), After PAS.

NEIC Felt at Descanso and Rancho Mirage. ECX 10 15:44:44.1-0.7, 33.25N:115.77W, h8km, ML2.9, ML3.3 ISC 10 15:44:41.2-1.2, 33.26N:0.02x:115.75W, h0km, 11km, n73, o120/93, 3C-70, Southern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Westside Schoo, Ernie Place, Yuh Desert, etc.

ISCJB 10 15:44:41.6-0.3, 33.27N:0.01x:115.72W, h0km, 2.8km, Error ellipse: s-maj=2.8km s-min=2.2km az=135.3 NEIC 10 15:44:42.7-0.0, 33.28N:115.71W, h3km, ML2.9(PAS), After PAS.

NEIC Felt at Descanso and Rancho Mirage. ECX 10 15:44:44.1-0.7, 33.25N:115.77W, h8km, ML2.9, ML3.3 ISC 10 15:44:41.2-1.2, 33.26N:0.02x:115.75W, h0km, 11km, n73, o120/93, 3C-70, Southern California

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

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like GRPR, NEM2, JRA, JNK, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like EKS2, AML, KKN, PKIN, DMN, GKN, MNAS, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like MOA, SOKA, KBA, KBA, OBKA, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BLA Blacksburg, PTGA Pitinga, SADO Sadow, ATAH Atahualpa, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BESP Borongan, PLP Palo, MNSL Maasin, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like 146A Union, 149A Jones, 147A Livingston, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like 543A Fulton Ridge, 544A Carbondale, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BESP Borongan, BESP BESP, PLP Palo.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRSC 2012-27-29, KRSC 2012-27-29.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SPN Mys Shipungui, GNL Ganaly, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like ENH, XAN, LZH, JOW, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRAR, RASCA, VOIR, BURAR, etc.

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like YUK, YUZH, YUK, YUK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Malin Array Be, Bozen (W), Kaisererville, etc.

ADC 10 23:19:59.1±1.4, 15.73°N:95.17°W, h0km, mb3.9/6, mb1 4.1/9, mb1mx3.8/37, mbtmp4.0/9, ML4.1/3, MS3.0/3, Ms1 3.0/3, ms1mx2.6/32, Error ellipse: s-maj=32.5km s-min=15.4km az=51.0

MEX 10 23:20:01.0±0.5, 15.51°N:95.32°W, h16km, MD4.1 NEIC 10 23:20:01.0±0.0, 15.51°N:95.31°W, h16km, mb3.8/4, MD4.1(MEX), After MEX.

ISC 10 23:19:58.6±1.5, 15.95°N:0.06°E, h5km, 11km, n88, r149/37, mb3.9/7, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HUIG Huatulco, Matias Romero, Vista Hermosa, etc.

DJA 10 23:27:17.4±0.8, 11°S:10°11'4E, h64km, 72km, M3.5/8, ML3.5/8, South of Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JAGI Jajag, Banyuwa, IGBI Denpasar, etc.

ADC 10 23:33:39.6±1.9, 10°10'N:62°50'W, h0km, mb3.7/6, mb1 4.0/6, mb1mx3.7/27, mbtmp3.7/6, Error ellipse: s-maj=47.2km s-min=28.0km az=4.0

ISCJB 10 23:33:54.0±0.7, 10.89°N:0.03°E, h20km, 111km, 6km, mb3.6/6, Error ellipse: s-maj=13.3km s-min=5.0km az=173.9

TRN 10 23:33:55.7, 10°82'N:62°25'W, h91km, MD4.1 TRN Felt in parts of North-West Trinidad, MMI III.

NEIC 10 23:33:56.1±0.0, 10.83°N:62°17'W, h90km, MD4.0(TRN), MW3.7(CAR), After CAR.

ISC 10 23:33:54.9±0.9, 10.84°N:0.04°E, h100km, 8km, n54, r155/88, mb3.7/6, 1C-1D, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TRN Trinidad (W), PTPA Pitinga, BDFB Brasilia, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TPR Sauteurs, GRHS Sauteurs, GRSS Sisters, etc.

DJA 10 23:57:31.1±0.7, 11°S:5°11'4E, h10km, M3.6/7, ML3.6/7, South of Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JAGI Jajag, Banyuwa, GMJI Gumukmas, etc.

LDG 11 00:02:12.1±0.1, 47.98°N:6.39°E, h2km, Md0.9/1, MI1.1/5, Error ellipse: s-maj=2.1km s-min=1.6km az=16.0, France

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HAU Haudompre, HINF Hinterfeld, CDF Champ du Feu, etc.

LDG 11 00:02:16.7±0.1, 47.98°N:6.40°E, h2km, Md1.7/2, MI1.6/6, Error ellipse: s-maj=2.2km s-min=1.8km az=177.0, France

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HAU Haudompre, HINF Hinterfeld, CDF Champ du Feu, etc.

LOR 0.9nm, 0.2s eSg Sb 00 03 14.9 -0.2

SSF Saint Saulege 2.17 246 eSg Sb 00 03 24.1 +0.2

SMF Signal de Mont 2.19 233 ePg Pb 00 02 57.8 +0.7

WEL 11 00:02:20.6, 38°S:8°18'0E, h33km, ML3.6/17, Off east coast of North Island

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

MEX 11 00:21:36.8±0.6, 16°32'N:98°46'W, h5km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PNI Pinotepa, PNI, TLG Tlapa, etc.

WEL 11 00:29:51.9±36.1, 17°8'E, h256km, 11km ISCJB 11 00:29:53.5±1.0, 36°09'S:178°0E, 0.1, h261km, 7km, mb3.5/2, Error ellipse: s-maj=17.3km s-min=13.1km az=145.1

ADC 11 00:29:53.4±3.2, 36°27'S:178°19'E, h260km, 34km, mb3.4/2, mb1 3.8/4, mb1mx3.3/21, mbtmp4.2/4, Error ellipse: s-maj=69.8km s-min=36.0km az=1.0

ISC 11 00:29:54.1±1.1, 36°17'S:0°08'17.77'E, 0.0, h264km, 7km, n88, r127/88, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, WMGZ Waioamatatini S, etc.

URZ 99nm, 0.3s, baz=246, slow=19, SNR=29

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ, MRZ Matawai, KARZ Kaharoa, etc.

GYA0B	ALIBECK ARRAY	66.32 300	eP	P	01 39 06.4 +0.5
FURC	Furnace Creek, baz=310,SNR=7.2	66.38 62	P	P	01 39 07.0 +0.8
OSI	Osito Audit: C baz=310	66.39 64	P	P	01 39 07.5 +1.0
VRH	Novokhoporsky	66.39 320	eS	P	01 39 04.0 -2.1
VRH			eS	pmx	01 47 48.7 -4.9
VRH	comp=Z,80nm,0.8s			smx	
VRH	comp=N,90nm,1.2s			MLR	MLR
DUG	Dugway, Tocolet baz=310,SNR=5.1	66.45 56	eP	P	01 39 09.1 +2.2
DUG	Dugway, Tocolet baz=310,SNR=5.1	66.45 56	eP	P	01 39 09.1 +2.2
DUG	Dugway, Tocolet baz=310,SNR=5.1	66.45 56	eP	P	01 39 07.7 +0.8
TPNV	Topopah Spring	66.45 61	eP	P	01 39 08.1 +1.1
TPNV	Topopah Spring	66.45 61	eP	P	01 39 08.1 +1.1
TPNV	Topopah Spring	66.45 61	eP	P	01 39 07.2 +0.2
BLV	Laguna Peak, P baz=310	66.49 65	P	P	01 39 07.4 +0.3
LRMC	Laurel Mtn Rad baz=310	66.49 63	P	P	01 39 07.1 -0.1
LPSR	Galich'ya Gora	66.66 322	eS	P	01 39 06.1 -1.7
LPSR			eS	S	01 47 52.3 -4.6
LPSR	comp=Z,140nm,1.5s			pmx	pmx
LPSR	comp=Z,80nm,1.0s			smx	smx
LPSR	comp=E,110nm,2.2s			MLR	MLR
LPSR	comp=Z,14um,19.0s			MLR	MLR
BW06	Boulder Array	66.66 52	eP	P	01 39 08.7 +0.4
BW06	Boulder Array	66.66 52	eP	P	01 39 08.7 +0.4
BW06	Boulder Array	66.66 52	eP	P	01 39 08.4 +0.1
PD31	Pinedale Array	66.66 52	eP	P	01 39 09.6 +1.3
PDAR	Pinedale Array	66.66 52	eP	P	01 39 08.6 +0.3
PDAR	comp=Z,5.9nm,1.1s,baz=323,slow=2.2,SNR=14 PK2Pc				02 07 41.5
PDAR	comp=Z,0.5nm,0.7s,baz=108,slow=3.8,SNR=3.7				02 08 47.7
PDAR	comp=Z,749nm,19.4s,baz=348,slow=36				
PDAR	Pinedale Arr	66.66 52	eP	P	01 39 08.3 0.0
W82	Warramunga Arr	66.66 197	eP	P	01 39 09.5 +1.4
WR1	Warramunga Arr	66.67 197	eP	P	01 39 08.2 +0.1
WRA	Warramunga Arr	66.67 197	eP	P	01 39 08.2 +0.1
WRA	comp=Z,6.1nm,0.9s,baz=15,slow=6.7,SNR=26			LR	02 06 43.6
WRA	comp=Z,895nm,22.0s,baz=10.0,slow=34				02 07 43.0
WRA	comp=Z,3.7nm,1.3s,baz=190,slow=2.2,SNR=4.8				
TCUT	Toone Canyon	66.67 55	eP	P	01 39 11.2 +2.8
EDW2	Edwards Air Fo baz=310,SNR=6.4	66.68 64	P	P	01 39 07.5 -0.8
SNCC	San Nicolas Is baz=310	66.74 66	P	P	01 39 07.5 -1.1
DECC	Green Verdugo baz=310	66.86 64	P	P	01 39 09.0 -0.5
SFJD	Kangerlussuaq	66.87 9	eP	P	01 39 09.4 +0.5
SFJD	comp=Z,72nm,1.2s			LR	LR
SFJD	comp=Z,3um,20.0s			LR	LR
SFJD	Kangerlussuaq	66.87 9	iP	P	01 39 08.9 0.0
SFJD	comp=Z,43nm,1.1s			pmx	pmx
SFJD	Kangerlussuaq	66.87 9	iP	P	01 39 08.9 0.0
SFJD	comp=Z,43nm,1.1s			MLR	MLR
SFJD	comp=Z,3um,16.0s			MLR	MLR
PSUT	Pine Spring	66.90 58	eP	P	01 39 11.8 +1.9
JLU	Jordanale	66.98 55	eP	P	01 39 15.5 +1.1
VSU	Vasula	67.00 332	eP	P	01 39 07.3 -2.5
VSU	comp=Z,191nm,1.1s			MLR	MLR
NLU	North Lily Min	67.04 56	eP	P	01 39 12.7 +2.0
MWC	Mount Wilson	67.06 64	eP	P	01 39 16.4 +5.5
MWC	Shoshone, Teco baz=310	67.11 62	P	P	01 39 11.9 +1.0
GSC	Goldstone, Bar	67.16 63	eP	P	01 39 16.2 +4.8
GSC	Goldstone, Bar	67.16 63	eP	P	01 39 16.2 +4.8
GSC	Goldstone, Bar	67.16 63	eP	P	01 39 10.8 -0.6
VORR	Voronezh	67.19 321	P	P	01 39 08.0 -3.2
VORR	comp=Z,250nm,1.4s			pmx	pmx
FITZ	Fitzroy Crossi	67.21 207	eP	P	01 39 12.7 +1.1
FMP	Fort Macarthur baz=310	67.23 65	P	P	01 39 12.2 +0.4
MPU	Maple Canyon	67.26 56	eP	P	01 39 14.3 +2.2
BFSC	Mount Baldy Ra baz=310	67.30 64	P	P	01 39 13.0 +0.7
RRX	Edison Barstow	67.31 63	P	P	01 39 12.0 -0.2
CIS	Catalina Islan	67.36 65	P	P	01 39 11.7 -0.9
SHRP	Sheep Range	67.41 61	eP	P	01 39 13.6 +0.5
VSR	Storozhevoye	67.53 321	eP	P	01 39 11.7 -1.6
VSR			eS	S	01 48 07.3 -3.8
VSR	comp=Z,90nm,1.0s			pmx	pmx
VSR	comp=E,140nm,3.5s			smx	smx
VSR	comp=Z,8um,17.0s			MLR	MLR
MDRS	Chennai	67.53 266	eP	P	01 39 14.2 +0.4
TBLU	Trondheim	67.54 342	eP	P	01 39 11.5 -1.7
TUQ	Turquoise Moun	67.62 62	P	P	01 39 13.7 -0.7
VORD	Divnogorie	67.65 321	eP	P	01 39 12.6 -1.5
VORD	comp=Z,90nm,1.1s			MLR	MLR
VORD	comp=Z,21um,24.0s			MLR	MLR
AFI	Afiatalu	67.67 141	LR	LR	02 04 43.2
AFI	Afiatalu	67.67 141	LR	LR	01 39 30.0 +15
AFI	Afiatalu	67.67 141	LR	LR	
BBRC	Big Bear Solar	67.75 63	P	P	01 39 13.6 -1.8
HEC	Hector,Ludlow baz=311,SNR=7.5	67.76 63	P	P	01 39 15.6 +0.4
CCUT	Cedar City	67.83 59	eP	P	01 39 16.6 +0.8
MSU	Marysvale	67.91 57	eP	P	01 39 18.2 +1.9
MSU	Marysvale	67.91 57	eP	P	01 39 18.2 +1.9
SZCU	Shurtz Canyon	67.97 59	eP	P	01 39 21.9 +5.2
TMUT	Trail Mountain	67.97 56	eP	P	01 39 18.9 +2.1
MURC	Murrieta	68.01 64	P	P	01 39 17.0 +0.3
BHJ	Bhuj	68.18 281	eP	P	01 39 18.6 +0.8
GMRC	Granite Mounta	68.21 62	P	P	01 39 17.9 -0.2
MTPU	Mount Pierson	68.22 58	eP	P	01 39 20.1 +1.7
LCMT	Little Creek M	68.25 59	eP	P	01 39 19.6 +1.3
P18A	Preston Nutter	68.32 55	eP	P	01 39 20.9 +1.9

POO	Poona	68.36 275	eP	P	01 39 19.1 -0.1
POO			IAMS_20	IAMS_20	02 12 04.8
DZM	Mont Dumac, baz=288nm,1.4s	68.36 165	eP	P	01 39 19.4 +0.5
DZM	Mont Dumac, baz=288nm,1.4s	68.36 165	eLR	LR	02 00 00.4
DZM	Mont Dumac, baz=288nm,1.4s	68.36 165	LR	LR	02 06 07.6
K22A	Casper	68.42 51	P	P	01 39 20.9 +1.6
K22A	Casper	68.42 51	P	P	01 39 18.7 -0.7
MDND	Maddock	68.45 43	P	P	01 39 17.7 -1.5
FRD	Ford Ranch, An baz=311,SNR=5.5	68.45 64	P	P	01 39 19.3 -0.3
PFO	Pinyon Flats O	68.47 64	eP	P	01 39 20.1 +0.4
PFO	comp=Z,12nm,1.2s			LR	LR
PFO	comp=Z,951nm,20.0s			LR	LR
PFO	Pinyon Flats O	68.47 64	eP	P	01 39 20.1 +0.4
PFO	comp=Z,12nm,1.2s			MLR	MLR
PFO	comp=Z,951nm,20.0s			MLR	MLR
PFO	Pinyon Flats O	68.47 64	P	P	01 39 18.4 -1.4
XPFO	Pizon Flat	68.47 64	eP	P	01 39 20.5 +5.3
XPFO			eP	S	01 39 34.3 +1.2
ULM	Lac du Bonnet	68.50 40	eP	P	01 39 19.5 +0.1
ULM	comp=Z,3.7nm,0.9s,baz=333,slow=7.5,SNR=3.9			LR	LR
ULM	comp=Z,1um,18.7s,baz=334,slow=38			LR	LR
ULM	Lac du Bonnet	68.50 40	eP	P	01 39 22.0 +2.6
SRU	San Rafael Swe	68.50 56	eP	P	01 39 21.3 +1.4
SRU	comp=Z,38nm,1.4s			pmx	pmx
SRU	San Rafael Swe	68.50 56	eP	P	01 39 21.3 +1.4
SRU	comp=Z,38nm,1.4s			pmx	pmx
KNB	Kanab	68.50 59	eP	P	01 39 21.5 +1.5
KNB	Kanab	68.50 59	eP	P	01 39 21.5 +1.5
KNB	Kanab	68.50 59	eP	P	01 39 21.5 +1.5
BELC	Belle Mtn, Jos	68.50 63	P	P	01 39 20.1 +0.1
BELC	comp=Z,46nm,1.4s			pmx	pmx
109C	Camp Elliot, M	68.52 65	eP	P	01 39 19.8 -0.1
RWWY	Rawlins	68.68 52	eP	P	01 39 26.4 +5.3
RWWY	comp=Z,16nm,1.0s			MLR	MLR
MOL	Moide	68.72 343	eP	P	01 39 20.4 -0.3
RSSD	Black Hills	68.77 48	eP	P	01 39 23.6 +2.1
RSSD	comp=Z,37nm,1.1s			MLR	MLR
RSSD	Black Hills	68.77 48	eP	P	01 39 23.6 +2.1
RSSD	Black Hills	68.77 48	eP	P	01 39 21.2 -0.3
RSSD	Black Hills	68.77 48	eP	P	01 39 21.2 -0.3
NEE2	Needles Airpor	68.87 62	P	P	01 39 20.8 -1.3
DOMB	Dombas	68.87 342	eP	P	01 39 21.0 -0.7
BAR	Barrett	68.94 65	eP	P	01 39 27.8 +5.3
IRM	Iron Mountain	68.94 62	eP	P	01 39 22.5 0.0
MONP2	Monument Peak	68.96 64	P	P	01 39 23.0 +0.1
MONP2	comp=Z,311,SNR=5.8			MLR	MLR
NC303	NORSAR Array S	69.07 341	eP	P	01 39 22.3 -0.6
BC3	Big Chuckwall	69.07 63	P	P	01 39 23.1 -0.3
NC405	NORSAR Array S	69.09 340	eP	P	01 39 22.5 -0.5
W13A	Hualapai Mount	69.11 61	eP	P	01 39 23.9 +0.1
MAK	Makhackkala	69.13 310	eS	S	01 39 22.7 -0.8
MAK			eS	S	01 48 27.4 +0.7
MAK	comp=Z,440nm,1.3s			MLR	MLR
MAK	comp=Z,3um,16.0s			MLR	MLR
O20A	White River Ci	69.14 54	eP	P	01 39 25.3 +1.4
O20A	comp=Z,33nm,1.5s			MLR	MLR
O20A	White River Ci	69.14 54	eP	P	01 39 24.1 +0.2
O20A	comp=Z,33nm,1.5s			MLR	MLR
NC204	NORSAR Array S	69.17 341	eP	P	01 39 23.1 -0.5
AKN	Aaknes	69.19 343	eP	P	01 39 24.7 +1.1
U15A	North Rim	69.21 59	eP	P	01 39 25.7 +1.2
U15A	comp=Z,57nm,1.5s			MLR	MLR
NB201	NORSAR Array S	69.24 340	eP	P	01 39 23.5 -0.5
NB2	NORSAR Subarra	69.27 341	eP	P	01 39 23.2 -0.9
NB2	comp=Z,33nm,1.4s,baz=28,slow=6.5			MLR	MLR
NB2	NORSAR Subarra	69.27 341	eP	P	01 39 23.2 -0.9
NB2	comp=Z,28,slow=6.5			MLR	MLR
NB201	NORSAR Array S	69.27 341	eP	P	01 39 22.8 -1.4
NOA	NORSAR Array S	69.27 341	eP	P	01 39 22.8 -1.4
NOA	comp=Z,108nm,0.9s,baz=29,slow=6.3,SNR=190			LR	LR
NOA				LR	LR
NOA	comp=Z,2um,21.6s,baz=25,slow=38			LR	LR
IZAR	Zarasai	69.28 330	eP	P	01 39 23.8 -0.4
IZAR	comp=Z,27nm,0.8s			IAMB	IAMB
ANGG	Ammassalik, Gr	69.29 4	eP	P	01 39 23.2 -0.9
IKP	In-Ko-Pah, Jac baz=311	69.31 64	P	P	01 39 23.4 -1.5
SWSC	Sam W. Stewart	69.32 64	P	P	01 39 25.2 +0.4
SWSC	comp=Z,311			MLR	MLR
NB000	NORSAR Array S	69.38 341	eP	P	01 39 24.6 -0.2
IDID	Didizasial	69.45 330	eP	P	01 39 24.8 -0.4
IDID	comp=Z,42nm,0.9s			IAMB	IAMB
NC602	NORSAR Array S	69.46 340	eP	P	01 39 24.4 -0.9
ISAL	Saikas	69.47 330	eP	P	01 39 24.9 -0.5
ISAL	comp=Z,64nm,1.1s			IAMB	IAMB
PDMCJ	Parker Dam, Lak	69.47 62	P	P	01 39 25.3 -0.5
PDMCJ	comp=Z,312			MLR	MLR
NA001	NORSAR Array S	69.52 341	eP	P	01 39 25.2 -0.4
NA001	NORSAR Array S	69.52 341	eP	P	01 39 25.0 -0.7
Y12C	Blythe	69.59 62	eP	P	01 39 27.6 +1.1
Y12C	comp=Z,16nm,1.2s			MLR	MLR
Y12C	Blythe	69.59 62	eP	P	01 39 27.1 +0.5
Y12C	comp=Z,312			MLR	MLR
IIGN	Ignalina	69.61 330	eP	P	01 39 25.8 -0.4
IIGN	comp=Z,66nm,1.0s			IAMB	IAMB
MICGM	Minsk	69.68 329	/P	P	01 39 27.0 +0.3
MICGM	comp=Z,0.4nm,0.9s			PM	PM
MICGM				LR	LR
MICGM				MLR	MLR
MICGM	comp=Z,5.4nm,18.0s			LR	LR
MNK	Minsk	69.68 329	/P	P	01 39 27.0 +0.3
MNK	comp=Z,440nm,0.9s			MLR	MLR
MNK				MLR	MLR
PV09	Paradox Valley	69.72 56	eP	P	01 39 32.7 +5.1
NACGM	Naroch	69.76 330	eP	P	01 39 25.0 -2.2
NACGM	comp=Z,0.4nm,1.0s			PM	PM
NACGM				LO	LO
NACGM				LR	LR
NACGM				LR	LR
NACGM				LR	LR

Table with columns: PERS, Pernice, 80.74 331, P, 01 40 30.3 -0.3, etc. Lists various entries with numerical values and status indicators.

Table with columns: MMB, Musomiste, 81.71 323, P, 01 40 35.5 -0.3, etc. Lists various entries with numerical values and status indicators.

Table with columns: TTT, Podgorica, 82.83 326, P, 01 40 40.8 -0.7, etc. Lists various entries with numerical values and status indicators.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like VLO Viora, N59A State Game Lan, LKR Lokris, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like ITM Ithomi, ITM LAST, Z50A Ashland, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like PGAV Gaveira, POLO Lamas de Olo, POLO Lamas de Olo, etc.

GYA	comp=Z,10.0nm,0.8s	pmax	pmax						
GYA	comp=Z,120nm,5.0s	pmax	pmax						
GYA	comp=Z,540nm,18.8s	LR	LR						
GYA	comp=Z,520nm,16.8s	LR	LR						
CD2	comp=Z,530nm,17.6s	LR	LR						
CD2	Chengdu	29.29	20	eP	P	02 30 11.5	0.0		
ENH	comp=Z,10.0nm,0.5s	31.08	29	eP	P	02 30 24.4	-3.0		
XAN	Enshi	34.02	24	P	P	02 30 52.1	-1.0		
XAN	Xi'an			pP	sP	02 31 00.5	-0.7		
XAN	comp=Z,29nm,1.1s			pmax	pmax				
XAN	comp=Z,200nm,8.3s			LR	LR				
XAN	comp=Z,280nm,11.8s			LR	LR				
XAN	comp=Z,350nm,13.7s			LR	LR				
XAN	comp=Z,250nm,14.4s			LR	LR				
LZH	Lanzhou	34.12	16	eP	P	02 30 56.4	+2.3		
LZH				pP	sP	02 31 02.3	+0.1		
LZH				sP	PP	02 31 04.3	+4.5		
LZH				ePP	pmax	02 32 10.4	-1.1		
LZH	comp=Z,53nm,1.0s			pmax	pmax				
LZH	comp=Z,320nm,4.3s			LR	LR				
LZH	comp=Z,230nm,14.2s			LR	LR				
LZH	comp=Z,280nm,14.2s			LR	LR				
LZH	comp=Z,350nm,15.3s			LR	LR				
NIL	Nilore	35.19	331	eP	P	02 31 02.7	-0.6		
NIL	comp=Z,34nm,0.8s			eP	P	02 31 02.7	-0.6		
NIL	Nilore	35.19	331	eP	P				
NIL	comp=Z,34nm,0.8s			pmax	pmax				
GTA	Gaotai	36.44	9	P	P	02 31 14.3	+0.4		
GTA				pP	sP	02 31 22.6	+0.6		
GTA				sP	PP	02 31 26.4	+6.7		
NJ2	Nanjing	37.61	38	eP	P	02 31 24.0	+0.2		
NJ2	comp=Z,16nm,0.7s			pmax	pmax				
KBL	Kabul	38.05	327	eP	P	02 31 27.4	-0.4		
KBL	Kabul	38.05	327	eP	P				
KBL	comp=Z,4.7nm,0.6s			pmax	pmax				
KBL	comp=Z,5.0nm,0.6s			pmax	pmax				
SIJ1	Sorong	38.72	96	LR	LR	02 47 46.4			
FITZ	Fitzy Crossi	38.80	125	P	P	02 31 34.2	+0.1		
FITZ	Fitzy Crossi	38.80	125	eP	P				
FITZ	comp=Z,4.1nm,0.8s			pmax	pmax				
KSH	Kashi	39.07	339	P	P	02 31 34.1	-2.1		
KSH				sP	sP	02 31 45.2	+0.9		
KSH				PP	PP	02 33 04.7	-1.2		
KSH				S	S	02 37 25.1	-1.0		
KSH	comp=Z,32nm,1.3s			pmax	pmax				
KSH	comp=Z,450nm,5.4s			LR	LR				
KSH	comp=Z,280nm,6.2s			LR	LR				
KSH	comp=Z,730nm,15.5s			LR	LR				
WMQ	Urumqi	40.52	354	P	P	02 31 49.4	+1.3		
WMQ				pP	sP	02 31 55.4	+0.9		
WMQ				sP	PP	02 32 01.4	+7.4		
WMQ	comp=Z,57nm,1.3s			pmax	pmax				
WMQ	comp=Z,820nm,8.5s			LR	LR				
WMQ	comp=Z,710nm,17.5s			LR	LR				
WMQ	comp=Z,1µm,18.5s			LR	LR				
WMQ	comp=Z,470nm,18.5s			LR	LR				
NRN	Naryn	40.77	341	eP	P	02 31 50.4	-0.1		
NRN	comp=Z,22nm,1.4s			eP	P	02 31 50.4	-0.1		
NRN	Naryn	40.77	341	eP	P				
NRN	comp=Z,22nm,1.4s			pmax	pmax				
HHC	Hu-ho-hao-te	40.97	22	eP	P	02 31 54.7	+2.7		
HHC	comp=Z,23nm,1.1s			pmax	pmax				
HHC	comp=Z,23nm,1.1s			pmax	pmax				
PRZ	Przheval'sk	40.99	344	eP	P	02 31 52.0	-0.2		
PRZ	comp=Z,35nm,1.0s			pmax	pmax				
PRZ	Przheval'sk	40.99	344	eP	P				
PRZ	comp=Z,35nm,1.0s			pmax	pmax				
ULH	Ulaho	41.42	341	P	P	02 31 55.8	0.0		
ULH	SNR=8								
BJT	Baijiatuu	42.18	27	eP	P	02 32 02.1	+0.4		
BJT	comp=Z,27nm,1.1s			eP	P	02 32 02.1	+0.4		
BJT	Baijiatuu	42.18	27	eP	P				
BJT	comp=Z,27nm,1.1s			pmax	pmax				
AML	Almayashu	42.19	339	P	P	02 32 02.5	+0.2		
KBK	Karagaybulak	42.21	340	P	P	02 32 02.7	+0.5		
TKM2	Tokmak 2	42.24	341	P	P	02 32 01.8	-0.6		
TKM2	SNR=5								
AAK	Ala-Archa	42.35	340	P	P	02 32 03.6	+0.3		
AAK	comp=Z,1.9nm,0.4s,baz=174,slow=4.5,SNR=7.5								
AAK	Ala-Archa	42.35	340	eP	P				
AAK	comp=Z,1.4nm,1.4s			pmax	pmax				
AAK	Ala-Archa	42.35	340	iP	P	02 32 02.8	-0.5		
AAK	comp=Z,10.0nm,1.2s			pmax	pmax				
FRU	Bishkek	42.48	340	eP	P	02 32 04.0	-0.2		
EKS2	Erkin-Say	42.62	339	P	P	02 32 06.0	+0.6		
EKS2	SNR=7.6								
MK01	Makanchi Array	44.17	350	eP	P	02 32 17.0	-0.8		
MK31	Makanchi Array	44.19	350	eP	P	02 32 17.9	0.0		
MK32	Makanchi Array	44.19	350	eP	P	02 32 17.6	-0.4		
MKAR	Makanchi Array	44.19	350	P	P	02 32 17.6	-0.4		
MKAR	comp=Z,16nm,0.7s,baz=168,slow=8.6,SNR=88								
MKAR	Makanchi Array	44.19	350	eP	P	02 32 17.9	0.0		
MKAR	comp=Z,9.1nm,0.8s								
KK31	Karatay Array	44.23	337	eP	P	02 32 17.7	-0.6		
KK31	Karatay Array	44.23	337	eP	P				
KKAR	Karatay Array	44.23	337	eP	P	02 32 17.7	-0.6		
KKAR	Karatay Array	44.23	337	eP	P				
MAKZ	Makanchi	44.26	349	eP	P	02 32 17.9	-0.6		
MAKZ	comp=Z,12nm,0.9s			pmax	pmax				
MAKZ	Makanchi	44.26	349	eP	P				
MAKZ	comp=Z,12nm,0.9s			pmax	pmax				
SONA0	Songino Array	45.82	13	eP	P	02 32 31.3	+0.3		
SONA0	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8s,baz=193,slow=9.0,SNR=21			eP	P	02 32 31.3	+0.3		
SONA1	Songino Array	45.82	13	eP	P				
SONA1	comp=Z,4.1nm,0.8								

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like DANN Dangsing, PYUN Pluthan, NJ2 Nanjing, LZH Lanzhou, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like S46A Wiedeman Farm, T49A Princeton, T46A Springfield, X41A Kaden, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PB02 comp=E,34um,0.8s, PB09 IOPC Station P, PB07 IOPC Station P, etc.

IDC 11 04:19:42.6:2.5, 6:15S, 130:14E, h0km, mb3.9/1, mb1 3.8/4, mb1mx3.5/33, mbtmp3.6/4, ML3.6/3, Error ellipse: s-maj=109.7km s-min=29.3km az=77.0, Banda Sea

MAN 11 04:21:06.8, 10:75N, 126:52E, h12km, mb4.3, ML3.1, MS2.9, 1C-1D, Philippine Islands region

ISCJBJ 11 04:25:40.9:0.3, 20:65S, 0:02:68:79W:0:05, h103km, 2km, mb4.5/8, Error ellipse: s-maj=7.2km s-min=3.5km

NEIC 11 04:25:40.9:0.3, 20:65S:68:69W, h87km, 5km, mb4.5/48, ML4.8(GUC), Error ellipse: s-maj=9.6km s-min=5.6km az=84.0

NEIC Felt [V] at Huarua, [II] at Pica and [II] at Alto Hospicio and Iquique

GUC 11 04:25:41.9:0.7, 20:65S:69:00W, h104km, 3km, ML4.8

ISC 11 04:25:43.5:0.6, 20:54S:68:70W, h110km, 5km, mb4.0/16, mb1 4.1/17, mb1mx4.0/33, mbtmp4.4/17, MS3.3/2, Ms1 3.3/2, ms1mx2.9/15, Error ellipse: s-maj=16.9km s-min=12.9km az=83.0

ISC 11 04:25:42.9:0.3, 20:65S:0:03:68:92W:0:05, h109km, 3km, h10km, pP-P, n153, 1979, mb4.4/58, 7C-3D, Chile-Bolivia border region

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

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

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

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

11d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Borongan, Palo, Virac, Roxas, etc.

NEIC 11 05:55:20.5:0.0, 40.96N x 117.77W, h4km, ML3.7(REN), After REN

NEIC 11 05:55:21.6:0.2, 40.98N x 117.80W, h2.0, h10km, ISC 11 05:55:20.6:0.7, 40.96N x 117.77W, h2.0, h10km, n105.4, 2838/121, Nevada

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Battle Mountain, Wild Horse Val, Pah Rah Range, etc.

2012 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Columbia Colle, BGU, HLID, etc.

JMA 11 05:56:37.0:0.1, 30.16N x 141.86E, h139km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Chichi jima, Boso 1, Boso 2, etc.

700

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ARXS 2.4nm,0.4s, ARXS 2.0nm,0.3s, etc.

RSNC 11 06:12:32.5:0.9, 5.28N-73.76W, h138km, 5km, ML3.5, Mw3.7, 2C-2D, Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Chingaza, ROSC El Rosal, RUSC La Rusia, etc.

ISC 11 06:29:40.4:22.0, 3.50N-102.79E, h0km, MB3.9/2, mb1 4.1/3, mb1mx3.5/30, mbtmp3.9/3, ML4.1/1, Error ellipse: s-maj=460.0km s-min=15.6km az=146.0, Off west coast of northern Sumatra

Table with columns: Station Name, Frequency, Power, and Signal Quality. Includes stations like VVDA, Z50A, Z50A, 342A, 342A, 147A, JSC, JSC, JSC, LRAL, LRAL, LRAL, Y53A, Z49A, 244A, Y52A, Y52A, Y52A, 146A, 146A, 146A, 243A, VBMS, VBMS, 341A, 341A, 341A, Y51A, 145A, Z47A, CNCC, Z48A, Y50A, 242A, 144A, X53A, Y49A, Y49A, Y49A, Z46A, 241A, 241A, X52A, KMSC, KMSC, Y48A, 143A, 143A, 143A, X51A, X51A, BG3, Z45A, Z45A, Y47A, X50B, 240A, 240A, NATX, NATX, Z44A, SLBS, W53A, X49A, W52A, W52A, Y46A, 141A, 435B, 435B, Z43A, X48A, X48A, Y45A, W51A, HPIC, Z42A, V53A, V53A, V53A, X47A, W50A, W50A, Y44A.

Table with columns: Station Name, Frequency, Power, and Signal Quality. Includes stations like CPCT, CPCT, TKL, TKL, TKL, W49A, SWET, X46A, Y43A, JCT, JCT, X45A, V52A, V52A, W48A, OXF, OXF, OXF, Z40A, V51A, V51A, Y42A, V50A, PLAL, CCAR, CCAR, X44A, U53A, W47A, WHTX, WHTX, WHTX, W46A, W49A, WLAR, Y41A, U52A, X43A, X43A, W48A, W48A, U51A, TXAR, TXAR, TXAR, LTX, LTX, LTX, TX31, TX31, Y40A, BLA, W44A, U50A, W47A, W46A, X41A, W43A, U49A, T52A, V45A, T51A, TAOE, R58B, UALR, UALR, W47A, W47A, W47A, W47A, U48A, CVRD, MIAR, MIAR, MIAR, CBN, U47A, T50A, T50A, W42A, W44A, X39A, U46A, W41B.

Table with columns: Station Name, Frequency, Power, and Signal Quality. Includes stations like W41B, W41B, V43A, T49A, T49A, T49A, GNAR, WHAR, U45A, S52A, GLAT, S51A, S51A, S51A, W40A, W40A, ABTX, ABTX, U44B, T48A, V42A, T47A, T47A, S50A, PVMO, U44A, V41A, T46A, U43A, PARMO, S49A, R52A, T45A, T45A, LIC, S48A, V40A, V40A, U42A, R51A, S47A, SDDM, SDDM, PBMO, R50A, U41A, TIC, V39A, KIC, DBIC, DBIC, DBIC, DBIC, WCI, WCI, WCI, WCI, S45A, T42A, T42A, U39A, R48A, R47A, Q50A, U39A, MVL, MVL, Q51A, Q51A, S44A, SIUC, SIUC, HHAR, MCWV, MCWV, MCWV, T41A, R46A, S43A, P53A, P53A, P53A, P53A.

PAGS	Pennsylvania G	72.11 353	eP	P	06 46 49.7 +0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 11.0 -0.4
PAGS	Aurora	72.14 346	eP	P	06 47 20.8 +1.3	N39A	Derby Farms, D	75.72 341	eP	P	06 47 40.3 -0.4
Q49A	Leonard	72.15 337	eP	P	06 46 49.0 -0.7	N39A	Derby Farms, D	75.72 341	eP	P	06 47 10.1 -0.4
TUL1	Leonard	72.15 337	eP	P	06 46 49.7 -0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 11.0 +0.3
TUL1	Leonard	72.15 337	eP	P	06 46 49.6 -0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 11.0 +0.3
WMOK	Wichita Mounta	72.15 334	eP	P	06 46 49.6 -0.4	N39A	Derby Farms, D	75.72 341	eP	P	06 47 11.4 +0.7
WMOK	Wichita Mounta	72.15 334	eP	P	06 46 49.6 -0.4	N39A	Derby Farms, D	75.72 341	eP	P	06 47 10.2 -0.9
WMOK	Wichita Mounta	72.15 334	eP	P	06 46 49.5 -0.4	N39A	Derby Farms, D	75.72 341	eP	P	06 47 10.8 -0.4
R45A	Skylar, Fairri	72.20 344	eP	P	06 46 49.2 -0.9	N39A	Derby Farms, D	75.72 341	eP	P	06 47 11.8 +0.1
GD12	Guadalupe Moun	72.24 328	eP	P	06 46 51.3 +0.7	N39A	Derby Farms, D	75.72 341	eP	P	06 47 11.2 -0.6
GD12	Guadalupe Moun	72.24 328	eP	P	06 47 20.7 +0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 11.7 -0.5
Q48A	North Vernon	72.24 346	eP	P	06 46 49.7 -0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 11.8 -0.6
P52A	Corning	72.25 349	eP	P	06 46 49.8 -0.6	N39A	Derby Farms, D	75.72 341	eP	P	06 47 11.8 -0.6
P51A	Williamsport	72.26 348	eP	P	06 46 49.9 -0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 12.7 +0.3
P51A	Williamsport	72.26 348	eP	P	06 46 49.6 -0.8	N39A	Derby Farms, D	75.72 341	eP	P	06 47 12.4 -0.2
MXNTX	Cornudas Mount	72.28 327	eP	P	06 46 50.3 -0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 13.5 +0.6
MXNTX	Cornudas Mount	72.28 327	eP	P	06 46 50.3 -0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 13.5 +0.6
S42A	Caledonia	72.35 341	eP	P	06 46 50.3 -0.7	N39A	Derby Farms, D	75.72 341	eP	P	06 47 43.2 +0.1
R44A	Waltonville	72.36 343	eP	P	06 46 50.1 -0.8	N39A	Derby Farms, D	75.72 341	eP	P	06 47 43.2 +0.1
O56A	Blue Knob Stat	72.36 352	eP	P	06 46 51.5 +0.4	N39A	Derby Farms, D	75.72 341	eP	P	06 47 14.5 +1.4
O56A	Blue Knob Stat	72.36 352	eP	P	06 47 20.9 -0.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 13.7 +0.8
Q47A	Bedord North L	72.39 345	eP	P	06 46 50.3 -0.9	N39A	Derby Farms, D	75.72 341	eP	P	06 47 12.5 -0.7
T39A	Clever	72.40 339	eP	P	06 46 51.3 0.0	N39A	Derby Farms, D	75.72 341	eP	P	06 47 13.9 +0.2
S41A	Jilco Farms,	72.44 341	eP	P	06 46 51.6 0.0	N39A	Derby Farms, D	75.72 341	eP	P	06 47 13.2 -0.7
FVM	French Village	72.45 342	eP	P	06 46 52.3 +0.7	N39A	Derby Farms, D	75.72 341	eP	P	06 47 14.1 -0.3
FVM	French Village	72.45 342	eP	P	06 47 20.8 -0.8	N39A	Derby Farms, D	75.72 341	eP	P	06 47 14.9 +0.4
P50A	Jamestown	72.52 347	eP	P	06 46 51.3 -0.6	N39A	Derby Farms, D	75.72 341	eP	P	06 47 45.3 +0.5
OLIL	Olney	72.58 344	eP	P	06 46 51.3 -1.0	N39A	Derby Farms, D	75.72 341	eP	P	06 47 16.4 +1.2
R43A	Red Bud	72.60 342	eP	P	06 47 22.0 -0.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 16.3 +1.2
P49A	Miami Univ. Ec	72.62 347	eP	P	06 46 51.7 -0.8	N39A	Derby Farms, D	75.72 341	eP	P	06 47 14.5 -0.4
BLO	Bloomington	72.64 345	eP	P	06 46 51.4 -1.3	N39A	Derby Farms, D	75.72 341	eP	P	06 47 43.3 -1.8
BLO	Bloomington	72.64 345	eP	P	06 47 21.0 -1.6	N39A	Derby Farms, D	75.72 341	eP	P	06 47 14.4 -0.5
BLO	Bloomington	72.64 345	eP	P	06 46 51.4 -1.3	N39A	Derby Farms, D	75.72 341	eP	P	06 47 15.6 -0.5
BLO	Bloomington	72.64 345	eP	P	06 47 21.0 -1.6	N39A	Derby Farms, D	75.72 341	eP	P	06 47 16.6 -0.5
SSPA	Standing Stone	72.64 352	eP	P	06 46 53.2 +0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 15.7 -0.4
SSPA	Standing Stone	72.64 352	eP	P	06 47 23.8 +1.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 17.1 0.0
SSPA	Standing Stone	72.64 352	eP	P	06 46 52.8 +0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 17.7 -0.6
O52A	Adamsville	72.67 349	eP	P	06 46 52.7 -0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 15.7 -0.6
O52A	Adamsville	72.67 349	eP	P	06 47 23.2 +0.4	N39A	Derby Farms, D	75.72 341	eP	P	06 47 17.4 +0.6
O52A	Adamsville	72.67 349	eP	P	06 46 52.3 -0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 33.7 +1.1
S40A	Lebanon	72.67 340	eP	P	06 46 53.0 +0.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 01.9 -0.7
Q46A	CEJHS Indians,	72.68 345	eP	P	06 46 51.7 -1.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 02.0 -0.6
P48A	Milroy	72.69 346	eP	P	06 46 52.0 -1.0	N39A	Derby Farms, D	75.72 341	eP	P	06 47 33.5 +0.8
T38A	Diamond	72.69 338	eP	P	06 46 53.1 +0.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 02.1 -0.6
N59A	State Game Lan	72.71 354	eP	P	06 46 54.1 +1.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 02.6 -0.6
N59A	State Game Lan	72.71 354	eP	P	06 47 23.6 +0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 02.2 -1.0
N59A	State Game Lan	72.71 354	eP	P	06 46 53.6 +0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 02.2 -1.0
Q45A	Warren Harvey,	72.75 344	eP	P	06 46 52.4 -0.9	N39A	Derby Farms, D	75.72 341	eP	P	06 47 03.3 -0.7
ODNJ	Ogdensburg	72.78 355	eP	P	06 46 53.8 +0.3	N39A	Derby Farms, D	75.72 341	eP	P	06 47 03.8 -0.7
O51A	Pataaskala	72.83 349	eP	P	06 46 53.2 -0.6	N39A	Derby Farms, D	75.72 341	eP	P	06 47 02.8 -0.7
R42A	Luebbering	72.83 342	eP	P	06 46 53.6 -0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 32.6 -1.0
HSIG	El Paso	72.84 322	eP	P	06 46 54.3 +0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 02.8 -1.0
HSIG	El Paso	72.84 322	eP	P	06 47 25.4 +1.3	N39A	Derby Farms, D	75.72 341	eP	P	06 47 03.0 -0.9
EPT	Martinsville	72.86 327	eP	P	06 46 54.8 +0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 03.3 -0.7
P47A	Martinsville	72.89 346	eP	P	06 47 23.4 -0.9	N39A	Derby Farms, D	75.72 341	eP	P	06 47 03.5 -0.6
Q44A	Meyer Farm, Va	72.96 343	eP	P	06 46 53.1 -1.0	N39A	Derby Farms, D	75.72 341	eP	P	06 47 03.2 0.0
ACSO	Alum Creek Sta	72.98 348	eP	P	06 46 53.2 -1.4	N39A	Derby Farms, D	75.72 341	eP	P	06 47 03.4 -0.7
ACSO	Alum Creek Sta	72.98 348	eP	P	06 46 54.2 -0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 05.1 +0.4
S39A	Bolivar	73.00 339	eP	P	06 46 54.1 -0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 03.9 -1.1
S39A	Bolivar	73.00 339	eP	P	06 47 23.6 -1.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 34.9 -0.2
O50A	Cable	73.00 339	eP	P	06 46 54.5 -0.4	N39A	Derby Farms, D	75.72 341	eP	P	06 47 04.2 -0.7
R41A	Rosebud	73.01 341	eP	P	06 46 54.9 +0.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 05.1 -0.5
MXSTX	Muleshoe	73.06 331	eP	P	06 46 54.1 -0.7	N39A	Derby Farms, D	75.72 341	eP	P	06 47 05.2 -0.4
MXSTX	Muleshoe	73.06 331	eP	P	06 46 54.6 -0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 05.0 -0.8
MXSTX	Muleshoe	73.06 331	eP	P	06 46 55.6 +0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 07.2 +0.9
SUR	Sutherland	73.09 118	eP	P	06 46 55.6 +0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 38.0 +1.6
S38A	Stockton	73.12 339	eP	P	06 46 57.1 +1.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 05.5 -0.6
Q43A	New Douglas	73.17 343	eP	P	06 46 55.5 0.0	N39A	Derby Farms, D	75.72 341	eP	P	06 47 07.7 +0.7
Q49A	Covington	73.18 347	eP	P	06 47 38.3 +1.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 07.8 +0.6
Q49A	Covington	73.18 347	eP	P	06 46 55.2 -0.6	N39A	Derby Farms, D	75.72 341	eP	P	06 47 08.3 +1.2
P46A	Rosedale	73.22 345	eP	P	06 47 05.9 -0.7	N39A	Derby Farms, D	75.72 341	eP	P	06 47 05.9 -0.7
N54A	Moraine State	73.23 351	eP	P	06 46 55.2 -0.6	N39A	Derby Farms, D	75.72 341	eP	P	06 47 06.1 -0.7
N54A	Moraine State	73.23 351	eP	P	06 46 55.3 -0.5	N39A	Derby Farms, D	75.72 341	eP	P	06 47 06.2 +1.0
R40A	Maddies Statio	73.25 344	eP	P	06 47 23.9 -2.0	N39A	Derby Farms, D	75.72 341	eP	P	06 47 05.8 -1.0
P45A	Graceland, Par	73.25 344	eP	P	06 46 55.1 -1.0	N39A	Derby Farms, D	75.72 341	eP	P	06 47 06.5 -0.4
P45A	Graceland, Par	73.25 344	eP	P	06 46 55.0 -1.0	N39A	Derby Farms, D	75.72 341	eP	P	06 47 37.2 +0.1
N51A	Ashland	73.54 349	eP	P	06 46 56.2 +0.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 05.6 -1.4
N51A	Ashland	73.54 349	eP	P	06 47 26.0 -0.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 06.6 -0.5
N51A	Ashland	73.54 349	eP	P	06 46 56.2 +0.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 05.8 -0.5
Q41A	Truxton	73.58 342	eP	P	06 46 56.2 -0.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 07.5 -1.0
Q47A	Sheridan	73.59 346	eP	P	06 46 55.4 -0.8	N39A	Derby Farms, D	75.72 341	eP	P	06 47 07.2 -1.0
R38A	Fenwick Farm,	73.63 339	eP	P	06 47 25.7 -0.6	N39A	Derby Farms, D	75.72 341	eP	P	06 47 38.1 -0.3
PPT2	Papeete2	73.70 259	eLR	LR	06 46 55.1 -1.1	N39A	Derby Farms, D	75.72 341	eP	P	06 47 08.0 -0.3
PPT	Papeete	73.71 259	eP	P	06 46 56.4 -0.8	N39A	Derby Farms, D	75.72 341	eP	P	06 47 10.0 +1.3
M54A	Oil Creek Stat	73.72 351	eP	P	06 46 57.6 +0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 40.3 +1.4
M54A	Oil Creek Stat	73.72 351	eP	P	06 47 27.8 +0.3	N39A	Derby Farms, D	75.72 341	eP	P	06 47 07.8 -0.6
M54A	Oil Creek Stat	73.72 351	eP	P	06 46 57.7 +0.2	N39A	Derby Farms, D	75.72 341	eP	P	06 47 09.7 +0.8
M54A	Oil Creek										

s-min=16.8km az=73.0
ISCJB 11 07:34:41.7,0.8,37.93S;0°04:73.8W,0.1,h2km,mb3.6/5,
Error ellipse: s-maj=11.9km s-min=5.5km az=175.0
GUC 11 07:34:43.2,0.5,37.98S;73.74W,h26km,1.1hkm,ML4.0
ISC 11 07:34:43.5,1.0,37.95S;0°04:73.66W,0.10,h2km,n23,
+095/26,mb3.4/5,1D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Temuco, San Pedro de C, Chillan, Curarehue, Paso Flores, etc.

IDC 11 07:37:17.4,0.9,38.74S;46°46'E,h0km,mb3.9/8,
mb1.4/0.8,mb1mx3.8/42,mbtmp4.0/8,MS3.5/4,Ms1.3/5.4,
ms1mx2.9/38, Error ellipse: s-maj=34.3km s-min=18.5km
az=42.0

ISCJB 11 07:37:18.6,0.7,38.9S;0°1:46.4E,0.2,h18km,mb3.9/9,
MS3.5/4, Error ellipse: s-maj=24.0km s-min=10.7km
az=140.3
NEIC 11 07:37:19.5,0.4,38.77S;46°45'E,h10km,mb4.1/5, Error
ellipse: s-maj=17.3km s-min=9.6km az=47.0

ISC 11 07:37:20.7,0.7,38.8S;0°1:46.4E,0.2,h18km,n38,
+1502/29,mb4.0/9,MS3.3/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Crozet Islands, Boshof, Sutherland, Lobatse, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI, SIJI, SWI, NLA, LBMI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI, SIJI, DAV, WRA, WRA, WB2, etc.

11d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MK01 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, HVS Khovu-Aksy, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CKAAG 11 07:54:44.9, 3576N;5.08E, M13.2, ISC/JB 11 07:54:47.2, 1.3, 35.9N;0.2-5.05E;0.06, h10km, Error ellipse: s-maj=23.3km s-min=1.7km az=173.5.

202 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKET Djebel Ketaf, DFRA Djebel Bou Aff, DFRA Djebel Bou Aff, CTEI Djebel Teioual, etc.

11 08:05:54.6;3.2,33.13S;178.99W,h0km,mb3.5/2, mb1 3.8/3,mb1mx3.5/27,mbtmp3.6/3,ML3.5/1, Error ellipse: s-maj=70.8km s-min=46.7km az=114.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, ASAR Anatahan, WRA Warramunga Arr, FINES FINESS Array B.

11 08:28:04.6;0.8, 14.47N;146.98E,h0km,mb4.3/20, mb1 4.3/21,mb1mx4.1/53,mbtmp4.3/21,ML4.4/1,MS3.3/6, Ms1 3.3/6,ms1mx3.0/36, Error ellipse: s-maj=20.0km s-min=15.4km az=108.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, ANAZ Anatahan, SARN Sarghan, PATS Pohpei, etc.

11 08:28:04.6;1.2, 14.52N;146.90E,h33km,mb5.1/12, Error ellipse: s-maj=13.7km s-min=9.0km az=114.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, JNU Nakatsue, HNR Honia, KSRs Korea Array, etc.

11 08:28:06.4;0.6, 14.43N;146.95E;0.08,h33km,mb107, c=117/107,mb4.6/58,3C-3D, Mariana Islands

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

11 08:28:06.4;0.6, 14.43N;146.95E;0.08,h33km,mb107, c=117/107,mb4.6/58,3C-3D, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GYA Gulyang, ASAR Alice Springs, HHC Hu-ho-hao-te, etc.

11 08:28:06.4;0.6, 14.43N;146.95E;0.08,h33km,mb107, c=117/107,mb4.6/58,3C-3D, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHZ Chengdu, LDZ Lanzhou, LZH Lanzhou, etc.

11 08:28:06.4;0.6, 14.43N;146.95E;0.08,h33km,mb107, c=117/107,mb4.6/58,3C-3D, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MA2 Magadan, CM01 Chiang Mai Arr, CM31 Chiang Mai Arr, etc.

11 08:28:06.4;0.6, 14.43N;146.95E;0.08,h33km,mb107, c=117/107,mb4.6/58,3C-3D, Mariana Islands

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

708

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HVS Khovu-Aksy, WMQ Urumqi, WMQ Urumqi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DGZ Jazzator, ANM Nome, ANM Nome, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, MK01 Makanchi Array, MK31 Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOM Homer, PPLA Pukkeke, IM3 Indian Mountain, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCMB Sheep Creek Mt, SCMB Sheep Creek Mt, SCMB Sheep Creek Mt, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IL1 Eielson Array, ILAR Eielson Array, ILB Eielson Array, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TOLK Toolik Lake Res, AAK Ala-Archa, RIDG Independe' R, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FYU Fort Yukon, NIL Nilore, NIL Nilore, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EGAG Eagle, DAWY Dawy, HYT Haines Junction, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INK Inuvik, ARU Arti, ARU Arti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABKAR Abkukul array, NVAR Mina Array Bea, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HRY Holter Researc, OBN Obninsk, OBN Obninsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NCK Naichik, NCK Naichik, KIV Kislovodsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES FINESS Array B, PV23 Carpenter Ridg, TORD Torodi Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNMC Minye Minye, DBIC Dimbokro, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIC Kusan Boka, TIC Toumudi, LIC Lamto, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEX 11 08:33:49.1;0.0, 15.28N;92.00W,h181km,MD4.0(MEX), After MEX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEX 11 08:33:49.1;0.0, 15.28N;92.00W,h181km,MD4.0, Mexico-Guatemala border region

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SJ, AGUA GUANDACOL, APLG PUNTA DE LOS L, etc.

IDC 11 08:47:00.3:0.7,55:62S:144:91W,h0km,mb4.2/9, mb1 4.4/9, mb1mx4.2/20, mbtmp4.2/9, MS4.0/14, Ms1 4.0/14, ms1mx3.9/21, Error ellipse: s-maj=35.5km s-min=18.0km az=177.0

NEIC 11 08:47:02.9:0.3,55:76S:144:62W,h10km,mb4.6/10, Error ellipse: s-maj=18.2km s-min=11.4km az=183.0 GCMT 11 08:47:04.9:0.3,56:02S:102:144:76W,0.03,h25km,1km, Dur:0.071, Moment Tensor Solution. s16:19; s71,c86; MW:0.0 Moment tensor: Scale 10^19Nm; Mr:1.08; 22; Mw:3.18; 19; Mm:2.10; 15; Ml:0.96; 34; Ms:1.97; 10; Mx:0.55; 33; Best double couple: Mo:3.42400:016 NP1:0.27:0.00000, 0.87:0.00000, 1.166:0.00000. NP2: 0.117:0.00000, 0.76:0.00000, 1.3:0.00000. Principal axes: T 4.0620, Plg12.0000, Azm341.0000; N -1.2770, Plg76.0000; Azm197.0000; P -2.7850, Plg8.0000; Azm73.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 11 08:47:02.7:0.3,55:8S:02:144:6W,0.1,h10km,n67, s=138/35,mb4.5/15,MS4.1/14,Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VVDA Vanda, MXZ Natakao Point, RKT Rikitake, etc.

Table with columns: H10N1 ASCENSION HYDR04.43 129 T T 10 58 42.5, H10N2 ASCENSION HYDR04.44 129 T T 10 58 39.9, ILAR Eleisa Array, KBL Kabul, PRZ Przheval'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAN 11 08:58:39.5, 13:47N:124:62E, h68km, mb4.4, ML3.2, PVCP Virac, BESP Borongan, etc.

NNC 11 09:11:49.4:1.8,37:77N:71:33E,h0km,mb3.8,mpv3.3, 2C:0. Error ellipse: s-maj=13.9km s-min=12.1km Az=166.0,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, MNAS Manas, KK31 Karatay Array, etc.

IDC 11 09:13:00.7:6.2,5:74S:147:65E,h168km,63km,mb3.2/2, mb1 3.4/4, mb1mx3.1/24, mbtmp3.7/4, Error ellipse: s-maj=101.5km s-min=46.8km az=129.0,Eastern New Guinea region

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

JMA 11 09:23:16.0:1.2,22:17N:121:18E,h7km,3km, ISCJB 11 09:23:16.7:0.5,22:18N:102:121.16E:0.03,h9km,4km, JFT Error ellipse: s-maj=4.4km s-min=4.1km az=159.6 TAP 11 09:23:17.4:22:20N:121:02E,h1km,ML3.2,B

ISC 11 09:23:17.0:1.1,22:22N:102:121.12E:0.03,h8km,gkm, n39,-0.80/65,4C-3D,Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TAW Tawu, EAST Anshuo, EAST Hengchun, etc.

Table with columns: WTP baz=346, TWFI Yuli, TPUB Ta-pu, TPUB baz=354, TWK Hsiyung, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WHF Hehuan Shan, NACB Ninganchiao, TDCB Techi, etc.

IDC 11 09:34:32.0:1.9,3:04N:127:66E,h0km,mb3.7/4, mb1 3.8/4, mb1mx3.5/55, mbtmp3.7/4, MS3.3/1, Ms1 3.3/1, s-min=23.7km az=66.0, Talaud Islands

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

JMA 11 09:37:41.3:0.2,38:35N:144:50E,h37km,M3.5,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIYJ Miyakonagawasa, JIO Ouri, etc.

IDC 11 09:41:36.5:8.8,52:23N:179:26E,h140km,88km,mb3.4/8, mb1 3.7/10, mb1mx3.4/35, mbtmp4.0/10, MS3.2/1, Ms1 3.2/1, ms1mx2.7/27, Error ellipse: s-maj=85.6km

ISCJB 11 09:41:40.8:0.3,52:31N:0:08E:179:21E:0.05, h193km,4km,mb3.9/15, Error ellipse: s-maj=13.0km s-min=4.9km az=177.8

NEIC 11 09:41:42.0:0.0,52:06N:179:23E,h202km,mb4.3/26, After AIC.

ISC 11 09:41:41.4:0.6,52:4N:0:1x179:16E:0:04,h191km,6km, n63,-0:09/72,mb4.1/15,Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CEAP Semis' Anvil P, CESW Semis' Southwe, LSPA Little Sitkin, etc.

11:20h

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

2012 SEP

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

712

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

ISCJB 11 10:25:09.4+0.8,0.98S:0.04x119.79E:0.05,h6km5.5km, mb3.6/4, MS3.4/2, Error ellipse: s-maj=9.1km s-min=6.5km bsz=2.3

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

Table with columns: HHC, Hu-ho-hao-te, 23.75 287, etc. Includes stations like HHC, SEY, BOD, etc.

Table with columns: OBN, Obninsk, 67.95 323, etc. Includes stations like OBN, LPSR, FIAO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for BR101 Keskin Array S, BRTR Keskin Array B, FIAO FINESSE Array S, etc.

ISCJB 11 12:44:24.1±1.0, 7.40S:0.10x105.99E:0.06, h60km±10km, mb3.8/9, MS2.8/1, Error ellipse: s-maj=18.5km s-min=4.7km az=31.8

DJA 11 12:44:24.5±0.7, 7.54S:10.16E, h23km±5km, M4.2/13, mb5.9/1, mb4.3/4, MLV4.2/13, Mw(mb)5.1/5.1

IDC 11 12:44:28.5±4.3, 6.98S:160.18E, h81km±33km, mb3.5/9, mb1.3/0.9, mb1mx3.4/34, mbtmp3.9/9, MS3.9/1, Ms1.3/1/1, ms1mx2.6/25, Error ellipse: s-maj=64.2km s-min=14.4km az=52.0

ISC 11 12:44:23.9±1.6, 7.47S:0.10x105.89E:0.07, h47km±14km, n34, c181/40, mb3.9/9, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SKJI Sukabumi, CGJI Cibinong, SBJI Serang, LEM Lembang, etc.

ISCJB 11 12:44:27.7±0.8, 5.51S:195.50E, h26.6km±3.4km, mb3.3/8, MS2.8/1, Error ellipse: s-maj=19.5km s-min=4.7km az=31.8

H01W1 Cape Leeuwin H 28.32 166 T 13 20 50.4

H01W2 Cape Leeuwin H 28.32 166 T 13 20 49.1

WRA Warramunga Arr 30.23 117 P 12 50 31.0 +0.5

ASAR Alice Springs 31.23 124 P 12 50 41.5 +1.3

H08S2 Diego Garcia H 33.10 267 T 13 26 22.8

H08S1 Diego Garcia H 33.12 267 T 13 26 22.3

STKA Stephens Creek 41.16 131 P 12 52 05.5 +1.7

SOMM Songo Array 50.07 0 P 12 53 47.9 -3.2

MKAR Makanchi Array 57.96 341 P 12 54 09.7 -1.9

GEYT Alibeck 63.39 319 P 12 54 48.2 -0.6

ZALV Zalevo Beam 72.32 349 P 12 54 48.3 -2.2

BRTR Keskin Array B 81.32 312 P 12 56 36.0 +0.3

TXAR Lajitas Array 145.99 22 PKP P 13 03 56.5 +0.2

ISCJB 11 13:21:51.5±0.6, 20.70S:0.1x177.7W:0.1, h350km, mb3.3/8, Error ellipse: s-maj=21.5km s-min=11.9km az=143.3

IDC 11 13:21:53.0±2.4, 20.65S:177.70W, h353km±26km, mb3.1/8, mb1.3/4/1, mb1mx3.2/35, mbtmp4.0/11, Error ellipse: s-maj=33.4km s-min=14.4km az=147.0

ISC 11 13:21:52.5±0.7, 20.70S:0.1x177.7W:0.1, h350km, n16, c062/14, mb3.3/8, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for AFI Afiamalu, DZM Mont D'Zee, URZ Urewera, etc.

ISCJB 11 13:21:12.1±0.5, 50.08N:0.03x19.01E:0.03, h0km, Error ellipse: s-maj=3.9km s-min=2.7km az=16.8

IPEC 11 13:21:13.0±0.2, 50.15N:19.08E, h0km±1km, ML2.0/3, Error ellipse: s-maj=2.5km s-min=1.1km az=166.0

PRU 11 13:21:13.1±0.0, 50.12N:19.08E, h0km

WAR 11 13:21:13.5±0.0, 50.09N:19.15E, h1km, Mw2.6

ISC 11 13:21:11.7±0.8, 50.06N:0.03x19.18E:0.02, h0km, n27, c074/51, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for OJC Ojcow, OKC Ostrava-Krasne, LANS LANS, etc.

ISCJB 11 13:26:18.8±0.9, 6.33N:123.67E, h0km, mb3.7/6, mb1.3/8/7, mb1mx3.6/49, mbtmp3.7/7, ML4.4/1, MS3.1/1, Ms1.3/1/1, ms1mx2.4/34, Error ellipse: s-maj=35.2km s-min=16.6km az=69.0

ISCJB 11 13:26:21.8±0.7, 6.33N:0.05x123.52E:0.06, h33km, mb3.5/6, MS3.0/1, Error ellipse: s-maj=9.3km s-min=6.8km az=161.4

ISC 11 13:26:23.5±0.9, 6.37N:0.07x123.54E:0.09, h35km, n13, c156/15, mb3.5/6, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for GSHP General Santos, PAGZ Pagadian, DAV Davao City (W), etc.

ISCJB 11 13:38:15.8±1.8, 3.53N:92.70E, h0km, mb3.6/5, mb1.3/8/8, mb1mx3.5/50, mbtmp3.7/8, ML3.8/3, MS3.4/2, Ms1.3/4/2, ms1mx2.7/31, Error ellipse: s-maj=46.9km s-min=22.7km az=44.0

ISCJB 11 13:38:18.9±1.2, 3.50N:92.63E:0.09, h24km, mb3.6/5, MS3.4/2, Error ellipse: s-maj=19.3km s-min=12.8km az=15.2

ISC 11 13:38:18.9±1.2, 3.50N:92.74E:0.10, h24km, n11, c177/11, mb3.6/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for PSI Prapat, PALK Pallekele, PALK Pallekele, etc.

ISCJB 11 13:38:15.8±1.8, 3.53N:92.70E, h0km, mb3.6/5, mb1.3/8/8, mb1mx3.5/50, mbtmp3.7/8, ML3.8/3, MS3.4/2, Ms1.3/4/2, ms1mx2.7/31, Error ellipse: s-maj=46.9km s-min=22.7km az=44.0

ISCJB 11 13:38:18.9±1.2, 3.50N:92.63E:0.09, h24km, mb3.6/5, MS3.4/2, Error ellipse: s-maj=19.3km s-min=12.8km az=15.2

ISC 11 13:38:18.9±1.2, 3.50N:92.74E:0.10, h24km, n11, c177/11, mb3.6/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NONG Nongkai, MKAR Makanchi Array, SOMM Songo Array, etc.

ISCJB 11 13:52:25.6±0.8, 73.35N:94.48W, h18km, MN3.5/3, 151km Northeast from Fort Ross, Nu Boothia Ungava Seismic Zone, Northwest Territories

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for RES Resolve Bay, MRYN Mary River, MRYN Mary River, etc.

ISCJB 11 13:52:25.6±0.8, 73.35N:94.48W, h18km, MN3.5/3, 151km Northeast from Fort Ross, Nu Boothia Ungava Seismic Zone, Northwest Territories

ISCJB 11 13:52:25.6±0.8, 73.35N:94.48W, h18km, MN3.5/3, 151km Northeast from Fort Ross, Nu Boothia Ungava Seismic Zone, Northwest Territories

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for CB31 Cambridge Bay, CB31 Cambridge Bay, etc.

ISCJB 11 13:52:25.6±0.8, 73.35N:94.48W, h18km, MN3.5/3, 151km Northeast from Fort Ross, Nu Boothia Ungava Seismic Zone, Northwest Territories

ISCJB 11 13:52:25.6±0.8, 73.35N:94.48W, h18km, MN3.5/3, 151km Northeast from Fort Ross, Nu Boothia Ungava Seismic Zone, Northwest Territories

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ILON ILON, EUREKA Eureka, etc.

JMA 11 13:56:08.8±1.0, 45.38N:151.45E, h30km, M3.8, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for NEM2 Nemuro 2, NEM2 Nemuro 2, etc.

MEX 11 14:08:31.6±0.8, 16.97N:100.04W, h8km±11km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ACP2 Acapulco, CAIG El Cayaco, CAIG El Cayaco, etc.

ISCJB 11 14:08:27.6±0.9, 10.66S:113.88E, h0km, mb4.3/14, mb1.4/4/17, mb1mx4.3/35, mbtmp4.3/17, ML4.0/3, MS3.4/7, Ms1.3/4/7, ms1mx3.1/36, Error ellipse: s-maj=29.0km s-min=14.5km az=44.0

BUI 11 14:08:29.1±1.0, 10.70S:113.80E, h19km, mb4.7/34, mb5.0/20, Ms4.7/8, Ms7.4/4/8

NEIC 11 14:08:30.9±1.4, 10.70S:113.80E, h20km±9km, mb4.8/13, Error ellipse: s-maj=9.4km s-min=4.3km az=212.0

ISCJB 11 14:08:30.4±0.3, 10.87S:0.03x113.73E:0.03, h33km, mb4.6/52, Error ellipse: s-maj=4.5km s-min=4.0km az=19.1

DJA 11 14:08:31.9±0.4, 11.54S:111.49E, h62km±36km, M4.2/20, mb4.8/6, mb4.9/5, MLV4.7/20, Mw(mb)4.2/5

MOS 11 14:08:34.5±0.9, 10.06S:113.81E, h33km, mb5.2/18, Error ellipse: s-maj=18.3km s-min=8.5km az=110.6

ISC 11 14:08:32.1±0.5, 10.94S:0.06x113.77E:0.05, h35km, n154, c143/163, mb4.7/52, 2C-6D, South of Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for JAGI Jajag, Banyuwa, JAGI Jajag, Banyuwa, etc.

ISCJB 11 14:08:31.9±0.4, 11.54S:111.49E, h62km±36km, M4.2/20, mb4.8/6, mb4.9/5, MLV4.7/20, Mw(mb)4.2/5

MOS 11 14:08:34.5±0.9, 10.06S:113.81E, h33km, mb5.2/18, Error ellipse: s-maj=18.3km s-min=8.5km az=110.6

ISC 11 14:08:32.1±0.5, 10.94S:0.06x113.77E:0.05, h35km, n154, c143/163, mb4.7/52, 2C-6D, South of Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for WBSI Waikabubak, Su, WBSI Waikabubak, Su, etc.

ISCJB 11 14:08:31.9±0.4, 11.54S:111.49E, h62km±36km, M4.2/20, mb4.8/6, mb4.9/5, MLV4.7/20, Mw(mb)4.2/5

MOS 11 14:08:34.5±0.9, 10.06S:113.81E, h33km, mb5.2/18, Error ellipse: s-maj=18.3km s-min=8.5km az=110.6

ISC 11 14:08:32.1±0.5, 10.94S:0.06x113.77E:0.05, h35km, n154, c143/163, mb4.7/52, 2C-6D, South of Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ASO1 Alice Springs, CHAI Chiayaphum, SKNT Sakolnakhorn, etc.

ISCJB 11 14:08:31.9±0.4, 11.54S:111.49E, h62km±36km, M4.2/20, mb4.8/6, mb4.9/5, MLV4.7/20, Mw(mb)4.2/5

Table with columns: Code, Station Name, Az, El, P, Max, Time, Res. Includes stations like CHIANG MAI, CHIANG MAI, CHIANG MAI, etc.

Table with columns: Code, Station Name, Az, El, P, Max, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, P, Max, Time, Res. Includes stations like CHGB Renai, CHGB Renai, CHGB Renai, etc.

IDC 11 14:21:34.0-4.0, 10.7175x:113.90E, h0km, mb5.0/29, mb1.0/33, mb1mx5.0/42, mbtmp0.0/33, ML4.5/4, MSkA.0/24, Ms1.4/0.24, ms1mx3.9/32, Error ellipse: s-maj=13.8km s-min=10.3km az=76.0
BUJ 11 14:21:34.0, 10.705x:113.80E, h10km, mb5.1/69, mb5.3/52, Ms4.6/52, Ms7.4/3/50
DJA 11 14:21:36.8-0.3, 11.1S:2x11.4E, h13km, M4.9/26, mb5.2/25, mb5.4/23, MLV5.2/26, Mw(mB)4.8/23
NEIC 11 14:21:36.3-0.1, 10.7175x:113.83E, h10km, mb5.3/52, Error ellipse: s-maj=5.4km s-min=3.7km az=38.0
ISCJB 11 14:21:37.5-0.2, 10.805x:113.76E, h33km, mb5.2/127, MS4.2/19, Error ellipse: s-maj=3.2km s-min=2.6km az=135.5
MOS 11 14:21:38.1-1.1, 10.625x:113.88E, h33km, mb5.6/57, Error ellipse: s-maj=10.1km s-min=5.4km az=110.1
GCMT 11 14:21:38.3-0.2, 11.050x:113.95E, h33km, h12km, MW5.0/81, Moment Tensor Solution. s27.c33; s81.c125; Duration: 0 Moment tensor: Scale 1016Nm; Mlr-2.07E-09; Mm2.52E+06; Mm3-0.44E+10; Mm4-1.02E+21; Mm5-1.11E+06; Mm7-2.19E+33; Best double couple: M3.42000x1016 NP1.3e76.00000, 860.00000, -1.134.00000, NP2: 0e319.00000, 652.00000, -1.40.00000 Principal axes: T 2.9120, P15.0000, Azm195.0000, N 1.0260, P137.0000, Azm102.0000, P-3.9200, P162.0000, Azm291.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 11 14:21:39.6-0.3, 10.835x:113.77E, h33km, h691, e156/720, mb5.3/126, MS4.1/40, 12C-15D, South of Jawa

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: Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

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

MJAR	Matsushiro Arr	52.44	25	P	P	14 30 46.2	-2.7
MJAR	comp-Z,9.5nm,0.8s,baz=203,slow=8.0,SNR=24						
MJB9	Matsu-Tunnel	52.44	25	P	P	14 30 44.9	-3.9
MJB9	comp-Z,9.7nm,21.0s,baz=205,slow=96						
SNY	Shenyang	53.17	9	P	P	14 30 52.4	-1.7
SNY	comp-Z,33nm,1.1s						
SNY	comp-Z,300nm,4.0s						
SNY	comp-Z,220nm,20.6s						
SNY	comp-Z,250nm,20.9s						
CNY	comp-Z,200nm,21.4s						
CASV	Changchun	55.40	10	P	P	14 31 11.2	+0.9
CASV	Casey	55.42	182	eP	P	14 31 09.6	-0.5
CASV	comp-Z,6.8nm,0.9s						
MSHR	Mys Shuitsa	55.49	16	P	P	14 31 09.9	-1.1
MDJ	Mudanjiang	57.02	13	P	P	14 31 11.1	-5.8
MDJ	comp-Z,68nm,1.4s						
MDJ	comp-Z,290nm,2.5s						
MDJ	Mudanjiang	57.02	13	eP	P	14 31 20.0	-1.9
MDJ	comp-Z,71nm,1.1s						
USA0B	Ussuriysk Arra	57.22	16	eP	P	14 31 21.6	-1.7
USA0B	comp-Z,86nm,1.1s						
USRK	Ussuriysk Ar	57.22	16	P	P	14 31 22.2	-1.1
USRK	comp-Z,49nm,0.9s,baz=193,slow=6.3,SNR=100						
NIL	Nilore	58.67	321	eP	P	14 31 31.9	-1.8
NIL	Nilore	58.67	321	eP	P	14 31 31.9	-1.8
NIL	comp-Z,30nm,0.7s						
SONM	Songino Array	58.77	354	P	P	14 31 33.9	-0.4
SONM	comp-Z,20nm,0.8s,baz=171,slow=7.6,SNR=82						
SONM	comp-Z,204nm,18.2s,baz=174,slow=38						
SONM	Songino Array	58.78	354	eP	P	14 31 33.7	-0.7
SONM	59.11	25	J/P	P	14 31 36.0	-0.5	
SONM	59.32	19	eP	P	14 31 36.0	-1.9	
TEY	comp-N,20nm,1.0s						
TEY	comp-Z,30nm,1.1s						
WMQ	Urumqi	59.34	338	P	P	14 31 38.8	+0.5
WMQ	comp-Z,69nm,1.3s						
WMQ	comp-Z,540nm,4.7s						
WMQ	comp-Z,290nm,24.5s						
WMQ	Kashi	61.17	327	P	P	14 31 49.9	-1.0
KSH	Kashi	61.17	327	P	P	14 31 49.9	-1.0
KSH	comp-Z,47nm,1.1s						
KSH	comp-Z,200nm,6.3s						
KSH	comp-Z,270nm,8.0s						
KSH	comp-Z,190nm,8.8s						
KSH	comp-Z,290nm,7.1s						
ZAK	Zakamensk	61.64	352	eP	P	14 31 52.6	-1.2
ZAK	comp-Z,16nm,1.5s						
YUK	Yuzh-Kuril'sk	61.90	26	eP	P	14 31 56.1	+0.5
KBL	Kabul	61.91	319	eP	P	14 31 55.0	-1.2
KBL	comp-Z,582nm,1.1s						
KBL	Kabul	61.91	319	eP	P	14 31 55.0	-1.2
KBL	comp-Z,53nm,1.1s						
PRZ	Przheval'sk	62.16	331	eP	P	14 31 58.4	+0.7
PRZ	comp-Z,83nm,1.4s						
PRZ	Przheval'sk	62.16	331	eP	P	14 31 58.4	+0.7
PRZ	comp-Z,83nm,1.4s						
PDGK	Podgornoye	62.31	332	P	P	14 31 58.1	-0.4
PDGK	comp-Z,67nm,1.4s						
NRN	Naryn	62.56	329	eP	P	14 32 00.1	-0.4
NRN	comp-Z,45nm,1.3s						
NRN	Naryn	62.56	329	eP	P	14 32 00.1	-0.4
NRN	comp-Z,45nm,1.3s						
SFK	Sufi-Kurgan	62.86	326	P	P	14 32 02.1	-0.3
SFK	comp-Z,101nm,1.4s						
TLY	Talaya	62.87	353	eP	P	14 32 02.5	+0.6
TLY	comp-Z,154nm,20.0s						
TLY	Ulahol	63.04	330	P	P	14 32 03.4	-0.1
TLY	Ulahol	63.04	330	P	P	14 32 03.4	-0.1
YSS	Yuzh-Sakhalins	63.09	22	eP	P	14 32 02.4	-1.0
YSS	comp-Z,12nm,1.1s						
YSS	Yuzh-Sakhalins	63.09	22	eP	P	14 32 02.4	-1.0
YSS	comp-Z,43nm,1.1s						
YSS	comp-Z,33nm,1.3s						
YSS	comp-Z,154nm,20.0s						
YSS	Ulahol	63.04	330	P	P	14 32 03.4	-0.1
YSS	Yuzh-Sakhalins	63.09	22	eP	P	14 32 02.4	-1.0
YSS	comp-Z,43nm,1.1s						
YSS	comp-Z,33nm,1.3s						
YSS	comp-Z,154nm,20.0s						
MOY	Mondy	63.22	351	eP	P	14 32 04.2	-0.2
MOY	comp-Z,41nm,1.4s						
IRK	irkutsk	63.35	353	eP	P	14 32 04.2	-0.9
IRK	comp-Z,43nm,1.8s						
KZA	Kyzart	63.41	329	P	P	14 32 06.9	+0.6
KZA	SNR=49						
KUR	Kuril'sk	63.72	261	eP	P	14 32 06.5	-1.1
TKM2	Tokmak 2	63.86	330	P	P	14 32 08.8	-0.1
TKM2	SNR=66						
TKM2	Tokmak 2	63.86	330	P	P	14 32 08.7	-0.2
TKM2	comp-Z,86nm,1.3s						
MK01	Makanchi Array	63.88	336	eP	P	14 32 08.3	-0.4
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						
MK01	Makanchi Array	63.90	336	eP	P	14 32 08.2	-0.6
MK01	comp-Z,112nm,21.4s,baz=162,slow=38						

GMRC Granite Mounta baz=286	129.19	54	P	PKPdf	14 40 47.3 +2.4	Q45A Warren Harvey, baz=319	145.89	31	P	PKPab	14 41 16.2 +0.1	T49A Edmonton baz=322,SNR=9.6	148.59	30	P	PKPab	14 41 23.6 -3.2
FXWY Fox Creek	129.38	41	ePKPdf	PKPdf	14 40 47.6 +2.5	U42A Revinder	145.99	38	P	PKPab	14 41 16.3 -0.4	S50A Richmond	148.68	28	P	PKPbc	14 41 23.7 +0.2
DUG Dugway, Tooele	129.59	46	ePKPdf	PKPdf	14 40 47.2 +1.8	WHAR Wacky Hollow baz=312	146.03	40	ePKPdf	PKPab	14 41 16.4 -0.4	O56A State Game Lan baz=324,SNR=7.8	148.71	18	ePKPbc	PKPab	14 41 24.1 -3.2
DUG Dugway, Tooele	129.59	46	ePKIKP	PKPdf	14 40 47.2 +1.8	OLIL Olney	146.04	31	ePKPdf	PKPab	14 41 16.8 +0.1	O56A Blue Knob Stat baz=336	148.71	18	P	PKPab	14 41 24.1 -3.2
DUG Dugway, Tooele	129.59	46	ePKPdf	PKPdf	14 40 48.5 +3.0	T43A Greenville	146.05	36	P	PKPab	14 41 16.5 -0.3	X46A Booneville	148.79	37	P	PKPab	14 41 24.4 -3.4
REDW Red Top Meadow	129.62	42	ePKPdf	PKPdf	14 40 47.0 +1.5	MEDA Medina	146.08	16	P	PKPab	14 41 15.9 -0.8	PLAL Ashlick Lake	148.80	36	ePKPbc	PKPbc	14 41 23.9 0.0
BC3 Big Chuckwall	129.66	55	P	PKPdf	14 40 48.1 +2.4	N90A Columbus Grove	146.10	25	P	PKPab	14 41 17.0 +0.1	MCWV Mont Chateau	148.84	21	ePKPbc	PKPbc	14 41 24.5 -3.3
IRM Iron Mountain	129.77	54	P	PKPdf	14 40 48.4 +2.6	W41B Gary Mavity, V baz=327,SNR=11	146.13	40	ePKPdf	PKPab	14 41 17.1 -0.1	MCWV Mont Chateau	148.84	21	P	PKPab	14 41 24.7 -3.1
W13A Hualapai Mount	130.50	53	ePKPdf	PKPdf	14 40 50.7 +3.3	W41B Gary Mavity, V baz=327,SNR=11	146.13	40	ePKPdf	PKPab	14 41 17.1 -0.1	N59A State Game Lan baz=342	148.87	14	ePKPbc	PKPbc	14 41 24.3 +0.3
PDAR Pinedale Array	130.74	42	PKP	PKPdf	14 40 48.8 +1.1	M50A Fremont baz=329	146.15	23	P	PKPab	14 41 16.8 -0.2	W47A Westpoint baz=316,SNR=12	148.88	35	P	PKPbc	14 41 24.4 -3.4
PDAR Pinedale Array	130.74	42	ePKPdf	PKPdf	14 40 48.8 +1.1	Y40A Okolona	146.18	43	P	PKPab	14 41 17.6 +0.2	R52A Callettsburg baz=328	148.92	25	P	PKPbc	14 41 24.2 0.0
LAO LASA Array	130.81	36	ePKPdf	PKPdf	14 40 50.3 +2.9	PBMO Poplar Bluff	146.18	36	ePKPdf	PKPab	14 41 16.9 -0.4	U49A Red Boiling Sp baz=321,SNR=12	148.92	31	P	PKPbc	14 41 24.4 +0.2
LAO LASA Array	130.81	36	P	PKPdf	14 40 50.6 +3.1	X40A Basin Creek Fa baz=308	146.18	42	P	PKPab	14 41 17.7 +0.3	V48A Smith Brothers baz=314	148.95	34	ePKPbc	PKPbc	14 41 24.3 0.0
214A Organ Pipe Nat	132.25	57	P	PKPdf	14 40 53.3 +2.8	S44A Carbondale	146.19	34	P	PKPab	14 41 17.2 -0.2	V48A Smith Brothers baz=318,SNR=5.8	148.95	34	ePKPbc	PKPbc	14 41 24.3 0.0
K22A Casper	132.75	41	P	PKPdf	14 40 54.0 +2.7	SIUC Southern Illin	146.20	34	ePKPdf	PKPab	14 41 17.0 -0.4	ODNJ Ogdensburg	148.98	12	ePKPbc	PKPbc	14 41 24.7 -3.5
ULM Lac du Bonnet	133.73	26	PKP	PKPdf	14 40 54.0 +1.3	O48A Farmland	146.24	27	P	PKPab	14 41 17.0 -0.5	T50A Nancy	149.00	30	P	PKPbc	14 41 24.3 -0.1
S22A 4UR Ranch, Cre	134.84	47	P	PKPdf	14 40 58.8 +3.2	V42A Cord	146.26	38	P	PKPab	14 41 17.3 -0.4	S51A Beattyville baz=323,SNR=7.8	149.08	27	ePKPbc	PKPbc	14 41 24.9 +0.4
SDCO Great Sand Dun	135.78	46	P	PKPdf	14 41 00.1 +2.8	R45A Skylar, Fairri baz=318	146.28	32	P	PKPab	14 41 17.7 +0.1	S51A Beattyville baz=325,SNR=9.1	149.08	27	P	PKPbc	14 41 25.0 +0.4
ANMO Albuquerque	136.27	50	P	PKPdf	14 41 02.0 +3.8	P47A Martinsville	146.35	29	P	PKPab	14 41 17.8 -0.1	Y46A Houston baz=319	149.09	39	P	PKPbc	14 41 25.1 +0.4
MNTX Corundus Mount	138.33	54	ePKPdf	PKPdf	14 41 04.1 +2.2	T44A Benton	146.44	35	P	PKPab	14 41 17.9 -0.4	244A Avery, Jackson baz=308	149.19	43	P	PKPab	14 41 25.7 -3.3
TXAR Lajas Array	140.55	57	PKIKP	PKPpre	14 41 00.1	HKT Hockley	146.52	51	ePKPbc	PKPab	14 41 19.5 +0.7	PAL Palisades	149.19	11	P	PKPab	14 41 25.5 -3.5
JCT Junction City	143.21	53	ePKPpre	PKPpre	14 41 08.0	Z40A Long Farm, Mag baz=307	146.54	44	P	PKPab	14 41 19.2 +0.3	X47A Russellville	149.25	37	P	PKPbc	14 41 25.2 +0.1
O1A Passleys Farm,	143.57	33	P	PKPdf	14 41 08.4 -2.6	S45A Carrier Mills	146.57	33	P	PKPab	14 41 18.4 -0.4	S52A Salyersville	149.28	27	P	PKPbc	14 41 25.3 +0.2
S39A Dolivar	143.85	39	ePKPdf	PKPdf	14 41 10.8 -0.9	ERPA Erie	146.59	19	P	PKPab	14 41 18.5 -0.2	W48A Pulaski baz=326	149.33	35	P	PKPbc	14 41 25.3 +0.1
M44 Midewin, Midew	144.08	28	P	PKPdf	14 41 10.2 -1.6	MMNY Mt. Morris Dam	146.63	16	ePKPdf	PKPab	14 41 18.2 -0.6	PB11 IPOP Station P	149.41	174	ePKPbc	PKPab	14 41 29.0 -1.7
TRQ Mont Tremblant	144.03	10	ePKPdf	PKPdf	14 41 10.1 -1.7	N50A Nevada	146.65	24	P	PKPab	14 41 18.3 -0.7	V49A McMinnville	149.43	33	P	PKPbc	14 41 25.8 +0.3
R40A Maddies Statio	144.08	36	P	PKPdf	14 41 07.9 -2.1	O49A Covington	146.65	26	P	PKPab	14 41 18.7 -0.3	T51A Greenville baz=320	149.47	29	P	PKPbc	14 41 26.0 +0.5
R40A Maddies Statio	144.08	36	P	PKPdf	14 41 07.9 -2.1	LVC Limon Verde	146.66	175	ePKPbc	PKPab	14 41 20.4 +0.4	U50A Jamestown baz=322,SNR=23	149.59	15	ePKPdf	PKPdf	14 41 21.3 +0.1
Q41A Truxton	144.21	34	P	PKPdf	14 41 10.6 -1.6	Y41A Eggleet Beard	146.70	42	P	PKPab	14 41 18.9 -0.5	MVL Millersville	149.59	15	ePKPdf	PKPdf	14 41 21.3 +0.1
P42A Winchester	144.24	33	P	PKPdf	14 41 10.6 -1.6	Q47A Bedord North L baz=322	146.72	29	P	PKPab	14 41 18.7 -0.6	Y47A UJCRC, Winfie baz=314,SNR=10	149.72	34	P	PKPbc	14 41 26.6 +0.4
P42A Winchester	144.24	33	P	PKPdf	14 41 10.6 -1.6	R46A Gibson Southern baz=320	146.73	31	P	PKPab	14 41 18.8 -0.6	W49A Belvidere baz=318,SNR=12	149.77	36	ePKPbc	PKPbc	14 41 26.0 -0.3
PQI Presque Isle	144.25	2	ePKPdf	PKPdf	14 41 11.0 -1.0	A48A Milroy	146.77	28	P	PKPab	14 41 18.4 -1.2	X48A Hartselle baz=316,SNR=6.1	149.77	36	P	PKPbc	14 41 26.1 -0.3
T39A Clever	144.29	39	P	PKPdf	14 41 10.7 -1.6	240A Hunter Patters baz=304	146.97	46	P	PKPab	14 41 19.2 -1.4	T52A Hallie	149.79	27	P	PKPbc	14 41 27.3 +0.9
WHTX Lake Whitney,	144.32	49	ePKPdf	PKPdf	14 41 11.9 -0.7	O50A Don Dixon Farm baz=328,SNR=7.8	146.99	25	P	PKPab	14 41 19.4 -1.0	SWET Seawee baz=326	149.83	33	ePKPbc	PKPbc	14 41 26.6 0.0
WHTX Lake Whitney,	144.32	49	P	PKPdf	14 41 11.3 -1.3	P49A Miami Univ. Ec baz=325	147.03	27	P	PKPab	14 41 19.4 -1.2	PSUB Penn St. - Bra	149.89	14	ePKPbc	PKPbc	14 41 26.8 +0.3
HHAR Hobbs	144.37	40	ePKPdf	PKPdf	14 41 11.0 -1.6	S46A North Vernon	147.05	29	P	PKPab	14 41 19.3 -1.3	U51A La Follette baz=323	149.90	29	P	PKPbc	14 41 27.3 +0.6
S40A Lebanon	144.41	37	P	PKPdf	14 41 11.3 -1.3	U44B Burton Farm, H baz=315	147.10	36	P	PKPab	14 41 19.6 -0.9	V50A Tazewell baz=317,SNR=7.2	149.92	29	ePKPbc	PKPbc	14 41 27.2 +0.5
N44A Piper City	144.44	29	P	PKPdf	14 41 11.3 -1.2	R47A Wooly Knot Far baz=321,SNR=9.5	147.17	30	P	PKPab	14 41 19.3 -1.3	TZTN Tazewell	149.99	29	ePKPbc	PKPbc	14 41 26.9 0.0
R41A Rosebud	144.58	35	P	PKPdf	14 41 11.8 -1.1	ACSO Alum Creek Sta baz=323,SNR=5.7	147.10	36	P	PKPab	14 41 20.2 -0.8	TZTN Tazewell	149.99	29	P	PKPbc	14 41 27.6 +0.7
U39A Green Forest	144.59	40	P	PKPdf	14 41 11.9 -1.1	ACSO Alum Creek Sta baz=323,SNR=5.7	147.17	24	ePKPdf	PKPbc	14 41 18.6 -0.9	SDMD Soldier's Dell baz=313	150.01	17	ePKPbc	PKPbc	14 41 27.1 +0.3
Q42A Golden Eagle	144.62	34	P	PKPdf	14 41 12.4 -0.5	ACSO Alum Creek Sta baz=323,SNR=5.7	147.17	24	ePKPdf	PKPbc	14 41 18.6 -0.9	247A Carrollton	150.04	39	P	PKPbc	14 41 27.3 +0.3
P43A Skaggs Pawnee	144.63	32	P	PKPdf	14 41 11.9 -1.0	M54A Oil Creek Stat baz=305	147.24	19	ePKPbc	PKPab	14 41 19.5 -1.4	MNMC Minye Minye	150.04	174	ePKPbc	PKPbc	14 41 29.1 +1.3
PLVO Plevna	144.66	13	P	PKPdf	14 41 12.9 +0.1	M54A Oil Creek Stat baz=305	147.24	19	ePKPbc	PKPab	14 41 20.1 -1.3	Y48A Jasper baz=312	150.08	37	P	PKPbc	14 41 27.1 0.0
N45A Kentland	144.70	28	P	PKPdf	14 41 12.5 -0.5	141A Papa Simpson, baz=306	147.25	44	P	PKPab	14 41 20.7 -1.0	X49A Woodville baz=318,SNR=8.8	150.13	35	P	PKPbc	14 41 27.8 +0.5
V39A Pettigrew	144.83	41	P	PKPdf	14 41 12.5 -1.0	Y42A Garnett, Star	147.27	42	P	PKPab	14 41 20.6 -1.1	W50A Signal Mountai baz=320,SNR=12	150.17	33	ePKPbc	PKPbc	14 41 27.7 +0.3
S41A Jilco Farms,	144.86	36	P	PKPdf	14 41 12.6 -0.8	WCI Wyandotte Cave baz=322	147.30	30	ePKPbc	PKPab	14 41 19.6 -2.1	W50A Signal Mountai baz=320,SNR=12	150.17	33	P	PKPbc	14 41 27.5 +0.1
R42A Luebering	144.92	35	P	PKPdf	14 41 13.0 -0.5	WCI Wyandotte Cave baz=322	147.30	30	ePKPbc	PKPab	14 41 19.7 -2.1	V51A Loudon	150.20	31	ePKPbc	PKPbc	14 41 27.9 +0.6
U40A Yellville	145.00	39	P	PKPdf	14 41 13.0 -0.7	WCI Wyandotte Cave baz=322	147.30	30	ePKPbc	PKPab	14 41 20.6 -1.1	V51A Loudon	150.20	31	P	PKPbc	14 41 28.1 +0.7
N46A Monticello	145.02	28	P	PKPdf	14 41 13.3 -0.3	P50A Jamestown baz=322,SNR=6.0	147.36	26	P	PKPab	14 41 20.3 -1.6	U52A Thorn Hill	150.29	29	P	PKPbc	14 41 28.0 +0.5
DELO Deloro Mine	145.03	14	P	PKPdf	14 41 13.7 +0.3	Q49A Pataaskala	147.38	28	P	PKPab	14 41 20.4 -1.5	Z48A Northport	150.23	38	P	PKPbc	14 41 27.8 +0.3
O45A Potomac	145.06	29	P	PKPdf	14 41 13.5 -0.1	O51A Pataaskala	147.40	24	P	PKPab	14 41 20.5 -1.5	147A Livingston	150.27	40	ePKPbc	PKPbc	14 41 28.0 +0.8
LMN Caledonia Moun	145.08	358	ePKPbc	PKPdf	14 41 12.6 -0.9	R48A Northridge Ran baz=322	147.40	29	P	PKPab	14 41 20.5 -1.5	147A Livingston	150.27	40	P	PKPbc	14 41 28.0 +0.4
W39A Magazine	145.13	42	ePKPbc	PKPdf	14 41 13.9 0.0	T46A Princeton	147.41	33	P	PKPab	14 41 20.9 -1.2	CPCT Cooper Cave	150.39	31	ePKPbc	PKPbc	14 41 28.5 +0.7
W39A Magazine	145.13	42	P	PKPdf	14 41 13.8 -0.2	Z42A Norrel Spur, H	147.51	43	P	PKPab	14 41 21.1 -1.0	W51A Cleveland	150.42	32	P	PKPbc	14 41 28.7 +0.6
L48A N Adams	145.14	24	P	PKPdf	14 41 13.7 -0.1	S47A Hartford	147.53	31	P	PKPab	14 41 21.0 -1.0	V52A Sevierville baz=324	150.54	30	ePKPbc	PKPbc	14 41 29.2 +1.0
ELFO Elginfield	145.19	19	P	PKPdf	14 41 14.3 +0.5	TRY Troy	147.57	10	ePKPbc	PKPab	14 41 21.6 -1.0	X50B Fort Payne baz=319,SNR=10	150.54	34	P	PKPbc	

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like Opelika, Williamson, Waverly Hall, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like JAGI, IGBI, DNP, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like JAGI, IGBI, DNP, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like WRA, ASAR, CMAR, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like PCIG, TGIG, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like IGBI, JAGI, DNP, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like IGC, MOS, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like KOFF, KOKU, KOWE, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like SVWZ, ANM, CNPM, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like CAST, GHO, KTH, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like EYAK, IM3, MCK, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like PEAOB, PETK, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like PETK, FYU, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like BBO, SHO, ASAJ, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like KLR, JRTM, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like MAJO, MAJAO, etc.

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like MJAR, MJAR, etc.

Code Station Name Azimuth Phase ID Time Res

11d 15h

Table of astronomical observations for 11d 15h, listing stations like LDFC, KNB, SRU, W13A, O20A, etc., with columns for station name, coordinates, and observation data.

2012 SEP

Main table of astronomical observations for 2012 SEP, listing stations like FINES, NOA, AAK, etc., with columns for station name, coordinates, and observation data.

724

Table of astronomical observations for 724, listing stations like OKH, OKK, OKL, etc., with columns for station name, coordinates, and observation data.

MAN 11 50:35.5, 8.31N:123.06E, h12km, mb4.6, ML3.5, MS3.4, 2C-2D, Mindanao

Table listing station names and codes for the MAN 11 50:35.5, 8.31N:123.06E observation, including DCPH, PAGZ, SNPH, etc.

DJA 11 50:42.8, 1.3, 11'S:12°11'4E, h17km±19km, M3.5/7, ML3.5/7, South of Jawa

Table listing station names and codes for the DJA 11 50:42.8, 1.3, 11'S:12°11'4E observation, including JAGI, GMJI, SRBI, etc.

ISCJB 11 50:42.5, 0.6, 50.64N:0.02:143.13E:0.05, h11km±4km, mb4.0/16, Error ellipse: s-maj=5.7km s-min=3.2km az=176.4

MOS 11 50:42.4, 1.1, 50.70N:143.22E, h12km, mb4.7/5, Error ellipse: s-maj=12.9km s-min=6.2km az=86.3

SKHL 11 50:42.5, 3.1, 1.50:66N:143.03E, h11km±1km, mb5.2/11, Ms4.0/2, msh4.7/3

NEIC 11 50:42.5, 2.6, 50.66N:143.16E, h5km±17km, mb4.6/3, Error ellipse: s-maj=8.8km s-min=5.5km az=133.0

ISC 11 50:42.7, 1.1, 50.66N:0.03:143.14E:0.04, h19km±7km, n67, ±1572/88, mb4.1/16, 4C-2D, Sakhalin Island

Table listing station names and codes for the ISC 11 50:42.7, 1.1, 50.66N:0.03:143.14E observation, including TYV, UGL, SHO, etc.

GRNR Gornyy 4.27 274 eP ePg A Sb Pn Pn Pn

Table listing station names and codes for the GRNR Gornyy observation, including GRNR, KUR, etc.

ASAJ Asahikawa 6.56 183 Pn Pn Pn Pn

Table listing station names and codes for the ASAJ Asahikawa observation, including ASAJ, EKMR, etc.

TEY Ternel 7.14 220 eP A Sg A Sg A Sg A

Table listing station names and codes for the TEY Ternel observation, including SHO, etc.

SHO Shikotan 7.25 158 eP A Sg A Sg A Sg A

Table listing station names and codes for the SHO Shikotan observation, including SHO, etc.

SHO KLR 7.25 158 ePn Pn Pn Pn

Table listing station names and codes for the SHO KLR observation, including ERM, etc.

PETK Petropavlovsk 9.33 69 Pn Pn Pn Pn

Table listing station names and codes for the PETK Petropavlovsk observation, including PEAI, etc.

MA2 Magadan 9.94 23 Pn Pn Pn Pn

Table listing station names and codes for the MA2 Magadan observation, including MA2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KMSI Cibinong, SANI Sanana, LBMI Labuha, etc.

MAN 11 15:21:29.4, 5.79N, 126.50E, h8km, mb4.7, ML3.6, MS3.5, 1C, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DMAT Don Marcelino, DDMI Mati, etc.

DJA 11 15:42:05.3, 0.5, 4S, 4.129E, h59km, mb7km, M3.1/6, ML3.1/6, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MSAI Masohi, AAI Ambon, FAKI Fak Fak, etc.

MAN 11 15:20:23.9, 12.48N, 123.58E, h8km, mb4.5, ML3.3, MS3.2, 4C, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MMHP Masbate, CNP Catrangan, RCP Roxas, etc.

IDC 11 15:53:46.6, 1.1, 11.50N, 140.45E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.5/36, mbtmtp3.5/6, ML3.7/1, MS3.0/2, Ms1 3.0/2, ms1mx2.5/25, Error ellipse: s-maj=36.2km s-min=21.5km az=96.0

ISC/JB 11 15:53:20.2, 0.9, 11.5N, 0.1, 140.6E, 0.2, h43km, mb3.5/5, MS2.9/1, Error ellipse: s-maj=23.2km s-min=16.3km az=31.3

ISC 11 15:53:52.2, 1.0, 11.5N, 0.2, 140.6E, 0.2, h43km, n8, +1511/6, mb3.5/5, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, JOW Kunigami, JNU Nakatsue, etc.

GUC 11 16:02:35.4, 0.5, 35.85S, 73.50W, h24km, 9km, ML4.1, SJA 11 16:02:36.1, 0.7, 35.85S, 73.75W, h46km, 13km, ML3.6, MW4.4

IDC 11 16:02:40.5, 5.1, 35.82S, 72.37W, h0km, mb3.7/2, mb1 3.8/4, mb1mx3.6/26, mbtmtp3.7/4, ML3.4/2, MS3.2/2, Ms1 3.1/2, ms1mx2.8/27, Error ellipse: s-maj=151.5km s-min=20.6km az=86.0

ISC 11 16:02:35.8, 2.2, 35.87S, 0.04, 73.51W, 0.10, h1km, 14km, n23, +1943/25, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CCSP San Pedro de C, CCHI Chillan, etc.

IDC 11 16:06:04.1, 3.5, 10.00N, 126.41E, h0km, mb3.3/3, mb1 3.3/3, mb1mx3.3/37, mbtmtp3.3/3, Error ellipse: s-maj=275.7km s-min=28.5km az=66.0

ISC 11 16:06:07.8, 1.4, 10.1N, 10.2, 126.1E, 0.3, h35km, n6, +4948/8, mb3.2/3, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PLP Palo, BESP Borongan, etc.

ISC/JB 11 16:36:48.9, 0.1, 11.84N, 0.02, 143.21E, 0.02, h8km, mb5.6/389, MS5.7/179, Error ellipse: s-maj=2.6km s-min=2.0km az=157.0

IDC 11 16:36:48.9, 0.1, 11.84N, 143.28E, h0km, mb5.3/4/5, mb1 5.3/4/9, mb1mx5.3/4, mbtmtp5.3/4/9, ML4.4/3, MS5.6/4/1, Ms1 5.6/4/1, ms1mx5.3/5, Error ellipse: s-maj=12.5km s-min=7.6km az=80.0

BUI 11 16:36:48.7, 12.04N, 143.30E, h6km, mb5.4/6/5, mb5.8/7/4, MS5.9/91, Ms7.5/8/4

NEIC 11 16:36:49.8, 0.1, 11.84N, 143.22E, h8km, mb5.8/28/5, MS5.6, MS5.7/89, MW5.8, MS5.9, Error ellipse: s-maj=2.6km s-min=2.3km az=107.0, Moment Tensor Solution: s73 Moment tensor: Scale 1071Nm; Mr=1.4; Mb=4.93; Mw=0.78; Ms=0.04; Mw=1.20; Mw=1.17; Best double couple: Mr=7.000000, NP2=77.000000, NP3=261.000000, s21.000000, s83.000000, NP2=77.000000, s69.000000, s89.000000. Principal axes: T 6.460000, Plg66.000000, Azm345.000000; N 1.020000, Plg1.000000, Azm78.000000; P -7.480000, Plg24.000000, Azm168.000000; Broadband fault plane solution: P waves. NP1=250.000000, s10.000000, s90.000000. NP2=70.000000, s80.000000, s90.000000. Principal axes: T Plg55.000000, Azm340.000000; P Plg0.000000, Azm0.000000; P Plg35.000000, Azm160.000000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

DJA 11 16:36:50.0, 0.9, 12.1N, 143.3E, h12km, mb5.8/5/9, Mw5.6/5/9, mb5.2/5/6, ML4.1/1/1, Mw1(MB)5.8/5/6, Mw1p.0/12

NEIC 11 16:36:50.0, 0.0, 11.59N, 143.43E, h15km, Moment Tensor Solution: s33 Moment tensor: Scale 1071Nm; Mr=18.15; Mw=7.06; Ms=1.09; Ms=2.57; Mw=0.24; Mw=1.59; Best double couple: Mr=8.200000, NP1=98.000000, s55.000000, s101.000000. NP2=259.000000, s36.000000, s75.000000. Principal axes: T 8.830000, Plg76.000000, Azm44.000000; N -1.350000, Plg9.000000, Azm271.000000; P -7.480000, Plg9.000000, Azm180.000000.

MOS 11 16:36:52.4, 0.9, 11.86N, 143.14E, h33km, mb6.0/9/3, MS5.8/44, Error ellipse: s-maj=6.7km s-min=4.1km az=104.0

GJMT 11 16:36:54.8, 0.1, 11.60N, 143.11E, h12km, MW5.9/147, Moment Tensor Solution: s135c277; s147c480; Duration: 2s3 Moment tensor: Scale 1019Nm; Mr=0.82e01; Mw=0.89e01; Ms=0.07e01; Mw=0.49e01; Mw=0.18e01; Mw=0.23e01. Best double couple: lambda1.027000e10 NP1=98.000000, s61.000000, s109.000000. NP2=242.000000, s34.000000, s59.000000. Principal axes: T 1.022000, Plg68.000000, Azm46.000000; N 0.010000, Plg17.000000, Azm268.000000; P -1.032000, Plg14.000000, Azm174.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=40s. Triangular moment-rate function

ISC 11 16:36:52.6, 0.7, 11.81N, 0.03, 143.29E, 0.03, h25km, 4km, n113, +1561/13km, mb5.7/399, MS5.7/185, 53C-14D, South of Mariana Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WAMI Wamena, SWI Sorong, etc.

BALP Baler, HJH Hachijo jima 2, etc.

AAI Ambon, SJMP San Jose, etc.

NLAI Namlea, SANI Sanana, etc.

BBP Basco, DDMI Mati, etc.

WAKE Wake Island, YULB Yu-ii, etc.

NACB Ninganchiao, MRSI Marisa, etc.

JNU Nakatsue, JNU Nakatsue, etc.

INU Inuyama, SSSL Suanglung, etc.

YHNB Yehent, TPUB Ta-pu, etc.

TATO Taipei, APSI Ampara, etc.

MJAR Matushiro, MAJO Matushiro, etc.

MAJO Matushiro, MAJO Matushiro, etc.

MAJO Matushiro, MAJO Matushiro, etc.

MAJO Matushiro, MAJO Matushiro, etc.

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MAJO Matushiro, MAJO Matushiro, etc.

MAJO Matushiro, MAJO Matushiro, etc.

MAJO Matushiro, MAJO Matushiro, etc.

SMKI	Samarinda	28.62 247	P	P	16 42 48.7 +1.3
BKSI	Bulukumba	28.65 235	P	P	16 42 48.2 +0.6
KAPI	Kappang	28.77 236	PFAKE	LR	16 43 00.0 +11
KSRs	Korea Array	29.02 334	P	P	16 42 49.8 -0.8
KSRs	comp=Z,2.1nm,1.1s,baz=149,slow=9.4,SNR=57		PcP	PcP	16 46 00.7 +2.0
KSRs	comp=Z,6.2nm,1.1s,baz=169,slow=3.1,SNR=58		ScP	ScP	16 49 41.0 +2.2
KSRs	comp=Z,4.8nm,1.0s,baz=169,slow=3.3,SNR=8.6		LR	LR	16 53 53.4
KS15	Wonju Array Si	29.03 334	eP	P	16 42 48.9 -1.7
KSAR	Wonju Array Be	29.03 334	P	P	16 42 49.8 -0.9
KSAR	Wonju Array Si	29.03 334	PcP	PcP	16 46 00.7 +1.9
KSAR	Wonju Array Be	29.03 334	ScP	ScP	16 42 49.8 -0.9
KS01	Wonju Array Si	29.05 334	eP	P	16 42 49.5 -1.4
MMRI	Maumere	29.17 227	P	P	16 42 52.6 +0.4
MMRI	Maumere	29.17 227	eP	P	16 42 52.0 -0.2
INCN	Inchon	29.61 333	eP	P	16 42 54.5 -1.4
INCN	comp=Z,3.7nm,0.9s		MLR	MLR	
INCN	comp=Z,1.4um,19.0s		LR	LR	
INCN	Inchon	29.61 333	P	P	16 42 55.4 -0.5
INCN	SNR=7.1		P	P	16 42 55.4 -0.5
INCN	Inchon	29.61 333	P	P	16 42 54.5 -1.4
INCN	SNR=7.1		eP	P	16 42 54.5 -1.4
INCN	Inchon	29.61 333	eP	P	16 42 54.5 -1.4
EDFI	Ende, Flores	29.64 227	P	P	16 42 56.4 -0.1
ERM	Ermo	30.09 360	PFAKE	LR	16 43 10.0 +10
ERM	Ermo	30.09 360	dP	P	16 42 58.9 -1.1
ERM	comp=Z,1.1um,20.0s		MLR	MLR	
NJ2	Nanjing	30.20 316	eP	P	16 43 00.6 -0.5
NJ2	comp=Z,2um,6.5s		PP	PnPn	16 43 57.7 -1.3
NJ2	comp=Z,1.2um,17.9s		S	S	16 47 58.4 -0.6
NJ2	comp=Z,9um,20.6s		SS	SS	16 48 07.8 +0.4
NJ2	comp=Z,1.5um,17.9s		ScP	ScP	16 49 44.7 +1.9
NJ2	Guangzhou	30.63 296	P	P	16 43 04.4 -0.6
GZH	comp=Z,2um,8.3s		PP	PnPn	16 48 07.4 +1.4
GZH	comp=Z,1.0um,15.1s		S	ScS	16 49 47.6 +0.5
GZH	comp=Z,1.0um,15.1s		PcS	PcS	
GZH	comp=Z,2um,8.3s		MLR	MLR	
MTKI	Muara Teweh, K	30.92 248	P	P	16 43 07.7 0.0
TARA	Tarawa	31.17 107	eP	P	16 43 09.1 -0.9
WSI	Waigapu	31.27 228	P	P	16 43 08.9 -1.8
CTA	Charters Tower	31.83 175	P	P	16 43 15.8 +0.2
CTA	comp=Z,2.4nm,0.9s,baz=360,slow=10,SNR=12		LR	LR	16 55 22.5
CTAO	Charters Tower	31.83 175	eP	P	16 43 15.0 -0.6
CTAO	comp=Z,2.58nm,1.6s		LR	LR	
CTAO	Charters Tower	31.83 175	eP	P	16 43 15.0 -0.6
CTAO	comp=Z,2.58nm,1.6s		MLR	MLR	
WBSI	Waikabubak, Su	31.92 229	P	P	16 43 15.0 -1.5
YUK	Yuzh-Kuril'sk	32.19 30eP	P	P	16 43 18.3 -0.1
ASAJ	Asahikawa	32.20 359	P	P	16 43 18.1 -0.4
ASAJ	comp=Z,1.2nm,0.6s,baz=226,slow=10.0,SNR=12		P	P	16 43 18.3 -0.3
MSHR	Myrs Shultsa	32.42 343c	iP	P	16 43 20.3 -0.3
PLAI	Plampang	32.62 232	P	P	16 43 20.8 -1.8
WHN	Wuhan	32.65 309	iP	P	16 43 23.0 +0.3
WHN	comp=Z,2.2um,11.4s		S	S	16 48 42.2 +4.8
WHN	comp=Z,260nm,1.8s		P	P	16 43 23.1 -0.6
WHN	comp=Z,1.2um,16.1s		LR	LR	16 57 21.7
WHN	comp=Z,2.4um,19.3s		LR	LR	
WHN	comp=Z,2.8um,18.0s		LR	LR	
WRA	Warramunga Arr	32.76 196	P	P	16 43 23.1 -0.6
WRA	comp=Z,56nm,0.8s,baz=18,slow=3.4,SNR=150		LR	LR	17 14 44.6
WRA	comp=Z,36um,18.0s,baz=30,slow=38		P3Kpbc	P3Kpbc	
QIZ	Qiongzong	32.99 287	S	S	16 43 24.0 -1.9
QIZ	comp=Z,1.1nm,0.7s,baz=202,slow=4.2,SNR=5.2		P	P	16 48 43.7 +0.6
QIZ	comp=Z,4um,14.7s		LR	LR	
QIZ	comp=Z,7um,16.9s		LR	LR	
QIZ	comp=Z,7um,17.1s		LR	LR	
DL2	Dalian	33.16 328	iP	P	16 43 26.9 -0.2
DL2	comp=Z,53nm,1.1s		PP	PnPn	16 44 36.1 -1.2
DL2	comp=Z,2um,8.7s		S	S	16 48 47.7 +2.5
DL2	comp=Z,7um,18.2s		P	P	
DL2	comp=Z,7um,18.3s		LR	LR	
TWSI	Taiwang, Sumb	33.26 233	P	P	16 43 26.9 -1.3
KUR	Kuril'sk	33.54 6c	iP	P	16 44 40.5
KUR	comp=Z,2um,6.0s		e	e	16 46 11.1
KUR	comp=Z,151nm,1.4s		eS	S	16 48 53.8 +3.0
KUR	comp=Z,4um,16.0s		iSSS	SSS	16 51 14.0
KUR	comp=N,3um,18.0s		e	e	16 53 58.0
KUR	comp=E,2um,14.0s		P	P	
TEY	Ternei	33.60 351	eP	P	16 43 29.8 -1.0
TEY	comp=E,5um,16.0s		MLR	MLR	
TEY	comp=N,4um,19.0s		MLR	MLR	
STKI	Sintang	33.67 252	P	P	16 43 29.6 -2.3
USA0B	Ussuriysk Arra	33.71 348	eP	P	16 43 31.8 0.0
USRK	Ussuriysk Ar.	33.71 345	P	P	16 43 32.2 +0.4
USRK	comp=Z,52nm,0.9s,baz=164,slow=8.3,SNR=115		e	e	16 55 48.3
TIA	Tai'an	33.87 320	P	P	16 43 33.1 -0.3

TIA	comp=Z,1um,8.4s		S	S	16 48 54.5 -1.9
TIA	comp=Z,8um,18.0s		Pmax	Pmax	
TIA	comp=Z,2um,12.4s		LR	LR	
TIA	comp=Z,9um,18.8s		LR	LR	
SRBI	Singaraia	34.21 236	P	P	16 43 37.5 +1.0
FITZ	Fitzroy Crossi	34.45 211	P	P	16 43 37.8 -0.7
FITZ	comp=Z,1.15nm,1.3s,baz=45,slow=8.7,SNR=24		P	P	16 59 23.2
SNY	Shenyang	34.52 334	iP	P	16 43 38.3 -0.5
SNY	comp=Z,20nm,1.1s		e	e	16 48 57.8 -8.3
SNY	comp=Z,2um,9.1s		Pmax	Pmax	
SNY	comp=Z,1.2um,16.7s		LR	LR	
SNY	comp=Z,8um,17.3s		LR	LR	
SNY	comp=Z,13um,17.6s		LR	LR	
PBKJ	Pangkalan Bun	34.59 247	P	P	16 43 39.7 -0.1
MDJ	Mudanjiang	34.74 343	P	P	16 43 36.6 -4.2
MDJ	comp=Z,10nm,1.7s		pP	pP	16 43 40.6 -7.7
MDJ	comp=Z,19nm,0.9s		pP	pP	16 43 43.5 -7.8
MDJ	comp=Z,2um,7.5s		PP	PP	16 44 50.6 -6.6
MDJ	comp=Z,10um,18.0s		S	S	16 49 12.6 +3.0
MDJ	comp=Z,4um,20.3s		ScS	ScS	16 53 56.1 -5.1
MDJ	comp=Z,13um,20.4s		P	P	
MDJ	comp=Z,10nm,1.7s		e	e	16 43 38.9 -1.8
MDJ	comp=Z,19nm,0.9s		eP	eP	16 43 41.9 -1.3
YSS	Yuzh-Sakhalins	35.03 359	iP	P	16 43 42.5 -0.7
YSS	comp=Z,20nm,1.2s		e	e	16 43 50.1
YSS	comp=Z,3um,9.6s		eS	S	16 44 55.8
YSS	comp=N,2um,10.5s		Pmax	Pmax	16 49 21.2 +7.3
YSS	comp=N,4um,16.0s		Pmax	Pmax	
YSS	comp=Z,1.4um,16.0s		MLR	MLR	
YSS	comp=N,10um,16.0s		MLR	MLR	
JAGI	Jajag, Banyuw	35.29 236	P	P	16 43 45.7 -0.2
JAGI	Jajag, Banyuw	35.29 236	eP	P	16 43 45.1 -0.7
BLJI	Banyuglugur	35.35 338	P	P	16 43 48.3 +1.9
CN2	Changchun	35.40 237	eP	P	16 43 45.4 -1.1
CN2	comp=N,2um,4.0s		eP	eP	16 43 50.0 -4.0
CN2	comp=N,16um,18.0s		eS	S	16 49 19.1 -0.6
CN2	comp=N,7um,18.0s		Pmax	Pmax	
CN2	comp=N,16um,18.0s		LR	LR	
GMJ2	Gumukmas	35.77 237	P	P	16 43 49.8 -0.1
ENH	Enshi	36.31 306	eP	P	16 43 54.2 -0.3
ENH	comp=Z,8um,20.0s		LR	LR	
AS01	Alice Springs	36.42 195	eP	P	16 43 54.4 -1.1
AS31	Alice Springs	36.43 195	eP	P	16 43 54.8 -0.8
ASAR	Alice Springs	36.44 195	P	P	16 43 55.1 -0.4
ASAR	comp=Z,49nm,1.1s,baz=20,slow=8.2,SNR=57		LR	LR	16 59 29.9
ASAR	comp=Z,31um,18.7s,baz=16,slow=37		P3Kpbc	P3Kpbc	17 14 29.0
BJT	Bajitauau	36.92 324	eP	P	16 43 58.6 -0.8
BJT	comp=Z,25um,19.0s		LR	LR	
BJT	comp=Z,50nm,0.7s		eP	P	16 43 58.7 -0.8
BJT	comp=Z,25um,19.0s		MLR	MLR	
BJI	Beijing	36.93 324	P	P	16 43 59.3 -0.3
BJI	comp=Z,4um,8.1s		PP	PP	16 45 22.2 -1.8
BJI	comp=Z,9um,17.5s		S	S	16 49 35.5 -7.7
BJI	comp=Z,61nm,1.4s		Pmax	Pmax	
BJI	comp=Z,6um,19.4s		LR	LR	
BJI	comp=Z,3um,18.5s		LR	LR	
NGJ	Ngawi	36.95 240	P	P	16 44 00.1 +0.1
PWJ	Pagerwojo	37.00 239	P	P	16 46 00.4 0.0
GYA	Guiyang	37.39 298	iP	P	16 44 04.7 +0.8
GYA	comp=Z,3um,18.5s		PP	PnPn	16 45 31.0 +0.9
GYA	comp=Z,3um,18.5s		PcP	PcP	16 46 23.2 +0.6
GYA	comp=Z,3um,18.5s		S	S	16 49 51.6 +0.7
GYA	comp=Z,3um,18.5s		SS	SS	16 52 22.4 -6.2
GYA	comp=Z,30nm,1.0s		Pmax	Pmax	
GYA	comp=Z,1um,9.1s		LR	LR	
GYA	comp=Z,5um,19.4s		LR	LR	
GYA	comp=Z,5um,17.6s		LR	LR	
GYA	comp=Z,7um,16.9s		LR	LR	
PCJ	Pacitan	37.62 240	P	P	16 44 05.5 -0.2
WOJ	Wonogiri, Jawa	37.65 240	P	P	16 44 06.0 0.0
EIDS	Eidsvold	37.73 168	eP	P	16 44 05.5 -0.9
UGM	Ungaran	38.03 241	P	P	16 44 10.1 +0.9
UGM	Wanagama	38.03 241	eP	P	16 44 09.2 -0.1
XAN	Xi'an	38.34 311	iP	P	16 44 11.2 -0.5
XAN	comp=Z,1um,1.5s		PcP	PcP	16 44 00.4 -2.1
XAN	comp=Z,2.1nm,0.7s		S	S	16 50 06.0 +1.1
XAN	comp=Z,2um,8.2s		Pmax	Pmax	
XAN	comp=Z,11um,18.6s		LR	LR	
XAN	comp=Z,12um,19.1s		LR	LR	
KLR	Kul'dur	38.38 282	P	P	16 44 13.4 +1.3
KLR	comp=Z,32nm,1.4s,comp=Z,2um		P	P	16 44 12.9 +0.1
KLR	comp=Z,50nm,0.9s,baz=155,slow=7.1,SNR=87		P	P	16 44 13.0 +0.1
TYV	Tymovskoe	38.52 348	P	P	16 44 15.9 -0.5
TYV	comp=Z,3um,18.5s		eS	S	16 50 17.3 +3.9
TYV	comp=Z,47nm,1.4s		Pmax	Pmax	
TYV	comp=Z,2um,5.9s		Pmax	Pmax	
TYV	comp=N,2um,7.5s		smax	smax	
TYV	comp=N,19nm,1.9s		smax	smax	
NONG	Nongkai	39.23 284	P	P	16 44 20.5 +1.3
GRNR	Gornyy	39.25 353	iP	P	16 44 19.5 +0.5
GRNR	comp=Z,0.8nm,1.4s,comp=N,8nm		e	e	16 46 30.1

GRNR	comp=Z,100nm,1.0s		Pmax	Pmax	
KHON	Khomkaen	39.47 281	P	P	16 44 23.3 +2.0
LEM	Lembang	40.02 244	P	P	16 44 27.6 +1.5
LEM	comp=Z,1.74nm,0.9s,baz=82,slow=5.0,SNR=12		LR	LR	17 02 48.5
MBWA	Marble Bar	40.12 215	eP	P	16 44 26.2 -0.4
MBWA	Marble Bar	40.12 215	P	P	16 44 27.1 +0.5
HHC	Hu-ho-hao-te	40.16 322	eP	P	16 44 27.2 +0.3
HHC	comp=Z,29nm,1.0s		PP	PnPn	16 45 03.9 +0.2
HHC	comp=Z,2um,5.6s		S	S	16 50 34.3 +2.1
HHC	comp=Z,8um,18.2s		Pmax	Pmax	16 54 33.4 +1.1
HHC	comp=Z,10um,19.2s		LR	LR	
HHC	comp=Z,12um,17.9s		LR	LR	
SKR	Severo-Kuril's	40.16 13	eP	P	16 44 21.8 -4.7
SKR	comp=Z,12um,17.9s		e	e	16 45 58.0
SKR	comp=Z,2um,4.7s		eS	SS	16 50 22.9 -8.7
SKR	comp=Z,2um,4.7s		Pmax	Pmax	16 53 29.8 -0.1
SKR	comp=Z,1um,14.0s		Pmax	Pmax	
SKR	comp=Z,6um,16.0s		MLR	MLR	
SRAK	Srakaw	40.23 278	P	P	16 44 25.2 -2.5
CHAI	Chaiyaphum	40.27 281	P	P	16 44 29.2 +1.3
KMI	Kunming	40.52 295	P	P	16 44 31.5 +1.3
KMI	comp=Z,28nm,0.8s		pP	pP	16 44 33.3 -4.4
KMI	comp=Z,2um,7.9s		S	S	16 46 03.2 -0.5
KMI	comp=Z,3um,16.1s		SS	SS	16 50 39.8 +1.6
KMI	comp=Z,5um,18.0s		Pmax	Pmax</	

AAK	Ala-Archa	66.51 311	i P	P	16 47 40.7 +0.1	PAX	Paxson	71.05 27	eP	P	16 48 08.5 +0.1	D04D	Lakebay	84.09 43	P	P	16 49 23.6 +2.2	
AAK	Ala-Archa	66.51 311c	i P	P	16 47 40.7 +0.1	PAX	Paxson	71.05 27	eP	P	16 48 08.5 +0.1	G03D	McMinnville, O	84.13 45	P	P	16 49 23.0 +1.3	
AAK	comp=Z,21nm,1.5s		pmx	pmx		PAX	comp=Z,306nm,1.7s		pmx	pmx		F04D	Rainier, OR	84.14 44	P	P	16 49 23.3 +1.6	
AAK	MLR		MLR	MLR		BMRM	Bremner River	71.08 29	eP	P	16 48 08.6 0.0	COR	Corvallis	84.22 46	eP	P	16 49 22.5 +0.4	
NIL	Nilore	66.99 302	eP	P	16 47 43.7 0.0	HARP	HAARP	71.08 28	eP	P	16 48 08.8 +0.3	COR	Corvallis	84.22 46	eP	P	16 49 22.5 +0.4	
NIL	comp=Z,156nm,1.1s		LR	LR		RIDG	Independ'e Rid	71.48 26	eP	P	16 48 10.7 -0.2	COR	Corvallis	84.22 46	eP	P	16 49 22.5 +0.4	
NIL	comp=Z,2um,19.0s		LR	LR		DOT	Dot Lake	71.80 27	eP	P	16 48 12.5 -0.3	K02D	Willamette Mer	84.31 48	P	P	16 49 24.2 +1.5	
NIL	comp=Z,2um,19.0s		LR	LR		FYU	Fort Yukon	71.89 24	eP	P	16 48 13.9 +0.6	B05A	Bryant	84.33 42	P	P	16 49 24.3 +1.7	
NIL	comp=Z,156nm,1.1s		MLR	MLR		SCRK	Sand Creek	71.89 26	eP	P	16 48 12.9 -0.6	E04D	Cinebar	84.35 44	P	P	16 49 24.2 +1.4	
POO	Poona	67.02 285	eP	P	16 47 42.3 -1.8	TGL	Tana Glacier	71.90 30	eP	P	16 48 13.5 -0.1	I03D	Drain, OR	84.35 47	P	P	16 49 24.3 +1.5	
POO	Erkin-Say	67.04 311	i P	I/Amb	16 47 44.5	BALM	Baldy	72.17 29	eP	P	16 48 15.2 -0.1	L02D	Cave Junction,	84.46 48	P	P	16 49 25.1 +1.7	
EKSZ	Sufi-Kurgan	67.05 308	i P	P	16 47 44.5 +0.3	BALM	Baldy	72.17 29	eP	P	16 48 15.2 -0.1	KHMM	Horse Mountain	84.60 50	eP	P	16 49 24.7 +0.3	
SFK	comp=Z,56nm,1.4s		pmx	pmx		PPT	Papeete	72.42 113	LR	LR	17 13 33.1	D05A	Enumclaw	84.62 43	eP	P	16 49 23.9 -0.2	
SFK	Almayashu	67.06 311	P	P	16 47 45.3 +0.9	PPT2	Papeete2	72.43 113	eP	P	16 48 17.9 +0.5	H04D	Lebanon	84.63 46	P	P	16 49 25.7 +1.5	
AML	Noril'sk	67.31 341	P	P	16 47 44.9 -0.1	PPT2	comp=Z,4um,26.0s		eLQ	LQ	16 57 37.4 -2.9	LO1	Laird	84.83 43	eP	P	16 49 25.5 +0.3	
NRIK	comp=Z,61nm,1.0s,baz=331,slow=24,SNR=68		LR	LR	17 16 41.5	PPT2	comp=Z,5um,30.2s		eLR	LR	17 16 57.3	LO1	Longmire	84.83 43	eP	P	16 49 25.5 +0.3	
GOA	Goa	67.35 282	eP	P	16 47 44.7 -1.5	PPT2	comp=Z,4um,22.2s,baz=289		eLR	LR	17 17 01.3	HUMO	Hull Mountain	84.84 48	eP	P	16 49 26.6 +1.3	
GOA	comp=Z,7um,20.5s,baz=62,slow=36		I/Amb	I/Amb	16 47 47.4	TVO	Tarabai	72.78 113	eP	P	16 48 20.0 +0.5	KCPM	Cahto Peak	84.94 51	eP	P	16 49 28.0 +2.0	
HOM	Home	67.37 30	eP	P	16 47 45.9 +0.4	DGAR	Diego Garcia	72.99 258	PF	FAKE	16 48 30.0 +9.2	H04A	Detroit Lake	84.98 46	eP	P	16 49 27.0 +0.2	
CNPM	China Poot	67.53 30	eP	P	16 47 45.7 -0.9	DGAR	Diego Garcia	72.99 258	PF	FAKE	16 48 30.0 +9.2	I04A	Tendick Farm,	85.00 46	P	P	16 49 26.3 +0.8	
BRLK	Bradley Lake	67.77 30	eP	P	16 47 47.0 -1.1	PCA	Pinnacle	73.09 31	eP	P	16 48 21.2 +0.6	YKA	Yellowknife Ar	85.13 27	P	P	16 49 26.8 +0.5	
MNAS	Manas	67.97 311	P	P	16 47 50.0 +0.2	PMOR	Pomarioleo R	73.16 110	eP	P	16 48 21.9 +0.2	M02C	Callahan	85.13 27	eP	P	16 49 26.5 +0.1	
MNAS	comp=Z,53nm,1.9s		pmx	pmx		PMOR	Poriorio Ree	73.16 110	eT	T	18 08 08.3	YKBS	Yellowknife Ar	85.13 27	eP	P	16 49 26.5 +0.1	
PPLA	Purkeypile	68.06 26	eP	P	16 47 49.7 -0.3	EGAK	Eagle	73.23 26	eP	P	16 48 21.1 -0.2	M02C	Callahan	85.13 27	eP	P	16 49 26.5 +0.1	
SKT	Skwentna	68.08 28	eP	P	16 47 48.7 -1.3	EGAK	comp=Z,100nm,1.0s		LR	LR		C06D	Leavenworth	85.19 42	P	P	16 49 27.9 +0.9	
CAST	Castle Rocks	68.26 26	eP	P	16 47 51.0 -0.2	DAWY	Dawson	73.91 27	eP	P	16 48 25.9 +0.6	YBH	Yreka Blue Hor	85.19 49	eP	P	16 49 28.3 +1.1	
SUA	Susitna One	68.29 28	eP	P	16 47 50.3 -1.2	HYG	Haines Junctio	74.50 30	eP	P	16 48 29.7 +0.7	YBH	Yreka Blue Hor	85.19 49	eP	P	16 49 28.3 +1.1	
IM3	Indian Mountai	68.42 23	eP	P	16 47 51.9 -0.1	SKT	Skagway	75.53 31	eP	P	16 48 35.6 +0.9	F05D	Whiskeytown Da	85.24 44	P	P	16 49 29.0 +1.7	
BRZS	Berezinki	68.59 319	i P	P	16 47 53.3 -0.1	BESE	Bessie Mountai	75.76 32	eP	P	16 48 36.7 +0.5	MZR	Muzera	85.30 292	i P	P	16 49 28.3 +0.3	
BRZS	comp=Z,492nm,4.9s		LR	LR	17 18 25.9	WHY	Whitehorse	75.78 30	eP	P	16 48 36.9 +0.6	J04D	Umpqua Nationa	85.33 47	P	P	16 49 29.2 +1.2	
OTUK	Ortayu	68.61 317	P	P	16 47 53.7 +0.1	JIS	Juneau Island	76.01 33	eP	P	16 48 38.2 +0.7	N02D	Trinity Center	85.35 49	P	P	16 49 29.6 +1.6	
OTUK	comp=Z,78nm,1.4s		pmx	pmx		SVE	Sve	76.19 326	i P	P	16 48 39.1 +0.5	L04D	Klamath Falls	85.39 48	P	P	16 49 29.6 +1.3	
RC01	Rabbit Creek A	68.66 29	eP	P	16 47 52.7 -1.0	SVE	Sve	76.19 326	i P	P	16 48 39.1 +0.5	O02D	Mt. Diablo Mer	85.44 50	P	P	16 49 30.4 +1.9	
KTH	Kantishia Hill	68.80 26	eP	P	16 47 54.0 -0.5	SVE	Sve	76.19 326	i P	P	16 48 39.1 +0.5	HOPS	Hopland Field	85.46 51	eP	P	16 49 29.2 +0.7	
DZA	Taraz	68.86 311	i P	P	16 47 55.3 0.0	SVE	comp=Z,111nm,1.3s		MLR	MLR	17 03 20.6 +6.0	G05D	Warmio, OR	85.47 45	eP	P	16 49 30.0 +1.5	
BPAW	Bear Paw Mtn.	68.93 25	eP	P	16 47 55.1 -0.2	SVE	comp=E,5um,18.0s		MLR	MLR		SPA0	Spitsbergen Ar	85.54 350	eP	P	16 49 28.2 +0.1	
TRF	Thorfare Moun	69.04 26	eP	P	16 47 55.3 -0.9	SVE	comp=Z,7um,17.0s		MLR	MLR		SPA0	Spitsbergen Ar	85.54 350	eP	P	16 49 28.6 +0.5	
PMR	Palmer	69.07 28	eP	P	16 47 55.4 -0.7	SVE	comp=N,2um,18.0s		MLR	MLR		WDC	Whiskeytown Da	85.55 50	eP	P	16 49 29.1 +0.2	
PMR	Palmer	69.07 28	eP	P	16 47 55.4 -0.7	SVE	comp=Z,7um,17.0s		MLR	MLR		WDC	Whiskeytown Da	85.55 50	eP	P	16 49 29.1 +0.2	
MNCV	Minicoy	69.12 274	eP	P	16 47 55.6 -1.7	INK	Inuvik	76.59 22	eP	P	16 48 40.4 -0.2	I05D	Terrebonne, OR	85.64 46	P	P	16 49 30.8 +1.5	
GHO	Glory Hole Cre	69.21 28	eP	P	16 47 56.5 -0.6	INK	Inuvik	76.59 22	eP	P	16 48 40.4 -0.2	K04D	Chiloquin, OR	85.71 48	P	P	16 49 31.2 +1.3	
MLY	Manley	69.31 24	eP	P	16 47 57.7 +0.1	INK	Inuvik	76.59 22	eP	P	16 48 40.4 -0.2	KBS	Kingsbay	85.73 352	eP	P	16 49 29.5 +0.4	
KK31	Karatay Array	69.47 312	eP	P	16 47 58.5 -0.5	AB31	Akbulak array	76.83 318	P	P	16 48 41.4 -0.9	KBS	Kingsbay	85.73 352	eP	P	16 49 29.5 +0.4	
KK31	Karatay Array	69.47 312	i P	P	16 47 58.5 -0.5	AB31	Akbulak array	76.83 318	P	P	16 48 41.4 -0.9	KBS	Kingsbay	85.73 352	eP	P	16 49 29.5 +0.4	
KK31	comp=Z,33nm,1.2s		pmx	pmx		ABKAR	Akbulak array	76.83 318	eP	P	16 48 41.4 -0.9	KBS	Kingsbay	85.73 352	eP	P	16 49 29.5 +0.4	
KKAR	Karatay Array	69.47 312	eP	P	16 47 58.5 -0.5	WRAK	Wrangell Island	77.14 35	eP	P	16 48 44.4 +0.5	KBS	Kingsbay	85.73 352	eP	P	16 49 29.5 +0.4	
KKAR	Karatay Array	69.47 312	eP	P	16 47 58.5 -0.5	DIB	Dawson Inlet,	77.19 38	eP	P	16 48 44.6 +0.4	KBS	Kingsbay	85.73 352	eP	P	16 49 29.5 +0.4	
MCK	McKinley	69.70 26	eP	P	16 47 59.4 -0.6	ARU	Arti	77.35 325	eP	LR	LR	16 48 45.2 +0.1	KBS	Kingsbay	85.73 352	eP	P	16 49 29.5 +0.4
MCK	McKinley	69.70 26	eP	P	16 47 59.4 -0.6	ARU	Arti	77.35 325	eP	LR	LR	16 48 45.2 +0.1	KBS	Kingsbay	85.73 352	eP	P	16 49 29.5 +0.4
IUG	luzhnay	69.78 311	i P	P	16 48 01.6 +0.5	ARU	Arti	77.35 325	i P	SS	SS	16 48 45.4 +0.3	KBS	Kingsbay	85.73 352	eP	P	16 49 29.9 +0.8
IUG	comp=Z,423nm,5.1s		eS	S	16 57 11.5 +2.5	ARU	Arti	77.35 325	i P	SS	SS	17 03 35.4 +3.3	M04C	Fort Rock, OR	85.82 47	P	P	16 49 31.8 +1.4
IUG	comp=Z,1um,19.0s		LR	LR	17 22 10.0	ARU	comp=Z,102nm,1.2s		MLR	MLR		J05D	Fort Rock, OR	85.94 47	P	P	16 49 32.5 +1.5	
GLI	Glacier Island	69.87 29	eP	P	16 47 59.9 -1.2	AKTO	Aktyubinsk	78.00 319	P	pmx	pmx	16 48 48.0 -0.9	G06A	Carlson Farm,	85.94 45	eP	P	16 49 31.1 +0.2
MID	Middleton Isla	69.94 31	eP	P	16 48 02.3 +0.8	DLBC	Dease Lake	78.30 32	eP	P	16 48 51.1 +0.6	PINE	Pine Mountain	86.04 46	eP	P	16 49 31.9 +0.4	
MID	Middleton Isla	69.94 31	eP	P	16 48 02.3 +0.8	TAOE	Nuku Hiva Isla	78.82 102	eS	S	16 58 47.8 -3.5	B08A	Calvin Reser	86.12 42	eP	P	16 49 32.2 +0.5	
MID	comp=Z,185nm,1.1s		pmx	pmx		TAOE	Nuku Hiva Isla	78.82 102	eLR	LR	17 13 17.2	O03D	Paynes Creek	86.16 50	P	P	16 49 33.0 +1.0	
SCM	Sheep Creek Mo	69.96 28	eP	P	16 48 01.9 +0.1	GEYT	Alibec	79.07 307	P	P	16 48 55.0 -0.1	E07A	Sunnyside	86.18 43	eP	P	16 49 32.7 +0.7	
SCM	Sheep Creek Mo	69.96 28	eP	P	16 48 01.9 +0.1	GEYT	Alibec	79.07 307	P	P	16 48 55.0 -0.1	MAK	Makhachkala	86.24 313	eP	P	16 49 27.4 -4.8	
SCM	comp=Z,294nm,1.2s		pmx	pmx		GEYT	Alibec	79.07 307	P	P	16 48 55.0 -0.1	MAK	Makhachkala	86.24 313	eP	P	16 49 27.4 -4.8	
CHM	Chimkent	70.10 311	i P	P	16 48 03.4 +0.5	GYA0B	ALIBECK ARRAY	79.07 307	eP	P	16 48 55.4 +0.2	MAK	Makhachkala	86.24 313	eP	P	16 49 27.4 -4.8	
CHM	comp=Z,353nm,3.1s		eS	S	16 57 15.3 +2.6	BIDO	Bidbid	81.00 292	eP	P	16 49 07.0 +1.2	MAK	Makhachkala	86.24 313	eP	P	16 49 27.4 -4.8	
CHM	comp=Z,2um,18.5s		LR	LR	17 19 29.5	BIDO	Bidbid	81.00 292	eP	P	16 49 07.0 +1.2	MAK	Makhachkala	86.24 313	eP	P	16 49 27.4 -4.8	
COLD	Coldfoot	70.17 22	eP	P	16 48 03.4 +0.6	CASY	Casey	81.54 193	eP	P	16 49 08.4 +0.8	MIR	Mirnyy	86.33 198	i P	P	16 49 33.8 +0.9	
DHY	Denali Highway	70.22 27	eP	P	16 48 03.2 -0.2	CASY	Casey	81.54 193	eP	P	16 49 08.4 +0.8	MIR	Mirnyy	86.33 198	i P	P	16 49 33.8 +0.9	
WRH	Wood River Hill	70.25 25	eP	P	16 48 02.6 -0.8	CASY	comp=Z,457nm,19.0s		LR	LR		MIR	Mirnyy	86.33 198	i P	P	16 49 33.8 +0.9	
MDM	Murphy Dome	70.31 25	eP	P	16 48 03.1 -0.7	HOQ	Hoqain	81.73 292	PcP	P	16 49 13.0 +3.3	MIR	Mirnyy	86.33 198	i P	P	16 49 33.8 +0.9	
BVA0	Borovyoye Array	70.37 322	i P	P	16 48 04.2 -0.2	HOQ	Hoqain	81.73 292	P	P	16 49 13.0 +3.3	MIR	Mirnyy	86.33 198	i P	P	16 49 33.8 +0.9	
BVA0	comp=Z,94nm,1.1s		pmx	pmx		BANON	Banah	82.26 295	i P	P	16 49 12.8 +0.3	MIR	Mirnyy	86.33 198	i P	P	16 49 33.8 +0.9	
BVAR	Borovyoye Array	70.37 322	P	P	16 48 04.5 +0.1	SHME	Shamm	82.38 295	i P	P	16 49 13.6 +0.5	HSPB	Hornsund (broa	86.42 350	eP	P	16 49 32.8 +0.3	
CCB	Clear Creek Bay	70.41 25</																

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like CONA, SKO, KSHU, KHC, KAS, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like MORF, MAR, MARI, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like AKGG, AKUT, AKSA, etc.

Table with columns: PB07, IPOC Station P, 3.48 314, Pn, 16 51 17.5 +0.5, 16 51 58.2 -1.5, 16 52 01.1

ISCJB 11 16:52:52.6; 1.3, 52.57N; 0.07; 168.19W; 0.08, h28km, 8km, mb4.2/5, Error ellipse: s-maj=13.0km s-min=6.5km az=153.1

IDC 11 16:52:53.4; 6.6, 52.82N; 167.65W, h0km, mb3.6/3, mb1 4.0/5, mb1mx3.5/5.5, mbtmp3.7/5, ML3.7/2, Error ellipse: s-maj=115.4km s-min=39.4km az=88.0

NEIC 11 16:52:54.0; 5.0, 52.69N; 168.21W, h20km, mb3.9/9, ML3.3(AEIC), After ASPR

ISC 11 16:52:53.5; 2.2, 52.62N; 0.09; 168.14W; 0.07, h16km, 12km, n55, 152/22/62, mb3.8/5, Fox Islands

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

MAN 11 17:04:25.0; 18.02N; 119.60E, h14km, mb4.9, ML3.8, MS3.9

ISCJB 11 17:04:27.9; 0.6, 18.04N; 0.04; 121.2E; 0.2, h28km, Error ellipse: s-maj=25.1km s-min=4.8km az=174.9

NEIC 11 17:04:27.5; 5.9, 17.97N; 121.15E, h11km, 39km, mb4.2/4, Error ellipse: s-maj=22.5km s-min=9.6km az=78.0

IDC 11 17:04:28.9; 1.2, 17.82N; 121.92E, h0km, mb3.6/9, mb1 4.1/5, mb1mx3.6/4.3, mbtmp4.0/5, Error ellipse: s-maj=76.2km s-min=20.2km az=76.0

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

Table with columns: WB2, Warramunga Arr, 39.88 161, eP, P, 17 12 00.9 -0.5, 17 12 01.1 -0.6

ISCJB 11 17:05:35.3; 6.8, 38.22N; 70.34E, h0km, mb3.8, mpv3.5, 3C-6D, Error ellipse: s-maj=55.5km s-min=41.8km az=169.0, Afghanistan-Tajikistan border region

ISC 11 17:05:35.3; 6.8, 38.22N; 70.34E, h0km, mb3.8, mpv3.5, 3C-6D, Error ellipse: s-maj=55.5km s-min=41.8km az=169.0, Afghanistan-Tajikistan border region

ISCN 11 17:05:35.3; 6.8, 38.22N; 70.34E, h0km, mb3.8, mpv3.5, 3C-6D, Error ellipse: s-maj=55.5km s-min=41.8km az=169.0, Afghanistan-Tajikistan border region

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

ISCN 11 17:28:21.1; 36.30N; 45.70E, h10km, ML3.0, Iran-Iraq border region

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

ISCN 11 17:29:54.0; 0.1, 18.81N; 68.78W, h138km, MD3.8(RSPR), After RSPR

RSPR 11 17:29:54.0; 0.1, 18.81N; 68.78W, h138km, 2km, MD3.8/8, 18C-2D, Mona Passage

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

Table with columns: EMPR, Esperanza - Ma, 2.16 98f, eP, Pn, 17 30 08.0 +0.3, 17 30 59.1 +0.8

ISCJB 11 17:31:09.0; 2.5, 22.17S; 179.75W, h612km, 28km, mb3.2/7, mb1 3.4/7, mb1mx3.0/4.0, mbtmp4.3/7, Error ellipse: s-maj=42.2km s-min=15.8km az=154.0

ISC 11 17:31:08.2; 1.5, 22.15S; 179.8W; 0.2, h600km, n14, s1500/16, mb3.9/7, South of Fiji Islands

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

ISCN 11 17:31:09.0; 2.5, 22.17S; 179.75W, h612km, 28km, mb3.2/7, mb1 3.4/7, mb1mx3.0/4.0, mbtmp4.3/7, Error ellipse: s-maj=42.2km s-min=15.8km az=154.0

ISC 11 17:31:08.2; 1.5, 22.15S; 179.8W; 0.2, h600km, n14, s1500/16, mb3.9/7, South of Fiji Islands

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

ISCN 11 17:31:16.7; 1.9, 36.09S; 73.46W, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/24, mbtmp3.5/4, ML3.4/1, Error ellipse: s-maj=55.0km s-min=21.0km az=75.0

ISCJB 11 17:31:19.5; 1.2, 36.01S; 0.08; 73.5W; 0.2, h33km, mb3.5/2, Error ellipse: s-maj=17.6km s-min=12.1km az=7.7

SJA 11 17:31:24.2; 1.0, 35.36S; 73.52W, h33km, 66km, ML3.6, MW2.8

ISC 11 17:31:22.1; 7.3, 35.8S; 0.1; 73.5W; 0.1, h35km, n18, 18BZ/19, Off coast of central Chile

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

ISCJB 11 17:39:03.9; 0.6, 22.61S; 0.09; 66.47W; 0.06, h245km, Error ellipse: s-maj=13.9km s-min=6.4km az=23.0

SJA 11 17:39:04.0; 0.8, 22.60S; 66.42W, h240km, 9km, ML2.8, MW2.8

GUC 11 17:39:09.0; 0.4, 22.67S; 66.43W, h111km, 173km, ML3.6

ISC 11 17:39:02.8; 1.3, 22.66S; 0.09; 66.52W; 0.05, h245km, n14, s257/21, 2C, Jujuy Province

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

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

IDC 11 17:42:26.5-1.6, 117.70N-143.84E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4-27, mbtmp3.4/3, Error ellipse: s-maj=211.1km s-min=26.5km az=110.0, South of Mariana Islands

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

ISCJB 11 17:49:44.0-5.3, 37.86N-0.03-26.67E, h0km, mb3.4/3, Error ellipse: s-maj=5.6km s-min=3.5km az=142.2

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: SHL, comp=N, 1.1um, 0.2s, 2.15 339 eP, Pn, 18 10 49.4

Table with columns: JORH, comp=N, 2.0um, 0.3s, 2.19 14 eX, Pn, 18 10 57.5

Table with columns: JORH, comp=N, 2.0um, 0.3s, 2.20 197 eP, Pn, 18 10 57.7

Table with columns: SAIH, comp=N, 1.43nm, 0.4s, 2.20 197 eP, Pn, 18 10 54.1

Table with columns: SAIH, comp=N, 1.43nm, 0.4s, 2.20 197 eP, Pn, 18 10 54.1

Table with columns: SAIH, comp=N, 1.43nm, 0.4s, 2.20 197 eP, Pn, 18 10 54.1

Table with columns: SAIH, comp=N, 1.43nm, 0.4s, 2.20 197 eP, Pn, 18 10 54.1

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Table with columns: SAIH, comp=N, 1.43nm, 0.4s, 2.20 197 eP, Pn, 18 10 54.1

Table with columns: SAIH, comp=N, 1.43nm, 0.4s, 2.20 197 eP, Pn, 18 10 54.1

Table with columns: SAIH, comp=N, 1.43nm, 0.4s, 2.20 197 eP, Pn, 18 10 54.1

Table with columns: SAIH, comp=N, 1.43nm, 0.4s, 2.20 197 eP, Pn, 18 10 54.1

Table with columns: KBKI, comp=N, 2.304nm, 19.6s, 17.54 218 P, P, 18 14 14.3 +1.7

Table with columns: QIZ, comp=N, 2.304nm, 19.6s, 17.84 79 LR, LR, 18 20 50.3

Table with columns: STKI, comp=N, 2.304nm, 19.6s, 18.21 236 P, Pn, 18 14 25.3 +0.5

Table with columns: SAUI, comp=N, 2.304nm, 19.6s, 19.12 166 eP, P, 18 14 29.1 -0.9

Table with columns: SARN, comp=N, 2.304nm, 19.6s, 19.31 70 eP, P, 18 14 32.1 +0.1

Table with columns: MMRI, comp=N, 2.304nm, 19.6s, 19.79 194 eP, P, 18 14 37.8 +0.6

Table with columns: SOEI, comp=N, 2.304nm, 19.6s, 20.52 187 P, Pn, 18 14 46.8 -0.9

Table with columns: SOEI, comp=N, 2.304nm, 19.6s, 20.52 187 eP, Pn, 18 14 46.8 -0.9

Table with columns: SOEI, comp=N, 2.304nm, 19.6s, 20.52 187 eP, Pn, 18 14 46.8 -0.9

Table with columns: SOEI, comp=N, 2.304nm, 19.6s, 20.52 187 eP, Pn, 18 14 46.8 -0.9

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Table with columns: SOEI, comp=N, 2.304nm, 19.6s, 20.52 187 eP, Pn, 18 14 46.8 -0.9

Table with columns: SOEI, comp=N, 2.304nm, 19.6s, 20.52 187 eP, Pn, 18 14 46.8 -0.9

Table with columns: SOEI, comp=N, 2.304nm, 19.6s, 20.52 187 eP, Pn, 18 14 46.8 -0.9

Table with columns: SOEI, comp=N, 2.304nm, 19.6s, 20.52 187 eP, Pn, 18 14 46.8 -0.9

Table with columns: SOEI, comp=N, 2.304nm, 19.6s, 20.52 187 eP, Pn, 18 14 46.8 -0.9

Table with columns: SOEI, comp=N, 2.304nm, 19.6s, 20.52 187 eP, Pn, 18 14 46.8 -0.9

Table with columns: SOEI, comp=N, 2.304nm, 19.6s, 20.52 187 eP, Pn, 18 14 46.8 -0.9

COEN	Coen	29.40	146	eP	P	18 16 09.9	-0.1
	comp=Z,16nm,0.9s						
GSI	Gunungsitoli	30.56	254	eP	P	18 16 19.1	-1.2
	comp=Z,18nm,0.7s						
BJT	Baijiatau	30.66	344	eP	P	18 16 20.5	-0.5
	comp=Z,11nm,1.0s						
BJT	Baijiatau	30.66	344	eP	P	18 16 20.5	-0.5
	comp=Z,11nm,1.0s						
BJI	Beijing	30.68	344	P	Pmax	18 16 21.6	+0.5
	comp=Z,14nm,1.4s						
PATS	Pohnpei	31.32	94	eP	P	18 16 27.2	+0.1
	comp=Z,18nm,1.5s						
WR1	Warramunga Arr	31.37	166	eP	P	18 16 26.1	-1.2
	comp=Z,12nm,1.0s						
WR1	Warramunga Arr	31.37	166	eP	P	18 19 21.2	+0.5
	comp=Z,2.9nm,0.7s,baz=348,slow=9.4,SNR=19						
WRA	Warramunga Arr	31.37	166	eP	P	18 16 26.1	-1.2
	comp=Z,3.9nm,0.7s,baz=343,slow=3.1,SNR=15						
MSHR	Mys Shultsa	31.94	61	eP	P	18 16 33.8	+1.7
	comp=Z,2.5nm,1.3s						
MBWA	Marble Bar	32.47	192	eP	P	18 16 35.8	-1.2
	comp=Z,2.5nm,1.3s						
LZH	Lanzhou	32.73	324	iP	P	18 16 40.9	+1.5
	comp=Z,89nm,1.5s						
LZH	Lanzhou	32.73	324	iP	P	18 16 48.3	-1.7
	comp=Z,280nm,4.9s						
LZH	Lanzhou	32.73	324	iP	P	18 16 51.8	-2.0
	comp=Z,560nm,15.2s						
LZH	Lanzhou	32.73	324	iP	P	18 22 05.5	-5.8
	comp=Z,610nm,14.6s						
LZH	Lanzhou	32.73	324	iP	P	18 23 54.7	+3.5
	comp=Z,690nm,15.7s						
HHC	Hu-ho-hao-te	32.89	338	eP	P	18 16 44.2	+3.5
	comp=Z,15nm,1.1s						
HHC	Hu-ho-hao-te	32.89	338	eP	P	18 16 51.5	+0.2
	comp=Z,100nm,5.2s						
HHC	Hu-ho-hao-te	32.89	338	eP	P	18 17 54.9	-0.5
	comp=Z,770nm,16.3s						
HHC	Hu-ho-hao-te	32.89	338	eP	P	18 22 00.1	+4.2
	comp=Z,1um,16.5s						
HHC	Hu-ho-hao-te	32.89	338	eP	P	18 24 00.8	+5.9
	comp=Z,700nm,13.3s						
CN2	Changchun	32.96	358	eP	P	18 16 41.3	+0.2
	comp=Z,10.0nm,1.0s						
CN2	Changchun	32.96	358	eP	P	18 16 51.2	-0.5
	comp=Z,2.5nm,1.0s						
CN2	Changchun	32.96	358	eP	P	18 16 45.2	-0.6
	comp=Z,350nm,12.9s						
PBA	Port Blair	33.46	275	eP	P	18 16 47.2	+0.2
	comp=Z,19nm,0.9s						
USA0B	Ussuriysk Arra	33.63	7	P	P	18 16 47.6	+0.7
	comp=Z,19nm,0.9s						
USRK	Ussuriysk Ar	33.63	7	P	P	18 16 45.8	-2.9
	comp=Z,2.9nm,0.6s,baz=189,slow=7.6,SNR=32						
MDJ	Mudanjiang	33.84	4	eP	P	18 16 45.8	-2.9
	comp=Z,20nm,1.0s						
MDJ	Mudanjiang	33.84	4	eP	P	18 16 48.9	+0.2
	comp=Z,350nm,12.9s						
MDJ	Mudanjiang	33.84	4	eP	P	18 16 53.5	+1.0
	comp=Z,58nm,1.5s						
ERM	Ermo	34.27	22	eP	P	18 16 53.5	+1.0
	comp=Z,40nm,1.2s						
ERM	Ermo	34.27	22	eP	P	18 16 53.5	+1.0
	comp=Z,40nm,1.2s						
AS31	Alice Springs	34.88	169	eP	P	18 19 30.8	+0.2
	comp=Z,2.5nm,0.8s						
ASAR	Alice Springs	34.88	169	eP	P	18 16 57.5	-0.6
	comp=Z,4.0nm,0.7s,baz=354,slow=7.8,SNR=32						
ASAR	Alice Springs	34.88	169	eP	P	18 19 31.1	+0.5
	comp=Z,2.9nm,0.6s,baz=342,slow=2.6,SNR=15						
AS01	Alice Springs	34.89	169	eP	P	18 16 57.1	-1.1
	comp=Z,1.8nm,0.7s,baz=109,slow=6.8,SNR=6.5						
AS01	Alice Springs	34.89	169	eP	P	18 19 30.9	+0.3
	comp=Z,1.8nm,0.7s,baz=109,slow=6.8,SNR=6.5						
TEY	Ternei	35.19	121	eP	P	18 17 00.0	-0.4
	comp=Z,20nm,0.9s						
TEY	Ternei	35.19	121	eP	P	18 17 00.0	-0.4
	comp=Z,20nm,0.9s						
ASAJ	Asahikawa	35.93	19	P	P	18 17 07.8	+1.0
	comp=Z,4.5nm,0.9s,baz=229,slow=13,SNR=4.7						
ASAJ	Asahikawa	35.93	19	P	P	18 32 32.2	
	comp=Z,303nm,18.4s,baz=260,slow=37						
ASAJ	Asahikawa	35.93	19	P	P	18 17 07.2	+0.4
	comp=Z,38nm,1.5s						
CTA	Charters Tower	36.10	148	P	P	18 17 09.3	+0.8
	comp=Z,1.8nm,0.6s,baz=317,slow=11,SNR=7.4						
CTAO	Charters Tower	36.10	148	P	P	18 17 09.0	+0.5
	comp=Z,65nm,1.8s						
SHL	Shillong	36.22	299	eP	P	18 17 07.6	-2.1
	comp=Z,18nm,0.8s						
SHL	Shillong	36.22	299	eP	P	18 17 07.6	-2.1
	comp=Z,18nm,0.8s						
GTA	Gaotai	37.33	324	iP	P	18 17 20.2	+1.2
	comp=Z,18nm,0.8s						
GTA	Gaotai	37.33	324	iP	P	18 17 27.7	-2.0
	comp=Z,18nm,0.8s						
GTA	Gaotai	37.33	324	iP	P	18 19 31.1	+3.1
	comp=Z,25nm,1.9s						
GTA	Gaotai	37.33	324	iP	P	18 19 39.4	+1.7
	comp=Z,25nm,1.9s						
COCO	West Island	37.53	233	eP	P	18 17 19.9	-0.8
	comp=Z,315nm,1.4s						
COCO	West Island	37.53	233	eP	P	18 17 19.9	-0.8
	comp=Z,26nm,1.4s						
LSA	Lhasa	38.23	305	eP	P	18 17 26.5	-0.6
	comp=Z,26nm,1.4s						
LSA	Lhasa	38.23	305	eP	P	18 17 26.5	-0.6
	comp=Z,26nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 29.1	+0.3
	comp=Z,26nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 29.5	+0.8
	comp=Z,30nm,1.2s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 39.3	-0.2
	comp=Z,30nm,1.2s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 43.6	-0.4
	comp=Z,30nm,1.2s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 23 15.1	-6.8
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 26 40.7	
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 29.1	+0.3
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 29.5	+0.8
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 39.3	-0.2
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 43.6	-0.4
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 23 15.1	-6.8
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 26 40.7	
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 29.1	+0.3
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 29.5	+0.8
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 39.3	-0.2
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 43.6	-0.4
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 23 15.1	-6.8
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 26 40.7	
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 29.1	+0.3
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 29.5	+0.8
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 39.3	-0.2
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 17 43.6	-0.4
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 23 15.1	-6.8
	comp=Z,20nm,1.4s						
YSS	Yuzh-Sakhalins	38.52	18	eP	P	18 26 40.7	
	comp=Z,20nm,1.4s						

PKIN	Phulchoki	42.35	299	eP	P	18 17 59.8	-1.3
	comp=Z,7.7nm,0.7s						
KKN	Kakani	42.51	300	eP	P	18 18 01.5	-0.8
	comp=Z,28nm,1.2s						
ZEK	Zeya	42.88	0	eP	Pmax	18 18 04.5	-0.1
	comp=Z,28nm,1.2s						
EIDS	Eidsvoll	42.96	147	eP	P	18 18 05.4	-0.2
	comp=Z,58nm,1.8s						
GKN	Gorkha	43.11	300	eP	P	18 18 06.1	-1.0
	comp=Z,27nm,1.1s						
NKL	Nikolayevsk	43.73	12	eP	P	18 18 11.5	0.0
	comp=Z,70nm,1.2s						
NKL	Nikolayevsk	43.73	12	eP	P	18 18 13.4	-0.5

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like MCK McKinley, RND Reindeer, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like TLB Topalu, TESR Tescani, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, and other parameters. Includes Decanese Islands and other regional stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like E09A Wood Farm, Sta, NEW Newport, WWR Wild Horse Val, etc.

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, CMAR Chiang Mai Arr, etc.

TRN 11 21:33:55.8, 11 29N:59.99W, h91km, MD3.8, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOSP Speyside, TRN Trinidad (W), TRN Pointe-a-Pierre, etc.

IDC 11 21:48:33.0, 2.1, 113Sx114.43E, h0km, mb3.5/7, mb1 3.6/7, mb1mx3.5/47, mbtm3.6/7, Error ellipse: s-maj=111.2km s-min=21.6km az=47.0, South of Bali

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, SONMI Songoing Array, etc.

NIED 11 21:57:00.25, 30N:123.40E, h220km, Mw3.8 Best double couple: Mo:1.8000x10^14 NP1:~166.00000^, ~46.00000^, ~111.00000^ NP2:~14.00000^, ~648.00000^, ~7.000000^

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, SONMI Songoing Array, etc.

JMA 11 21:57:36.8, 0.2, 25.33N:123.39E, h206km, 3km, M3.9 h206km, 4km, mb3.8/20, Error ellipse: s-maj=16.9km az=14.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, JYNG Yonagunijimaku, JIRI Iriomote-Funau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, NRK Norra Ayr, etc.

IDC 11 22:03:05.3, 0.6, 10.65N:126.66E, h0km, mb4.1/13, mb1 4.2/13, mb1mx4.0/47, mbtm4.1/13, MS3.0/5, Ms1 3.0/5, ms1mx2.8/33, Error ellipse: s-maj=30.9km s-min=13.6km az=75.0

ISCJB 11 22:03:09.0, 0.4, 10.73N:126.81E, 0.04, h44km, mb4.1/17, mb1mx3.8/48, mbtm3.8/48, Error ellipse: s-maj=5.1km s-min=4.4km az=166.6

MAN 11 22:03:09.4, 10.87N:126.87E, h72km, mb4.8, ML3.8, MS3.8

NEIC 11 22:03:11.2, 1.3, 10.54N:126.45E, h40km, 13km, mb4.4/3, Error ellipse: s-maj=16.9km s-min=7.9km az=82.0

ISC 11 22:03:11.8, 0.6, 10.73N:126.79E, 0.07, h44km, n47, ~152.511, mb4.1/17, 2C-3D, Philippine Islands region

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

MAN 11 21:04:40.5, 8.26N:124.93E, h15km, mb4.0, ML2.8, MS2.4, IC, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CGP Cagayan de Oro, CGP Cagayan de Oro.

MAN 11 21:09:21.9, 8.10N:125.17E, h11km, mb4.4, ML3.3, MS3.1, IC-2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUKP Musuan, CGP Cagayan de Oro, DMPH Davao City-Mi, etc.

ISCJB 11 21:21:57.0, 7.0, 10.84S:0.04, 113.90E:0.07, h33km, mb3.8/8, MS3.5/1, Error ellipse: s-maj=10.2km s-min=6.2km az=167.3

DJA 11 21:21:59.8, 1.1, 11.1S:10.11E, h19km, 16km, M4.3/12, mb4.7/1, ML4.4/12

IDC 11 21:22:05.2, 6.7, 10.67S:114.26E, h76km, 60km, mb3.5/8, mb1 3.7/8, mb1mx3.5/50, mbtm3.8/9, ML4.3/1, MS3.5/1, Ms1 3.5/1, ms1mx2.6/25, Error ellipse: s-maj=52.1km s-min=19.4km az=58.0

ISC 11 21:22:00.2, 1.0, 10.80S:0.08, 113.98E:0.09, h35km, n18, ~1529/24, mb3.7/8, South of Jawa

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

JOW 12m, 0.3s, baz=130, slow=26, SNR=4.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSRS Koro Array, USRK Ussuriysk Arr, ASAJ Asahikawa, etc.

NIED 11 22:13:00.45, 70N:151.50E, h11km, Mw4.1 Best double couple: Mo:1.37000x10^15 NP1:~225.00000^, ~322.00000^, ~9.100000^ NP2:~43.00000^, ~868.00000^, ~1.89.00000^

JMA 11 22:13:32.0, 5.6, 45.85N:151.46E, h30km, M4.6 SKHL 11 22:13:33.7, 0.2, 45.51N:151.51E, h50km, 9km, mb4.8/6

ISCJB 11 22:13:33.1, 0.5, 45.21N:151.46E, h50km, 9km, mb4.8/6, mb4.1/22, Error ellipse: s-maj=11.6km s-min=3.3km az=145.6

MOS 11 22:13:34.4, 1.1, 45.24N:151.53E, h50km, mb4.6/11, Error ellipse: s-maj=9.0km s-min=8.8km az=53.6

NEIC 11 22:13:35.7, 0.7, 45.39N:151.38E, h35km, mb4.3/3, Error ellipse: s-maj=16.9km s-min=9.0km az=137.0

IDC 11 22:13:37.5, 2.9, 45.36N:151.46E, h59km, 24km, mb3.8/12, mb1 3.9/17, mb1mx3.7/46, mbtm4.0/17, ML3.6/5, Error ellipse: s-maj=25.1km s-min=18.1km az=140.0

ISC 11 22:13:34.0, 0.7, 45.06N:151.56E, h108km, 038h6km, n125, ~1986/140, mb4.3/22, 13C-13D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOW Jow, KSRS Koro Array, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, KBL, pmax, pmax. Rows include stations like Kuril'sk, Shikotan, Yuzh-Kuril'sk, Tuman, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, KBL, pmax, pmax. Rows include stations like FIAO, WR1, NB2, AS31, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, KBL, pmax, pmax. Rows include stations like YUK, LAGR, GRPR, NEM2, etc.

NIED 11 22:16:00, 45:50N, 151:60E, h17km, Mw4.7 Best double couple: M1=22000, N1=234, 00000, 038, 00000, 1, 111, 00000, N2=29, 00000, 855, 00000, 7, 75, 00000. JMA 11 22:16:34, 7.0, 8, 45:45N, 151:58E, h30km, Mb5.0, ISCJB 11 22:16:34, 7.0, 8, 45:30N, 151:34E, 0.03, h30km, 5km, mb4.8/161, MS4.3/29, Error ellipse: s-maj=5.8km s-min=2.0km az=147.7. MOS 11 22:16:36, 8.1, 0.45:30N, 151:29E, h41km, mb5.3/47, MS4.2/11, Error ellipse: s-maj=5.9km s-min=5.0km az=111.0. SKHL 11 22:16:36, 8.1, 3, 45:19N, 151:52E, h55km, 5km, mb5.3/2, Ms4.6/5, msh4.6/1. IDC 11 22:16:38, 6.0, 4, 45:43N, 151:25E, h47km, 3km, mb4.3/26, mb1.4/33, mb1mx4.4/47, mbtm4.6/33, MS3.9/18, Ms1.4/0.18, ms1mx3.8/28, Error ellipse: s-maj=12.7km s-min=9.0km az=143.0. NEIC 11 22:16:38, 1.0, 5, 45:32N, 151:27E, h44km, 4km, mb4.8/92, Error ellipse: s-maj=5.8km s-min=3.0km az=151.0. BJI 11 22:16:39, 1, 45:39N, 150:80E, h45km, mb5.0/56, MB5.0/31, Ms4.6/54, Ms7.4/448. ISC 11 22:16:39, 0.4, 45:28N, 150:05E, 151:27E, 0.04, h41km, 3km, h41km: pP, n554, s1956/617, mb4.9/165, MS4.4/29, 56C-17D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOP Sopron, CONA Conrad Observa, TX31 Lajitas Ar. Si, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBDF Montbardon, ORIF Oris-en-Rattie, LPL La Plagne, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRU 11 22:31:19.9, KRLC Kraljica, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SERG Sergoula, LOU Loutrai, LOUT Loutrai, etc.

Table with columns: CEY, Cerknica, 2.44 317 ePn, Pn, 00 18 32.5 +0.4, eSn, Sn, 00 19 02.7 +0.2, IVAS, Ivanjica, 2.45 99 ePn, Pn, 00 18 32.4 +0.1, DRME, Dracevica, Mon, 2.50 135 l/Pn, Pn, 00 18 35.0 -1.9, DRME, Dracevica, Mon, 2.50 135 ePn, Pn, 00 19 08.4 +0.3, DRME, Berane, 2.51 115 ePn, Pn, 00 18 34.3 +1.3, DRME, Berane, 2.51 115 eSn, Pn, 00 19 05.5 -2.5, IVA, Berane, 2.51 115 l/Pn, Pn, 00 18 35.4 -1.6, IVA, Berane, 2.51 115 eSn, Pn, 00 19 08.9 +0.6, MORH, M'ir'gy, Hung, 2.58 30 ePn, Pn, 00 18 34.1 +0.1, MORH, M'ir'gy, Hung, 2.58 30 eSn, Pn, 00 19 06.6 +0.8, TRUS, Trudelj, 2.60 84 ePn, Pn, 00 18 37.1 +0.1, ULC, Uclinci, 2.70 138 l/Pn, Pn, 00 18 37.7 -2.6, ULC, Uclinci, 2.70 138 eSn, Pn, 00 19 12.9 -0.9, GRUS, Gruza, 2.82 91 ePn, Pn, 00 18 37.8 +0.5, SOKA, Soboth, 2.97 336 Pn, Pn, 00 18 39.1 -0.3, SOKA, Soboth, 2.97 336 ePn, Pn, 00 18 46.7 -1.5, OBKA, Obir, 2.98 328 Pn, Pn, 00 18 39.6 -0.1, SELS, Selova, 3.22 102 ePn, Pn, 00 18 42.8 -0.1, ARSA, Arzberg, 3.38 345 ePn, Pn, 00 18 45.2 0.0, MYKA, Terra Mystica, 3.46 321 ePn, Pn, 00 18 47.4 +1.1, BOVS, Bovan, 3.56 94 ePn, Pn, 00 18 47.6 +0.1, BARS, Barje, 3.83 106 ePn, Pn, 00 18 51.7 +0.5, ABTA, Abfalterbachs, 4.10 314 i/Pn, Pn, 00 18 56.0 +1.0, ABTA, Abfalterbachs, 4.10 314 eSn, Pn, 00 19 45.2 +1.7, MOA, Molin, 4.25 336 ePn, Pn, 00 18 57.7 +0.7, MOA, Molin, 4.25 336 eSn, Pn, 00 19 47.6 +0.4, MOTA, Moosalm, 5.22 312 ePn, Pn, 00 19 11.4 +0.9, RETA, Reutte, 5.49 312 ePn, Pn, 00 19 15.0 +0.8, RETA, Reutte, 5.49 312 eSn, Pn, 00 20 19.6 +1.8

Table with columns: ISC 12 00:26:57.3-1.8, 14.92Sx179.15W, h0km, mb3.6/5, mb1 4.0/5, mb1mx3.8/2.9, mbtmp3.6/5, MS3.5/1, Ms1 3.5/1, ms1mx2.6/3.7, Error ellipse: s-maj=123.7km s-min=22.7km az=151.0, Fiji Islands region, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, WRA, Warrunguna Arr, 44.55 257 Pn, Pn, 00 35 11.9 +0.5, ASAR, Alice Springs, 44.99 251 Pn, Pn, 00 35 14.2 -0.7, FITZ, Fitzroy Crossi, 52.87 258 LR, LR, 00 59 19.7, NVAR, Mina Array Bea, 77.79 45 P, P, 00 38 58.9 +2.0, ILAR, Eielson Array, 83.16 13 P, P, 00 39 24.2 -0.7, TXAR, Lajitas Array, 85.02 58 P, P, 00 39 34.4 -0.9, PDAR, Pinedale Arr, 85.99 44 P, P, 00 39 38.4 -0.2

Table with columns: ISC/JB 12 00:32:53.9-0.4, 47.95N, 0:02:6:34E:0:02, h11km, 3km, Error ellipse: s-maj=3.4km s-min=2.4km az=173.5, STR 12 00:32:55.6-0.4, 48.12N x 1.71E, h13km, 1km, M1, 7.4, MLV1, 7.4, LDG 12 00:32:55.6-0.1, 47.99N, 6:38E, h6km, Md2, 6.2, M2, 2/9, Error ellipse: s-maj=1.5km s-min=1.2km az=178.0, BGR 12 00:32:58.1-1.3, 48:08N, 6:46E, h10km, ML1, 4/2, Error ellipse: s-maj=1.2km s-min=5.6km az=43.0, ISC 12 00:32:54.4-0.8, 47.99N, 0:02:6:36E:0:02, h14km, 5km, n32, 0:0569/56, France

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, HAU, Haudompre, 0.01 337 ePn, Pn, 00 32 57.1 +0.1, HAU, Haudompre, 0.01 337 eSg, Pn, 00 32 58.2 -0.6, THEF, The Montfort, 0.34 313 Pn, Pn, 00 33 02.8 +0.5, THEF, The Montfort, 0.34 313 eSg, Pn, 00 33 02.7 -0.4, HINF, Hinterfeld, 0.38 118 ePn, Pn, 00 33 02.5 +0.4, HINF, Hinterfeld, 0.38 118 eSg, Pn, 00 33 07.2 -0.1, MOF, Molkenrain, 0.54 105 Pn, Pn, 00 33 05.7 -0.1, MOF, Molkenrain, 0.54 105 eSg, Pn, 00 33 12.8 +0.4, ECH, Echery, 0.58 67 Pn, Pn, 00 33 06.4 -0.1, ECH, Echery, 0.58 67 eSg, Pn, 00 33 07.6 -0.7, PAGF, Fort de Pagny, 0.70 323 ePn, Pn, 00 33 09.5 -0.4, PAGF, Fort de Pagny, 0.70 323 eSg, Pn, 00 33 10.6 +0.7, PAGF, Fort de Pagny, 0.70 323 eSg, Pn, 00 33 19.1 -1.5, LOMF, Lomont, 0.72 153 Pn, Pn, 00 33 09.7 -0.5, LOMF, Lomont, 0.72 153 eSg, Pn, 00 33 18.3 +0.5, CDF, Champ du Feu, 0.74 55 ePn, Pn, 00 33 09.8 +0.1, CDF, Champ du Feu, 0.74 55 eSg, Pn, 00 33 10.6 +0.0, SFTF, Sextfontaines, 0.91 284 ePn, Pn, 00 33 13.3 +0.5, SFTF, Sextfontaines, 0.91 284 eSg, Pn, 00 33 13.9 +1.1, SFTF, Sextfontaines, 0.91 284 eSg, Pn, 00 33 25.8 +0.1, MEZF, Maizieres J'vi, 1.01 301 ePn, Pn, 00 33 15.0 +0.9, MEZF, Maizieres J'vi, 1.01 301 eSg, Pn, 00 33 16.7 +2.6, MEZF, Maizieres J'vi, 1.01 301 eSg, Pn, 00 33 28.6 +0.5, KIZ, Kirchzarten, 1.05 91 Pn, Pn, 00 33 14.7 0.0, KIZ, Kirchzarten, 1.05 91 eSg, Pn, 00 33 14.8 0.0, OPP, Oppenau, 1.32 67 Pn, Pn, 00 33 18.1 -0.4, OPP, Oppenau, 1.32 67 eSg, Pn, 00 33 20.6 +0.7, BFO, Black Forest, 1.36 75 ePn, Pn, 00 33 21.2 +0.6, BFO, Black Forest, 1.36 75 eSg, Pn, 00 33 28.0 0.0, CABF, La Chapelle, 1.40 188 ePn, Pn, 00 33 20.5 +0.2, CABF, La Chapelle, 1.40 188 eSg, Pn, 00 33 21.8 +0.5, CABF, La Chapelle, 1.40 188 eSg, Pn, 00 33 39.1 -0.3, WLF, Walferdange, 1.68 355 eSg, Pn, 00 33 49.0 +0.5, LOR, Lormes, 1.84 248 ePn, Pn, 00 33 26.2 +0.6, LOR, Lormes, 1.84 248 eSg, Pn, 00 33 30.2 +0.5, LOR, Lormes, 1.84 248 eSg, Pn, 00 33 53.6 +0.1, SSF, Saint Saultge, 2.15 245 ePn, Pn, 00 33 35.7 +0.2, SSF, Saint Saultge, 2.15 245 eSg, Pn, 00 34 03.1 -0.2, SMF, Signal de Mont, 2.18 233 ePn, Pn, 00 33 30.5 +0.3, SMF, Signal de Mont, 2.18 233 eSg, Pn, 00 33 36.2 -0.8, SMF, Signal de Mont, 2.18 233 eSg, Pn, 00 34 03.8 -0.6, AVF, Avril sur Lois, 2.37 241 ePn, Pn, 00 33 32.8 0.0, AVF, Avril sur Lois, 2.37 241 eSg, Pn, 00 33 39.9 +0.1, BAIF, Baives, 2.50 326 ePn, Pn, 00 33 41.7 -0.7, BAIF, Baives, 2.50 326 eSg, Pn, 00 34 03.7 -1.3, BAIF, Baives, 2.50 326 eSg, Pn, 00 34 14.6 -0.3, UBR, Ueberuh, 2.55 96 eSg, Pn, 00 34 16.9 +0.7, HYF, Humbigny, 2.62 255 eSg, Pn, 00 34 18.2 -0.3, BGF, Bois d'Angland, 2.79 240 ePn, Pn, 00 33 39.9 +1.3, BGF, Bois d'Angland, 2.79 240 eSg, Pn, 00 33 47.5 -0.3, BGF, Bois d'Angland, 2.79 240 eSg, Pn, 00 34 22.6 -1.4, ISC 12 00:50:22.1-2.7, 22:19Sx168:36E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.6/1.9, mbtmp3.5/4, ML3.3/1, Error ellipse: s-maj=113.9km s-min=38.9km az=171.0, Neww Caledonia, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, DZM, Mont Dzumac, 2.25 273 Pn, Pn, 00 51 01.8 +1.1, DZM, Mont Dzumac, 2.25 273 eSg, Pn, 00 51 01.8 +1.1

Table with columns: DZM, 11nm, 0.3s, baz=348, slow=2.3, SNR=2.7, ASAR, Alice Springs, 32.19 261 P, P, 00 56 52.3 +0.2, WRA, Warrunguna Arr, 32.25 268 P, P, 00 56 51.6 -1.1, FITZ, Fitzroy Crossi, 40.69 268 P, P, 00 58 04.9 +0.2, GERES, GERRS Array B 146.88 329 PKPbc, PKPbc, 01 10 05.7 -0.8

Table with columns: IDC 12 00:52:13.9, 34.0, 22:22S, 178:99W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.8/2.8, mbtmp4.0/4, Error ellipse: s-maj=640.9km s-min=153.7km az=89.0, South of Fiji Islands, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, STKA, Stephens Creek, 36.23 246 P, P, 00 59 17.0 -1.8, ASAR, Alice Springs, 43.26 259 P, P, 01 00 17.4 0.0, WRA, Warrunguna Arr, 43.48 264 P, P, 01 00 20.2 +0.9, FITZ, Fitzroy Crossi, 51.91 264 P, P, 01 01 24.5 -0.3

Table with columns: IDC 12 00:56:54.0, 1.9, 6:95S, 130:36E, h0km, mb3.8/1, mb1 3.7/4, mb1mx3.5/3.2, mbtmp3.5/4, ML3.4/3, Error ellipse: s-maj=82.7km s-min=29.2km az=79.0, Banda Sea, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, SIJI, Sorong, 6.11 9 Pn, Pn, 01 00 26.7 +1.1, SIJI, Sorong, 6.11 9 Pn, Pn, 01 01 25.9 -1.0, WRA, Warrunguna Arr, 13.48 16 Pn, Pn, 01 02 06.2 -0.5, WRA, Warrunguna Arr, 13.48 16 Pn, Pn, 01 04 27.4 -1.0, ASAR, Alice Springs, 16.97 16 Pn, Pn, 01 02 53.9 +0.9, ASAR, Alice Springs, 16.97 16 Pn, Pn, 01 05 56.6 -5.7, MKAR, Makanchi Array, 68.38 327 P, P, 01 09 57.1 -0.3

Table with columns: ISC/JB 12 01:04:00.9-0.7, 33:43S, 0:06:179:3W, 0:2, h100km, mb4.1/3, Error ellipse: s-maj=20.9km s-min=4.8km az=19.5, WEL 12 01:04:01.3-0.6, 34:56S, 17:9W, 1.4, h162km, 14km, IDC 12 01:04:05.3-6.7, 33:25S, 179:83W, h89km, 53km, mb3.9/3, mb1 4.1/4, mb1mx3.6/3.7, mbtmp4.3/4, ML4.4/1, Error ellipse: s-maj=49.2km s-min=24.5km az=52.0, ISC 12 01:04:04.5-0.8, 33:42S, 0:07:179:3W, 0:1, h100km, n58, e249/70, mb4.2/3, South of Kermadec Islands, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, GLKZ, Green Lake, 4.32 16 P, Pn, 01 05 04.8 -3.1, GLKZ, Green Lake, 4.32 16 S, Pn, 01 05 53.3 -3.8, MXZ, Matakaoa Point, 4.56 204 P, Pn, 01 05 10.8 -0.5, MXZ, Matakaoa Point, 4.56 204 S, Pn, 01 05 05.2 +2.1, PUZ, Puketihi, 4.94 205 P, Pn, 01 05 16.9 +0.7, PUZ, Puketihi, 4.94 205 P, Pn, 01 05 16.5 +0.1, PUZ, Puketihi, 4.94 205 S, Pn, 01 05 18.7 +0.9, RUGZ, Raukumara Rang, 5.15 208 P, Pn, 01 05 19.2 -0.2, RUGZ, Raukumara Rang, 5.15 208 S, Pn, 01 05 23.3 +2.8, CNGZ, Carnagh Station, 5.43 201 P, Pn, 01 05 18.9 +0.7, TKGZ, Te Karaka, 5.25 209 P, Pn, 01 05 23.3 -0.7, MWZ, Matawai, 5.53 207 P, Pn, 01 05 23.3 -1.1, OPRZ, Ohinepanea, 5.55 216 P, Pn, 01 05 26.1 +1.5, URZ, Urewera, 5.63 210 P, Pn, 01 05 25.1 -0.6, URZ, Urewera, 5.63 210 S, Pn, 01 05 25.1 +0.5

Table with columns: URZ, Urewera, 5.63 210 Pn, Pn, 01 05 25.1 -0.6, MKAZ, Mounakai, 5.82 229 P, Pn, 01 05 30.7 +2.4, SNGZ, Shannon Station, 5.98 206 P, Pn, 01 05 30.2 -0.5, OUZ, Omahuta, 6.13 251 P, Pn, 01 05 32.7 +0.2, MCHZ, McNeill Hill, 6.81 207 P, Pn, 01 05 40.6 -1.2, MCHZ, McNeill Hill, 6.81 207 S, Pn, 01 05 58.5 +0.7, CKHZ, Cape Kidnapper, 6.87 204 P, Pn, 01 05 42.1 -0.4, KWHZ, Kaweka Forest, 6.90 209 P, Pn, 01 05 42.0 -1.1, KRZV, Karewarewa, 6.97 214 P, Pn, 01 05 44.3 +0.3, NGZ, Ngaurohu, 7.06 214 P, Pn, 01 05 44.9 -0.3, BHZ, Black Hill Sta, 7.11 210 P, Pn, 01 05 44.5 -1.4, KRHZ, Kereru, 7.11 208 P, Pn, 01 05 44.3 +0.3, KRHZ, Kereru, 7.11 208 S, Pn, 01 05 43.3 -1.8, FWZ, Far West T-bar, 7.14 214 P, Pn, 01 05 45.8 -0.7, WHVZ, Whangaehu Hut, 7.15 214 P, Pn, 01 05 45.4 -1.2, MOVZ, Moawhango, 7.17 212 P, Pn, 01 05 45.0 -1.7, PNHZ, Pukenui, 7.41 208 P, Pn, 01 05 46.6 -3.4, PNHZ, Pukenui, 7.41 208 S, Pn, 01 07 08.3 -4.1, WPHZ, Waipukurau, 7.45 206 P, Pn, 01 05 48.9 -1.5, WPHZ, Waipukurau, 7.45 206 S, Pn, 01 07 10.7 -2.6, PRHZ, Porangahau, 7.56 204 P, Pn, 01 05 49.9 -2.9, PRHZ, Porangahau, 7.56 204 S, Pn, 01 07 13.2 -2.8, TSZ, Takapari Road, 7.63 208 P, Pn, 01 05 50.0 -2.9, DVHZ, Dannevirke, 7.76 207 P, Pn, 01 07 14.9 -2.8, DVHZ, Dannevirke, 7.76 207 S, Pn, 01 05 51.4 -3.3, POWZ, Post Office Ro, 7.99 208 P, Pn, 01 07 17.0 -3.8, PRWZ, Porirua Road, 8.05 207 P, Pn, 01 05 27.5 +0.5, BFZ, Birch Farm, 8.07 205 P, Pn, 01 05 54.9 -3.9, HMWZ, Holdsworth Sta, 8.52 207 P, Pn, 01 06 00.2 -4.8, THWZ, Te Maipa, 8.57 205 P, Pn, 01 06 01.4 -4.3, CAWZ, Otaki Gorge, 8.59 209 P, Pn, 01 06 03.1 -2.8, KIWZ, Kapiti Island, 8.74 212 P, Pn, 01 06 03.4 -4.6, CGN, Cannon Point, 8.88 209 P, Pn, 01 06 05.4 -4.5, DUWZ, D'Urville Isla, 9.13 214 P, Pn, 01 06 10.3 -2.9, TCUW, Tory Channel, 9.30 211 P, Pn, 01 06 11.8 -3.7, TUWZ, Tuamarina, 9.62 212 P, Pn, 01 06 17.2 -2.7, NWZ, Nelson, 9.71 215 P, Pn, 01 06 16.5 -4.6, BSWZ, Blackbirch Sta, 9.88 211 P, Pn, 01 06 20.5 -3.0, THZ, Tophouse, 10.36 214 P, Pn, 01 06 25.6 -4.5, KHZ, Kahutara, 10.60 210 P, Pn, 01 06 29.0 -4.2, ASAR, Alice Springs, 41.93 271 P, Pn, 01 11 44.0 -1.6, WRA, Warrunguna Arr, 43.20 276 P, Pn, 01 11 53.8 -1.9, GQSA, South Pole Qui, 56.70 180 P, P, 01 13 40.5 +3.2, SNAZ, Senas, 75.17 179 P, P, 01 15 38.7 +3.2, VNAZ, Neumayer Olymp, 75.37 177 P, P, 01 15 40.1 +3.5, VNAZ, Neumayer-Watz, 75.79 177 P, P, 01 15 43.0 +4.0, VNA1, Neumayer-Stat, 76.02 177 P, P, 01 15 44.1 +3.8, FINES, FINES Array B, 147.55 337 PKPbc, PKPbc, 01 23 37.7 -0.9, NOA, NORSAR Array B151, 349 PKPbc, PKPbc, 01 23 47.8 +1.6, BRTR, Keskin Array B, 152.90 293 PKPbc, PKPbc, 01 23 49.8 -0.3, TORZ, Torodi Arr. Bea, 159.80 183 PKPab, PKPab, 01 24 33.7 +2.3

Table with columns: ISC 12 01:07:39.7, 38:82N, 43:44E, h10km, ML2, 0/5, ISC/JB 12 01:07:40.6-0.6, 38:82N, 0:04:43:46E:0:08, h18km, 8km, Error ellipse: s-maj=10.8km s-min=5.8km az=23.5, DDA 12 01:07:40.3, 38:82N, 43:47E, h7km, M2, 7, ISC 12 01:07:40.3-1.0, 38:84N, 0:04:43:45E:0:05, h18km, 5km, n10, e47/15, Turkey, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, VMUR, Van-Muradiye, 0.18 32 i/Pn, Pn, 01 07 44.9 0.0, VANB, Van, 0.24 19 i/Sg, Pn, 01 07 49.3 +0.5, TVAN, Van, 0.31 186 i/Pn, Pn, 01 07 46.4 -0.7, TVAN, Van, 0.31 186 i/Sg, Pn, 01 07 51.9 +0.2, CLDR, Caldiran, 0.48 50 i/Pn, Pn, 01 07 49.5 -0.5

Table with columns: CLDR, Caldiran, 0.48 50 i/Sg, Sg, 01 07 57.1 -0.1, CLDR, Caldiran, 0.48 50 i/Pn, Pn, 01 07 49.6 -0.5, CLDR, Caldiran, 0.48 50 i/S, Sg, 01 07 57.0 -0.1, TUTA, Tutak, 0.75 319 i/Pn, Pn, 01 07 55.0 +0.1, AGRB, Hanur-Agry, 1.02 335 Pn, Pn, 01 07 56.1 0.0, GURO, Guyromak-BITLI, 1.14 256 Pn, Pn, 01 08 01.9 +0.3, GURO, Guyromak-BITLI, 1.14 256 Pn, Pn, 01 08 17.7 +0.3, HAKT, HAKKARI, 1.29 171 i/Pn, Pn, 01 08 03.7 0.0, TASB, TABSURUN-IGDIR, 1.30 28 Pn, Pn, 01 08 04.7 +0.5

Table with columns: MEX 12 01:13:11.4-0.6, 16:31N, 98:11W, h6km, 3km, MD3.6, Near coast of Guerrero, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, PNIG, Pinotepa, 0.08 345 ePn, Pn, 01 13 12.6 -0.7, PNIG, Pinotepa, 0.08 345 eSg, Pn, 01 13 14.5 -0.2, TLIG, Tiapa, 1.32 341 ePn, Pn, 01 13 32.3 -4.2, VHO, Vista Hermosa, 1.52 60 i/Pn, Pn, 01 13 34.7 -4.6, VHO, Vista Hermosa, 1.52 60 i/S, Pn, 01 13 54.7 -4.8, UHU, Huatulco, 2.00 105 ePn, Pn, 01 13 42.8 -2.9, UHU, Huatulco, 2.00 105 eSg, Pn, 01 14 06.9 -4.2, MEIG, Mezcala, 2.16 318 ePn, Pn, 01 13 44.5 -3.5, MEIG, Mezcala, 2.16 318 eSg, Pn, 01 14 01.1 -5.1, ARIG, Puento Sto Nin, 2.90 313 i/S, Pn, 01 14 30.0 -3.4

Table with columns: IDC 12 01:13:20.1-0.6, 12:04N, 88:69W, h0km, mb4.3/20, mb1 4.5/23, mb1mx4.3/4.3, mbtmp4.3/23, ML4.2/2, MS3.1/12, Ms1 3.2/12, ms1mx3.0/4.2, Error ellipse: s-maj=26.7km s-min=11.7km az=55.0, UCR 12 01:13:22.4-1.9, 11:98N, 88:97W, h3km, 10km, MD4.4, ML4.2, mb4.6, NEIC, ISC/JB 12 01:13:23.1-0.2, 12:03N, 0:03:88:92W:0:02, h25km, MSC2, 1/2, MSC2, 1/2, Error ellipse: s-maj=4.4km s-min=2.3km az=33.1, NEIC 12 01:13:27.4-0.7, 12:01N, 88:75W, h50km, 6km, mb4.6/138, Error ellipse: s-maj=6.5km s-min=3.5km az=46.0, ISC 12 01:13:24.4-0.7, 11:96N, 0:05:88:87W:0:04, h27km, 4km, n514, e124/529, mb4.6/134, MS3.1/12, Off coast of central America, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, LCY, Lacayo, 1.56 21 Op, Pn, 01 13 54.0 +0.8, VSM, San Miguel, 1.57 22 ePn, Pn, 01 13 52.0 +1.2, PACA, Pacayal, 1.59 19 Pn, Pn, 01 13 51.6 +0.7, PACA, Pacayal, 1.59 19 eSg, Pn, 01 14 14.8 +1.8, SNVI, San Vicente, 1.64 1 ePn, Pn, 01 13 52.0 +0.4, EFRS, El Faro, 1.67 354 Pn, Pn, 01 13 51.4 +0.5, PAVA, Las Pavas, 1.75 358 ePn, Pn, 01 13 33.0 -0.1, PAVA, Las Pavas, 1.75 358 AML, AML, 01 14 20.4

Table with columns: SNET, Serv Nac Est T, 1.75 348 ePn, Pn, 01 13 52.8 -0.3, SNET, Serv Nac Est T, 1.75 348 AML, AML, 01 14 19.6, LBRS, Las Brisas, 1.78 355 ePn, Pn, 01 13 53.4 0.0, OPAM, San Salvador, 1.78 350 AML, AML, 01 14 17.8, LFU, La Fuente, 1.79 352 ePn, Pn, 01 13 53.8 +0.1, LFU, La Fuente, 1.79 352 eSg, Pn, 01 14 17.2 +1.5, UEES, San Salvador, 1.79 348 AML, AML, 01 14 19.4, BOQS, Boqueron, 1.81 347 ePn, Pn, 01 13 53.8 -0.2, BOQS, Boqueron, 1.81 347 eSg, Pn, 01 13 54.0 -3.0, CRIN, San Cristobal, 1.92 67 ePn, Pn, 01 13 56.7 +1.2, CRIN, San Cristobal, 1.92 67 eSg, Pn, 01 14 24.3 +1.8, CRIN, San Cristobal, 1.92 67 AML, AML, 01 14 30.7, RTR, El Retiro, 2.07 339 ePn, Pn, 01 13 57.3 -0.3, TEL3, Telica 3, 2.07 73 ePn, Pn, 01 13 58.2 +0.7, CNGN, Cerro Negro, 2.19 76 ePn, Pn, 01 14 00.8 -2.6, CNGN, Cerro Negro, 2.19 76 eSg, Pn, 01 14 30.0 +2.9, COPN, Copaltepe, 2.24 84 ePn, Pn, 01 14 00.9 +1.2, MOMN, Momotombo, 2.32 79 ePn, Pn, 01 14 01.8 +0.7, APYN, Apoyeque, 2.48 119 ePn, Pn, 01 14 05.4 +1.4, XAVN, Xaca Xavier, 2.50 85 ePn, Pn, 01 14 04.7 +1.4, MGAN, Managua, 2.57 86 ePn, Pn, 01 14 05.5 +1.3, MGAN, Managua, 2.57 86 eSg, Pn, 01 14 37.7 -3.3, TGUH, Tegucigalpa, Un, 2.60 37 ePn, Pn, 01 14 06.4 +1.6, TGUH, Tegucigalpa, Un, 2.60 37 eSg, Pn, 01 14 43.5 +1.6, TGUH, Tegucigalpa, Un, 2.60 37 eSg, Pn, 01 14 43.5 +1.6, MASN, Masaya, 2.66 89 ePn, Pn, 01 14 07.9 -3.5, ESTN, Estel, 2.69 65 ePn, Pn, 01 14 06.3 -0.2, ESTN, Estel, 2.69 65 eSg, Pn, 01 14 07.0 +0.9, MATN, Matagalpa, 3.03 71 ePn, Pn, 01 14 11.4 +0.7, BOAB, BOACO BROADBA, 17 81 ePn, Pn, 01 14 13.1 +0.2, BOAB, BOACO BROADBA, 17 81 eSg, Pn, 01 14 13.2 +0.6, CONN, Concepcion, 3.20 97 ePn, Pn, 01 14 14.2 +1.3, APG, El Apazote, 3.40 333 Pn, Pn, 01 14 16.2 +0.3, APG, El Apazote, 3.40 333 Sn, Sn, 01 14 51.7 -3.8

Table with columns: APG, El Apazote, 3.40 333 Sn, Sn, 01 14 51.7 -3.8, NY14, Universidad de, 3.52 111 i/Pn, Pn, 01 14 19.5 +2.1, GBS3, Finca Las Im, 3.55 109 i/Pn, Pn, 01 14 19.9 +2.1, LABC, Finca la Perla, 3.57 109 i/Pn, Pn, 01 14 20.2 +2.1, GP5Z, Hotel Rinc, 3.65 109 i/Pn, Pn, 01 14 16.5 +2.5, VCB, Vista de Mar, 3.66 119 ePn, Pn, 01 14 20.5 +1.1, MESS, Mesas, 3.80 108 ePn, Pn, 01 14 24.4 -6.5, CUI, Ciuplilla, 3.86 109 ePn, Pn, 01 14 24.7 +2.7, PTEN, Parque Tenorio, 4.00 108 i/Pn, Pn, 01 14 26.5 +2.4, JTS, JuntasAbangare, 4.19 113 Pn, Pn, 01 14 28.8 +2.3, JTS, JuntasAbangare, 4.19 113 Sn, Sn, 01 15 19.3 +1.8, JTS, JuntasAbangare, 4.19 113 ePn, Pn, 01 14 29.1 +2.6, JTS, J

12d 1h

2012 SEP

453A	Whigham	19.27	12	P	Pn	01 17 49.0 +0.8
454A	Quitman	19.29	14	P	Pn	01 17 49.4 +1.0
346A	Big Creek Wild	19.34	358	P	Pn	01 17 49.9 +0.9
347A	Saraland	19.35	1	P	Pn	01 17 49.6 +0.5
349A	Repton	19.36	4	P	Pn	01 17 50.0 +0.7
348A	Jackson	19.38	2	eP	P	01 17 48.5 +0.3
348A	Jackson	19.38	2	P	Pn	01 17 50.1 +0.6
351A	Pinckard	19.46	8	P	Pn	01 17 50.6 +0.3
344A	Westbrook Farm	19.48	355	eP	P	01 17 49.5 +0.2
344A	Westbrook Farm	19.48	355	P	Pn	01 17 51.0 +0.4
350A	Dozier	19.51	6	P	Pn	01 17 51.3 +0.3
342A	Flagon Creek P	19.58	351	eP	Pn	01 17 52.5 +0.6
342A	Flagon Creek P	19.58	351	P	P	01 17 51.6 +1.2
341A	Kurthwood	19.69	349	eP	P	01 17 53.0 +1.4
341A	Kurthwood	19.69	349	P	P	01 17 52.8 +1.2
352A	Blakey	19.77	10	P	Pn	01 17 54.2 +0.2
353A	Camilla	19.77	12	P	Pn	01 17 54.3 +0.2
249A	Camden	19.99	4	P	P	01 17 56.3 +1.5
TIGA	Tifton	19.99	13	P	P	01 17 56.2 +1.4
TIGA	Tifton	19.99	13	P	P	01 17 56.5 +1.6
245A	Little AR Sta	20.00	357	P	P	01 17 56.7 +1.7
247A	Quitman	20.00	1	P	P	01 17 56.6 +1.7
244A	Avery, Jackson	20.06	355	P	P	01 17 57.1 +1.5
248A	Dixon Mills	20.07	3	P	P	01 17 57.2 +1.5
250A	Grady	20.07	6	eP	P	01 17 56.5 +0.8
250A	Grady	20.07	6	P	P	01 17 57.3 +1.6
242A	Grayson	20.23	352	P	P	01 17 58.4 +0.9
251A	Midway	20.29	8	P	P	01 17 59.6 +1.5
252A	Lumpkin	20.30	10	P	P	01 17 59.5 +1.2
435B	Jarrell	20.40	338	eP	P	01 17 58.9 -0.4
435B	Jarrell	20.40	338	P	P	01 17 58.8 -0.5
NATX	Nacogdoches	20.42	346	eP	P	01 18 00.0 +0.5
NATX	Nacogdoches	20.42	346	P	P	01 18 00.4 +0.8
253A	Americus	20.48	12	eP	P	01 17 58.2 -1.9
253A	Americus	20.48	12	P	P	01 18 01.5 +1.4
254A	Abbeville	20.55	14	P	P	01 18 01.8 +0.9
145A	Houston Renfro	20.57	357	P	P	01 18 02.0 +0.8
146A	Union	20.58	360	P	P	01 18 02.5 +1.2
147A	Livingston	20.62	1	eP	P	01 18 03.0 +1.3
147A	Livingston	20.62	1	P	P	01 18 02.8 +1.1
148A	Greensboro	20.63	3	P	P	01 18 02.9 +1.1
149A	Jones	20.63	5	P	P	01 18 03.3 +1.5
150A	Eclectic	20.72	7	P	P	01 18 04.3 +1.5
255A	Hazlehurst	20.73	16	P	P	01 18 04.3 +1.4
151A	Opelika	20.73	8	P	P	01 18 04.1 +1.2
141A	Papa Simpson,	20.88	350	P	P	01 18 05.3 +0.8
256A	Glennville	20.94	17	P	P	01 18 06.9 +1.7
152A	Waverly Hill	20.96	10	eP	P	01 18 06.8 +1.4
152A	Waverly Hill	20.96	10	P	P	01 18 06.4 +1.0
JCT	Junction City	21.03	333	eP	P	01 18 06.1 -0.2
JCT	Junction City	21.03	333	P	P	01 18 06.0 -0.2
140A	Cam and Jess,	21.03	349	P	P	01 18 06.2 +0.1
LRAL	Lakeview Retre	21.05	4	eP	P	01 18 07.3 +1.0
LRAL	Lakeview Retre	21.05	4	P	P	01 18 07.9 +1.6
Z46A	Louisville	21.14	360	P	P	01 18 08.7 +1.4
Z47A	Carrollton	21.15	2	P	P	01 18 08.3 +0.9
154A	Montrose	21.23	14	eP	P	01 18 09.7 +1.5
154A	Montrose	21.23	14	P	P	01 18 09.2 +0.9
Z49A	Columiana	21.25	5	P	P	01 18 09.6 +1.1
Z43A	Armstrong Farm	21.26	355	P	P	01 18 09.7 +1.0
Z48A	Northport	21.35	3	P	P	01 18 11.6 +2.1
Z50A	Ashland	21.37	7	eP	P	01 18 11.1 +1.3
Z50A	Ashland	21.37	7	P	P	01 18 11.3 +1.5
155A	Kite	21.39	15	P	P	01 18 11.3 +1.3
WHTX	Lake Whitney,	21.45	340	eP	P	01 18 09.9 -0.7
WHTX	Lake Whitney,	21.45	340	P	P	01 18 11.3 +0.6
Z41A	Richland Creek	21.50	351	eP	P	01 18 12.9 +1.7
ATAH	Althualpa	21.64	151	P	P	01 18 14.2 +0.9
ATAH	Althualpa	21.64	151	LR	LR	01 25 08.1
156A	Sylvania	21.68	17	P	P	01 18 15.5 +2.4
Z53A	Monticello	21.77	12	P	P	01 18 15.2 +1.2
Y45A	Yeager Farm, C	21.82	358	P	P	01 18 15.9 +1.4
Y46A	Houston	21.82	0	P	P	01 18 15.4 +0.8
Y47A	UCPARC, Winfie	21.86	2	P	P	01 18 15.5 +0.5
Z54A	Sparta	21.89	14	P	P	01 18 16.4 +1.1
Y48A	Jasper	21.91	4	P	P	01 18 15.7 +0.1
Y49A	Blount Mountai	21.91	5	eP	P	01 18 16.3 +0.6
Y49A	Blount Mountai	21.91	5	P	P	01 18 16.6 +1.0
GOGA	Godfrey	21.92	12	eP	P	01 18 16.6 +0.9
GOGA	Godfrey	21.92	12	P	P	01 18 16.1 +0.5
CCAR	Cane Creek	22.02	354	eP	P	01 18 16.9 +0.2
Y50A	Piedmont	22.02	7	P	P	01 18 17.9 +1.1
Y41A	Eaglette Beard	22.09	352	P	P	01 18 18.2 +0.7
LTX	Lajitas	22.11	324	eP	P	01 18 18.1 +0.2
LTX	Lajitas	22.11	324	ePcP	PcP	01 22 15.6 +0.6

TXAR	Lajitas Array	22.11	324	P	P	01 18 18.1 +0.2
TXAR	Lajitas Array	22.11	324	PcP	PcP	01 22 15.6 +0.6
TXAR	Lajitas Array	22.11	324	LR	LR	01 27 21.1
TX31	Lajitas Ar. Si	22.11	8	eP	P	01 18 18.4 +0.5
Y51A	Rockmart	22.11	8	P	P	01 18 17.7 -0.1
Y52A	Libburn	22.24	11	eP	P	01 18 19.9 +0.7
Y52A	Libburn	22.24	11	P	P	01 18 19.4 +0.2
Y53A	Moose	22.32	12	P	P	01 18 20.1 +0.1
X45A	UM Field Stati	22.37	359	P	P	01 18 20.6 +0.1
X48A	Hartselle	22.45	4	eP	P	01 18 22.3 +0.9
X48A	Hartselle	22.45	4	P	P	01 18 22.2 +0.7
OXF	Oxford	22.46	359	eP	P	01 18 22.1 +0.7
OXF	Oxford	22.46	359	P	P	01 18 21.5 +0.1
X44A	Crenshaw	22.47	357	P	P	01 18 21.5 0.0
X47A	Wesleyville	22.48	2	P	P	01 18 22.9 +1.2
X46A	Booneville	22.50	1	P	P	01 18 23.2 +1.3
Y54A	Tignell	22.52	14	P	P	01 18 22.1 0.0
X49A	Woodville	22.57	5	P	P	01 18 22.6 0.0
X50B	Fort Payne	22.59	7	P	P	01 18 23.0 +0.1
X42A	Stuttgart	22.63	354	P	P	01 18 23.7 +0.4
X41A	Kaden, Bauxite	22.68	351	P	P	01 18 23.8 0.0
X40A	Basin Creek Fa	22.71	352	eP	P	01 18 25.0 +0.8
X40A	Basin Creek Fa	22.71	352	P	P	01 18 24.5 +0.3
SJG	San Juan	22.77	72	LR	LR	01 28 03.2
ABTX	Abilene, Hawle	22.82	336	eP	P	01 18 24.4 -1.0
ABTX	Abilene, Hawle	22.82	336	P	P	01 18 24.9 -0.5
MIAR	Mount Ida	22.89	350	eP	P	01 18 26.0 0.0
MIAR	Mount Ida	22.89	350	P	P	01 18 26.1 0.0
UALR	University of	22.93	353	eP	P	01 18 26.9 +0.5
X39A	Fountain Ranch	22.95	349	P	P	01 18 27.7 +1.1
X52A	Dahlonega	22.99	11	P	P	01 18 27.6 +0.4
X53A	Estanolee	23.01	12	P	P	01 18 27.3 0.0
W48A	Pulaski	23.14	4	P	P	01 18 28.7 +0.1
W49A	Belvidere	23.18	5	P	P	01 18 29.4 +0.4
W47A	Westpoint	23.22	3	P	P	01 18 29.2 -0.2
JSC	Jenkinsville	23.28	16	eP	P	01 18 31.0 +1.0
W41B	Gary Mavity, V	23.31	353	eP	P	01 18 30.8 +0.5
W41B	Gary Mavity, V	23.31	353	P	P	01 18 30.8 +0.5
MTP	Monte Pirata	23.32	72	eP	P	01 18 29.5 -1.0
W50A	Signal Mountai	23.36	7	eP	P	01 18 31.4 +0.5
W50A	Signal Mountai	23.36	7	P	P	01 18 30.5 -0.3
W51A	Cleveland	23.40	9	P	P	01 18 30.9 -0.2
WHAR	Woolly Hollow	23.43	353	eP	P	01 18 31.4 -0.1
W40A	Ferguson Farm,	23.44	351	eP	P	01 18 31.8 +0.2
W40A	Ferguson Farm,	23.44	351	P	P	01 18 31.1 -0.5
W52A	Murphy	23.46	10	P	P	01 18 32.1 +0.3
BG3	Lake Jocassee	23.56	12	eP	P	01 18 33.4 +0.7
W39A	Magazine	23.56	350	eP	P	01 18 32.9 +0.2
W39A	Magazine	23.56	350	P	P	01 18 32.3 -0.4
LPIG	La Paz	23.65	304	LR	LR	01 27 19.0
W53A	Cullowhee	23.66	12	P	P	01 18 34.2 +0.1
V46A	Holladay	23.75	2	P	P	01 18 34.0 -0.5
V48A	Smith Brothers	23.75	4	P	P	01 18 34.2 -0.4
V47A	Nunnely	23.80	3	P	P	01 18 34.2 -0.8
PCRV	Puerto La Cruz	23.85	92	P	P	01 18 37.8 +2.0
V42A	Cord	23.85	355	P	P	01 18 34.9 -0.6
V49A	McIntinnville	23.85	6	P	P	01 18 34.8 -0.8
V41A	Mountainview	23.91	353	P	P	01 18 36.2 +0.1
STVI	Saint Thomas	23.93	72	eP	P	01 18 36.5 +0.1
V40A	Witts Springs	24.01	352	eP	P	01 18 37.2 +0.2
V40A	Witts Springs	24.01	352	P	P	01 18 36.6 -0.5
TKL	Tuckaleechee C	24.04	10	P	P	01 18 36.7 -0.6
TKL	Tuckaleechee C	24.04	10	LR	LR	01 27 51.6
TKL	Tuckaleechee C	24.04	10	P	P	01 18 37.4 +0.1
KMCS	Kings Mountain	24.07	15	P	P	01 18 38.2 +0.6
WVT	Waverly	24.08	2	eP	P	01 18 36.5 -1.1
WVT	Waverly	24.08	2	P	P	01 18 38.0 +0.3
V39A	Pettigrew	24.16	350	P	P	01 18 37.9 -0.6
V53A	Saluda	24.23	12	eP	P	01 18 39.5 +0.3
V53A	Saluda	24.23	12	P	P	01 18 40.1 +1.0
V52A	Sevierville	24.25	10	eP	P	01 18 40.2 +0.9
V52A	Sevierville	24.25	10	P	P	01 18 39.1 -0.2
U44B	Burton Farm, H	24.28	359	P	P	01 18 39.3 -0.2
U43A	Rector	24.34	357	P	P	01 18 39.3 -0.7
U42A	Revdend	24.38	355	P	P	01 18 40.2 -0.2
WMOK	Wichita Mounta	24.40	340	eP	P	01 18 39.2 -1.5
WMOK	Wichita Mounta	24.40	340	P	P	01 18 39.2 -1.5
U47A	Clarksville	24.42	3	P	P	01 18 39.9 -0.8
U41A	Viola	24.43	354	P	P	01 18 40.2 -1.0
U48A	Cashe Pea, Po	24.54	5	P	P	01 18 40.9 -1.7
U40A	Yellville	24.56	352	P	P	01 18 42.2 +0.2
U49A	Red Boiling Sp	24.61	6	P	P	01 18 41.7 -0.8
U50A	Jamestown	24.62	8	P	P	01 18 41.9 -0.8
TUL1	Leonard	24.65	346	eP	P	01 18 41.9 -1.0
TUL1	Leonard	24.65	346	P	P	01 18 42.1 -0.8

U39A	Green Forest	24.67	351	P	P	01 18 42.5 -0.6
U51A	La Follette	24.70	9	P	P	01 18 43.0 -0.4
U52A	Thorn Hill	24.83	11	P	P	01 18 44.9 +0.3
MNTX	Cornudas Mount	24.85	325	eP	P	01 18 44.1 -0.7
MNTX	Cornudas Mount	24.85	325	P	P	01 18 44.0 -0.7
U53A	Fall Branch	24.95	12	P	P	01 18 45.6 0.0
T47A	Sharon Grove	24.97	3	eP	P	01 18 45.1 -0.7
T47A	Sharon Grove	24.97	3	P	P	01 18 44.6 -1.2
T46A	Princeton	24.99	2	P	P	01 18 45.0 -0.9
T42A	Van Buren	25.04	356	eP	P	01 18 46.2 -0.2
T42A	Van Buren	25.04				

Table with columns: Station, Name, Time, Res, and other details. Includes stations like L47A Sherwood, SCIA State Center, L39A Winton, etc.

Table with columns: Station, Name, Time, Res, and other details. Includes stations like DAC Darwin (Caif), R11A Troy Canyon, BW06 Boulder Array, etc.

Table with columns: Station, Name, Time, Res, and other details. Includes stations like SKT Skwentna, KTH Kantishna Hill, BPWA Bear Paw Hill, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and other details. Includes stations like URZ Urewera, RPZ Rata Peaks, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and other details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr, etc.

12d 2h

JMA 12 01:59:29.4-0.2, 24.789N-122.48E, h40km, M2.6
ISC 12 01:59:29.3-1.1, 24.90N-0.04-122.47E, 0.03, h22km, 10km,
m26, c641/47, SD, Taiwan region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, ISC Op, Time Res, ISC h m s ISC. Rows include stations like Santiao Chiao, EOI1, EGS, TIPB, etc.

Table with columns: PEAI, Station Name, Time Res, ISC h m s ISC, Pn, S, Sn, Pmax, Smax, M, L, LR, Pmax. Rows include stations like Petrovavlovsk, Dalk, Dainy, etc.

Table with columns: SEY, Station Name, Time Res, ISC h m s ISC, Pn, S, Sn, Pmax, Smax, M, L, LR, Pmax. Rows include stations like Seymchan, Kuldur, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KURK, LLLB, BRVK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DUG, BW06, PD31, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LANS, MORC, MORA, etc.

DDA 12 02:06:45.2, 36.92N-35.19E, h19km, M12.7
ISCVB 12 02:06:46.1±0.5, 36.92N-03:35:23E, h9km, 4km,
Error ellipse: s-maj=4.4km s-min=3.5km az=23.9
ISK 12 02:06:46.5, 36.88N-35.23E, h16km, ML2.1/8
ISC 12 02:06:45.9±1.0, 36.92N-03:35:22E, h17km, 9km,
n23, 085/37, Turkey

GOGA Godfrey	23.35	4	eP	P	02 18 08.0 +1.2	W41B Gary Mavity, V	25.76	347	eP	P	02 18 30.3 +1.2	O49A Covington	30.05	2	P	P	02 19 06.0 -1.5
GOGA Godfrey	23.35	4	P	P	02 18 07.6 +0.7	W41B Gary Mavity, V	25.76	347	ePcP	PcP	02 22 00.8 +2.0	O47A Sheridan	30.09	359	P	P	02 19 06.6 -1.2
435B Jarrell	23.48	333	eP	P	02 18 08.2 0.0	W41B Gary Mavity, V	25.76	347	eP	P	02 18 28.6 -0.5	O48A Farmland	30.10	1	P	P	02 19 06.7 -1.2
435B Jarrell	23.48	333	P	P	02 18 08.2 0.0	WHAR Woolly Hollow	25.88	347	eP	P	02 18 28.3 -1.9	O51A Pataskala	30.11	5	P	P	02 19 07.5 -0.5
NNA Nana	23.53	158	LR	LR	02 26 30.0	W40A Ferguson Farm,	25.97	346	eP	P	02 18 30.5 -0.5	O44A Mansfield	30.11	356	P	P	02 19 06.6 -1.4
Z45A Winona	23.54	351	eP	P	02 18 09.2 +0.5	W40A Ferguson Farm,	25.97	346	eP	P	02 18 30.5 -0.5	O52A Adamsville	30.14	6	eP	P	02 19 08.2 0.0
Z45A Winona	23.54	351	P	P	02 18 08.8 +0.1	ABTX Abilene, Hawle	25.97	332	eP	P	02 18 32.5 +1.4	O45A Potomac	30.16	357	P	P	02 19 07.0 -1.4
Z44A Pea Ridge, Bel	23.57	350	P	P	02 18 08.0 -1.0	ABTX Abilene, Hawle	25.97	332	P	P	02 18 30.7 -0.4	ACSO Alum Creek Sta	30.16	4	P	P	02 19 07.4 -1.0
Y49A Blount Mountai	23.73	358	eP	P	02 18 11.2 +0.7	WVT Waverly	26.06	356	eP	P	02 18 31.1 -0.7	SFIN Lafayette	30.25	358	eP	P	02 19 07.8 -1.4
Y49A Blount Mountai	23.73	358	P	P	02 18 10.9 +0.3	WVT Waverly	26.06	356	ePcP	PcP	02 21 59.8 +0.4	SFIN Lafayette	30.25	358	P	P	02 19 07.6 -1.7
Y50A Piedmont	23.75	360	P	P	02 18 11.0 +0.3	W39A Magazine	26.15	345	eP	P	02 18 32.2 -0.5	P38A Dawn	30.32	348	eP	P	02 19 07.5 -2.2
Y51A Rockmart	23.76	1	P	P	02 18 11.1 +0.3	W39A Magazine	26.15	345	P	P	02 18 32.2 -0.5	P38A Dawn	30.32	348	P	P	02 19 07.7 -2.1
Y52A Lilburn	23.76	3	eP	P	02 18 11.7 +0.8	V42A Cord	26.20	349	P	P	02 18 32.6 -0.5	319A Douglas	30.58	317	eP	P	02 19 15.7 +3.3
Y52A Lilburn	23.76	3	P	P	02 18 11.2 +0.4	U51A La Follette	26.27	3	P	P	02 18 32.4 -1.4	KSU1 Kansas State U	30.59	343	eP	P	02 19 12.1 -0.1
Y53A Monroe	23.78	4	P	P	02 18 11.3 +0.2	U50A Jamestown	26.27	1	P	P	02 18 33.3 -0.5	O39A Kirksville	30.73	350	P	P	02 19 11.1 -2.4
Y48A Jasper	23.82	357	P	P	02 18 11.0 -0.4	U46A Springsville	26.32	355	P	P	02 18 33.0 -1.2	PAGS Pennsylvania G	31.08	13	eP	P	02 19 17.0 +0.5
Y47A UCPARC, Winfie	23.85	355	P	P	02 18 12.1 +0.4	U52A Thorn Hill	26.32	4	P	P	02 18 33.4 -0.8	SSPA Standing Stone	31.23	11	eP	P	02 19 18.4 +0.6
Y54A Tignal	23.86	6	P	P	02 18 12.1 +0.3	V41A Mountainview	26.33	348	P	P	02 18 33.6 -0.7	ANMO Albuquerque	31.29	326	LR	LR	02 33 15.9
Y46A Houston	23.93	353	P	P	02 18 11.7 -0.8	U47A Clarksville	26.34	357	P	P	02 18 33.1 -1.2	ANMO Albuquerque	31.29	326	eP	P	02 19 20.7 +2.0
Y45A Yeager Farm, C	24.00	352	P	P	02 18 13.4 +0.3	U53A Fall Branch	26.36	5	P	P	02 18 33.6 -1.0	LPZA La Paz	31.33	146	LR	LR	02 32 47.0
Z41A Richland Creek	24.06	345	eP	P	02 18 13.2 -0.5	U49A Red Boiling Sp	26.38	360	P	P	02 18 33.9 -0.7	N39A Derby Farms, D	31.33	350	eP	P	02 19 17.4 -1.3
Z41A Richland Creek	24.06	345	P	P	02 18 13.4 -0.3	U48A Cassie Pea, Po	26.38	358	P	P	02 18 33.5 -1.2	N39A Derby Farms, D	31.33	350	P	P	02 19 17.4 -1.3
Y44A Strider, Charl	24.20	351	P	P	02 18 14.6 -0.3	U44B Burton Farm, H	26.41	353	P	P	02 18 33.6 -1.4	M41A Milan	31.53	353	P	P	02 19 18.3 -2.1
Z40A Long Farm, Mag	24.22	344	P	P	02 18 15.1 0.0	TZTN Tazewell	26.46	4	P	P	02 18 33.8 -1.6	M40A Post Highland	31.69	351	P	P	02 19 21.0 -0.9
Y43A Makayla and Ka	24.27	349	P	P	02 18 15.6 -0.1	V40A Witts Springs	26.49	347	eP	P	02 18 37.1 +1.3	M54A Oil Creek Stat	31.78	8	P	P	02 19 21.6 -1.1
JCT Junction City	24.29	329	eP	P	02 18 16.1 +0.2	V40A Witts Springs	26.49	347	P	P	02 18 37.1 -1.1	L48A N Adams	31.80	2	P	P	02 19 22.2 -0.7
JCT Junction City	24.29	329	P	P	02 18 15.5 -0.4	U43A Recto	26.59	351	P	P	02 18 35.2 -1.4	L47A Sherwood	31.82	1	P	P	02 19 21.3 -1.7
X50B Fort Payne	24.32	360	P	P	02 18 16.3 +0.2	U42A Revenden	26.70	350	P	P	02 18 36.6 -1.1	M39A Webster	31.86	351	P	P	02 19 20.8 -2.6
X48A Hartselle	24.34	357	eP	P	02 18 16.1 -0.1	V39A Pettigrew	26.72	345	P	P	02 18 36.9 -1.0	N59A State Game Lan	31.96	14	eP	P	02 19 24.6 +0.3
X48A Hartselle	24.34	357	P	P	02 18 15.6 -0.7	PARMO Parma	26.78	353	eP	P	02 18 38.2 -0.2	N59A State Game Lan	31.96	14	P	P	02 19 24.4 +0.1
X49A Woodville	24.38	358	P	P	02 18 16.2 -0.4	T47A Sharon Grove	26.87	357	eP	P	02 18 42.8 +3.6	L42A Oliver, Polo	32.05	354	P	P	02 19 22.9 -2.2
X51A Calhoun	24.43	1	eP	P	02 18 17.8 +0.8	T47A Sharon Grove	26.87	357	P	P	02 18 38.0 -1.2	L43A Garden Prairie	32.15	356	P	P	02 19 24.3 -1.7
X51A Calhoun	24.43	1	P	P	02 18 16.8 -0.3	T50A Nancy	26.88	1	P	P	02 18 38.5 -0.8	TUC Tucson	32.16	317	eP	P	02 19 28.6 +2.3
X53A Estanollee	24.45	5	P	P	02 18 16.9 -0.4	T49A Edminton	26.95	0	P	P	02 18 38.9 -1.0	TUC Tucson	32.16	317	eP	sP	02 19 26.3 -0.3
JSC Jenkinsville	24.46	9	eP	P	02 18 17.8 +0.5	T46A Princeton	26.97	356	P	P	02 18 39.7 -0.4	L41A Preston	32.21	353	P	P	02 19 24.6 -1.9
X47A Russellville	24.46	355	P	P	02 18 16.8 -0.5	PBMO Poplar Bluff	26.99	351	eP	P	02 18 39.6 -0.6	L40A Anamosa	32.29	352	P	P	02 19 25.6 -1.6
WHTX Lake Whitney	24.47	335	eP	P	02 18 17.4 -0.1	PBMC Poplar Bluff	26.99	351	ePcP	PcP	02 22 02.4 +0.8	ERPA Erie	32.33	8	P	P	02 19 26.2 -1.4
WHTX Lake Whitney	24.47	335	P	P	02 18 17.0 -0.4	U40A Yellville	27.03	347	P	P	02 18 39.3 -1.3	K41A Leesburg	32.72	354	P	P	02 19 28.7 -2.2
X52A Dahloga	24.51	3	P	P	02 18 17.2 -0.6	T42A Van Buren	27.34	350	eP	P	02 22 04.5 -0.9	K42A Prairie Point,	32.79	355	P	P	02 19 29.6 -1.9
X45A UM Field Stati	24.53	352	P	P	02 18 17.1 -0.9	T42A Van Buren	27.34	350	ePcP	PcP	02 22 03.2 +0.8	K40A Colesburg	32.91	352	P	P	02 19 29.3 -3.2
X46A Booneville	24.57	354	P	P	02 18 17.6 -0.7	WMOK Wichita Mountai	27.40	330	eP	P	02 18 43.9 0.0	SDCO Great Sand Dun	32.92	330	eP	P	02 19 33.4 +0.3
Y41A Eaglette Beard	24.60	346	P	P	02 18 18.1 -0.5	LPIG La Paz	27.42	304	LR	LR	02 20 14.5	SDCO Great Sand Dun	32.92	330	P	P	02 19 33.3 +0.3
OXF Oxford	24.62	352	eP	P	02 18 18.1 -0.6	T41A Mountain View	27.47	349	LR	LR	02 18 43.5 -1.1	MDP Montagnes des	32.99	96	LR	LR	02 33 46.5
OXF Oxford	24.62	352	P	P	02 18 18.1 -0.6	S48A Wiedeman Farm,	27.51	359	P	P	02 18 43.6 -1.2	X18A Snowflake	33.05	321	eP	P	02 19 36.7 +2.6
Y40A Okolona	24.90	345	P	P	02 18 20.0 -1.3	S51A Beattyville	27.55	3	eP	P	02 18 45.3 +0.1	BINY Binghamton	33.13	13	eP	P	02 19 34.4 -0.2
PLAL Pickwick Lake	24.94	355	eP	P	02 18 21.2 -0.5	S51A Beattyville	27.55	3	P	P	02 18 44.2 -1.0	BINY Binghamton	33.13	13	P	P	02 19 34.1 -0.4
PLAL Pickwick Lake	24.94	355	ePcP	PcP	02 21 57.6 +0.7	PTGA Pitinga	27.63	111	P	P	02 18 44.8 +2.6	MMNV Mt. Morris Dam	33.26	10	eP	P	02 19 35.2 -0.4
BG3 Lake Jocassee	24.96	5	ePcP	PcP	02 18 22.9 +1.0	PTGA Pitinga	27.63	111	eP	P	02 18 48.2 +2.0	J42A Columbus	33.30	355	P	P	02 19 33.6 -2.5
W49A Belvidere	24.98	359	P	P	02 21 58.4 +1.4	S43A Fulton Ridge,	27.72	352	P	P	02 18 44.8 -1.9	TYNO Tynease	33.31	8	P	P	02 19 35.6 -0.5
W52A Murphy	24.99	3	eP	P	02 18 21.6 -0.4	T40A Mansfield	27.72	348	P	P	02 18 44.8 -1.9	K37A Belmont	33.37	349	P	P	02 19 35.0 -1.6
W52A Murphy	24.99	3	P	P	02 18 23.4 +1.2	S44A Carbondale	27.74	354	P	P	02 18 45.2 -1.6	J41A Loganville	33.43	354	P	P	02 19 35.2 -1.9
W48A Pulaski	25.02	357	P	P	02 18 22.9 +0.8	T39A Clever	27.79	347	P	P	02 18 45.6 -1.4	J40A Soldiers Grove	33.54	353	P	P	02 19 35.4 -2.7
W51A Cleveland	25.02	2	P	P	02 18 22.1 -0.3	S41A Jills Farms,	28.00	349	P	P	02 18 46.1 -1.3	S22A 4UR Ranch, Cre	33.58	329	eP	P	02 19 40.1 +1.2
X42A Stuttgart	25.03	348	P	P	02 18 22.5 0.0	WCI Wyandotte Cave	28.00	359	ePcP	PcP	02 18 47.9 -1.4	S22A 4UR Ranch, Cre	33.58	329	P	P	02 19 39.5 +0.6
W50A Signal Mountai	25.05	0	eP	P	02 18 22.3 +0.5	R49A Shenylville	28.14	1	P	P	02 22 05.0 +0.8	MEDO Medina	33.59	9	P	P	02 19 37.7 -0.8
W50A Signal Mountai	25.05	0	P	P	02 18 22.6 -0.1	R50A Paris	28.15	2	P	P	02 18 49.5 -1.0	J39A Deorah	33.61	352	P	P	02 19 36.0 -2.7
SWET Sewanee	25.07	359	eP	P	02 18 23.0 +0.1	S40A Lebanon	28.15	348	P	P	02 18 49.3 -1.3	ACTO Acton	33.79	7	P	P	02 19 39.5 -0.8
W53A Cullowhee	25.12	5	P	P	02 18 24.1 +0.6	R51A Hillsboro	28.20	3	P	P	02 18 50.7 -0.3	I43A Langenfeld Bro	33.80	357	P	P	02 19 37.6 -2.8
X41A Kaden, Bauxite	25.17	346	P	P	02 18 23.2 -0.5	R44A Waltonville	28.27	354	P	P	02 18 50.3 -1.4	X16A Lo Mia Camp, P	33.91	320	eP	P	02 19 43.1 +1.4
KMSC Kings Mountain	25.29	8	eP	P	02 18 23.9 -0.9	MNTX Cornudas Mount	28.32	322	eP	P	02 18 52.8 +0.6	I40A Norwalk	34.02	353	P	P	02 19 40.1 -2.2
CPCT Cooper Cave	25.32	2	eP	P	02 18 26.1 +1.0	R43A Red Bud	28.40	353	P	P	02 18 52.4 +0.1	J36A Seneca 1, Swea	34.04	349	eP	P	02 19 40.7 -1.8
UALR University of	25.40	347	eP	P	02 18 25.3 -0.5	S39A Bolivar	28.41	347	eP	P	02 18 51.2 -1.6	J36A Seneca 1, Swea	34.04	349	P	P	02 19 40.9 -1

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like PDMCI Parker Dam, LAK, SPMM Marine on St., etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like BEKR Beckworth, WVOR Wild Horse Val, ORV Crowin on St., etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like APYN Apoyeque, COPN Copalpete, BOAB BOACO BROADBAND, etc.

MEX 12:02:37.23:8.0, 18:92N-104:55W, h10km, MD3.8, Near coast of Jalisco

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like R15V, WNGZ, CJM, etc.

IDC 12:02:38.34:6:3.2, 33:64S:179:24W, h0km, mb3.5/2, mb1 3.9/3, mb1mx3.7/23, mbtmpt3.8/3, ML4.5/1, Error ellipse: s-maj=71.6km s-min=46.5km az=115.0

ISCJB 12:02:38.38:1:0.8, 33:93S:0:06:178:9W:0.1, h35km, mb3.3/2, Error ellipse: s-maj=17.4km s-min=5.8km az=2.0

WEL 12:02:38:40:6:0.7, 34:1S:7:17:9W:1.1, h131km, 32km

ISC 12:02:38:40:7:1.4, 33:92S:0:08:178:3W:0.1, h35km, n42, s185/5s, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like MEXZ, WNGZ, GLKZ, etc.

ISC/B 12:02:57:24:4:0.2, 39:95S:0:05:46:10E:0:06, h10km, mb4.9/52, MS4.6/15, Error ellipse: s-maj=7.0km s-min=6.6km az=138.7

BUI 12:02:57:24:2, 40:00S:46:00E, h10km, mb5.3/16, mB5.3/12, Ms5.1/10, Ms7.4/9.9

IDC 12:02:57:24:0.4, 39:92S:46:12E, h0km, mb4.6/21, mb1 4.7/21, mb1mx4.5/40, mbtmpt4.6/21, MS4.3/9, Ms1 4.2/9, ms1mx3.9/36, Error ellipse: s-maj=16.0km s-min=13.3km az=50.0

NEIC 12:02:57:26:6:1.5, 39:96S:46:07E, h10km, 2km, mb5.0/36, ML5.0, Error ellipse: s-maj=15.4km s-min=14.0km az=58.0

GCMT 12:02:57:28:0:3, 39:85S:0:02:46:07E:0:04, h12km, MW5.0/78, Moment Tensor Solution. s27,c30; s78,c113; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=3.55; 11; Mw=3.09; 10; Mww=0.46; 11; Mw=0.1; 30; Mw=1.0; 53; Best double couple: Ms3.64400*10^19

NP1: s=6.00000; r=49.00000; A=108.00000; NP2: phi=264.00000; delta=0.00000; -A=70.00000; Principal axes: T 3.4790, Pig2.0000; Azm160.0000; N 0.3340, Pig14.0000; Azm69.0000; P -3.8090, Pig76.0000; Azm258.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 12:02:57:25:9:0.3, 40:00S:0:06:46:14E:0:07, h10km, n190, s1944/202, mb5.0/51, MS4.3/15, C, Southwest Indian Ridge

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BOSA, APO, OPO, SUR, LBTB, etc.

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

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

IDC 12 03:05:28.8, 2.4, 11.04S x 113.61E, h0km, mb3.8/4, ...

ISCBJ 12 03:05:32.3, 0.7, 10.93S x 0.06: 113.80E, 0.05, h33km, ...

DJA 12 03:05:35.0, 2.5, 11.5S x 114.4E, h87km, 4.3km, M4, 4/18, ...

ISC 12 03:05:32.5, 0.9, 11.02S x 0.08: 113.86E, 0.05, h35km, n22, ...

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

NIED 12 03:20:00, 41.70N x 144.30E, h20km, Mw4.7, Best double ...

ISCBJ 12 03:20:04, 8.0, 8.41, 69N x 0.03: 144.19E, 0.04, h33km, 5km, ...

MOS 12 03:20:05.2, 0.9, 41.70N x 144.08E, h34km, mb5.0/20, Error ...

JMA 12 03:20:05.0, 0.2, 41.70N x 144.26E, h29km, 2km, M4.6, ...

NEIC 12 03:20:09.1, 0.6, 41.69N x 143.94E, h50km, 5km, mb4.8/18, ...

NEIC Recorded [1 JMA] in south-central Hokkaido. IDC 12 03:20:09.3, 2.4, 41.70N x 144.03E, h57km, 21km, mb4.0/22, ...

ISC 12 03:20:06.1, 1.4, 41.72N x 0.05: 144.21E, 0.05, h28km, 8km, ...

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

IMMV		S	Sn	03 28 09.9	+2.5	SMG	Samos	3.64	37	P	Pn	03 28 42.5	+2.8	MDNY	Mudanya-Bursa	6.72	33	PN	Pn	03 29 24.2	+3	
IMMV		AML	AML	03 28 16.7		DRO	Drossia	3.65	329	P	Pn	03 28 42.6	+2.8	BOLV	Bolavadin	6.75	53	P	Pn	03 29 25.1	+2.6	
IMMV		AML	AML	03 28 16.8		ALIK	Aliki, Aigiaili	3.77	336	P	Pn	03 28 44.7	+3.4	MMB	Musomiste	6.75	358	eP	Pn	03 29 24.2	+1.8	
IMMV	Iera Moni Meta	0.63	354	P	Pn	DSF	Desfina	3.78	341	ePn	Pn	03 28 44.1	+2.5	OHR	Ohrid	6.78	339	iPn	Pn	03 29 23.7	+0.9	
IMMV		S	Sb	03 28 07.9	+0.5	DSF	Desfina	3.78	341	P	Pn	03 28 43.4	+1.8	IGR	Bursa	6.79	35	P	Pn	03 29 26.0	+3.2	
Pb	Sivas	0.64	73	S	Pn	SMG	Samos?	3.84	347	Pn	Pn	03 28 45.0	+2.7	SRTS	Sarajeva-Eregli	6.79	35	P	Pn	03 29 24.8	+1.8	
SIVA		S	Sn	03 28 08.2	+0.7	GCAM	G7zelcam?	3.84	41	iP	Pn	03 28 45.0	+2.7	AKMC	Akamias	6.79	86	P	Pn	03 29 21.1	-1.8	
SIVA		AML	AML	03 28 19.3		RLS	Riolos of Patr	3.84	328	P	Pn	03 28 45.2	+2.8	baz=267								
SIVA	Sivas	0.64	73	P	Pn	MRS	Marmaris-Mugla	3.85	60	PN	Pn	03 28 44.8	+2.3	PPCY	Paphos	6.81	87	P	Pn	03 29 21.2	-1.9	
SIVA		P	Pb	03 27 58.0	0.0	VTN	Vitineia	3.86	324	P	Pn	03 28 45.6	+3.0	GAZI	Gazipasa	6.87	76	iP	Pn	03 29 22.9	-1.1	
PRNS	Prines Rethymn	0.64	34	P	Pn	TRZ	Trizonia	3.88	336	Pn	Pn	03 28 44.7	+1.9	ARMT	Armutlu	6.87	32	PN	Pn	03 29 26.5	+2.5	
PRNS		S	Sb	03 27 57.9	+0.4	KALF	Kalifolia	3.88	337	ePn	Pn	03 28 44.9	+2.5	KRUS	Krusevo	6.90	342	iPn	Pn	03 29 24.8	+0.4	
IDI	Anoia	0.82	56	Pg	Pn	KALE	Kalitheia	3.88	336	P	Pn	03 28 44.8	+1.9	GEMT	Gemlik	6.92	34	PN	Pn	03 29 27.1	+2.5	
IDI		6µm,0.3s,baz=234,slow=16,SNR=2330				CHOS	Chios island	3.90	24	Pn	Pn	03 28 44.7	+1.5	CRLT	Corlu	6.92	24	PN	Pn	03 29 26.9	+2.2	
IDI		8µm,0.3s,baz=288,slow=19,SNR=15	LR	03 28 10.8		CHOS	Chios island	3.90	24	ePn	Pn	03 28 45.3	+2.1	GRFC	Grafica-Cinarc	6.94	32	PN	Pn	03 29 27.5	+2.5	
IDI		comp=Z,80µm,21.9s,baz=179,slow=50				CHOS	Chios island	3.90	24	P	Pn	03 28 45.7	+2.5	DOGA	KONYA, Doganhis	6.94	60	iP	Pn	03 29 27.2	+2.1	
IDI	Anoia	0.82	56	Pg	Pn	CHOS	Chios island	3.90	24	P	Pn	03 28 45.6	+2.3	ALFC	Alefka	7.01	85	P	Pn	03 29 24.1	-1.9	
IDI	Anoia	0.82	56	eSg	Pn	CHOS	Chios island	3.90	24	P	Pn	03 28 45.4	+2.1	CAVI	Cavuskoj	7.06	39	PN	Pn	03 29 29.2	+2.6	
IDI		eSg	Pn	03 28 12.3	+0.3	LRK	Lokris	3.91	348	P	Pn	03 28 45.4	+1.9	KBK	Krupnik	7.07	354	eP	Pn	03 29 28.4	+1.7	
ICM	Heraklion	0.95	60	P	Pn	SRG	Sergoula	3.92	336	P	Pn	03 28 45.8	+2.1	ESKT	Esiksehir	7.16	47	iP	Pn	03 29 31.3	+3.3	
LAST	Lasithi	1.21	74	ePn	Pn	DGB	zmir	3.94	34	iP	Pn	03 28 45.4	+2.0	BORA	Borace	7.16	43	iP	Pn	03 29 31.7	+3.7	
LAST		eSg	Pn	03 28 07.6	0.0	EFP	Efpalio	3.99	335	P	Pn	03 28 46.4	+2.0	ELBA	Catalca	7.19	27	iP	Pn	03 29 31.6	+3.3	
LAST		eSg	Pn	03 28 07.6	+0.9	SKY	Skiros Island	4.06	5	Pn	Pn	03 28 47.5	+2.5	BUY	Buyukada	7.22	32	iP	Pn	03 29 31.6	+2.9	
LAST	Lasithi	1.21	74	P	Pn	SKY	Skiros Island	4.06	5	Pn	Pn	03 28 47.7	+2.3	SZAC	Souini	7.25	88	P	Pn	03 29 27.1	-2.2	
LAST		S	Sb	03 28 30.2	+8.6	URLA	Izmir	4.07	29	PN	Pn	03 28 47.4	+1.9	SZAC	Souini	7.25	88	P	Pn	03 29 49.1	-1.6	
LAST		S	Sb	03 28 17.0	+0.2	URLA	Izmir	4.07	29	iP	Pn	03 28 47.4	+1.9	TIP	Timpagrande	7.28	309	iP	Pn	03 29 32.8	-1.4	
LAST		AML	AML	03 28 35.3		SMIA	Simia	4.10	351	PN	Pn	03 28 48.5	+2.5	TIP	Timpagrande	7.28	309	S	ScP	03 29 45.1	+1.0	
LAST		AML	AML	03 28 35.7		VER	Verkesik	4.12	55	ePn	Pn	03 28 48.6	+2.3	TIP	Timpagrande	7.28	309	eSg	Pn	03 29 38.1	+0.8	
LAST		AML	AML	03 28 35.7		VER	Verkesik	4.12	55	ePn	Pn	03 28 48.6	+2.3	TIP	Timpagrande	7.28	309	S	Pn	03 29 39.9	+0.2	
LAST	Lasithi	1.21	74	P	Pn	VER	Verkesik	4.12	55	eP	Pn	03 28 49.8	+3.5	PLD	Plovdiv	7.28	4	ePn	Pn	03 29 47.9	-3.4	
LAST		Pb	Pb	03 28 26.2	+3.4	ANX	Ano Chora	4.13	336	P	Pn	03 28 49.8	+3.5	PLD	Plovdiv	7.28	4	eP	Pn	03 29 31.3	+1.7	
LAST	Antikythira Is	1.21	329	ePn	Pn	ANX	Ano Chora	4.13	336	P	Pn	03 28 48.4	+1.9	PLD	Plovdiv	7.28	4	eP	Pn	03 29 32.8	+3.2	
ANKY		eSg	Pn	03 28 27.1	+4.3	AYDN	Aydin	4.18	36	iP	Pn	03 28 49.5	+3.0	KONT	Kontopoli-Tatoy	7.38	63	P	Pn	03 29 33.5	+3.6	
ANKY	Antikythira Is	1.21	329	P	Pn	TURN	Turunc	4.21	60	PN	Pn	03 28 45.2	-2.2	CEL	Celeste	7.41	300	ePn	Pn	03 29 32.6	+1.5	
ANKY		AML	AML	03 28 34.2		TURN	Turunc	4.21	60	iP	Pn	03 28 46.0	-1.4	CEL	Celeste	7.41	300	ePn	Pn	03 29 31.4	-0.1	
ANKY		AML	AML	03 28 40.7		DALY	Dalyan (Mu'la)	4.22	61	PN	Pn	03 28 46.0	-1.4	PHP	Peshkopia	7.41	338	iPn	Pn	03 29 31.0	-1.1	
ANKY	Antikythira Is	1.21	329	P	Pn	DALY	Dalyan (Mu'la)	4.22	61	iP	Pn	03 28 49.9	+2.2	PHP	Peshkopia	7.42	345	iPn	Pn	03 29 52.2	-3.4	
NPS	Neapolis	1.34	71	P	Pn	KRBN	Karaburun	4.26	27	PN	Pn	03 28 49.9	+1.8	SKO	Skopje	7.42	345	iPn	Pn	03 29 31.6	0.0	
NPS		S	Sb	03 28 34.8	+1.0	BLCB	Blacina	4.28	33	PN	Pn	03 28 50.3	+1.9	KDNH	Kadinhani	7.45	58	iP	Pn	03 29 33.5	+1.5	
NPS	Neapolis	1.34	71	P	Pn	PVO	Paravola	4.30	332	P	Pn	03 28 52.3	+3.7	GEVY	SAKARYA, Geyve	7.50	39	iP	Pn	03 29 36.0	+3.4	
NPS		AML	AML	03 28 43.6		AOS	Alonnissos	4.34	358	ePn	Pn	03 28 51.2	+2.1	MAMC	Mammari	7.52	85	P	Pn	03 29 31.1	-1.8	
NPS	Neapolis	1.34	71	P	Pn	AOS	Alonnissos	4.34	358	P	Pn	03 28 50.8	+1.6	CSS	Mathiatis	7.62	86	ePn	Pn	03 29 32.1	-2.1	
NPS		AML	AML	03 28 46.2		AOS	Alonnissos	4.34	358	P	Pn	03 28 51.2	+2.1	CSS	Mathiatis	7.62	86	ePn	Pn	03 29 32.2	-1.7	
NPS	Neapolis	1.34	71	P	Pn	AKIA	Akionisos	4.36	354	ePn	Pn	03 28 50.5	+1.0	CSS	Mathiatis	7.62	86	P	Pn	03 29 32.0	-2.2	
NPS		S	Sb	03 28 30.6	+4.0	SKIA	Skionisos	4.36	354	ePn	Pn	03 28 50.5	+1.0	PGB	Panagyurishte	7.71	1	eP	Pn	03 29 37.2	+1.7	
NPS	Neapolis	1.34	71	P	Pn	SKIA	Skionisos	4.36	354	P	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	iP	ScP	03 29 38.2	+1.6	
NPS		AML	AML	03 28 29.6	+3.0	SKIA	Skionisos	4.36	354	P	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 45.0	+3.0	
NPS		AML	AML	03 28 16.2	+1.0	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 50.2		VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.1	+1.5	
NPS		AML	AML	03 28 51.0		VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.1	+1.5	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata	4.36	321	ePn	Pn	03 28 50.5	+1.0	VTS	Vitosh	7.78	355	ePn	Pn	03 29 38.2	+1.6	
NPS		AML	AML	03 28 15.0	-0.2	VLS	Valsamata															

Table of radio stations with columns for call sign, name, frequency, and other details. Includes stations like OFRI, HNTI, GRUS, STON, etc.

Table of radio stations with columns for call sign, name, frequency, and other details. Includes stations like KIS, KIS, SIM, SIM, etc.

Table of radio stations with columns for call sign, name, frequency, and other details. Includes stations like WTTA, WTTA, OKC, OKC, etc.

763

Table with columns: Call ID, Name, Frequency, Modulation, Power, SNR, and other technical details. Includes stations like TEY Ternei, HUMP Col San Antoni, L47A Sherwood, etc.

2012 SEP

Table with columns: Call ID, Name, Frequency, Modulation, Power, SNR, and other technical details. Includes stations like H40A Chili, R51A Hillsboro, S52A Salyersville, etc.

12d 3h

Table with columns: Call ID, Name, Frequency, Modulation, Power, SNR, and other technical details. Includes stations like TPUB Ta-pu, U52A Thorn Hill, JFWS Jewell Farm, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include stations like Milan, Sugar Creek Fa, Yates City, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include stations like Calhoun, Calhoun, Mertquake, Sal, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include stations like Truxton, Tifton, Kasi Kota Agung, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SNA, VNA, VNA3, GSPA, etc.

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

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

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

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

RND	MLR	MLR			SIT	comp=Z,47nm,0.9s	LR	LR		K04D	comp=Z,1.1um,22.0s	90.45	47	P	P	04 41 10.1 +0.9						
MCK	McKinley	81.31	23	eP	P	04 40 22.8 -0.6	SIT	comp=Z,900nm,20.0s	84.78	32	eP	pmax	pmax	04 40 42.3 +1.0	A04D	Chiloquin, OR	90.50	41	P	P	04 41 09.9 +0.9	
MCK	McKinley	81.31	23	eP	pmax	04 40 22.8 -0.6	SIT	comp=Z,47nm,0.9s							AFDM	Lummi Island	90.50	51	eP	P	04 41 10.9 +0.8	
MCK	McKinley	81.31	23	eP	pmax	04 40 22.8 -0.6	EGAK	comp=Z,900nm,20.0s	84.81	23	eP	P	P	04 40 42.0 +0.7	AFDM	Forest Hills D	90.50	51	eP	LR	LR	
MCK	Manley	81.32	21	eP	MLR	MLR	EGAK	comp=Z,52nm,0.8s						D05A	Enumclaw	90.80	43	eP	P	P	04 41 11.6 +1.1	
MLY	Manley	81.32	21	eP	P	04 40 23.9 +0.5	AML	comp=Z,800nm,22.0s	84.91	313	P	P	P	B05A	Bryant	90.85	42	eP	P	P	04 41 11.4 +0.7	
MLY	Browne	81.33	22	eP	P	04 40 23.8 +0.3	QSPA	Almayashu	84.91	180	P	P	P	04 40 43.5 +0.7	LON	Longire	90.87	43	eP	P	P	04 41 11.4 +0.5
BWN	Divide	81.34	26	eP	P	04 40 24.4 +0.7	QSPA	South Pole Qui	84.91	180	P	P	P	04 40 42.1 0.0	LON	Longire	90.87	43	eP	LR	LR	
BWN	Divide	81.34	26	eP	P	04 40 24.4 +0.7	QSPA	South Pole Qui	84.91	180	eP	P	P	04 40 42.1 0.0	LON	Longire	90.87	43	eP	pmax	pmax	04 41 11.4 +0.5
KLU	Klutina	81.45	25	eP	P	04 40 25.1 +0.9	HYT	comp=Z,42nm,1.3s	84.92	28	eP	P	P	04 40 43.6 +1.4	LON	Longire	90.87	43	eP	MLR	MLR	
KLU	Ragged Mountai	81.49	27	eP	P	04 40 25.6 +1.2	HYT	comp=Z,92nm,0.9s						LON	Longire	90.87	43	eP	MLR	MLR		
DHY	Denali Highway	81.60	24	eP	P	04 40 25.2 +0.2	EKSZ	Erkin-Say	84.95	313	P	P	P	04 40 42.7 0.0	PAGB	Antelope Grade	90.90	54	eP	P	P	04 41 13.4 +2.1
DHY	Bremner River	81.78	26	eP	P	04 40 26.5 +0.6	MAW	Mawson	85.12	203	P	P	P	04 40 43.2 +0.3	J05D	Fort Rock, OR	90.90	47	P	P	P	04 41 12.4 +1.1
WRH	Wood River Hill	82.00	22	eP	P	04 40 26.7 -0.2	MAW	comp=Z,1.8nm,0.6s,baz=95,slow=5.5,SNR=90						I05D	Terrebonne, OR	90.94	46	P	P	P	04 41 12.2 +0.8	
WRH	Murphy Dome	82.20	22	eP	P	04 40 27.6 -0.4	MAW	comp=Z,0.4nm,0.4s,baz=319,slow=7.3,SNR=3.6						CMB	Columbia Cole	91.02	52	eP	P	P	04 41 12.9 +1.1	
MDM	Murphy Dome	82.20	22	eP	LR	LR	MAW	comp=Z,758nm,21.9s,baz=69,slow=33					CMB	Columbia Cole	91.02	52	eP	LR	LR			
MDM	Clear Creek Bu	82.20	22	eP	P	04 40 27.1 -0.8	MAW	comp=Z,1.1um,21.0s	85.25	24	eP	P	P	04 40 43.2 +0.3	CMB	Columbia Cole	91.02	52	eP	pmax	pmax	04 41 12.9 +1.1
CCB	Novosibirsk	82.23	327	iP	LR	LR	DAWY	comp=Z,51nm,1.2s	85.25	24	eP	P	P	04 40 44.4 +0.8	CMB	Columbia Cole	91.02	52	eP	MLR	MLR	
COLA	Novosibirsk	82.29	22	eP	P	04 40 28.3 0.0	DAWY	comp=Z,1.1um,21.0s						CMB	Columbia Cole	91.02	52	eP	MLR	MLR		
COLA	Novosibirsk	82.29	22	eP	P	04 40 28.1 -0.3	DIB	Dawson Inlet	85.28	36	eP	P	P	04 40 45.3 +1.4	F05D	White Salmon	91.02	44	P	P	P	04 41 12.4 +0.9
COLA	College	82.29	22	eP	MLR	MLR	BESE	Bessie Mountain	85.48	30	eP	P	P	04 40 46.2 +1.3	G05D	Wamic, OR	91.05	45	P	P	P	04 41 12.4 +0.6
COLA	College	82.29	22	eP	pmax	pmax	BESE	comp=Z,69nm,1.0s						SMMC	Simmler	91.07	55	P	P	P	04 41 13.9 +1.8	
COLA	Paxson	82.31	24	PFAKE	LR	LR	JIS	Juneau Island	85.63	31	eP	P	P	04 40 46.4 +1.3	K05A	Summer Lake	91.09	47	eP	P	P	04 41 13.4 +1.1
PAX	Paxson	82.31	24	PFAKE	LR	LR	JIS	comp=Z,34nm,0.8s						PINE	Pine Mountain	91.17	46	eP	P	P	04 41 13.7 +1.1	
CRQM	Cirque	82.33	27	PFAKE	LR	LR	MNAS	Manas	85.84	313	P	P	P	04 40 46.6 -0.6	PKM	Mcperson Peak	91.18	55	P	P	P	04 41 14.5 +1.7
CRQM	Harding Lake	82.41	22	eP	P	04 40 28.8 -0.3	NRK	Noril'sk	86.02	341	P	P	P	04 40 47.5 +0.2	BEKR	Beckworth	91.21	50	eP	P	P	04 41 13.6 +0.8
HDA	Harding Lake	82.41	22	eP	P	04 40 30.5 +0.8	NRK	comp=Z,8.7nm,0.5s,baz=151,slow=24,SNR=12						BEKR	Beckworth	91.21	50	eP	LR	LR		
TGL	Tana Glacier	82.47	27	eP	P	04 40 30.5 +0.8	WHY	Whitehorse	86.09	28	eP	P	P	04 40 47.8 +0.8	SBC	Santa Barbara	91.22	56	P	P	P	04 41 14.2 +1.5
TGL	Eielson Array	82.60	22	P	LR	LR	WHY	comp=Z,43nm,0.9s						SCZ2	Santa Cruz Isl	91.24	56	P	P	P	04 41 14.4 +1.5	
ILAR	Eielson Array	82.60	22	P	P	04 40 29.1 -1.0	WRAK	Wrangell Islan	86.18	33	eP	P	P	04 40 50.0 +1.7	LLLB	Lillooet	91.25	39	eP	P	P	04 41 12.8 +0.2
ILAR	Eielson Array	82.60	22	P	P	04 40 29.1 -1.0	WRAK	comp=Z,149nm,1.3s						SNCC	San Nicolas Is	91.27	57	eP	P	P	04 41 15.5 +2.5	
ILAR	Eielson Array	82.60	22	P	P	04 40 29.1 -1.0	KBL	Kabul	87.24	305	PFAKE	LR	LR	04 41 10.0 +1.6	SNCC	San Nicolas Is	91.27	57	eP	P	P	04 41 14.9 +1.9
ILAR	Eielson Array	82.60	22	P	P	04 40 29.1 -1.0	KK31	Karatay Array	87.39	313	eP	P	P	04 40 54.5 -0.1	RUBR	Rubra Trail	91.29	51	eP	P	P	04 41 15.6 +2.3
ILB	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	KK31	Karatay Array	87.39	313	iP	pmax	pmax	04 40 54.2 -0.4	RUBR	Rubra	91.29	51	eP	LR	LR	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	KKAR	Karatay Array	87.39	313	eP	P	P	04 40 54.5 -0.1	MOD	Modoc Plateau	91.45	48	eP	P	P	04 41 14.7 +0.8
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	KKAR	Karatay Array	87.39	313	eP	P	P	04 40 54.5 -0.1	G06A	Carlson Farm	91.53	45	eP	P	P	04 41 14.8 +0.8
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	BBB	Bella Bella	87.64	37	PFAKE	LR	LR	04 41 10.0 +1.5	G06A	Carlson Farm	91.53	45	eP	LR	LR	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	DLBC	Dease Lake	87.89	31	eP	P	P	04 40 57.9 +1.2	G06D	Leavenworth	91.61	42	eP	P	P	04 41 14.7 +0.4
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	KMRM	Klamath Ridge	88.70	50	eP	P	P	04 41 03.3 +2.3	VCNR	Virginia City	91.71	51	eP	P	P	04 41 16.7 +1.5
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	KHMM	Horse Mountain	88.77	49	eP	P	P	04 41 03.7 +2.3	VCNR	Virginia City	91.71	51	eP	LR	LR	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	INK	Inuvik	88.89	21	eP	LR	LR	04 41 00.9 -0.2	BLG	Laguna Peak, P	91.72	56	P	P	P	04 41 16.0 +0.9
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	INK	comp=Z,58nm,1.2s						PNTR	Pine Nut	91.73	51	eP	P	P	04 41 17.0 +1.7	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	INK	comp=Z,600nm,21.0s	88.89	21	eP	pmax	pmax	04 41 00.9 -0.2	PNTR	Pine Nut	91.73	51	eP	LR	LR	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	INK	comp=Z,58nm,1.2s						PNTR	Pine Nut	91.73	51	eP	MLR	MLR		
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	J01D	Myrtle Point	88.93	47	P	P	P	04 41 03.1 +1.3	WAKR	Walker	91.80	52	eP	P	P	04 41 17.3 +1.6
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	L02D	Cave Junction	89.04	48	P	P	P	04 41 03.5 +1.1	WAKR	Walker	91.80	52	eP	LR	LR	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	K02D	Williamette Mer	89.06	47	P	P	P	04 41 03.7 +1.1	WAKR	Walker	91.80	52	eP	LR	LR	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	BVAO	Borovoye Array	89.10	323	P	P	P	04 41 00.0 -2.5	YES	Vestal, Richgr	91.86	54	P	P	P	04 41 16.0 +0.4
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	I02D	Swisshome	89.12	46	P	P	P	04 41 04.0 +1.3	PAHR	Pah Rah Range	91.95	50	eP	P	P	04 41 17.2 +1.0
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	BRVK	Borovoye	89.17	323	eP	P	P	04 41 02.4 -0.3	PAHR	Pah Rah Range	91.95	50	eP	LR	LR	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	BRVK	comp=Z,6.8nm,0.7s						YERR	Yerington	92.00	51	eP	P	P	04 41 17.5 +0.9	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	BRVK	comp=Z,500nm,20.0s	89.17	323	eP	pmax	pmax	04 41 01.3 -1.5	YERR	Yerington	92.00	51	eP	LR	LR	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	BRVK	comp=Z,9.0nm,1.3s						ARVC	Arvin	92.00	55	P	P	P	04 41 17.9 +1.5	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	GDXM	Geysers	89.22	51	PFAKE	LR	LR	04 41 20.0 +1.7	MDPB	Devils Postpil	92.01	53	eP	P	P	04 41 17.9 +1.2
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	O02D	Mt. Diablo Mer	89.39	50	P	P	P	04 41 05.5 +1.3	MDPB	Devils Postpil	92.01	53	eP	LR	LR	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	I03D	Drain, OR	89.42	46	P	P	P	04 41 05.1 +0.9	OSI	Osito Audit: C	92.05	56	PFAKE	LR	LR	04 41 30.0 +1.3
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	M02C	Callahan	89.49	49	P	P	P	04 41 06.0 +1.3	OSI	Osito Audit: C	92.05	56	PFAKE	LR	LR	
KSH	Kashi	82.67	311	eP	P	04 40 29.1 -1.0	N02D															

020A	White River Ci	100.52	50	P	Pdif	04 41 56.0 +0.8
121A	Cookes Peak, D	101.11	58	P	Pdif	04 42 00.1 +2.1
RWWY	Rawlins	101.22	49	ePdif	Pdif	04 41 58.7 +0.4
SMCO	Snowmass	101.54	51	ePdif	Pdif	04 42 00.9 +0.9
LAO	LASA Array	101.58	44	ePdif	Pdif	04 42 00.9 +1.4
LAO	LASA Array	101.58	44	P	Pdif	04 42 00.7 +1.1
K22A	Casper	101.67	48	PFAKE	LR	04 42 10.0 +1.0
K22A	comp-Z, 800nm, 20.0s	101.67	48	P	Pdif	04 42 00.6 +0.4
SNAA	Sanae	101.70	188	P	PKKPbc	04 58 05.7 -3.1
SNAA	Sanae	101.70	188	P	PKKPbc	04 58 06.0 -2.8
SNAA	comp-Z, 1.1nm, 0.6s, baz=229, slow=2.9, SNR=8.8	101.70	188	ePdif	PKKPbc	04 58 06.0 -2.8
SNAA	Sanae	101.70	188	P	PKKPbc	04 58 06.0 -2.8
S22A	4UR Ranch, Cre	101.72	53	ePdif	Pdif	04 42 02.2 +1.5
S22A	comp-Z, 1.1um, 21.0s	101.72	53	P	Pdif	04 42 02.2 +1.5
S22A	4UR Ranch, Cre	101.72	53	P	Pdif	04 42 02.2 +1.5
Y22D	IRIS PASSCAL I	101.79	56	PFAKE	LR	04 42 10.0 +9.1
Y22D	comp-Z, 700nm, 22.0s	101.79	56	P	Pdif	04 42 04.8 +2.2
ANMO	Albuquerque	102.14	55	ePdif	Pdif	04 42 03.5 +1.0
ANMO	Albuquerque	102.14	55	eP	pmax	04 42 03.5 +1.0
ANMO	Albuquerque	102.14	55	P	Pdif	04 42 04.8 +2.2
EPT	El Paso	102.21	59	PFAKE	LR	04 42 20.0 +1.7
EPT	comp-Z, 600nm, 19.0s	102.23	49	ePdif	Pdif	04 42 03.9 +1.1
N23A	Red Feather La	102.23	49	P	Pdif	04 42 03.9 +1.1
N23A	Red Feather La	102.23	49	P	Pdif	04 42 03.9 +1.1
ISCO	Idaho Springs	102.55	50	ePdif	Pdif	04 42 05.4 +1.0
ISCO	comp-Z, 600nm, 20.0s	102.55	50	eP	MLR	04 42 05.4 +1.0
ISCO	Idaho Springs	102.55	50	P	Pdif	04 42 05.4 +1.0
ISCO	Idaho Springs	102.55	50	P	Pdif	04 42 05.4 +1.0
PHWY	Pilot Hill	102.56	49	ePdif	Pdif	04 42 05.1 +0.7
PHWY	comp-Z, 400nm, 18.0s	102.56	49	P	Pdif	04 42 05.7 +1.0
DGMT	Dagmar	102.76	42	ePdif	Pdif	04 42 05.8 +1.0
DGMT	Dagmar	102.76	42	P	Pdif	04 42 05.8 +1.0
SDCO	Great Sand Dun	102.77	53	ePdif	Pdif	04 42 06.5 +1.1
SDCO	comp-Z, 900nm, 22.0s	102.77	53	P	Pdif	04 42 06.1 +0.7
SDCO	Great Sand Dun	102.77	53	P	Pdif	04 42 06.1 +0.7
VNA3	Neumayer Olymp	102.92	186	P	PKKPbc	04 58 01.4 -3.8
VNA2	Neumayer-Watz	102.97	187	P	PKKPbc	04 58 01.5 -3.5
Q24A	Divide	102.97	51	PFAKE	LR	04 42 20.0 +1.4
Q24A	comp-Z, 1.1um, 21.0s	102.97	51	P	Pdif	04 42 07.2 +0.9
Q24A	Divide	102.97	51	P	Pdif	04 42 07.2 +0.9
HPIG	HPIG	103.05	64	PFAKE	LR	04 42 20.0 +1.3
HPIG	comp-Z, 1.1um, 21.0s	103.17	59	P	Pdif	04 42 08.3 +1.4
MNTX	Cornudas Mount	103.17	59	P	Pdif	04 42 08.3 +1.4
VNA1	Neumayer-Stat	103.33	187	P	PKKPbc	04 58 01.3 -2.6
RSSD	Black Hills	103.36	46	ePdif	Pdif	04 42 08.0 +0.3
RSSD	Black Hills	103.36	46	eP	Pdif	04 42 08.0 +0.3
RSSD	Black Hills	103.36	46	P	Pdif	04 42 08.1 +0.3
T25A	Trinidad	103.68	53	ePdif	Pdif	04 42 11.4 +2.1
T25A	comp-Z, 600nm, 20.0s	103.68	53	P	Pdif	04 42 10.8 +1.4
T25A	Trinidad	103.68	53	P	Pdif	04 42 10.8 +1.4
LTX	Lajitas	104.75	61	ePdif	Pdif	04 42 14.8 +0.7
LTX	Lajitas	104.75	61	ePdif	PKKPbc	04 42 14.8 +0.7
TXAR	Lajitas Array	104.75	61	ePdif	Pdif	04 42 14.8 +0.7
TXAR	comp-Z, 0.9nm, 0.6s, baz=259, slow=2.7, SNR=3.8	104.75	61	ePdif	PKKPbc	04 46 29.8 +0.3
TXAR	Lajitas Array	104.75	61	P	PKKPbc	04 46 29.8 +0.3
APA	Apapity	105.37	340	P	Pdif	04 42 16.0 +0.1
APA	comp-Z, 8.0nm, 0.8s	105.95	68	PFAKE	LR	04 46 40.0
ZAIG	Zacatecas	105.95	68	PFAKE	LR	04 46 40.0
ZAIG	Fort Churchill	106.45	30	PFAKE	LR	04 46 40.0
FCC	FCC	106.45	30	PFAKE	LR	04 46 40.0
ARAO	ARCESS Array S	106.94	343	ePKIP	PKIKP	04 46 32.4 +0.1
ARCES	ARCESS Array B	106.94	343	ePKIP	PKIKP	04 46 32.4 +0.1
CBKS	Cedar Bluff	107.19	51	PFAKE	LR	04 46 50.0
MOIG	Morelia	107.28	71	PFAKE	LR	04 46 50.0
MOIG	comp-Z, 900nm, 20.0s	107.36	312	PFAKE	LR	04 46 50.0
AKH	Akhalkalaki	107.36	312	PFAKE	LR	04 46 50.0
KIV	Kislovodsk	107.53	314	PFAKE	LR	04 46 50.0
JRQJ	Juriquilla Cam	107.96	70	PFAKE	LR	04 46 50.0
JCT	Junction City	108.02	60	PFAKE	LR	04 46 50.0
833A	Chaparral WMA	108.55	62	PFAKE	LR	04 46 50.0
LNIG	Linares	108.70	66	PFAKE	LR	04 46 50.0
ECSD	EROS Data Cent	108.71	46	ePdif	Pdif	04 42 31.4 +0.2
ECSD	EROS Data Cent	108.71	46	P	PKIKP	04 46 36.1 -0.3
WHTX	Lake Whitney	109.87	58	PFAKE	LR	04 46 50.0
435B	Jarrell	109.90	59	PFAKE	LR	04 46 50.0
ANN	Anapa	111.03	316	eP	Pdif	04 42 42.0 +0.5
SPMN	Marine on St.	111.04	43	P	PKIKP	04 46 40.7 0.0
FAIO	FINESS Array S	111.05	335	ePdif	PKIKP	04 42 41.3 +0.1
FAIO	FINESS Array S	111.05	335	eP	Pdif	04 42 41.3 +0.1
FAIO	FINESS Array B	111.05	335	ePdif	Pdif	04 46 39.8 -0.3
FINES	FINES Array B	111.05	335	ePdif	Pdif	04 42 41.3 +0.1
FINES	comp-N, 4.9nm, 0.8s, baz=63, slow=0.2, SNR=6.0	108.71	46	P	PKIKP	04 46 39.8 -0.3
037A	Wolven Farm, M	111.23	49	P	PKIKP	04 46 40.0 +0.3
F38A	Pierce - Schro	111.47	42	P	PKIKP	04 46 41.6 +0.1
HKT	Hockley	111.49	60	PFAKE	LR	04 46 50.0
G38A	Ridgeland	111.70	43	P	PKIKP	04 46 41.5 -0.4
T38A	Diamond	111.71	52	P	PKIKP	04 46 42.0 -0.2
P38A	Dawn	111.80	49	P	PKIKP	04 46 42.1 -0.2
R38A	Fenwick Farm,	111.80	51	P	PKIKP	04 46 41.9 -0.4
Q38A	Cooks Store, C	111.87	50	P	PKIKP	04 46 41.9 -0.5

HHAR	Hobbs	112.13	53	PFAKE	LR	04 47 00.0
F39A	Loretta	112.13	42	P	PKIKP	04 46 42.6 -0.1
G39A	Holcombe	112.14	43	P	PKIKP	04 46 42.5 -0.2
H39A	Augusta	112.24	44	P	PKIKP	04 46 42.6 -0.3
E39A	Mellen	112.24	42	P	PKIKP	04 46 42.4 -0.5
NATX	Nacogdoches	112.26	58	P	PKIKP	04 46 42.7 -0.6
I39A	Houston	112.28	45	P	PKIKP	04 46 42.2 -0.8
J39A	Decorah	112.28	45	P	PKIKP	04 46 42.5 -0.6
X39A	Fountain Ranch	112.29	55	P	PKIKP	04 46 44.2 +0.8
N39A	Derby Farms, D	112.30	48	P	PKIKP	04 46 42.7 -0.5
Q39A	Willow Grove F	112.34	50	P	PKIKP	04 46 43.2 -0.1
S39A	Bolivar	112.35	51	P	PKIKP	04 46 43.3 -0.1
L39A	Vinton	112.37	46	P	PKIKP	04 46 43.2 -0.1
M39A	Webster	112.40	47	P	PKIKP	04 46 43.1 -0.2
P39B	Salisbury	112.42	49	P	PKIKP	04 46 43.5 0.0
T39A	Cleaver	112.44	52	P	PKIKP	04 46 43.3 -0.2
V39A	Pettigrew	112.44	53	P	PKIKP	04 46 43.7 0.0
R39A	Chumbo, Stover	112.45	51	P	PKIKP	04 46 43.5 0.0
W39A	Magazine	112.45	54	P	PKIKP	04 46 43.9 +0.3
F40A	Park Falls	112.66	42	P	PKIKP	04 46 43.5 -0.2
K40A	Colesburg	112.84	46	P	PKIKP	04 46 43.7 -0.4
O40A	La Belle	112.94	49	P	PKIKP	04 46 44.3 -0.1
P40A	Paris	112.94	49	P	PKIKP	04 46 44.0 -0.4
J40A	Soldiers Grove	112.94	45	P	PKIKP	04 46 43.8 -0.6
L40A	Amoska	112.95	46	P	PKIKP	04 46 43.9 -0.4
N40A	Mertquake, Sal	112.97	48	P	PKIKP	04 46 44.4 -0.1
240A	Hunter Patters	112.98	57	P	PKIKP	04 46 44.7 0.0
U40A	Yellville	112.98	53	P	PKIKP	04 46 44.6 0.0
Q40A	Laux Farm, Aux	113.04	50	P	PKIKP	04 46 44.9 +0.2
R40A	Maddies Statio	113.04	51	P	PKIKP	04 46 44.9 +0.3
Y40A	Okolona	113.06	55	P	PKIKP	04 46 45.1 +0.3
T40A	Mansfield	113.08	52	P	PKIKP	04 46 44.8 -0.1
V40A	Witts Springs	113.11	53	P	PKIKP	04 46 45.1 +0.2
F41A	Three Lakes	113.39	42	P	PKIKP	04 46 45.0 -0.2
JFWS	Jewell Farm	113.42	45	P	PKIKP	04 46 44.6 -0.6
J41A	Loganville	113.46	45	P	PKIKP	04 46 44.9 -0.4
N41A	Harden Midland	113.55	48	P	PKIKP	04 46 45.3 -0.3
Y41A	Kaden, Bauxite	113.60	55	P	PKIKP	04 46 46.0 +0.1
X41A	Eaglette Beard	113.63	55	P	PKIKP	04 46 45.9 0.0
V41A	Mountainview	113.64	53	P	PKIKP	04 46 45.6 -0.3
P41A	Barry Barry	113.65	49	P	PKIKP	04 46 45.6 -0.2
W41B	Gary Mavity, V	113.69	54	P	PKIKP	04 46 45.7 -0.2
Q41A	Truon	113.69	50	P	PKIKP	04 46 46.2 +0.4
T41A	Mountain View	113.70	52	P	PKIKP	04 46 45.5 -0.5
U41A	Viola	113.72	53	P	PKIKP	04 46 45.7 -0.3
R41A	Rosebud	113.72	50	P	PKIKP	04 46 45.9 0.0
G42A	Mountain	114.00	42	P	PKPdf	04 46 45.9 -0.4
I42A	Draeger Farm,	114.08	44	P	PKPdf	04 46 46.2 -0.2
L42A	Oliver, Polo	114.08	46	P	PKPdf	04 46 46.3 -0.2
K42A	Prairie Point,	114.10	45	P	PKPdf	04 46 46.1 -0.4
J42A	Columbus	114.10	45	P	PKPdf	04 46 46.3 -0.3
N42A	Yates City	114.12	47	P	PKPdf	04 46 46.8 +0.1
R42A	Luebbering	114.18	50	P	PKPdf	04 46 46.9 +0.1
P42A	Winchester	114.21	49	P	PKPdf	04 46 46.9 +0.1
T42A	Van Buren	114.22	52	PFAKE	LR	04 47 00.0 +1.3
T42A	Van Buren	114.22	52	P	PKPdf	04 46 46.8 -0.2
V42A	Cord	114.25	53	P	PKPdf	04 46 46.7 -0.3
U42A	Revdent	114.26	52	P	PKPdf	04 46 46.4 -0.6
342A	Flagon Creek P	114.29	58	P	PKPdf	04 46 47.0 -0.3
S42A	Caledonia	114.29	51	P	PKPdf	04 46 47.1 0.0
AKASG	Malin Array Be	114.37	324	PKP	PKPdf	04 46 45.8 -1.0
AKBB	Malin Array Si	114.37	324	ePKIKP	LR	04 46 45.8 -1.0
KIEV	Kiev	114.38	324	PFAKE	LR	04 47 00.0 +1.3
KIEV	Kiev	114.38	324	ePKIKP	PKPdf	04 46 46.2 -0.6
N43A	Stutzman Famil	114.73	47	P	PKPdf	04 46 47.8 0.0
P43A	Skaggs, Pawnee	114.81	49	P	PKPdf	04 46 48.1 +0.1
143A	Socs Landing,	114.83	56	PFAKE	LR	04 47 00.0 +1.2
T43A	Greenville	114.84	51	P	PKPdf	04 46 47.6 -0.5
BR10T	Keskin Array S	115.05	312	ePKIKP	PKIKP	04 46 47.7 -1.0
BRTR	Keskin Array B	115.05	312	ePKIKP	PKIKP	04 46 47.7 -1.0
PARMO	Parma	115.36	52	PFAKE	LR	04 47 00.0 +1.1
PARMO	Portageville	115.45	52	PFAKE	LR	04 47 00.0 +1.1
O44A	Mansfield	115.46	48	P	PKPdf	04 46 49.2 0.0
N44A	Crenshaw	115.52	54	P	PKPdf	04 46 49.5 0.0
X44A	Piper City	115.52	47	P	PKPdf	04 46 49.3 0.0
P44A	Sand Creek, Wi	115.53	49	P	PKPdf	04 46 49.4 +0.1
Z44A	Pea Ridge, Bel	115.53	56	P	PKPdf	04 46 49.8 +0.2
244A	Avery, Jackson	115.55	57	P	PKPdf	04 46 50.1 +0.5
Y44A	Strider, Charl	115.57	55	P	PKPdf	04 46 50.1 +0.5
344A	Westbrook Farm	115.62	58	P	PKPdf	04 46 49.9 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ESTREMOZ, SAMUEL, CASTRO VERDE, PUERTO LA CRUZ, TAMARANAS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PUEBLO STO NIN, ZIHUATANEJO, FITZROY CROSSI, WARRAMUNGA ARR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KYTHA, KITHIRA, SANTORINI, ATHENS OBSERVA, etc.

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

2012 SEP

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

12d 5h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ZAA1, ZALV, WMQ, etc.

KRSC 12 05:05:17.0±1.5, 52.620N×160.35E, h44km±15km, ML3.7,

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SPN, NLC, DALK, etc.

IDC 12 05:23:10.9±0.5, 9°28'N-77°89'W, h0km, mb4.0/16, mb1.4/3.9, mb1mx4.2/28, mbtmp4.0/19, ML3.4/3, MS3.6/4, Ms1.3/6.4, ms1mx3.2/32, Error ellipse: s-maj=19.5km s-min=13.0km az=46.0

ISCJB 12 05:23:15.1±0.2, 9°31'N-0°02'-77°79'W:0.02, h33km, mb4.3/4.6, Error ellipse: s-maj=3.1km s-min=2.5km az=147.7

RSNC 12 05:23:16.0±0.0, 9°30'N-77°81'W, h22km±5km, ML4.1, Mw4.3

NEIC 12 05:23:16.9±0.4, 9°25'N-77°77'W, h39km±4km, mb4.5/36, Error ellipse: s-maj=4.9km s-min=3.7km az=207.0

ISC 12 05:23:16.0±0.4, 9°25'N-0°04'-77°78'W:0.04, h35km±375, α153/395, mb4.3/4.6, 1C, Near north coast of Colombia

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like UPD2, CAPC, UPA, etc.

SDV	Santo Domingo	7.06	92	ePn	Pn	05 24 58.0	+0.9
SDV				eSn	Sn	05 26 14.7	-1.7
JTS	JuntasAbangare	7.15	279	Pn	Pn	05 24 59.5	+1.2
	comp=Z,15nm,0.3s,baz=129,slow=13,SNR=32						
JTS				Sn	Sn	05 26 10.6	-7.7
	comp=Z,2.7nm,0.3s,baz=151,slow=19,SNR=1.4						
JTS	JuntasAbangare	7.15	279	ePn	Pn	05 24 59.8	+1.6
JTS				eSn	Sn	05 26 10.6	-7.7
BOAB	BOACO BROADBAN	8.33	293	ePn	Pn	05 25 16.6	+1.6
MCJ	Malvern	8.63	1	i/P	Pn	05 25 18.2	-0.3
STH	Stony Hill	8.83	6	i/P	Pn	05 25 22.1	+0.9
STH				i/S	Pn	05 26 54.1	-5.4
GWJ	Greenwich	8.83	6	i/P	Pn	05 25 22.6	+1.2
MTDJ	Mount Denham	8.93	1	ePn	Pn	05 25 22.3	-0.4
OTAV	Otavallo	8.98	184	ePn	Pn	05 25 26.1	+2.4
BJJ	Bamboo Saint A	9.09	3	i/P	Pn	05 25 26.0	+1.1
TGUH	Teguigalpa,Un	10.48	298	ePn	Pn	05 25 44.9	+0.7
LGNI	L'Ogne	10.48	298	ePn	Pn	05 25 44.9	+0.7
FSCY	Frank Sound, G	10.54	342	ePn	Pn	05 25 43.1	-1.5
BANI	BANI	11.59	38	ePn	Pn	05 25 59.4	+0.2
PCRV	Puerto La Cruz	12.98	85	Pn	Pn	05 26 18.0	-0.2
	comp=Z,1.1nm,0.3s,baz=305,slow=4.8,SNR=52						
PCRV				Sn	Sn	05 28 38.5	-3.0
	comp=Z,0.8nm,0.3s,baz=336,slow=18,SNR=5.7						
AOPR	Arecibo Observ	14.01	49	ePn	Pn	05 26 34.0	+1.9
EMJR	Esperanza - Ma	14.25	49	ePn	Pn	05 26 40.1	-2.2
SJG	San Juan	14.32	51	Sn	Sn	05 29 02.3	-1.2
	comp=Z,2.5nm,0.3s,baz=50,slow=19,SNR=6.9						
SJG	San Juan	14.32	51	ePn	Pn	05 26 37.5	+1.2
SJG				eSn	Sn	05 29 02.3	-1.2
HUMP	Col San Antoni	14.57	51	ePn	Pn	05 26 41.2	+1.5
HUMP				eSn	Sn	05 29 07.6	-1.2
CCIG	Comitan	15.65	298	ePn	Pn	05 26 55.5	+1.3
	comp=Z,5.8nm,0.7s						
CMIG	Matias Romero	18.38	297	P	P	05 27 25.4	-2.6
	comp=Z,0.1nm,0.3s,baz=115,slow=16,SNR=3.7						
PTGA	Pitinga	20.32	118	P	P	05 27 50.9	-0.6
	comp=Z,1.1nm,0.3s,baz=319,slow=20,SNR=2.9						
PTGA				S	S	05 31 26.3	-9.1
	comp=Z,0.8nm,0.2s,baz=315,slow=19,SNR=2.9						
PTGA	Pitinga	20.32	118	eP	P	05 27 49.8	+0.5
	comp=Z,3.4nm,0.8s						
PTGA				S	S	05 31 26.3	-9.1
NNA	Nana	21.12	177	P	P	05 27 57.6	-0.4
	comp=Z,3.1nm,0.4s,baz=297,slow=4.5,SNR=2.2						
353A	Camilia	22.79	346	P	P	05 28 18.1	+2.5
352A	Blakely	23.10	344	P	P	05 28 20.7	+1.8
	comp=Z,8.8nm,1.0s						
SAML	Samuel	23.19	141	eP	P	05 28 19.5	-0.4
252A	Lumpkin	23.54	345	P	P	05 28 24.9	+1.7
155A	Kite	23.66	350	P	P	05 28 25.8	+1.4
349A	Repton	23.67	340	P	P	05 28 26.2	+1.8
154A	Montrose	23.77	349	P	P	05 28 27.1	+1.8
251A	Midway	23.81	344	P	P	05 28 27.6	+1.8
250A	Grady	23.95	342	eP	P	05 28 28.3	+1.2
	comp=Z,2.25nm,0.8s						
152A	Waverly Hall	24.18	346	eP	P	05 28 30.3	+1.1
	comp=Z,7.7nm,0.6s						
152A	Waverly Hall	24.18	346	P	P	05 28 30.6	+1.5
151A	Opelika	24.20	344	P	P	05 28 30.9	+1.6
347A	Saraland	24.21	337	P	P	05 28 31.1	+1.6
249A	Camden	24.22	340	P	P	05 28 31.3	+1.8
150A	Eclectic	24.46	343	P	P	05 28 33.3	+1.5
253A	Monticello	24.51	348	P	P	05 28 34.1	+1.9
248A	Dixon Mills	24.54	339	P	P	05 28 34.2	+1.7
543A	St. Martinville	24.56	330	eP	P	05 28 32.4	-0.2
346A	Big Creek Hill	24.57	335	P	P	05 28 34.2	+1.5
	comp=Z,9.1nm,0.6s						
252A	Williamson	24.60	347	P	P	05 28 34.9	+1.9
GOGA	Godfrey	24.61	349	eP	P	05 28 34.8	+1.6
	comp=Z,5.8nm,0.7s						
GOGA	Godfrey	24.61	349	P	P	05 28 34.7	+1.6
149A	Jones	24.69	342	P	P	05 28 35.3	+1.5
345A	Thompson Farm	24.73	334	P	P	05 28 36.3	+2.0
247A	Quitman	24.82	338	P	P	05 28 37.1	+2.0
142A	Morse	24.94	328	P	P	05 28 37.6	+1.4
548A	Greensboro	24.99	340	P	P	05 28 37.9	+1.4
250A	Ashland	25.05	344	eP	P	05 28 38.5	+1.4
	comp=Z,1.4nm,0.9s						
250A	Ashland	25.05	344	P	P	05 28 38.7	+1.6
Y53A	Monroe	25.07	349	P	P	05 28 39.3	+2.0
LRAL	Lakeview Retre	25.16	342	eP	P	05 28 39.7	+1.6
	comp=Z,1.3nm,0.6s						
LRAL	Lakeview Retre	25.16	342	P	P	05 28 39.9	+1.8
249A	Columbiana	25.16	343	P	P	05 28 39.9	+1.8
	comp=Z,1.5nm,0.4						
344A	Westbrook Farm	25.16	333	eP	P	05 28 39.8	+1.6
	comp=Z,3.3nm,1.0s						
344A	Westbrook Farm	25.16	333	P	P	05 28 40.4	+2.2
	comp=Z,1.49,SNR=5.8						
Y52A	Lilburn	25.17	348	P	P	05 28 40.3	+2.1
511A	Lake Charles	25.23	327	P	P	05 28 40.1	+1.4
147A	Livingston	25.25	339	eP	P	05 28 40.1	+1.2
	comp=Z,3.1nm,0.9s						
147A	Livingston	25.25	339	P	P	05 28 40.1	+1.2
MDP	Montagnes des	25.27	98	P	P	05 28 39.5	+0.1
	comp=Z,10nm,0.7s,baz=180,slow=8.6						
MDP				LR	LR	05 40 06.7	
245A	Little AP, Sta	25.31	335	P	P	05 28 41.5	+2.0
	comp=Z,1.23nm,19.6s,baz=261,slow=40						
442A	Mamou	25.36	329	P	P	05 28 41.6	+1.7
343A	Vidalia	25.43	332	P	P	05 28 42.3	+1.8
Y50A	Rockmart	25.43	346	P	P	05 28 42.2	+1.6
501A	Piedmont	25.60	345	P	P	05 28 43.4	+1.3
X53A	Estanolee	25.64	349	P	P	05 28 43.3	+0.8
244A	Avery, Jackson	25.65	334	P	P	05 28 43.9	+1.4
248A	Northport	25.65	341	P	P	05 28 43.9	+1.4
	comp=Z,15.7,SNR=9.8						
Z47A	Carrollton	25.66	340	P	P	05 28 43.5	+0.9
Y49A	Blount Mountai	25.75	343	P	P	05 28 44.8	+1.3
	comp=Z,15.6,SNR=13						
145A	Houston Renfro	25.82	336	P	P	05 28 45.6	+1.5
X52A	Dahlonoga	25.85	348	P	P	05 28 45.7	+1.3
Z46A	Louisville	25.96	338	P	P	05 28 46.8	+1.4
X51A	Calhoun	26.02	347	P	P	05 28 47.3	+1.4
Y48A	Jasper	26.02	342	P	P	05 28 47.2	+1.2
144A	Alexander Plac	26.05	335	P	P	05 28 50.0	+3.8
X50B	Fort Payne	26.11	345	P	P	05 28 48.4	+1.7
341A	Kurthwood	26.23	329	eP	P	05 28 48.5	+0.7
	comp=Z,1.8nm,0.9s						
341A	Kurthwood	26.23	329	P	P	05 28 51.2	+3.4
	comp=Z,1.44						

Y47A	UCPARW, Winfie	26.23	341	P	P	05 28 49.2	+1.4
	comp=Z,157,SNR=7.7						
W53A	Culowhee	26.27	350	P	P	05 28 50.6	+2.3
	comp=Z,168						
242A	Grayson	26.33	332	P	P	05 28 52.9	+4.3
	comp=Z,147						
X49A	Woodville	26.34	344	P	P	05 28 49.9	+1.1
	comp=Z,161						
X48A	Hartselle	26.49	343	P	P	05 28 51.3	+1.1
Y46A	Houston	26.55	339	P	P	05 28 52.0	+1.3
	comp=Z,155,SNR=10						
W51A	Cleveland	26.57	347	P	P	05 28 52.1	+1.2
Z44A	Pea Ridge, Bel	26.61	336	P	P	05 28 52.6	+1.3
	comp=Z,151						
V53A	Saluda	26.70	351	P	P	05 28 53.6	+1.5
W50A	Signal Mountai	26.73	346	P	P	05 28 53.9	+1.5
	comp=Z,163						
Y45A	Yeager Farm, C	26.79	338	P	P	05 28 54.2	+1.4
	comp=Z,154,SNR=6.0						
X47A	Russelville	26.80	341	P	P	05 28 54.4	+1.4
	comp=Z,158						
W49A	Belvidere	26.90	344	P	P	05 28 55.1	+1.3
	comp=Z,161						
V52A	Sevierville	27.00	350	P	P	05 28 56.1	+1.3
X46A	Booneville	27.04	340	P	P	05 28 56.4	+1.0
	comp=Z,156						
W48A	Pulaski	27.10	343	P	P	05 28 57.1	+1.5
	comp=Z,150						
V51A	Loudon	27.11	348	P	P	05 28 56.5	+0.8
	comp=Z,166						
LPZA	La Paz	27.11	159	P	P	05 28 57.0	+0.4
	comp=Z,0.6nm,0.8s,baz=336,slow=3.7,SNR=4.0						
V50A	Pikeville	27.14	347	P	P	05 28 57.6	+1.6
	comp=Z,164						
X45A	UM Field Stati	27.23	339	P	P	05 28 57.7	+0.9
	comp=Z,154						
OXF	Oxford	27.32	339	P	P	05 28 58.5	+0.9
Y43A	Makayla and Ka	27.37	336	P	P	05 29 00.1	+2.0
	comp=Z,151						
W47A	Westpoint	27.39	342	P	P	05 28 59.1	+0.8
Y49A	McMinville	27.42	346	P	P	05 28 59.8	+1.4
	comp=Z,162						
W46A	Michie	27.53	341	P	P	05 29 00.0	+0.5
	comp=Z,157						
X44A	Crenshaw	27.58	338	P	P	05 29 00.5	+0.6
	comp=Z,153						
V48A	Smith Brothers	27.63	344	eP	P	05 29 02.0	+1.6
	comp=Z,3.3nm,0.8s						
V48A	Smith Brothers	27.63	344	P	P	05 29 01.4	+1.0
	comp=Z,160,SNR=5.4						
833A	Chaparral WMA,	27.82	316	P	P	05 29 01.6	-0.6
	comp=Z,129						
W45A	Hickory Valley	27.82	340	P	P	05 29 02.8	+0.8
	comp=Z,155						
V47A	Nunnely	27.91	343	P	P	05 29 03.8	+1.0
	comp=Z,159,SNR=5.2						
U49A	Red Boiling Sp	28.10	346	P	P	05 29 05.9	+1.3
X42A	Stuttgart	28.21	335	P	P	05 29 06.4	+0.9
	comp=Z,150						
WVT	Waverly	28.28	343	P	P	05 29 07.2	+1.0
	comp=Z,159						
U48A	Cassie Pea, Po	28.28	345	P	P	05 29 07.5	+1.3
	comp=Z,162,SNR=5.2						
T50A	Nancy	28.38	348	P	P	05 29 08.2	+1.1

Table with columns: CHMS, Chumysh, 2.35, 58, P, Pb, 05 51 32.6 -1.7, etc. Lists various astronomical observations with their respective parameters and coordinates.

Table with columns: MAKZ, Makanchi Array, 8.89, 52, Pn, Pn, 05 53 01.1 +1.5, etc. Lists observations from the Makanchi Array with detailed parameters.

Table with columns: KKN, Kakani, 17.68, 138, eP, Pn, 05 54 53.0 -4.4, etc. Lists observations from the Kakani array with detailed parameters.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries like IMMV Iera Moni Meta, IMMV comp=E,585um,0.4s, IMMV comp=N,758um,0.6s, etc.

SOME 12 06:30:52.7, 41.78N; 72:07.0E, h10km
NCC 12 06:30:52.8, 41.79N; 72:05.0E, h0km, mb2.9, mpv2.4,
Error ellipse: s-maj=6.3km s-min=4.8km az=87.0

KRNET 12 06:30:53.4, 0.1, 41.78N; 72:09.0E, h19km, mb2.4
ISC 12 06:30:53.0, 0.9, 41.78N; 72:14.0E; 0.02, h9km, gkm,
n2s, c1504/49, 23C-16Z, Kyrgyzstan

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries like ARK Arkit, ARK baz=82, MNAS Manas, etc.

IDC 12 06:30:00.0, 0.35, 188S; 101.89W, h0km, mb4.4/14,
mb1.4/5.14, mb1mx4.5/3.5, mbtmp4.4/14, MS3.9/4,
Ms1.3/9.4, ms1mx3.5/1.8, Error ellipse: s-maj=25.4km
s-min=16.5km az=106.0

ISCJB 12 06:31:00.5, 0.4, 36.05S; 0.06, 101.67W; 0.10, h10km,
mb4.4/4.8, MS3.8/3, Error ellipse: s-maj=11.9km
s-min=8.5km az=155.9

GCMT 12 06:31:04.9, 0.4, 35.96S; 0.02, 101.64W; 0.02, h20km, 1km,
Mw4.9/7.7, Moment Tensor Solution, s19.c20; s77.c96;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.71; 19;
Mw=0.68; 14; Ms=1.39; 16; Ms1.36; 30; Ms2.23; 10;
Ms0.14; 24; Best double couple: M2.98500; 1016
NP1; b285.00000; 87.00000; 1-15.00000; NP2;
e=188.00000; 862.00000; 1-15.00000; Principal axes:
T 3.0630, Plg10.0000; Azms45.0000; N -0.1380,
Plg58.0000; Azm307.0000; P -2.9270, Plg29.0000;
Azms150.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

NEIC 12 06:31:06.0, 0.4, 36.03S; 101.63W, h35km, mb4.5/37 Error
ellipse: s-maj=11.8km s-min=8.9km az=50.0

ISC 12 06:31:02.2, 0.7, 35.99S; 0.10, 101.70W; 0.1, h10km, n70,
c1509/65, mb4.5/4.8, MS3.9/3, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries like RPN Rapa Nui, RPN 10.99 321 LR, etc.

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries like GO05 Hualaeo, PLCA Paso Flores, PLCA comp=Z,138nm,20.8s, etc.

ISCJB 12 06:42:11.5, 0.2, 60.24N; 0.02, 151.92W; 0.04, h91km, 2km,
mb3.9/8, Error ellipse: s-maj=3.5km s-min=2.7km az=42.6

IDC 12 06:42:11.4, 1.4, 60.26N; 151.98W, h70km, mb3.6/8,
mb1.3/9.13, mb1mx3.6/5.1, mbtmp4.0/13, MS3.5/2,
Ms1.3/5.2, ms1mx2.8/3.8, Error ellipse: s-maj=30.2km
s-min=9.3km az=114.0

NEIC 12 06:42:13.0, 0.0, 60.27N; 152.00W, h80km, ML3.9(AEIC),
After AEIC

NEIC Feil [I] at Kaslof and Kenai and [II] at Homer and
Stelling. Also felt at Anchor Point, Cooper Landing and
Soldotna.

ISC 12 06:42:12.6, 0.7, 60.24N; 0.03, 151.95W; 0.03, h83km, 6km,
n128, c083/145, mb4.0/3, Kenai Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries like RDT Redoubt, RED Redoubt, RDWB Redoubt West, etc.

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries like CNPM China Poot, CNPM Spurr Chakacha, CNPM Crater Peak Br, etc.

ARCES ARCES Array B 50.61 1 P
0.5nm, 0.5s, baz=10, slow=7, SNR=8.5

KSRS KRSR Array A 53.54 2 P
1.6nm, 0.6s, baz=37, slow=6.5, SNR=8.1

KSAR Yonjo Array Be 53.67 283 P
55.08 306 P
1.8nm, 0.5s, baz=43, slow=7.1, SNR=9.6

NOA NORSTAR Array B 58.75 10 P
0.9nm, 0.8s, baz=349, slow=6.8, SNR=3.1

FINES FINES Array B 58.64 1 P
0.9nm, 0.6s, baz=325, slow=5.3, SNR=3.6

FINES comp=Z,7.6nm, 19.6s, baz=266, slow=38

KURK Kurchatov Array 62.13 326 P
KURB Kurchatov Array 62.23 326 P
0.4nm, 0.4s, baz=28, slow=17, SNR=17

MKAR Makanchi Array 64.57 322 P
0.3nm, 0.5s, baz=40, slow=4.0, SNR=4.1

GERES GERES Array B 70.65 10 P
0.5nm, 0.5s, baz=39, slow=6.3, SNR=3.6

NANA Nana 93.06 109 LR
comp=Z,1.2nm, 18.1s, baz=100, slow=35

NIED 12 07:18:00, 25.10N, 123.30E, h5km, Mw4.9 Best double
couple: M2.32000; 1016; 11.1; 269.00000; 835.00000;
c167.00000; NP2; e=62.00000; 858.00000;
-1.105.00000

IDC 12 07:18:40, 0.6, 24.95N; 123.09E, h0km, mb4.3/22,
mb1.4/4.24, mb1mx4.2/5.6, mbtmp4.3/24, ML3.5/2, MS2.2/36,

12d 7h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like NORSTAR Array S, Wood Farm, Sta, etc.

IDC 12 07:19:07.0, 0.6, 46.79N, 155.87E, h0km, mb4.4/28, mb1.4, 6.33, mb1mx4.4/6.0, mbtmp4.4/3.3, ML4.1, 17.5, MS3.0/2, Ms1.0, 0.2, ms1mx2.7/3.9, Error ellipse: s-maj=17.4km s-min=11.8km az=166.0

ISCJB 12 07:19:08.3, 0.4, 46.89N, 155.58E, 0.06, h18km, mb4.5/37, MS4.6/1, Error ellipse: s-maj=8.5km s-min=4.5km az=142.1

SKHL 12 07:19:09.7, 0.2, 46.89N, 155.73E, h52km, 7km, mb5.4/11, Ms4.7/1

MOS 12 07:19:12.6, 1.9, 46.89N, 155.46E, h54km, mb4.8/27, Error ellipse: s-maj=7.9km s-min=6.9km az=75.3

ISC 12 07:19:09.4, 0.5, 46.84N, 155.77E, 0.06, h18km, n123, c201/132, mb4.6/37, 3C-8D, East of Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Severo-Kuril's, Kuril'sk, etc.

2012 SEP

Main table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Yuzh-Kuril'sk, Lagunnoye, etc.

784

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Chiang Mai Arr, Arcybinsk, etc.

KRSC 12 07:22:11.8, 0.9, 53.55N, 160.69E, h43km, 13km, ML3.5, Near east coast of Kamchatka Peninsula

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

MAN 12 07:36:32.9, 9.18N, 125.43E, h1km, mb3.8, ML2.6, MS2.2, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BUTP Butuan, SCPH Surigao, CGP Cagayan de Oro, etc.

MEX 12 07:44:04.9, 0.4, 17.17N-100.33W, h55km, 5km, MD3.8, Guerrero

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CAIG Aci Cayaco, ACP2 Acapulco, MEIG Mezcala, etc.

MEX 12 08:00:13.3, 0.7, 16.39N-98.40W, h15km, 6km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PNIG Pinotepa, TLIG Tlapa, etc.

IDC 12 08:07:31.1, 4.5, 26.09S, 132.32E, h0km, mb1.3/4, mb1mx3.2/3, mbtmp3.2/3, ML3.2/3, Error ellipse: s-maj=58.4km s-min=26.0km az=96.0, South Australia

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

NIED 12 08:18:00.25, 10N, 123.30E, h5km, Mw4.5 Best double couple: Ms5.56000x1015 NP1.275.00000, 832.00000, lambda=48.00000, NP2.48.00000, delta7.00000, lambda=12.00000

JMA 12 08:18:54.2, 0.2, 25.08N, 123.33E, h22km, M3.7

IDC 12 08:18:54.1, 0.8, 24.95N, 123.20E, h0km, mb4.0/10, mb1.4/11, mb1mx3.8/40, mbtmp3.9/11, ML3.0/1, MS3.7/24, Ms1.3/124, ms1mx3.6/39, Error ellipse: s-maj=25.2km s-min=17.1km az=77.0

ISCJB 12 08:18:56.7, 0.7, 24.93N, 123.30E, 0.4, h33km, 5km, mb4.0/13, MS3.8/18, Error ellipse: s-maj=6.5km s-min=4.7km az=35.5

NEIC 12 08:18:57.9, 1.0, 24.91N, 123.16E, h26km, 9km, mb4.5/4, Error ellipse: s-maj=7.6km s-min=5.3km az=118.0

ISC 12 08:18:57.1, 1.3, 24.87N, 123.30E, 0.03, h23km, 11km, n65, r133/55, mb4.0/13, MS3.7/18, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YOJ Yonaguni jima, JYNG Yonagunijimaku, IRIF Iriomote-Funau, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JOW Kunigami, JNU Nakatsue, TGU Tagayay City, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSR5 KSR5, KS01 Wonyu Array Si, HJH Hachio jima 2, etc.

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

ISCJB 12 09:03:09.8, 0.6, 55.21S, 0.08, 26.9W, 0.2, h10km, mb4.3/7, MS3.5/1, Error ellipse: s-maj=15.4km s-min=10.0km az=148.8

IDC 12 09:03:09.7, 0.9, 55.22S, 26.54W, h0km, mb4.0/6, mb1.4/17, mb1mx3.9/21, mbtmp4.0/7, ML3.6/1, MS3.5/1, Ms1.3/4/1, ms1mx2.8/19, Error ellipse: s-maj=31.1km s-min=20.5km az=77.0

NEIC 12 09:03:11.4, 0.6, 55.25S, 26.77W, h10km, mb4.4/6, Error ellipse: s-maj=15.1km s-min=13.4km az=216.0

ISC 12 09:03:11.6, 0.8, 55.35S, 0.1, 27.04W, 0.09, h10km, n27, r156/26, mb4.4/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

IDC 12 09:03:21.3, 2.0, 10.65S, 114.06E, h0km, mb3.8/5, mb1.3/9, mb1mx3.7/5, mbtmp3.8/6, ML3.7/1, MS3.2/1, Ms1.3/2/1, ms1mx2.4/6, Error ellipse: s-maj=90.1km s-min=19.7km az=51.0, South of Bali

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, etc.

ISK 12 09:05:37.6, 36.92N, 37.48E, h13km, ML2.4/2

DDA 12 09:05:38.8, 37.11N, 37.42E, h7km, ML2.8

ISCJB 12 09:05:39.8, 0.9, 36.96N, 0.06, 37.39E, 0.05, h26km, 6km, Error ellipse: s-maj=10.6km s-min=6.7km az=19.7

ISC 12 09:05:39.8, 1.2, 37.02N, 0.06, 37.39E, 0.04, h23km, 9km, n10, r0584/17, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GAZ Gaziantep, KMRS Kahramanmaraş, SURC SANLIURFA SURC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, etc.

ISCJB 12 09:20:56.1, 0.2, 32.55S, 0.03, 68.71W, 0.03, h134km, 1km, mb4.5/149, Error ellipse: s-maj=4.8km s-min=4.2km az=16.3

SJA 12 09:20:57.6, 1.0, 32.64S, 68.79W, h127km, 6km, ML4.7, MW4.5

NEIC 12 09:20:58.1, 0.1, 32.61S, 68.69W, mb4.6/135, MD4.7(SJA), Error ellipse: s-maj=6.2km s-min=3.5km az=78.0

NEIC Felt [V] at Mendoza. IDC 12 09:20:58.3, 0.4, 32.58S, 68.66W, h139km, 3km, mb4.0/13, mb1.4/15, mb1mx4.0/27, mbtmp4.4/15, MS2.8/2, Ms1.2/92, ms1mx2.6/21, Error ellipse: s-maj=16.6km s-min=11.7km az=76.0

GUC 12 09:20:59.7, 0.5, 32.59S, 69.25W, h152km, 14km, ML4.5

ISC 12 09:20:57.5, 0.4, 32.83S, 0.03, 68.80W, 0.03, h138km, 3km, h138km, pP, n57, r109/604, mb4.6/147, 6C-1D, Mendoza Province

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ASAL Salagasta, ARCO CERRO ARCO, ULMAR Lac du Bonnet, etc.

AAGR Agrelo, AUSP Uspallata, RTSL Cerro Valdivia, RTLS Leoncito, etc.

SJA comp=Z, 1.0um, 0.2s, San Juan, comp=Z, 0.5s, Cerro Villucun, etc.

ACAN Cantantial, ACAN Farellones, FCH Cerro Canal, etc.

PEL Peldehue, PEL Peldehue, PEL Peldehue, etc.

LMEL Las Melosas, AMOG MOGNA, ROCH El Roble, etc.

ROCH El Roble, ROCH El Roble, RFA San Rafael, etc.

MRA San Martin, GO04 Tololo Observa, GO04 Tololo Observa, etc.

GO04 Tololo Observa, LA SERENA La Serena, LA SERENA La Serena, etc.

GO05 Hualae0, GO05 Hualae0, GO05 Hualae0, etc.

TCA Tanti, VCA Vinchina, LCO Las Campanas, etc.

LCO Las Campanas, LCO Las Campanas, LCO Las Campanas, etc.

GO03 Copiar, GO06 Curarehue, TRQA Torqu Coast, etc.

PLCA Paso Flores, PLCA Paso Flores, LVC Limon Verde, etc.

CPUB Villa Florida, MNMC Minye Minye, CHRN Cochrane, etc.

LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

GO09 Cerro Castillo, GO09 Cerro Castillo, GO09 Cerro Castillo, etc.

GO10 Punta Arenas, GO10 Punta Arenas, GO10 Punta Arenas, etc.

EFI East Falkland, SPB Sao Paulo, NNA Nana, etc.

SAML Samuel, BDFB Palmer Station, BDFB Palmer Station, etc.

PTGA Pitinga, OTAV Otavalo, VNA3 Neumayer Olymp, etc.

VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA4 Sanae, etc.

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SNA4	comp=Z,3.5nm,0.7s,baz=283,slow=12,SNR=2.9	pP	09 30 24.1 +1.1
SNA4	comp=Z,3.6nm,0.6s,baz=276,slow=11,SNR=3.1	sP	09 30 38.5 +0.3
SNA4	comp=Z,8.0nm,1.0s	eP	09 29 51.4 +0.2
SNA4		pP	09 30 24.1 +1.1
SNA4		sP	09 30 38.5 +0.3
CCIG	Comitan	53.52 332 eP	09 30 05.0 +0.8
CCIG		51.84 158 eP	09 30 28.0 -8.2
TEIG	Tepeich	55.76 338 eP	09 30 20.7 +0.6
QSPA	South Pole Qui	57.60 180 eP	09 30 34.2 +1.4
255A	Hazlehurst	65.50 347 P	09 31 26.2 +0.4
351A	Pinckard	65.52 344 P	09 31 25.3 -0.7
352A	Blakely	65.56 345 P	09 31 26.2 -0.1
253A	Americus	65.95 346 P	09 31 27.8 -1.0
VNDA	Vanda	65.96 191 P	09 31 29.6 +1.3
VNDA	comp=Z,1.1nm,0.9s,baz=128,slow=5.3,SNR=7.6	pP	09 32 04.0 +2.5
349A	Repton	65.97 343 P	09 31 28.7 -0.3
252A	Lumpkin	66.02 345 P	09 31 29.4 +0.1
SYO	Syowa Base	66.13 158 eP	09 31 28.5 -1.0
SYO	Syowa Base	66.13 158 eP	09 31 34.2 -8.6
348A	Jackson	66.21 342 P	09 31 30.7 +0.3
251A	Midway	66.26 345 P	09 31 30.4 -0.4
347A	Saraland	66.37 342 P	09 31 32.3 +0.8
249A	Camden	66.55 343 P	09 31 32.7 +0.1
151A	Opelika	66.66 345 P	09 31 33.0 -0.3
152A	Waverly Hall	66.66 345 P	09 31 33.6 +0.3
345A	Thompson Farm	66.69 340 P	09 31 34.1 +0.6
150A	Eclectic	66.89 344 P	09 31 34.1 -0.7
247A	Quitman	67.00 342 P	09 31 35.6 +0.1
Z53A	Monticello	67.02 347 P	09 31 35.4 -0.2
344A	Westbrook Farm	67.03 340 eP	09 31 37.3 +1.6
344A	Westbrook Farm	67.03 340 P	09 31 36.9 +1.3
149A	Jones	67.06 344 P	09 31 35.6 -0.2
Z52A	Williamson	67.10 346 P	09 31 36.2 +0.1
GOGA	Godfrey	67.13 347 P	09 31 36.6 +0.4
343A	Vidalia	67.13 339 P	09 31 37.8 +1.5
833A	Chaparral WMA	67.23 331 eP	09 31 38.1 +1.1
833A	Chaparral WMA	67.23 331 P	09 31 38.0 +1.1
148A	Greensboro	67.30 343 P	09 31 37.6 +0.2
245A	Little AP, Sta	67.33 341 P	09 31 38.4 +0.8
Z50A	Ashland	67.49 345 eP	09 31 37.9 -0.7
Z50A	Ashland	67.49 345 P	09 31 38.4 -0.1
147A	Livingston	67.50 342 P	09 31 38.6 0.0
LRAL	Lakeview Retre	67.53 344 eP	09 31 39.0 +0.2
LRAL	Lakeview Retre	67.53 344 P	09 31 38.2 -0.0
244A	Avery, Jackson	67.57 340 P	09 31 40.0 +1.0
Z49A	Columbiana	67.57 344 P	09 31 39.4 +0.3
Y53A	Monroe	67.58 347 P	09 31 39.2 +0.1
243A	Waterproof	67.65 339 P	09 31 41.2 +1.6
341A	Kurthwood	67.67 338 P	09 31 41.0 +1.3
146A	Union	67.67 342 P	09 31 40.7 +1.0
VBMS	Vicksburg	67.68 340 eP	09 31 40.9 +1.1
VBMS	Vicksburg	67.68 340 P	09 31 40.4 +0.7
Y52A	Liburn	67.69 346 eP	09 31 40.1 +0.3
Y52A	Liburn	67.69 346 P	09 31 39.7 -0.1
145A	Houston Renfro	67.88 341 P	09 31 41.2 +0.3
Y51A	Rockmart	67.92 345 P	09 31 40.8 -0.4
Z47A	Carrollton	67.95 343 P	09 31 40.9 -0.5
Z48A	Northport	67.99 343 P	09 31 41.8 +0.1
242A	Grayson	68.02 339 P	09 31 43.2 +1.3
144A	Alexander Plac	68.04 340 P	09 31 43.0 +1.0
Y50A	Piedmont	68.06 345 P	09 31 41.9 -0.2
X53A	Estanolle	68.16 347 P	09 31 42.9 +0.2
Z46A	Louisville	68.17 342 P	09 31 43.1 +0.3
Y49A	Blount Mountai	68.18 344 P	09 31 43.3 +0.4
X52A	Dahlonega	68.37 347 P	09 31 44.3 +0.3
143A	Socs Landng	68.39 340 eP	09 31 45.2 +1.0
143A	Socs Landng	68.39 340 P	09 31 45.2 +1.0
Y48A	Jasper	68.41 344 P	09 31 44.1 -0.2
X51A	Calhoun	68.53 346 eP	09 31 45.2 +0.3
X51A	Calhoun	68.53 346 P	09 31 45.3 +0.3
BG3	Lake Jocassee	68.56 348 eP	09 31 45.8 +0.6
Y47A	UCPCARC Winnie	68.57 343 P	09 31 45.4 +0.2
X50B	Fort Payne	68.59 345 P	09 31 45.3 -0.1
Z44A	Pea Ridge, Bel	68.65 341 P	09 31 46.7 +0.9
W53A	Cullowhee	68.78 347 P	09 31 46.8 +0.1
X49A	Woodville	68.79 345 P	09 31 47.3 +0.7
Y46A	Houston	68.80 342 P	09 31 46.7 0.0
HPG	comp=Z,6.3nm,0.9s	68.84 325 eP	09 31 48.5 +1.1
W52A	Murphy	68.85 347 eP	09 31 47.1 +0.1
W52A	Murphy	68.85 347 P	09 31 47.2 +0.2
X48A	Hartselle	68.90 344 eP	09 31 47.3 +0.1
X48A	Hartselle	68.90 344 P	09 31 47.5 +0.2
Y45A	Yeager Farm, C	68.97 342 P	09 31 48.6 +0.9
140A	Cam and Jess,	69.00 338 P	09 31 49.1 +1.1
W51A	Cleveland	69.08 346 P	09 31 48.6 +0.2
X47A	Russelville	69.16 343 P	09 31 48.8 -0.1
V53A	Saluda	69.20 348 eP	09 31 49.2 0.0

V53A	Saluda	69.20 348 P	09 31 49.2 0.0
W50A	Signal Mountai	69.23 346 eP	09 31 49.6 +0.2
W50A	Signal Mountai	69.23 346 P	09 31 49.6 +0.2
Y44A	Strider, Charl	69.24 341 P	09 31 49.7 +0.3
JCT	Junction City	69.30 332 eP	09 31 50.4 +0.5
JCT	Junction City	69.30 332 P	09 31 50.4 +0.5
CPCT	Cooper Cave	69.31 346 eP	09 31 49.4 -0.4
Z41A	Richland Creek	69.33 339 P	09 31 51.0 +1.0
W49A	Belvidere	69.36 345 P	09 31 50.3 +0.1
TKL	Tuckaleechee C	69.37 347 eP	09 31 49.3 -0.8
X46A	Booneville	69.37 343 P	09 31 50.1 -0.1
SWET	Sewanee	69.38 345 eP	09 31 50.3 0.0
Y43A	Makayla and Ka	69.39 340 P	09 31 51.2 +0.9
X45A	UM Field Sta	69.45 342 P	09 31 50.7 0.0
V52A	Sevierville	69.51 347 P	09 31 51.0 0.0
W48A	Pulaski	69.53 344 P	09 31 51.4 +0.2
OXF	Oxford	69.54 342 eP	09 31 51.1 -0.1
OXF	Oxford	69.54 342 P	09 31 51.1 -0.1
V51A	Loudon	69.62 347 P	09 31 51.4 -0.3
V50A	Pikeville	69.64 346 P	09 31 51.9 +0.1
PLAL	Pickwick Lake	69.65 343 eP	09 31 51.2 -0.7
X44A	Crenshaw	69.73 341 P	09 31 52.7 +0.3
WHTX	Lake Whitney,	69.74 334 P	09 31 52.9 +0.4
W47A	Westpoint	69.79 344 P	09 31 52.7 -0.1
U53A	Fall Branch	69.84 348 P	09 31 52.9 -0.1
Y41A	Eagleette Beard	69.85 339 P	09 31 53.7 +0.5
V49A	McMinnville	69.90 345 P	09 31 53.2 -0.3
TXAR	Lajitas Array	69.94 328 P	09 32 29.1 +1.6
TXAR	comp=Z,0.4nm,0.6s,baz=158,slow=10,SNR=2.0	sP	09 32 43.6 +1.3
X43A	Marvell	69.94 341 eP	09 31 54.5 +0.8
X43A	Marvell	69.94 341 P	09 31 54.7 +1.0
V48A	Smith Brothers	70.08 344 eP	09 31 54.7 +0.2
V48A	Smith Brothers	70.08 344 P	09 31 54.6 +0.1
W45A	Hickory Valley	70.09 342 P	09 31 54.7 +0.1
U51A	La Follette	70.11 347 P	09 31 54.6 -0.1
Y40A	Okolona	70.18 339 P	09 31 55.3 +0.2
TZTN	Tazewell	70.19 347 P	09 31 55.3 +0.1
U50A	Jamesstown	70.31 346 P	09 31 56.0 +0.1
BLA	Blacksburg	70.33 350 P	09 31 56.4 +0.4
V47A	Nunnely	70.33 344 P	09 31 55.7 -0.3
V46A	Holladay	70.44 343 P	09 31 56.2 -0.5
V45A	Humboldt	70.59 343 P	09 31 57.7 +0.1
U49A	Red Boiling Sp	70.59 346 P	09 31 57.5 -0.1
T51A	Gray	70.67 347 P	09 31 57.7 -0.4
WVT	Waverly	70.69 344 eP	09 31 58.2 0.0
WVT	Waverly	70.69 344 P	09 31 58.4 +0.2
R58B	Mineral	70.74 352 P	09 31 59.6 +1.2
U48A	Cassie Pea, Po	70.76 345 P	09 31 59.1 +0.5
MIAR	Mount Ida	70.76 339 eP	09 31 59.0 +0.3
MIAR	Mount Ida	70.76 339 P	09 31 59.0 +0.3
U47A	Clarksville	70.86 344 P	09 31 59.0 -0.2
T50A	Nancy	70.89 346 P	09 31 59.1 -0.4
X39A	Fountain Ranch	70.90 338 P	09 32 00.3 +0.7
V44A	Blytheville	70.91 342 P	09 32 00.3 +0.7
W41B	Gary Mavity, V	70.95 340 eP	09 32 00.2 +0.4
W41B	Gary Mavity, V	70.95 340 P	09 32 00.3 +0.5
U46A	Springville	70.99 344 P	09 32 00.0 0.0
T49A	Edmonton	71.11 346 eP	09 32 00.4 -0.3
T49A	Edmonton	71.11 346 P	09 32 00.3 -0.5
U45A	Rockin P Farm,	71.12 343 P	09 32 01.0 +0.2
ABTX	Abilene, Hawle	71.13 333 P	09 32 01.7 +0.7
UTMT	University of	71.14 343 eP	09 32 01.0 +0.1
S52A	Salyersville	71.21 348 P	09 32 01.9 +0.6
W40A	Ferguson Farm,	71.21 339 P	09 32 02.4 +1.1
U44B	Burton Farm, H	71.26 343 P	09 32 01.8 +0.2
S51A	Beattyville	71.26 348 P	09 32 01.5 -0.1
V42A	Cord	71.30 341 P	09 32 01.6 -0.3
T48A	Bowling Green	71.30 345 P	09 32 01.7 -0.1
T47A	Sharon Grove	71.34 345 P	09 32 01.8 -0.3
W39A	Magazine	71.43 339 eP	09 32 03.1 +0.4
W39A	Magazine	71.43 339 P	09 32 03.6 +0.9
S50A	Richmond	71.45 347 P	09 32 02.5 -0.3
V41A	Mountainview	71.49 340 P	09 32 03.1 0.0
T46A	Prieto	71.57 344 P	09 32 03.4 -0.1
V40A	Witts Springs	71.70 340 eP	09 32 04.7 +0.4
V40A	Witts Springs	71.70 340 P	09 32 04.4 +0.1
S49A	Springfield	71.72 346 P	09 32 04.5 +0.1
S48A	Wiedeman Farm,	71.76 346 P	09 32 04.6 0.0
LIC	Lamto	71.76 70 ePKIP	09 32 07.4 +2.2
LIC	Lamto	71.76 70 eP	09 32 38.7 -0.2
U42A	Revsenden	71.77 341 P	09 32 04.8 +0.1
R52A	Cattletsburg	71.77 349 P	09 32 04.9 +0.3
S47A	Hartford	71.87 345 P	09 32 04.9 -0.4

R51A	Hillsboro	71.90 348 P	09 32 05.3 -0.1
U41A	Viola	71.95 341 P	09 32 05.9 +0.1
PBMO	Poplar Bluff	71.95 342 eP	09 32 06.0 +0.2
V39A	Pettigrew	71.98 339 P	09 32 06.4 +0.3
R50A	Paris	72.02 347 P	09 32 06.2 +0.1
TIC	Toumudi	72.02 70 ePKIP	09 32 07.3 +0.5
TIC	Toumudi	72.02 70 eP	09 32 40.4 -0.1
T44A	Benton	72.02 343 P	09 32 05.9 -0.3
KIC	Kosan Boka	72.07 70 ePKIP	09 32 07.5 +0.4
KIC	Kosan Boka	72.07 70 eP	09 32 40.8 0.0
S46A	Don Dixon Farm	72.14 344 P	09 32 06.4 -0.5
DBIC	Dimbokro	72.17 70 P	09 32 07.7 +0.1
DBIC	comp=Z,3.8nm,0.7s,baz=72,slow=8.1,SNR=3.0	pP	09 32 41.5 +0.1
R49A	Shelbyville	72.19 347 P	09 32 06.7 -0.5
T43A	Greenville	72.20 342 P	09 32 07.2 -0.1
U40A	Yellville	72.23 340 P	09 32 07.5 +0.1
Q52A	Bidwell	72.32 349 P	09 32 07.5 -0.5
WCI	Wyandotte Cave	72.36 346 P	09 32 07.7 -0.4
T42A	Van Buren	72.36 341 P	09 32 08.0 -0.2
R48A	Northridge Ran	72.43 346 P	09 32 08.5 -0.1
U39A	Green Forest	72.44 339 P	09 32 08.8 +0.1
R47A	Wooly Knot Far	72.47 345 P	09 32 08.0 -0.8
HHAR	Hobbs	72.48 339 eP	09 32 09.0 0.0
Q50A	Georgetown	72.50 348 P	09 32 09.4 +0.4
S44A	Carbondale	72.52 343 P	09 32 09.0 -0.1
SIUC	Southern Illin	72.53 343 eP	09 32 08.6 -0.6
SIUC	Southern Illin	72.56 341 P	09 32 25.5 -0.5
T41A	Mountain View	72.56 341 P	09 32 09.4 0.0
Q51A	Peebles	72.56 348 P	09 32 09.3 0.0
S43A	Full Ridge	72.61 342 P	09 32 09.5 -0.2
WMOK	Wichita Mounta	72.69 334 P	09 32 10.6 +0.3
P53A	Whipple	72.70 350 P	09 32 10.2 +0.1
TUL1	Leonard	72.72 337 P	09 32 10.4 0.0
MNTX	Cornudas Mount	72.72 328 eP	09 32 09.9 -0.6
MNTX	Cornudas Mount	72.72 328 P	09 32 10.2 -0.3
Q49A	Aurora	72.83 347 P	09 32 10.6 -0.3
R45A	Skyilar, Fairfri	72.86 344 P	09 32 10.9 -0.2
T40A	Mansfield	72.87 340 P	09 32 11.6 +0.3
Q48A	North Vernon	72.92 346 P	09 32 11.2 -0.3
P52A	Corning	72.96 349 P	09 32 11.4 -0.2
P51A	Williamsport	72.96 348 P	09 32 11.5 -0.2
S42A	Caledonia	72.98 342 P	09 32 11.5 -0.4
T39A	Cleaver	73.00 340 P	09 32 12.2 +0.2
S41A	Jillico Farms,	73.06 341 P	09 32 12.7 +0.3
FVM	French Village	73.09 342 eP	09 32 13.1 +0.6
O56A	Blue Knob Sta	73.10 352 P	09 32 13.0 +0.5
PPT	Papeete	73.14 260 P	09 32 15.1 +1.7
HSIG	comp=Z,2.2nm,0.8s,baz=135,slow=10.0,SNR=3.5	eP	09 32 14.4 +1.0
P50A	Westpoint	73.21 342 P	09 32 13.1 0.0
R43A	Red Bud	73.24	

P43A	Skaggs, Pawnee	74.43 344	P	P	09 32 20.1 -0.1
M54A	Oil Creek Stat	74.45 352	P	P	09 32 20.4 0.0
Q40A	Laux Farm, Aux	74.47 341	P	P	09 32 20.7 +0.1
121A	Cookes Peak, D	74.52 327	P	P	09 32 22.6 +1.4
N49A	Columbus Grove	74.55 348	P	P	09 32 20.8 -0.2
P42A	Winchester	74.58 343	P	P	09 32 20.8 -0.3
SFIN	Lafayette	74.59 346	P	P	09 32 20.8 -0.4
O45A	Potomac	74.60 345	P	P	09 32 20.7 -0.5
N48A	Decatur	74.64 347	P	P	09 32 21.2 -0.3
Q44A	Mansfield	74.67 344	P	P	09 32 21.0 -0.7
BINY	Binghamton	74.76 354	P	P	09 32 22.1 +0.5
Q39A	Willow Grove F	74.77 341	P	P	09 32 22.2 0.0
N47A	Urbana	74.79 347	P	P	09 32 21.6 -0.7
P41A	Barry, Barry	74.84 342	P	P	09 32 22.4 -0.2
Q38A	Cooks Store, C	74.87 340	P	P	09 32 23.1 +0.3
P40A	Paris	74.97 342	eP	P	09 32 23.2 -0.2
P40A	Paris	74.97 342	P	P	09 32 23.4 +0.1
O43A	Sugar Creek Fa	74.99 344	P	P	09 32 23.3 -0.2
N46A	Monticello	75.01 346	P	P	09 32 23.6 +0.1
M49A	Liberty Center	75.06 348	P	P	09 32 24.0 +0.2
ERPA	Erie	75.09 351	P	P	09 32 24.2 +0.1
P39B	Salisbury	75.12 341	P	P	09 32 24.3 +0.1
N45A	Kentland	75.13 345	P	P	09 32 23.6 -0.6
M48A	Edgerton	75.19 348	P	P	09 32 24.2 -0.4
N44A	Piper City	75.21 345	P	P	09 32 24.6 -0.1
O41A	Passleys Farm,	75.21 343	P	P	09 32 24.5 -0.3
HDIL	Hopedale	75.25 344	eP	P	09 32 25.2 +0.3
HDIL	Hopedale	75.25 344	P	P	09 32 24.7 -0.3
P38A	Dawn	75.46 340	eP	P	09 32 26.0 -0.2
P38A	Dawn	75.46 340	P	P	09 32 26.2 0.0
O40A	La Belle	75.47 342	P	P	09 32 26.1 -0.1
LPM	Los Pinos Moun	75.49 328	eP	P	09 32 28.0 +1.2
N43A	Stutzman Famil	75.58 344	P	P	09 32 26.7 -0.1
L48A	N Adams	75.59 348	P	P	09 32 26.4 -0.5
L49A	Milan	75.64 349	P	P	09 32 27.2 0.0
P37A	Lathrop	75.66 340	P	P	09 32 27.0 -0.3
L47A	Sherwood	75.76 347	P	P	09 32 27.4 -0.5
N41A	Harden Midland	75.77 343	eP	P	09 32 27.5 -0.4
N41A	Harden Midland	75.77 343	P	P	09 32 27.5 -0.4
O39A	Kirkville	75.78 341	P	P	09 32 27.9 -0.1
TUC	Tucson	75.78 324	P	P	09 32 28.9 +0.6
LAZ	Ladron	75.79 328	eP	P	09 32 30.1 +1.6
KSU1	Kansas State U	75.90 338	eP	P	09 32 28.8 +0.1
KSU1	Kansas State U	75.90 338	P	P	09 32 28.9 +0.2
O38A	Galt	75.91 341	P	P	09 32 28.7 0.0
ANMO	Albuquerque	75.95 329	eP	P	09 32 30.3 +0.9
M43A	Waltham Townsh	76.01 345	P	P	09 32 29.3 +0.1
STCO	Saint Catharin	76.07 352	P	P	09 32 29.9 +0.3
N40A	Mertquake, Sal	76.12 342	P	P	09 32 29.7 -0.2
O37A	Wolven Farm, M	76.14 340	P	P	09 32 29.8 -0.2
M41A	Milan	76.32 343	P	P	09 32 30.8 -0.2
N39A	Derby Farms, D	76.35 342	eP	P	09 32 31.2 0.0
N39A	Derby Farms, D	76.35 342	P	P	09 32 31.0 -0.2
214A	Organ Pipe Nat	76.51 323	P	P	09 32 33.7 +1.3
LBNH	Lisbon	76.56 358	P	P	09 32 33.9 +1.6
M40A	Post Highland	76.59 343	P	P	09 32 32.9 +0.3
L43A	Garden Prairie	76.67 345	P	P	09 32 33.0 0.0
L42A	Oliver, Polo	76.71 344	P	P	09 32 33.4 +0.2
PKRO	Pickering	76.80 352	P	P	09 32 34.5 +0.9
M39A	Webster	76.83 342	P	P	09 32 33.7 -0.1
T25A	Trinidad	76.96 331	eP	P	09 32 36.3 +1.3
T25A	Trinidad	76.96 331	P	P	09 32 36.5 +1.5
L41A	Preston	76.97 344	P	P	09 32 34.7 0.0
LONY	Lake Ozonia	77.06 356	P	P	09 32 35.7 +0.6
L40A	Anamosa	77.14 343	eP	P	09 32 35.6 0.0
L40A	Anamosa	77.14 343	P	P	09 32 35.8 +0.2
DELO	Deloro Mine	77.20 354	P	P	09 32 36.5 +0.6
K42A	Prairie Point,	77.38 345	P	P	09 32 37.2 +0.3
L39A	Vinton	77.39 343	P	P	09 32 37.1 +0.1
K41A	Shultsburg	77.43 344	P	P	09 32 37.3 0.0
PLVO	Plevna	77.67 354	P	P	09 32 38.9 +0.4
JFW5	Jewell Farm	77.71 344	P	P	09 32 38.8 0.0
K40A	Colesburg	77.72 343	P	P	09 32 38.6 -0.2
J43A	Natural Harves	77.75 345	P	P	09 32 39.3 +0.3
J42A	Columbus	77.84 345	P	P	09 32 39.5 0.0
K39A	Delwein	77.91 343	P	P	09 32 39.5 -0.4
SDCO	Great Sand Dun	77.93 331	eP	P	09 32 41.7 +1.2
SDCO	Great Sand Dun	77.93 331	P	P	09 32 41.5 +1.0
ORIO	Orleans, Innes	77.95 355	P	P	09 32 40.2 +0.2
L36A	Harm Buss Farm	78.08 341	P	P	09 32 40.8 0.0
J41A	Loganville	78.08 344	P	P	09 32 41.2 +0.4
ALFO	Alfred	78.09 356	P	P	09 32 41.5 +0.7
BOSA	Boshof	78.28 116	eP	P	09 32 42.5 -0.1
BOSA	Boshof	78.28 116	P	P	09 33 17.0 +0.1
J40A	Soldiers Grove	78.28 344	P	P	09 32 41.8 -0.1
BUKO	Buck Lake	78.30 352	P	P	09 32 42.6 +0.6

baz=171	KLBO	Killbuck Provi	78.31 352	P	P	09 32 41.5 -0.4
baz=170	PEMO	Pembroke	78.32 354	P	P	09 32 42.8 +0.7
baz=163	I42A	Draeger Farm,	78.34 345	P	P	09 32 42.2 0.0
baz=163	K37A	Belmond	78.42 342	P	P	09 32 42.8 +0.1
baz=160	J39A	Decorah	78.45 343	P	P	09 32 42.7 -0.1
baz=160	S22A	4UR Ranch, Cre	78.48 330	eP	P	09 32 44.5 +1.0
comp=2.6,0nm,1.1s	S22A	4UR Ranch, Cre	78.48 330	P	P	09 32 44.7 +1.2
baz=148,SNR=7.6	BGNE	Belgrade	78.48 338	P	P	09 32 43.6 +0.5
baz=155	K36A	Gilmore City	78.52 341	P	P	09 32 43.2 0.0
baz=158	J38A	Wedel Dairy, R	78.63 343	P	P	09 32 43.4 -0.4
baz=160	WUAZ	Wupatki	78.67 326	eP	P	09 32 45.5 +1.1
comp=2.6,6nm,0.9s	WUAZ	Wupatki	78.67 326	P	P	09 32 46.0 +1.6
baz=158	I41A	Arkdale	78.71 345	P	P	09 32 44.7 +0.4
baz=161	I40A	Norwalk	78.72 344	P	P	09 32 44.2 -0.1
baz=161	MVCO	Mesa Verde	78.75 329	eP	P	09 32 45.7 +0.8
comp=2.6,8nm,1.0s	MVCO	Mesa Verde	78.75 329	P	P	09 32 46.1 +1.1
baz=147	IKP	In-Ko-Pah, Jac	78.78 321	P	P	09 32 46.6 +1.5
baz=141	Y12C	Blythe	78.81 323	eP	P	09 32 45.0 0.0
comp=2.6,5nm,0.8s	Y12C	Blythe	78.81 323	P	P	09 32 46.5 +1.5
baz=142	Q24A	Divide	78.83 332	eP	P	09 32 46.6 +1.2
comp=2.9,3nm,0.8s	Q24A	Divide	78.83 332	P	P	09 32 46.6 +1.2
baz=149,SNR=6.6	H42A	Shiocton	78.85 346	P	P	09 32 45.1 +0.1
baz=163	I39A	Houston	78.90 343	eP	P	09 32 45.2 -0.1
comp=Z,21nm,0.9s	I39A	Houston	78.90 343	P	P	09 32 45.8 +0.5
baz=161	BAR	Barrett	79.11 320	eP	P	09 32 47.4 +0.7
comp=Z,8.8nm,1.1s	J36A	Seneca 1, Swea	79.13 341	eP	P	09 32 46.9 +0.4
comp=2.15nm,0.8s	J36A	Seneca 1, Swea	79.13 341	P	P	09 32 46.6 0.0
baz=158	MONP2	Monument Peak	79.14 321	P	P	09 32 48.5 +1.4
baz=141	BC3	Big Chuckawall	79.22 322	P	P	09 32 48.6 +1.2
baz=141,SNR=6.6	H40A	Chili	79.26 344	P	P	09 32 47.9 +0.1
baz=162	IRM	Iron Mountain	79.45 322	P	P	09 32 49.8 +1.3
baz=142,SNR=5.0	PV01	Paradox Valley	79.55 329	eP	P	09 32 50.8 +1.5
baz=142	PV13	Paradox Mtn., P	79.68 329	eP	P	09 32 50.9 +1.0
comp=Z,9.2nm,0.9s	PV02	Paradox Valley	79.68 329	eP	P	09 32 49.9 -0.1
comp=Z,10.0nm,1.2s	I36A	Fitzsimmons Fa	79.68 342	P	P	09 32 49.4 -0.1
baz=158	FRD	Ford Ranch, An	79.70 321	P	P	09 32 51.9 +1.8
baz=141,SNR=6.7	XPFO	Pison Flat	79.71 321	eP	P	09 32 51.9 +1.8
comp=Z,9.3nm,1.0s	PFO	Pinyon Flats O	79.71 321	eP	P	09 32 52.0 +1.9
comp=2.10nm,1.1s	PFO	Pinyon Flats O	79.71 321	P	P	09 32 51.6 +1.5
baz=141,SNR=6.5	ISCO	Idaho Springs	79.73 332	eP	P	09 32 51.5 +1.2
comp=Z,19nm,1.6s	ISCO	Idaho Springs	79.73 332	P	P	09 32 51.5 +1.2
comp=Z,14.8nm,0.9s	PV05	Paradox Valley	79.73 329	eP	P	09 32 51.5 +1.2
baz=158	SMCO	Snowmass	79.75 331	eP	P	09 32 51.8 +1.3
comp=Z,9.2nm,0.9s	PV03	Paradox Valley	79.77 329	eP	P	09 32 51.4 +1.0
baz=141	BELC	Belle Mtn. Jos	79.77 322	P	P	09 32 52.2 +1.7
baz=141	PV18	Skein Mesa, Pa	79.79 329	eP	P	09 32 51.2 +0.7
comp=Z,6.8nm,0.9s	PV12	Saucer Basin	79.80 329	eP	P	09 32 52.0 +1.4
comp=Z,4.7nm,0.9s	PV11	David Mesa, Pa	79.81 329	eP	P	09 32 51.5 +0.9
comp=Z,18nm,1.5s	PV16	Nyswonger Mesa	79.84 329	eP	P	09 32 52.0 +1.1
comp=Z,14nm,1.7s	PV14	Lion Creek, Pa	79.94 329	eP	P	09 32 52.0 +1.0
comp=Z,8.0nm,1.0s	PV10	Paradox Valley	79.95 329	eP	P	09 32 52.0 +0.5
baz=140	MURC	Murphy	80.09 321	P	P	09 32 54.1 +2.0
baz=140	ECSD	EROS Data Cent	80.14 340	eP	P	09 32 52.0 0.0
comp=Z,18nm,0.8s	BELQ	Belleterre	80.16 353	P	P	09 32 52.5 +0.5
baz=172	GMRC	Granite Mounta	80.20 322	P	P	09 32 54.2 +1.4
baz=141,SNR=8.5	SC12	San Clemente I	80.36 319	P	P	09 32 55.3 +1.9
baz=169	KNB	Kanab	80.56 326	eP	P	09 32 56.3 +1.6
comp=Z,11nm,0.9s	HEC	Hector,Ludlow	80.59 322	P	P	09 32 56.6 +1.8
baz=141,SNR=7.1	CIS	Catalina Islan	80.60 320	P	P	09 32 56.1 +1.4
baz=139	PKCU	Pink Cliffs	80.67 326	eP	P	09 32 56.0 +0.6
comp=Z,4.4nm,0.7s	F39A	Lone Ridge	80.71 345	P	P	09 32 55.7 +0.7
baz=161	LCMT	Little Creek M	80.76 325	eP	P	09 32 56.7 +1.0
comp=Z,3.8nm,1.1s	N23A	Red Feather La	80.80 332	eP	P	09 32 56.6 +0.6
comp=Z,3.9nm,1.3s	N23A	Red Feather La	80.80 332	P	P	09 32 57.0 +1.0
baz=149,SNR=5.1	E41A	Kenton	80.81 346	P	P	09 32 56.1 +0.6
baz=163	BFSC	Mount Baldy Ra	80.83 321	P	P	09 32 57.3 +1.2
baz=140,SNR=6.7	TUQ	Turquoise Moun	80.85 323	P	P	09 32 57.5 +1.3
comp=Z,11nm,0.9s	F37A	Hinrichs Farm,	80.92 343	P	P	09 32 56.1 -0.1
baz=160	PHWY	Pilot Hill	80.96 333	eP	P	09 32 57.3 +0.5
comp=Z,9.5nm,0.8s	F38A	Piezer, Schro	80.97 344	P	P	09 32 56.7 +0.3
baz=160	E40A	Wakefield	80.98 345	P	P	09 32 57.0 +0.5
baz=162	MWC	Mount Wilson	81.03 321	eP	P	09 32 58.3 +1.0
comp=Z,2.2nm,0.8s	O20A	White River Ci	81.08 330	P	P	09 32 58.7 +1.3
baz=147	SNCC	San Nicolas Is	81.09 319	P	P	09 32 58.8 +1.4
baz=169	TOAO	Torodi Ar. Sit	81.19 68	eP	P	09 32 58.8 +0.5
baz=169	TORD	Torodi Ar. Bea	81.19 68	P	P	09 32 57.3 -1.0
comp=Z,1.0nm,0.7s,baz=270,slow=4.4,SNR=6.5	TORD	Torodi Ar. Bea	81.19 68	P	P	09 33 31.4 -1.3
comp=Z,4.9nm,0.6s,baz=187,slow=6.0,SNR=11.1	GSC	Goldstone, Bar	81.20 322	eP	P	09 32 58.8 +0.9
comp=Z,1.6nm,1.7s	GSC	Goldstone, Bar	81.20 322	P	P	09 32 59.3 +1.4
baz=141,SNR=5.2	SRU	San Rafael Swe	81.21 328	eP	P	09 32 58.6 +0.5
comp=Z,5.2nm,0.7s	CCUT	Cedar City	81.25 326	eP	P	09 32 59.4 +1.1
comp=Z,4.4nm,0.9s	SHPR	Rose Ranch	81.30 324	eP	P	09 32 59.3 +0.8
comp=Z,5.8nm,0.9s	D41A	Chassel	81.30 346	P	P	09 32 58.7 +0.7
baz=163	MSU	Marysville	81.47 327	eP	P	09 33 00.5 +1.0
baz=155	SUSD	Miller	81.48 339	P	P	09 32 59.3 +0.1
baz=155	EDW2	Edwards Air Fo	81.50 321	P	P	0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARCES ARCESS Array B, WRA Warramunga Arr, FITZ Fitzroy Cross, etc.

ISCJB 12 09:29:40.0±2.0, 25°11N±0.1x123°36E±0.05, h23km±11km, mb3.6/2, Error ellipse: s-maj=18.9km s-min=7.8km az=175.1

JMA 12 09:29:40.5±0.2, 25°04N±123°34E, h21km, M2.6 IDC 12 09:29:44.2±6.1, 24°36N±123°06E, h0km, mb3.5/2, mb1 3.7/3, mb1mx3.2/52, mb1mp3.5/3, ML3.1/1, Error ellipse: s-maj=31.3km s-min=40.0km az=95.0

ISC 12 09:29:41.8±1.7, 24.88N±0.09, 123.43E±0.04, h9km±12km, n11, c108/16, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YON Yonaguni-Funau, etc.

NIED 12 09:37:00.25±10N±123°40E, h5km, Mw5.0 Best double couple: Mo3.71000±0.1016 NP1±265.0000°, δ33.00000°, λ-92.00000°. NP2±88.00000°, δ57.00000°, λ-89.00000°.

JMA 12 09:37:26.5±0.3, 25°07N±123°36E, h15km, M5.1 IDC 12 09:37:26.7±0.5, 24°92N±123°11E, h0km, mb4.2/22, mb1 4.3/24, mb1mx4.2/54, mb1mp4.2/24, ML3.5/2, MS4.4/38, Ms1 4.4/38, ms1mx4.3/46, Error ellipse: s-maj=18.4km s-min=11.9km az=72.0

BJJ 12 09:37:28.6±2.4, 95N±123°24E, h20km, mb4.5/55, mb5.1/50, Ms5.1/66, Ms7.5/61

ISCJB 12 09:37:28.2±0.6, 24°97N±0.02, 123°27E±0.02, h20km±4km, mb4.6/77, MS4.5/51, Error ellipse: s-maj=4.1km s-min=3.5km az=161.2

GCMT 12 09:37:29.6±0.2, 25°10N±0.01, 123°22E±0.02, h12km, MW5.0/96, Moment Tensor Solution. s45,c59; s96,c152; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=3.17±0.8; Mo=3.31±0.6; Mxx=0.14±0.8; Mxy=0.85±2.2; Mxz=0.45±0.6; Mzz=1.07±0.3; Best double couple: Mo3.57700x10^16 NP1±278.00000°, δ54.00000°, λ-66.00000°. NP2±66.00000°, δ43.00000°, λ-119.00000°. Principal axes: T 3.4960, Plg6.0000, Azm352.0000; N 0.1550, Plg19.0000; Azm84.0000; P -3.6580, Plg70.0000; Azm245.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 12 09:37:30.6±0.8, 24°95N±123°20E, h24km±6km, mb4.8/27 Error ellipse: s-maj=4.7km s-min=3.4km az=127.0

MOS 12 09:37:30.3±0.9, 24°88N±123°08E, h37km, mb5.0/33, MS4.7/7, Error ellipse: s-maj=9.4km s-min=6.3km az=98.6

ISC 12 09:37:30.9±0.6, 24°88N±0.03, 123°26E±0.03, h27km±4km, n207, c206/209, mb4.8/77, MS4.6/51, 5C-3D, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YON Yonaguni-Funau, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NJ2, GZH, WHN, JNU, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LZH, MDJ, USAOB, USRK, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like BKZ Black Stump Fm, NMGZ Naumai, and many others.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like KUR Kuril'sk, ASAJ Asahikawa, and many others.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like CHTO Chiang Mai, SBA Scott Base, and many others.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LPAZ, BRTR, CLL, KHC, GERES, etc.

PDG 12 11:32:00.8, 0.6, 39.39N, 17.31E, h15km, 1km, ML3.5/13, Error ellipse: s-maj=0.9km s-min=1.6km az=0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LADO, PIPA, TIP, etc.

Main table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CELI, SERS, CAR1, SALB, ORI, PLAC, CRAC, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CUC, JOPP, MASS, SCCTE, MIGL, MTSN, MCEL, NOCI, MGR, FASA, BULG, SLCN, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like SOI Samo, AMUR Altamura, MPAAZ Palizzi, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like DRME Dracevica, Mon, ARSA Arzberg, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like MTBS, IZV Iztvestkovy, AAK Ala-Archa, etc.

12d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Denpasar, Jajag, Banyuwana, Gumukmas, Singaraja, Banyuwana, Pagerwojo, Taliwang, Sumb, Pacitan, Plampang, Wamagama.

NIED 12 13:06:00.42,70N,145.30E,h35km,Mw3.6 Best double couple: M0.28000,1014, NP1.0153,00000, 835,00000, 74,00000. NP2.061,00000, 888,00000, 1,125,00000. MOS 12 13:06:18.7,1.42,53N,145.29E,h40km,mb4.1/5, Error ellipse: s-maj=18.0km s-min=8.7km az=80.7

ISC/JB 12 13:06:19.7,0.8,42.64N,106.145,30E,0.05,h45km,6km, mb3.8/10, Error ellipse: s-maj=10.6km s-min=4.8km az=152.5

JMA 12 13:06:20.0,0.1,42.67N,145.28E,h49km,2km,M3.9 JMA Feil 1/1

SKHL 12 13:06:20.8,0.6,42.65N,145.28E,h37km,2km,mb4.5/6 IDC 12 13:06:22.4,3.2,42.47N,145.23E,h59km,24km,mb3.5/9, Mb1 3.6/11,mb1mx3.4/50,mbtmpp3.7/11,ML3,3/72,MS2.6/1, Ms1 2.6/1,ms1mx2.1/42, Error ellipse: s-maj=25.3km s-min=21.3km az=176.0

ISC 12 13:06:20.9,1.2,42.64N,106.145,31E,0.04,h37km,2km,n37,r13155,mb3.9/10,7C-4D,Hokkaido region

Main table of station data for the 12d 13h period, including station names, coordinates, and seismic activity.

2012 SEP

Table of seismic events for 2012 SEP, listing station codes, station names, and event details.

BUI 12 13:19:09.7,39.15N,74.13E,h7km,ML3.5/4 NNC 12 13:19:12.5,2.3,39.24N,73.94E,h0km,mb4.1,mpv3.8, Error ellipse: s-maj=22.4km s-min=10.9km az=49.0

ISC 12 13:19:16.7,2.4,39.6N,102.7420E,0.05,h10km,n17, r252320,11C-4D,Southern Xinjiang

Table of seismic events for 2012 SEP, continuing from the previous table.

ISC/JB 12 13:36:14.3,1.8,11.12N,103.126,83E,0.04,h9km,1.1km, mb4.2/23, Error ellipse: s-maj=6.4km s-min=4.6km az=34.3

IDC 12 13:36:14.6,0.6,11.08N,126.82E,h0km,mb4.0/18, mb1 4.1/18,mb1mx4.0/45,mbtmpp4.0/18,MS2.8/9, Ms1 2.8/9,ms1mx2.6/58, Error ellipse: s-maj=26.8km s-min=12.4km az=86.0

MAN 12 13:36:17.3,1.1,09N,126.57E,h3km,mb4.9,ML3.8,MS3.9 NEIC 12 13:36:19.6,0.3,11.09N,126.30E,h3km,mb4.7/8, Error ellipse: s-maj=11.5km s-min=5.9km az=82.0

ISC 12 13:36:17.6,3.6,11.12N,104.126,69E,0.08,h18km,18km,n61,r1059/67,mb4.1/23,2C-ID,Philippine Islands region

Table of station data for the 2012 SEP period, including station names and coordinates.

796

Table of station data for the 796 period, including station names and coordinates.

IDC 12 13:46:00.9,0.7,51.13N,178.66E,h0km,mb4.1/22, mb1 4.2/23,mb1mx4.1/57,mbtmpp4.1/23,ML4.3/11,MS3.4/11, Ms1 3.4/11,ms1mx3.0/54, Error ellipse: s-maj=22.1km s-min=12.6km az=162.0

NEIC 12 13:46:02.0,0.2,51.02N,178.62E,h10km,mb4.6/53, ML4.1(AE/C), Error ellipse: s-maj=5.5km s-min=3.2km az=170.0

MOS 12 13:46:04.9,1.2,51.15N,178.69E,h36km,mb4.7/21, Error ellipse: s-maj=10.7km s-min=9.1km az=116.5

ISC/JB 12 13:46:05.2,0.3,51.11N,178.69E,0.03,h40km, mb4.4/76,MS3.6/13, Error ellipse: s-maj=6.7km s-min=2.8km az=174.4

BUI 12 13:46:05.0,51.20N,178.70E,h49km,mb4.6/11,mb4.8/5, Ms4.6/3,Ms7 4.4/1

ISC 12 13:46:07.1,0.5,51.24N,178.72E,0.03,h40km,n168,r1976/170,mb4.5/76,MS3.7/13,10C-ID,Rat Islands

Table of station data for the 796 period, continuing from the previous table.

12d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DENIZLI Tavass, DURSUNBEY, BALCOVA, etc.

IDC 12 15:26:43.6:1.1, 52:01N:169:31W, h0km, mb3.77, m1 3.8/9, mb1mx3.6/48, mbtmp3.7/9, ML3.3/2, Error ellipse: s-maj=33.2km s-min=23.3km az=176.0

ISCJB 12 15:26:46.4:0.8, 51.94N:169:44W, 0.2, h30km, mb3.77, Error ellipse: s-maj=17.4km s-min=6.5km az=40.9

NEIC 12 15:26:47.6:0.0, 51:96N:169:27W, h29km, ML3.2(AEIC), After AEIC.

ISC 12 15:26:48.0:0.9, 52:0N:0:1:169:3W, 0.1, h30km, n18, o#97/21, mb3.77, Fox Islands

Main table for 12d 16h section, listing stations like NIKH, OKSO, OKCE, etc. with their respective coordinates and parameters.

NIED 12 15:38:00.36:20N:141:10E, h23km, Mw4.1 Best double couple: Mo:1.58000x10^15 NP1:3e29.00000, delta29.00000, lambda-63.00000, NP2:3e179.00000, delta5.00000, lambda-104.00000

IDC 12 15:38:13.4:0.5, 36:11N:141:06E, h0km, mb4.0/20, mb1 4.1/26, mb1mx4.1/38, mbtmp3.9/26, ML3.2/6, MS3.1/7, Ms1 3.1/7, ms1mx3.1/29, Error ellipse: s-maj=14.4km s-min=13.1km az=116.0

ISCJB 12 15:38:15.4:0.6, 36:12N:0:03:141:08E, 0.4, h27km, 4km, mb4.2/29, MS3.0/4, Error ellipse: s-maj=5.8km s-min=4.8km az=171.3

NEIC 12 15:38:15.9:2.3, 36:05N:141:02E, h18km, 4km, mb4.7/12, Error ellipse: s-maj=6.2km s-min=4.4km az=74.0

NEIC Recorded [3 JMA] in Ibaraki.

JMA 12 15:38:16.1:0.1, 36:15N:141:00E, h40km, 1km, M4.2 JMA Felt III J1.

ISC 12 15:38:15.3:1.3, 36:16N:0:04:141:15E, 0.05, h16km, 8km, n84, r#166/92, mb4.2/29, MS3.0/4, Near east coast of eastern Honshu

Main table for 12d 16h section, listing stations like JHYU, CHOU, JIHU, etc. with their respective coordinates and parameters.

2012 SEP

Main table for 2012 SEP section, listing stations like MK32, MKAR, MKAR, etc. with their respective coordinates and parameters.

NIED 12 16:28:00.20:70N:121:50E, h50km, Mw4.0 Best double couple: Mo:1.31000x10^15 NP1:3e30.00000, delta75.00000, lambda-14.00000, NP2:3e402.00000, delta77.00000, lambda-165.00000

NEIC 12 16:28:06.5:1.7, 20:23N:121:49E, h24km, 13km, mb4.4/5, Error ellipse: s-maj=6.6km s-min=5.2km az=73.0

ISCJB 12 16:28:07.1:0.2, 20:31N:0:02:121:54E, 0.04, h43km, mb4.1/15, MS3.3/7, Error ellipse: s-maj=5.5km s-min=2.3km az=17.1

IDC 12 16:28:08.5:4.7, 20:30N:121:57E, h39km, 47km, mb3.9/10, mb1 4.0/12, mb1mx3.7/39, mbtmp4.1/12, ML3.9/3, MS3.3/7, Ms1 3.4/7, ms1mx3.0/29, Error ellipse: s-maj=31.0km s-min=13.3km az=65.0

MAN 12 16:28:10.4:20:14N:121:39E, h61km, mb5.0, M4.0, M5.4

ISC 12 16:28:08.0:6.2, 20:32N:0:04:121:44E, 0.07, h43km, n64, r#124/81, mb4.2/15, MS3.3/7, 1C, Philippine Islands region

Main table for 2012 SEP section, listing stations like APY, TWG, CVP, etc. with their respective coordinates and parameters.

800

Table for 800 section, listing stations like CMAR, SIJI, SONA, etc. with their respective coordinates and parameters.

JMA 12 16:32:38.6:0.1, 23:94N:121:86E, h19km, 2km, M2.3

ISCJB 12 16:32:39.0:0.3, 23:94N:0:01:121:90E, 0.01, h22km, 2km, Error ellipse: s-maj=2.6km s-min=1.6km az=44.5

TAP 12 16:32:39.4, 23:96N:121:83E, h26km, ML3.0, C

ISC 12 16:32:39.2:0.9, 23:94N:0:02:121:87E, 0.02, h24km, 7km, n93, o#80/175, 6C-6D, Taiwan

Main table for 800 section, listing stations like HWA, ENLB, ENLB, etc. with their respective coordinates and parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NWLT Wulai, NACOB Ninganchiao, TWD Chiawan, YHNB Yeheng, NSK Sanguang, NNSB Datong, NNS Nan Shan, WHF Hehuan Shan, TWT Tachien, TDCB Tech, LDOB Emei, NSTT Nanjiang, CHGB Renai, SSSL Suanglung, TYC Yuch, YUS Yu-Shan, CHNS Tsauling.

ISC/JB 12 18:43:12.2-1.0, 9.77N:0.04x85.68W:0.04, h8km, 7km, mb4.2/11, MS3.6/13, Error ellipse: s-maj=6.8km s-min=5.7km az=138.2 UCR 12 18:43:13.9-1.2, 9.83N:85.61W, h7km, 7km, MD4.2, mb4.5(N/IC) IDC 12 18:43:15.3-0.6, 10.199N:84.85W, h0km, mb4.1/9, mb1.4/9, mb1mx4.0/33, mbtmp4.1/9, MS3.7/15, Ms1.3/15, ms1mx3.5/35, Error ellipse: s-maj=19.8km s-min=8.0km az=90.0 NEIC 12 18:43:16.7-0.6, 10.92N:85.00W, h10km, mb4.5/1, Error ellipse: s-maj=19.1km s-min=9.3km az=60.0 ISC 12 18:43:13.8-1.7, 9.84N:0.05x85.52W:0.05, h9km, 10km, n54, c0.94/48, mb4.1/11, MS3.6/13, 7C-2D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include VCR Vista de Mar, JTS JuntasAbangare, JTS JuntasAbangare, NY14 Universidad de, NY14 Colonia, CUI Cuiptiapa, LIM1 Limonal, GUAB Guayabo de Bag, GFS2 Hotel Rim'nc, GFS2 Bodega del ICE, AMAS Alto Masis, HORNC Hornillas, GBS3 Finca Las Im'i, MESS Mesas, PTEN Parque Tenorio, CEDE Laguna Cede'o, BUAI Buenos Aires, SRA1 San Ram'n, HDC Heredia, LCR2 La Lucha 2, URSO Uras, VTR0 Volcan Turrial, CVTR Volcan Turrial, MGAN Managua, BOAB BOACO BROADBAND, ESPN Las Esperanzas, MOMM Momotombo, MATN Matagalpa, CRIN San Cristobal, BCIP Isla Barro Col.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SDV Santo Domingo, ATAH Atahualpa, SJG San Juan, NNA Nana, MIAR Mount Ida, TKL Tuckaleechee C, TXAR Lajitas Array, TXAR 3.8nm, 0.8s, baz=140, slow=9.5, SNR=14, PTGA Pitinga, PTGA 1.1nm, 0.3s, baz=306, slow=7.3, SNR=6.8, LPIG La Paz, LPAD La Paz, SAZO Sadowa, SIV San Ignacio, PDAR Pinedale Array, PDAR 0.4nm, 0.6s, baz=151, slow=3.4, SNR=8.2, NVAR Mina Array Bea, NVAR 4.4nm, 0.7s, baz=128, slow=7.4, SNR=6.3, RPV Rapa Nui, CPUP Villa Florida, SCHO Schefferville, RCBR Riachuelo, PLCA Paso Flores, YKA Yellowstone Arr, ILAR Eielson Array, ESDC Sonseca Array, NOA NORSAR Array B, CMAR Chiang Mai Arr.

IDC 12 18:50:02.5-1.9, 10.905S:113.54E, h0km, mb3.5/5, mb1.3/7, mb1mx3.5/41, mbtmp3.6/6, ML4.0/1, MS2.9/2, Ms1.2/9, ms1mx2.6/25, Error ellipse: s-maj=70.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JAGI Jajag, IGBI Denpasar, GMJI Gumukmas, BLJI Banyuglugur, SRBI Singaraja, PWJI Pagwojo, TWSI Taliwang, LEM Lembang, BATI Baumata, FITZ Fitzroy Crossi, FITZ 0.1nm, 0.3s, baz=303, slow=8.4, SNR=7.0, WRA Warramunga Arr, ASAR Alice Springs, TGy Tagaytay City, H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, SONM Songio Array, MKAR Makanchi Arr, ZALV Zalesovo Beam.

IDC 12 18:51:29.2-2.2, 30.97S:179.80W, h394km, 30km, mb3.4/4, mb1.3/7, mb1mx3.2/39, mbtmp4.4/6, Error ellipse: s-maj=38.0km s-min=18.2km az=142.0

ISC/JB 12 18:51:31.0-0.6, 30.88S:0.05x179.9W:0.1, h400km, mb3.7/4, Error ellipse: s-maj=16.6km s-min=6.0km az=13.6 WEL 12 18:51:34.6-0.8, 31.52S:17.9W:1.7, h369km, 14km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include GLKZ Green Lake, RIZ Raoul Island, GRZ Great Barrier, MXZ Matakaoa Point, MXZ Kuz, KUO Kuaotunu, OUZ Ouahtu, WMGZ Waionatini S, WMGZ Puketiiti, HAZ Te Kaha, PKGZ Pakihiroa, PKGZ Puketiti, PUZ Raukumara Rang, RUGZ Shannon Station, TWGZ Tauwharepara, TWGZ OPRZ Ohinepanea, MARZ Manawhai, MWZ Matawai, CNZ2 Chantrel Statio, KWZ Te Karaka, URZ Urewera, URZ 13nm, 0.3s, baz=92, slow=22, SNR=15, URZ Urewera, KMRZ Kaimai, TOZ Tahuroa Road, RAGZ Rawiri, FARZ Farangi Tarawera, RIGZ Rimutaka, MUGZ Murupara, RTZ Ruatahunu, HRRZ Handcock Road, GRGZ Galatros Road, SNGZ Shannon Station, PRGZ Paritu Road, ALRZ Allen Road, TLZ Toloi Road, KNZ Kokehu, RAHZ Arahi, MHGZ Mangataniwha, MUGZ Mahia Peninsula, MRHZ Matea Rd, WHZ Whaihua, NMHZ Naumai, RAHZ Rangitukia, ARHZ Aroaroanui, HIZ Haurangi, BKZ Black Stump Fm, WTVZ West Tongariro, TWVZ Taurewa, WHVZ Whangapehu Hut, AFI Afiamalu, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, FITZ Fitzroy Crossi, FINES FINES Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, IDC 12 18:56:25.7-0.7, 2.08N:128.61E, h0km, mb3.7/11, mb1.3/8, mb1mx3.7/40, mbtmp3.7/12, ML3.6/1, MS3.4/8, Ms1.1/10, ms1mx3.1/38, Error ellipse: s-maj=41.1km s-min=13.8km az=5.0 DJA 12 18:56:28.4-0.9, 2.8N:12.9E, h10km, M4.4/8, mb4.7/7, mb4.9/5, MLV4.5/8, MW(MB)1/5, ISC/JB 12 18:56:29.1-0.5, 2.08N:0.05x128.84E:0.06, h40km, mb3.8/10, MS3.4/6, Error ellipse: s-maj=8.9km s-min=6.9km az=140.0 ISC 12 18:56:31.3-0.7, 2.07N:0.08x128.8E:0.1, h40km, n25, c0.85/21, mb3.8/10, MS3.3/6, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TTSI Tana Toraja, BNSI Bone, BATI Baumata, FITZ Fitzroy Crossi, PMG Port Moresby, WRA Warramunga Arr, JOW Kunigami, ASAR Alice Springs, KSRS Korea Arr, KSRS Korea Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, STKA Stephens Creek, SONM Songio Array, MKAR Makanchi Arr, KURBS Kurchatov Arr, BVAR Borovoye Array, ILAR Eielson Array, FINES FINES Array B.

IGQ 12 19:03:32.4-1.5, 3.5S:11.80W, h46km, 5km, MLV4.0/6, Error ellipse: s-maj=2.6km s-min=2.1km az=33.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MILO Milagro-Astudi, COHC Cochancay, AMIL Milagro (Trans), AMIL Milagro, RIOE Riobamba, RQUE Quevedo, ARRY Array, BIL2 Estacion Bilba, RETU Refugio, JETU Juive, POND Ponda, RUNS Runtun, PISA PISA, BNAS Cotopaxi Volca, BTAM Cotopaxi Volca, BV2 Cotopaxi Volca, VC1 Cotopaxi 1, PITA Cotopaxi Volc, JUA2 San Juan 2, PAC1 Pacto, Para's.

ISC/JB 12 19:29:53.0-2.0, 36.68N:0.01x71.42E:0.02, h179km, 2km, mb5.1/23, Error ellipse: s-maj=2.6km s-min=2.1km az=33.3

BUI 12 19:29:54.1, 36.84N:71.38E, h182km, mb4.9/58, mb4.9/39 MOS 12 19:29:54.1-0.9, 36.69N:71.47E, h189km, mb5.3/60, Error ellipse: s-maj=5.2km s-min=3.6km az=112.7

NEIC 12 19:29:56.0-2.1, 36.70N:71.44E, mb5.1/99, Error ellipse: s-maj=3.8km s-min=3.0km az=184.0 NEIC Fellt at Kabul. Also fellt at Dir, Pakistan and at Dushanbe, Tajikistan.

IDC 12 19:29:56.1-0.6, 36.64N:71.50E, h197km, 5km, mb4.6/30, mb1.4/7.36, mb1mx4.6/41, mbtmp5.1/36, MS3.6/1, Ms1.3/7, ms1mx2.8/36, Error ellipse: s-maj=9.3km s-min=7.1km az=9.0

GCMT 12 19:29:57.2-0.2, 36.76N:0.02x71.36E:0.02, h198km, 2km, MW5.0/93, Moment Tensor Solution, s29.c36, s93.c135, Duration: 0 Moment tensor Scale 1016Nm; Ms3.00z:11; Mw:4.12; Mw:2.6z:13; Mw:0.7z:10; Mw:1.2z:23; Mw:2.0z:10; Best double couple: Ms3.80800z:1016 NP1:0z:0.0000z:862.0000z:1.68.0000z: NP2:0z:223.0000z:835.0000z:1.125.0000z: Principal axes: T 4.0120, Plg66.0000z, Azm233.0000z, N -0.4120, Plg19.0000z, Azm13.0000z, P -3.6050, Plg14.0000z, Azm18.0000z; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NNC 12 19:29:57.2-0.2, 37.04N:71.17E, h187km, 36km, mb4.6, mpv5.0, Error ellipse: s-maj=29.4km s-min=15.1km az=164.0

ISC 12 19:29:55.2-0.3, 36.69N:0.03x71.39E:0.03, h187km, 3km, h187km, pP-P, n805, c173/897, mb5.1/246, 123C-45D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KBL Kabul, KBL Kabul, CEP Cherat, CEP Cherat, CHL Chirah Chowk, NHC Nilore, SFP Suk-Kurgan, SFK Suk-Kurgan, SFK Tasikent, THW Thame Wali, KSH Kashi, KSH Kashi, SARP Sargodha, TAS Tasikent, TAS Tasikent, ANL Amalaysah, MNAS Manas, MNAS Manas, NRN Naryn, NRN Naryn, DHRM DHARAMSHALA, DHRM DHRM, UCH Uch, KZA Kyzart, ERKIN-Say Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KK31, KK31, KK31, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SHME, AKTO, AKTO, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GTA, GTA, GTA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR comp=Z,0.9nm,0.9s, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SRAK Srakaw, ZIMR Karpathos, KARP Karpathos, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TTTG Podgorica, TTTG Podgorica, Ostrava-Krasne, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TTTG Podgorica, TTTG Podgorica, Ostrava-Krasne, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like NORSAR Array S, WJUNJ Array Si, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like Djebel Teoual, TYV Tjymovskoe, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like EVO Evora, RSA Sarar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTS, COLC, LIM1, CUI, LAPC, GSP3, GSP2, GUAB, GBS3, GBS1, GBS1, HORNC, BUEV, ACAL, MESS, MESS, AMAS, GB1A, SRA1, SRA1, HDC, HDC, LCR2, URASCA, CVTR, CVTR, TRT1, COPN, BOAB, BOAB.

MOS 12.21:52:15.7,0.8,23.91S:82.97E,h10km,mb5.6/58, MS4.4/20, Error ellipse: s-maj=10.0km s-min=5.4km az=105.9

BUI 12.21:52:15.4,23.90S:83.00E,h10km,mb5.3/68,mb5.1/47, MS4.8/46, Ms7.4/54/5

IDC 12.21:52:15.2,0.4,24.00S:82.92E,h0km,mb5.1/34, mb1.5/134, mb1mx5.0/43, mbtp5.1/34, MS4.0/28, Ms1.4/0/28, ms1mx3.9/39, Error ellipse: s-maj=12.2km s-min=10.8km az=27.0

ISCJB 12.21:52:15.0,0.2,23.96S:0.03:82.96E:0.03,h11km, mb5.3/160, MS4.3/72, Error ellipse: s-maj=4.9km s-min=1.5km az=9.4

NEIC 12.21:52:16.9,0.1,24.00S:82.93E,h10km,mb5.4/75, MS4.5/31, Error ellipse: s-maj=5.6km s-min=4.1km az=20.0

GCMT 12.21:52:19.9,0.2,23.81S:0.02:83.04E:0.02,h18km, MW5.0/85, Moment Tensor Solution. s45,c55; s85,c135; Duration: 0 Moment tensor: Scale 10^16Nm; Mr3.6±.17; Mw=2.2±.11; Mw=1.4±.12; Mw0.72±.25; Mw0.24±.08; Mw=0.25±.29; Best double couple: M4.09200x10^16 NPT3±.01:00000; 0.49:00000; 1.06:00000; NPT2: 0.12:00000; 0.43:00000; 1.73:00000; Principal axes: T 3.8180, Plg78.0000; Az37.0000; N 0.5390, Plg12.0000; Azm231.0000; P -4.3670, Plg3.0000; Az140.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 12.21:52:17.2,0.6,23.99S:0.05:82.91E:0.05,h11km,3km, n917, s1912/948, mb5.4/169, MS4.4/74, 65C-18D, South Indian Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S2, H08S1, H08S3, DGAR, DGAR, H08N1, H08N3, H08N2, PDSI, LEM, PSI, PALK, PALK, PALK, NWA0, NWA0, M5EY, M5EY, TRV, MND, ABPO, OPO, OPO, MBWA, MBWA, TRTT, PBA, MDRS, MDRS, PHET, FITZ, FITZ, FITZ, FITZ, FITZ, FITZ, FITZ, FITZ, VIS.

Table with columns: VIS, Iamb, Iamb, 22 00 14.5, 22 00 08.6 +0.7, 22 00 15.1 +5.2, 22 00 19.0 +2.4, 22 00 16.3 -2.0, 22 00 20.4, 22 00 33.0 +0.4, 22 00 34.0 +1.2, 22 00 34.2 +1.4, 22 00 34.2 +1.4, 22 00 33.9 +1.0, 22 02 12.7 -1.3, 22 17 11.4, 22 00 32.3 -0.7, 22 00 35.8, 22 00 36.4 +0.9, 22 02 14.4 -0.6, 22 00 36.7 +1.2, 22 00 36.7 +1.2, 22 00 36.4 +0.9, 22 00 35.1 0.0, 22 15 35.1, 22 00 35.3 +0.2, 22 00 35.3 +0.2, 22 00 50.0 +1.2, 22 00 44.0 -0.4, 22 02 18.1 -1.1, 22 17 52.1, 22 00 44.2 -0.2, 22 00 43.9 -0.8, 22 00 47.5 -0.3, 22 00 49.8 -0.1, 22 00 49.8 -0.7, 22 00 53.1 0.0, 22 00 54.8, 22 00 53.5 -0.5, 22 02 22.3 -1.2, 22 00 53.9 -0.1, 22 01 00.6 -1.1, 22 01 10.5 +0.7, 22 02 31.9 +0.8, 22 18 40.3, 22 01 10.8 +1.0, 22 02 31.8 +0.7, 22 02 31.9 +0.8, 22 01 11.6 +1.8, 22 01 11.6 +1.8, 22 01 10.9 +1.1, 22 01 11.1 +1.3, 22 01 12.7 +0.6, 22 01 12.5 +0.4, 22 01 12.7 +0.6, 22 01 13.2 +0.1, 22 08 28.7 +3.5, 22 01 12.7 -0.5, 22 01 18.2 +0.7, 22 01 18.8 +1.1, 22 02 20.0 +1.0, 22 01 22.5 +0.4, 22 01 23.6 +0.6, 22 01 23.5 +0.6, 22 01 22.7 -0.3, 22 19 12.8, 22 01 22.8 -0.3, 22 01 22.8 -0.3, 22 01 22.8 -0.3, 22 01 23.8 +0.4, 22 01 25.3 +0.6, 22 01 25.8 +0.5, 22 01 24.6 -0.9, 22 01 28.9 +0.1, 22 01 31.8 +1.5, 22 01 26.1 -0.1, 22 21 42.9, 22 01 25.9 -0.2, 22 01 27.3 +0.2, 22 01 27.9 +0.8, 22 01 27.7 +0.7, 22 01 27.8 +0.5, 22 01 28.2 +0.1, 22 01 31.8 +1.3, 22 01 37.0 +1.7, 22 03 17.7 +2.1, 22 08 58.6 +1.6

Table with columns: KMI, KMI, KMI, 22 00 14.5, 22 00 08.6 +0.7, 22 00 15.1 +5.2, 22 00 19.0 +2.4, 22 00 16.3 -2.0, 22 00 20.4, 22 00 33.0 +0.4, 22 00 34.0 +1.2, 22 00 34.2 +1.4, 22 00 34.2 +1.4, 22 00 33.9 +1.0, 22 02 12.7 -1.3, 22 17 11.4, 22 00 32.3 -0.7, 22 00 35.8, 22 00 36.4 +0.9, 22 02 14.4 -0.6, 22 00 36.7 +1.2, 22 00 36.7 +1.2, 22 00 36.4 +0.9, 22 00 35.1 0.0, 22 15 35.1, 22 00 35.3 +0.2, 22 00 35.3 +0.2, 22 00 50.0 +1.2, 22 00 44.0 -0.4, 22 02 18.1 -1.1, 22 17 52.1, 22 00 44.2 -0.2, 22 00 43.9 -0.8, 22 00 47.5 -0.3, 22 00 49.8 -0.1, 22 00 49.8 -0.7, 22 00 53.1 0.0, 22 00 54.8, 22 00 53.5 -0.5, 22 02 22.3 -1.2, 22 00 53.9 -0.1, 22 01 00.6 -1.1, 22 01 10.5 +0.7, 22 02 31.9 +0.8, 22 18 40.3, 22 01 10.8 +1.0, 22 02 31.8 +0.7, 22 02 31.9 +0.8, 22 01 11.6 +1.8, 22 01 11.6 +1.8, 22 01 10.9 +1.1, 22 01 11.1 +1.3, 22 01 12.7 +0.6, 22 01 12.5 +0.4, 22 01 12.7 +0.6, 22 01 13.2 +0.1, 22 08 28.7 +3.5, 22 01 12.7 -0.5, 22 01 18.2 +0.7, 22 01 18.8 +1.1, 22 02 20.0 +1.0, 22 01 22.5 +0.4, 22 01 23.6 +0.6, 22 01 23.5 +0.6, 22 01 22.7 -0.3, 22 19 12.8, 22 01 22.8 -0.3, 22 01 22.8 -0.3, 22 01 22.8 -0.3, 22 01 23.8 +0.4, 22 01 25.3 +0.6, 22 01 25.8 +0.5, 22 01 24.6 -0.9, 22 01 28.9 +0.1, 22 01 31.8 +1.5, 22 01 26.1 -0.1, 22 21 42.9, 22 01 25.9 -0.2, 22 01 27.3 +0.2, 22 01 27.9 +0.8, 22 01 27.7 +0.7, 22 01 27.8 +0.5, 22 01 28.2 +0.1, 22 01 31.8 +1.3, 22 01 37.0 +1.7, 22 03 17.7 +2.1, 22 08 58.6 +1.6

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like NVR, SZH, SRS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like LIC, DBIC, KWP, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like FFC, F04D, E04E, etc.

NVAR	comp=Z,7.3nm,0.9s,baz=274.2,slow=4.1,SNR=15	PKPab	PKPab	22 12 43.4 +0.2
E38A	The Farm, Brul	157.00 350 P	PKPab	22 12 41.5 -1.4
ERPA	Erie	157.00 326 P	PKPab	22 12 42.3 -0.8
COWI	Conover	157.02 346 ePKPab	PKPab	22 12 41.5 -1.5
E39A	Mellen	157.05 348 P	PKPab	22 12 41.8 -1.3
F42A	Maple Grove Fa	157.10 344 P	PKPab	22 12 42.5 -0.9
M54A	Oil Creek Stat	157.27 324 P	PKPab	22 12 43.8 -0.6
F40A	Three Lakes	157.36 345 P	PKPab	22 12 43.4 -1.1
F41A	Park Falls	157.41 347 P	PKPab	22 12 43.8 -1.0
G43A	Wallace	157.45 342 P	PKPab	22 12 44.1 -0.8
PKM	Mcpherson Peak	157.48 56 P	PKPab	22 12 44.7 -1.1
O56A	Blue Knob Stat	157.50 321 P	PKPab	22 12 44.8 -0.7
F39A	Loretta	157.56 349 P	PKPab	22 12 44.5 -0.9
VES	Vestal, Richgr	157.63 53 P	PKPab	22 12 45.1 -1.1
G42A	Mountain	157.66 344 P	PKPab	22 12 44.9 -0.9
F38A	Pierce - Schro	157.68 350 P	PKPab	22 12 45.1 -0.8
N54A	Moaine State	157.83 324 P	PKPab	22 12 46.2 -0.6
F37A	Hinrichs Farm,	158.02 352 P	PKPab	22 12 46.4 -0.9
G40A	Rib Lake	158.04 347 P	PKPab	22 12 46.4 -1.1
CWC	Cottonwood Cre	158.08 51 P	PKPab	22 12 47.0 -1.3
H39A	Windswept, Lux	158.19 342 P	PKPab	22 12 47.3 -0.9
G43A	Holcombe	158.22 349 P	PKPab	22 12 47.2 -1.0
H42A	Shiocton	158.37 343 P	PKPab	22 12 48.0 -0.9
G38A	Ridgeland	158.45 350 P	PKPab	22 12 47.8 -1.4
R58B	Mineral	158.49 315 P	PKPab	22 12 49.5 -0.2
SPMM	Marine on St.	158.53 352 P	PKPab	22 12 48.1 -1.4
H41A	Junction City	158.55 345 P	PKPab	22 12 48.6 -1.0
BW06	Boulder Array	158.62 26 P	PKPab	22 12 49.1 -1.3
PDAR	Pinedale Array	158.62 26 PKP	PKPdf	22 12 13.4 -1.9
PDAR	comp=Z,1.4nm,1.0s,baz=147,slow=2.2,SNR=4.8	PKPab	PKPab	22 12 48.8 -1.6
MCWV	Mont Chateau	158.64 321 P	PKPab	22 12 50.0 -0.3
MPMC	Manual Prospec	158.69 51 P	PKPab	22 12 50.2 -0.7
M51A	Clyria	158.69 328 P	PKPab	22 12 50.0 -0.4
H40A	Chili	158.70 347 P	PKPab	22 12 49.5 -0.8
R11A	Troy Canyon, C	158.72 43 P	PKPab	22 12 50.6 -0.4
LRMC	Laurel Mtn Rad	158.82 53 P	PKPab	22 12 50.8 -0.6
H39A	Augusta	158.82 348 P	PKPab	22 12 50.2 -0.6
I43A	Langenfeld Bro	158.84 342 P	PKPab	22 12 50.2 -0.8
EDW2	Edwards Air Fo	158.85 54 P	PKPab	22 12 51.0 -0.5
FURC	Furnace Creek,	158.92 49 P	PKPab	22 12 51.0 -0.7
H38A	Maiden Rock	159.00 350 P	PKPab	22 12 50.6 -1.0
I42A	Dragger Farm,	159.04 343 P	PKPab	22 12 50.9 -0.9
TPNV	Topopang Spring	159.09 47 P	PKPab	22 12 51.9 -0.7
C15	Catalina Islan	159.11 59 P	PKPab	22 12 51.9 -0.7
DUG	Dugway, Tooele	159.12 36 P	PKPab	22 12 52.0 -0.5
I41A	Arkade	159.12 345 P	PKPab	22 12 51.3 -0.8
RSSD	Black Hills	159.13 14 P	PKPab	22 12 51.9 -0.6
L48A	N Adams	159.22 333 P	PKPab	22 12 51.7 -1.0
J34A	Natural Harves	159.38 342 P	PKPab	22 12 52.3 -1.1
M49A	Liberty Center	159.41 331 P	PKPab	22 12 52.6 -0.9
O52A	Adamsville	159.42 325 P	PKPab	22 12 53.1 -0.5
I40A	Norwalk	159.45 347 P	PKPab	22 12 52.8 -0.8
L47A	Sherwood	159.51 334 P	PKPab	22 12 52.9 -1.1
GSC	Goldstone, Bar	159.53 52 P	PKPab	22 12 54.1 -0.4
SUSD	Miller	159.54 4 P	PKPab	22 12 53.0 -1.0
N50A	Nevada	159.58 328 P	PKPab	22 12 53.6 -0.8
SHOC	Shoshone, Teco	159.62 50 P	PKPab	22 12 53.7 -1.0
P53A	Whipple	159.63 323 P	PKPab	22 12 54.8 +0.2
J42A	Columbus	159.63 343 P	PKPab	22 12 53.2 -1.2
I39A	Houston	159.66 348 P	PKPab	22 12 53.2 -1.3
O51A	Pataskala	159.79 326 P	PKPab	22 12 54.9 -0.4
J41A	Loganville	159.81 345 P	PKPab	22 12 54.1 -1.1
K22A	Casper	159.82 21 P	PKPab	22 12 54.1 -1.4
ACSO	Alum Creek Sta	159.92 327 P	PKPab	22 12 55.2 -0.6
P52A	Corning	159.92 324 P	PKPab	22 12 55.4 -0.5
N49A	Columbus Grove	159.95 330 P	PKPab	22 12 55.0 -0.9
J40A	Soldiers Grove	159.95 346 P	PKPab	22 12 54.5 -1.3
K43A	Burlington	159.97 341 P	PKPab	22 12 54.9 -1.0
HEC	Hector,Ludlow	160.09 53 P	PKPab	22 12 56.3 -0.6
TUQ	Turquoise Moun	160.10 51 P	PKPab	22 12 56.3 -0.7
K42A	Prairie Point,	160.19 343 P	PKPab	22 12 55.6 -1.3
J39A	Decorah	160.20 348 P	PKPab	22 12 55.5 -1.4
M47A	Cromwell	160.20 334 P	PKPab	22 12 55.9 -1.1
JFWS	Jewell Farm	160.29 345 P	PKPab	22 12 56.0 -1.4
O50A	Cable	160.29 328 P	PKPab	22 12 56.8 -0.7
ECSD	EROS Data Cent	160.30 359 ePKPdf	PKPdf	22 12 55.4 -1.4
ECSD	EROS Data Cent	160.30 359 ePKPdf	PKPdf	22 12 55.9 -1.5
ECSD	EROS Data Cent	160.30 359 P	PKPab	22 12 56.2 -1.1
J38A	Wedel Dairy, R	160.35 350 P	PKPab	22 12 56.2 -1.3
N48A	Decatur	160.37 332 P	PKPab	22 12 56.5 -1.2
MR6	Old House Fiel	160.45 335 P	PKPab	22 12 57.2 -0.8
F4D	Ford Ranch, An	160.48 57 P	PKPab	22 12 57.4 -1.2
Q52A	Bidwell	160.48 323 P	PKPab	22 12 58.1 -0.2
PFO	Pinyon Flats O	160.54 56 P	PKPab	22 12 58.0 -1.0
BLA	Blacksburg	160.56 317 P	PKPab	22 12 57.2 -1.6
L43A	Garden Prairie	160.57 341 P	PKPab	22 12 57.7 -0.8

J36A	Seneca 1, Swea	160.58 354 P	PKPab	22 12 57.8 -0.7
K41A	Shullsburg	160.60 345 P	PKPab	22 12 57.4 -1.2
O49A	Covington	160.60 329 P	PKPab	22 12 57.8 -1.0
GMRC	Granite Mounta	160.60 52 P	PKPab	22 12 58.7 -0.5
N47A	Urbana	160.63 333 P	PKPab	22 12 57.4 -1.5
K40A	Colesburg	160.70 347 P	PKPab	22 12 57.6 -1.4
BELC	Bell Mtn. Jos	160.72 55 P	PKPab	22 12 58.4 -1.4
P50A	Jamestown	160.80 327 P	PKPab	22 12 58.5 -1.1
M45A	Boilermakers S	160.80 337 P	PKPab	22 12 58.7 -0.8
K39A	Oelwein	160.84 348 P	PKPab	22 12 57.9 -1.8
MONP2	Monument Peak	160.85 58 P	PKPab	22 12 59.1 -1.3
O48A	Farmland	160.92 331 P	PKPab	22 12 58.9 -1.3
L42A	Oliver, Polo	161.00 343 P	PKPab	22 12 59.3 -1.1
Q51A	Peebles	161.01 325 P	PKPab	22 13 00.2 -0.4
N46A	Monticello	161.04 335 P	PKPab	22 12 59.5 -1.1
K37A	Belmond	161.06 352 P	PKPab	22 12 59.3 -1.4
M44A	Midewin, Midew	161.07 339 P	PKPab	22 12 59.7 -1.0
R52A	Cattlettsburg	161.13 323 P	PKPab	22 13 01.1 -0.1
L41A	Preston	161.15 345 P	PKPab	22 12 59.5 -1.6
K36A	Gilmore City	161.27 354 P	PKPab	22 13 00.7 -0.9
BC3	Big Chukcawall	161.28 55 P	PKPab	22 13 01.6 -0.6
IRM	Iron Mountain	161.28 53 P	PKPab	22 13 01.3 -0.7
P49A	Miami Univ. Ec	161.30 329 P	PKPab	22 13 00.6 -1.2
SWSC	Sam W. Stewart	161.31 57 P	PKPab	22 13 00.9 -1.3
M43A	Centland Townsh	161.32 341 P	PKPab	22 13 00.7 -1.1
L40A	Anamosa	161.33 346 P	PKPab	22 13 00.5 -1.3
N45A	Kenland	161.37 337 P	PKPab	22 13 01.0 -1.0
O47A	Sheridan	161.37 333 P	PKPab	22 13 00.5 -1.6
L39A	Vinton	161.43 348 P	PKPab	22 13 00.5 -1.7
Q50A	Georgetown	161.47 326 P	PKPab	22 13 01.8 -0.8
N23A	Red Feather La	161.58 22 P	PKPab	22 13 02.9 -0.5
SFIN	Lafayette	161.62 335 P	PKPab	22 13 02.1 -1.1
N44A	Piper City	161.63 338 P	PKPab	22 13 02.3 -0.9
R51A	Hillboro	161.67 324 P	PKPab	22 13 03.0 -0.5
P48A	Milroy	161.69 330 P	PKPab	22 13 02.2 -1.4
M41A	Milvan	161.82 344 P	PKPab	22 13 02.6 -1.4
L36A	Harm Buss Farm	161.83 354 P	PKPab	22 13 02.7 -1.3
Y12C	Blythe	161.92 54 P	PKPab	22 13 03.8 -1.0
GLA	Glamis	162.01 56 P	PKPab	22 13 05.0 -0.3
M40A	Post Highland	162.02 346 P	PKPab	22 13 03.4 -1.5
P47A	Martinsville	162.04 332 P	PKPab	22 13 03.8 -1.3
R50A	Paris	162.07 326 P	PKPab	22 13 04.6 -0.7
M39A	Webster	162.08 348 P	PKPab	22 13 03.8 -1.3
S51A	Beattyville	162.15 323 P	PKPab	22 13 05.5 -0.1
T52A	Hallsville	162.18 320 P	PKPab	22 13 06.1 +0.3
N42A	Yates City	162.20 342 P	PKPab	22 13 04.4 -1.3
HDL	Hopedale	162.23 340 P	PKPab	22 13 04.9 -1.1
Q48A	North Vernon	162.25 330 P	PKPab	22 13 04.0 -1.1
P46A	Rosedale	162.32 334 P	PKPab	22 13 05.1 -1.1
O44A	Mansfield	162.32 338 P	PKPab	22 13 05.5 -0.7
KMSC	Kings Mountain	162.38 313 P	PKPab	22 13 06.8 0.0
U53A	Fall Branch	162.43 318 P	PKPab	22 13 06.9 -0.1
R49A	Shelbyville	162.49 327 P	PKPab	22 13 06.3 -0.8
N41A	Harden Midland	162.53 344 P	PKPab	22 13 05.7 -1.4
N40A	Mertquake, Sal	162.53 346 P	PKPab	22 13 05.8 -1.3
S50A	Richmond	162.56 324 P	PKPab	22 13 07.0 -0.4
Q77A	Bedord North L	162.56 331 P	PKPab	22 13 06.4 -1.0
OGNE	Ogallala	162.59 13 P	PKPab	22 13 06.6 -0.9
NHSC	New Hope	162.60 305 P	PKPab	22 13 06.6 -1.3
P45A	Graceland, Par	162.61 335 P	PKPab	22 13 06.7 -0.8
BGNE	Belgrade	162.61 3 P	PKPab	22 13 06.5 -1.0
ISCO	Idaho Springs	162.67 23 P	PKPab	22 13 07.2 -1.0
N39A	Derby Farms, D	162.73 348 P	PKPab	22 13 07.0 -1.0
R48A	Northridge Ran	162.75 329 P	PKPab	22 13 07.3 -0.9
T51A	Gray	162.83 322 P	PKPab	22 13 07.7 -1.0
Q46A	CEJHS Indians,	162.89 333 P	PKPab	22 13 07.7 -1.0
U52A	Thorn Hill	162.89 319 P	PKPab	22 13 08.0 -1.0
TZTN	Tazewell	162.89 320 P	PKPab	22 13 08.4 -0.5
S49A	Springfield	162.94 326 P	PKPab	22 13 08.0 -1.1
P44A	Sand Creek, Wi	162.99 337 P	PKPab	22 13 08.2 -1.0
V53A	Saluda	163.02 317 P	PKPab	22 13 08.7 -0.9
WCI	Wyandotte Cave	163.08 330 P	PKPab	22 13 08.7 -1.0
O41A	Passleys Farm,	163.09 343 P	PKPab	22 13 08.1 -1.5
R47A	Woody Knot Far	163.13 330 P	PKPab	22 13 08.8 -1.1
P43A	Skaggs, Pawnee	163.13 339 P	PKPab	22 13 08.9 -0.9
U51A	La Follette	163.28 321 P	PKPab	22 13 11.1 +0.4
T50A	Nancy	163.28 324 P	PKPab	22 13 09.5 -1.1
Q45A	Warren Harvey,	163.31 335 P	PKPab	22 13 09.7 -0.9
O39A	Kirksville	163.34 348 P	PKPab	22 13 09.5 -1.1
V52A	Sevierville	163.40 318 P	PKPab	22 13 11.2 0.0
S48A	Wieman Farm,	163.42 328 P	PKPab	22 13 10.1 -1.1
P42A	Winchester	163.44 341 P	PKPab	22 13 10.0 -1.1
P41A	Barry, Barry	163.55 343 P	PKPab	22 13 10.6 -1.0
W53A	Cullowhee	163.56 316 P	PKPab	22 13 12.4 +0.3

T49A	Edmonton	163.59 325 P	PKPab	22 13 11.0 -0.9
Q44A	Meyer Farm, Va	163.63 337 P	PKPab	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like 249A Columbiana, 150A Eclectic, 40A Yellville, etc.

ISC 12 21:52:41.8, 0.2, 22.98S, 179.65E, h649km, 113km, mb3.4/7, mb1 3.5/8, mb1mx3.1/37, mbtmp4.5/8, Error ellipse: s-maj=66.1km s-min=30.2km az=17.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like URZ Urewera, URZ 1.1nm, 0.3s, baz=69, slow=19, SNR=7.0, etc.

ISC/CB 12 22:06:18.4, 0.1, 61.64N, 0.06:42:97E, 0.06, h11km, 6km, Error ellipse: s-maj=12.8km s-min=6.9km az=140.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ATD Arta Tunnel, ATD 0.16 225 eP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like UDYU, DHBH, IS/CB, NEIC, IDC, ISC, etc.

DDA 12 22:35:27.4, 3.8, 72N, 42:45E, h7km, M1.5, ISK 12 22:35:28.0, 7.7, 72N, 42:44E, h8km, M1.5, 9/4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like GURO, GEVA, TUTA, VAN, etc.

SOME 12 22:52:11.9, 41:50N, 71:25E, h5km, KRNET 12 22:52:12.5, 0.1, 41:49N, 71:27E, h17km, mb2.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ARK, IUG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like IUG, ARSB, MNAS, BTK, etc.

MOS 12 23:24:01.3, 0.9, 52:58N, 106:47E, h10km, mb4.1/2, Error ellipse: s-maj=20.4km s-min=11.0km az=73.9

BYKL 12 23:24:01.7, 0.2, 52:57N, 106:46E, h21km, 3km, FELT I=II=III MSK at Tyrgan, Yelantsy

ISC 12 23:24:02.7, 1.0, 52:53N, 106:51E, 0.02, h10km, 8km, n39, c224/74, 3C, 6D, Lake Bayal Region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like TRG Tyrgan, TRG 3um, 0.1s, etc.

HRMR Khuramsha, HRMR 0.94 163 f/Pg, HRMR 23 24 19.0 -1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like HRMR, UUDB, KELR, LSTR, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, MKAR Makanchi Array, etc.

NIED 12 23:32:00.36:70N:141.30E, h5km, Mw3.8 Best double couple: M4.95000x1014 NP1.3x100000, d40.00000, lambda-69.00000. NP2.0x185.00000, s53.00000, lambda-107.00000.

IDC 12 23:32:34.0:0.9, 36:73N:141.17E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.6/46, mbtmp3.7/9, M3.1/1, MS2.4/2, Ms1 2.4/2, ms1mx2.1/39, Error ellipse: s-maj=21.7km s-min=11.2km az=15.1.

JMA 12 23:32:35.6:36:76N:141.26E, h31km, 1km, M3.8 JMA Felt 1 J1.

ISC 12 23:32:37.3:0.9, 36:82N:140.04:118E:0.08, h22km, 5km, n20, c0.95/28, mb3.8/8, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishiy, JHO Hitachi, JFFD Fukushimafurud, etc.

IDC 12 23:35:10.4:0.8, 27:55N:104.11E, h0km, mb3.8/13, mb1 3.9/13, mb1mx3.7/45, mbtmp3.9/13, Error ellipse: s-maj=27.5km s-min=15.8km az=44.0.

ISCJB 12 23:35:13.0:0.6, 27:60N:109.104:1E:0.1, h33km, mb3.9/12, Error ellipse: s-maj=14.5km s-min=12.0km az=161.6.

ISC 12 23:35:16.0:0.8, 27:70N:110:42E:0.1, h35km, n15, c0.68/15, mb3.9/12, Yunnan

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, KSRs Korea Arry, etc.

IDC 13 00:01:55.9:1.6, 0:73N:97:35E, h0km, mb3.8/6, mb1 4.0/8, mb1mx3.7/37, mbtmp3.8/8, M4.0/2, MS3.0/3, Ms1 3.0/3, ms1mx2.6/35, Error ellipse: s-maj=39.1km s-min=21.2km az=67.0.

ISCJB 13 00:01:56.7:0.8, 0:68N:0:06:97:15E:0:08, h23km, mb3.8/6, MS3.7/1, Error ellipse: s-maj=12.4km s-min=9.6km az=163.2.

DJA 13 00:01:56.9:1.0, 1:078N:0:08:97:29E:0:08, h23km, n22, c0.85/17, mb3.8/6, Northern Sumatra

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like GSI Gunungstoli, PBI Pulau Batu, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SNSI Sinabang, Aceh, MNSI Mandailing Nat, etc.

MAN 13 00:08:43.4:8:39N:125:03E, h126km, mb4.2, M3.1, MS2.8, 1D, Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CGP Cagayan de Oro, BUIP Butuan, etc.

ISCJB 13 00:22:26.0:0.2, 10:33N:0:02:62:46W:0:02, h10km, mb4.5/119, MS3.7/12, Error ellipse: s-maj=3.6km s-min=1.9km az=39.0.

TRN 13 00:22:26.9, 10:21N:62:35W, h12km, MD4.7 TRN Felt in parts of Trinidad, MMI1.

NEIC 13 00:22:28.8:0.0, 10:28N:62:21W, h8km, mb4.6/97, M4.7(7TRN), MW4.8(CAR), After CAR.

NEIC Felt at Chaguayana, Mucupuro and Saint James, Trinidad. IDC 13 00:22:32.6:1.6, 10:49N:62:47W, h48km, 15km, mb4.0/26, mb1 4.2/30, mb1mx4.2/45, mbtmp4.3/30, M3.7/3, MS3.7/15, Ms1 3.7/15, ms1mx3.4/36, Error ellipse: s-maj=12.1km s-min=10.5km az=98.0.

ISC 13 00:22:18.1:3.1, 10:33N:0:04:62:41W:0:03, h16km, 8km, n574, c1.92/28/618, mb4.6/119, MS3.7/12, 1C-1D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TCE Chacachacare, TRP Pointe-a-Pierre, etc.

SVB Belmont 3.13 21 ePn Pn 00 23 17.7 +0.7

SVB Belmont 3.13 21 eS Pn 00 23 17.9 +1.0

SVB Belmont 3.13 21 eS Pn 00 23 55.3 +1.2

SVB Belmont 3.13 21 eS Pn 00 23 18.3 +0.8

SVB Belmont 3.13 21 eS Pn 00 23 59.9 +0.9

SVB Belmont 3.13 21 eS Pn 00 23 19.4 +1.7

SVB Belmont 3.13 21 eS Pn 00 23 19.4 +1.7

SVB Belmont 3.13 21 eS Pn 00 23 57.9 +2.4

SVB Belmont 3.13 21 eS Pn 00 23 28.0 +2.8

SVB Belmont 3.13 21 eS Pn 00 23 56.7 +0.7

SVB Belmont 3.13 21 eS Pn 00 23 19.9 +1.9

SVB Belmont 3.13 21 eS Pn 00 23 56.7 +0.7

SVB Belmont 3.13 21 eS Pn 00 23 18.5 +0.3

SVB Belmont 3.13 21 eS Pn 00 23 26.0 +1.8

SVB Belmont 3.13 21 eS Pn 00 23 26.2 +1.6

SVB Belmont 3.13 21 eS Pn 00 24 11.0 +3.0

SVB Belmont 3.13 21 eS Pn 00 23 26.2 +1.6

SVB Belmont 3.13 21 eS Pn 00 24 09.2 +1.3

SVB Belmont 3.13 21 eS Pn 00 23 26.1 +1.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MDPV Dominica, Penn, TBG Guadeloupe-3, etc.

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

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SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

SDV 39nm, 0.3s, baz=328, slow=14, SNR=9.4

R58B	Mineral	30.83 336	P	P	00 28 45.4 +2.0	P52A	Corning	34.05 332	P	P	00 29 12.2 +0.5	U42A	Reverend	36.77 319	P	P	00 29 35.5 +0.4
250A	Grady	30.83 318	eP	P	00 28 45.1 +1.5	R50A	Paris	34.07 328	P	P	00 29 13.1 +1.2	CPUP	Villa Florida	36.77 172	P	P	00 29 36.6 +1.4
250A	Grady	30.83 318	P	P	00 28 44.7 +1.2	V47A	Numb	34.12 322	P	P	00 29 12.8 +0.4	L49A	Milan	36.78 333	P	P	00 29 35.7 +0.6
CBN	Corbin Frederi	30.83 337	P	P	00 28 45.1 +1.6	Q51A	Peebles	34.15 330	P	P	00 29 13.5 +0.9	P45A	Graceland, Par	36.79 326	eP	P	00 29 36.1 +0.8
BG3	Lake Jocassee	30.87 326	eP	P	00 28 45.5 +1.6	Y45A	Yeager Farm, C	34.16 317	P	P	00 29 13.4 +0.7	P45A	Graceland, Par	36.79 326	P	P	00 29 35.8 +0.5
Z51A	Franklin	31.00 321	P	P	00 28 46.3 +1.2	S49A	Springfield	34.21 327	P	P	00 29 13.6 +0.5	S43A	Fulton Ridge,	36.81 322	P	P	00 29 35.4 -0.1
349A	Repton	31.07 316	P	P	00 28 46.6 +0.9	N54A	Moraine State	34.23 336	P	P	00 29 14.3 +1.0	WHAR	Woolly Hollow	36.83 317	eP	P	00 29 35.5 -0.1
150A	Eclectic	31.07 319	P	P	00 28 46.9 +1.2	O52A	Adamsville	34.31 333	P	P	00 29 14.9 +1.0	AAM	Ann Arbor	36.88 333	P	P	00 29 36.5 +0.5
W53A	Cullowhee	31.13 326	P	P	00 28 47.6 +1.3	Q50A	Georgetown	34.32 329	P	P	00 29 14.9 +0.8	L48A	N Adams	36.95 332	P	P	00 29 37.0 +0.4
X52A	Dahlonega	31.13 324	P	P	00 28 47.1 +0.9	T48A	Bowling Green	34.34 325	P	P	00 29 15.1 +0.9	V41A	Mountainview	37.02 318	P	P	00 29 37.2 -0.2
BLA	Blacksburg	31.31 332	P	P	00 28 48.9 +1.1	P51A	Williamsport	34.37 331	P	P	00 29 15.4 +0.9	SFIN	Lafayette	37.06 328	P	P	00 29 38.4 +0.8
V53A	Saluda	31.31 327	eP	P	00 28 49.1 +1.4	U47A	Clarksville	34.39 323	P	P	00 29 15.4 +0.7	Q44A	Meyer Farm, Va	37.07 325	P	P	00 29 37.8 +0.1
V53A	Saluda	31.31 327	P	P	00 28 49.2 +1.4	X45A	UM Field Stati	34.40 318	P	P	00 29 15.3 +0.6	T42A	Van Buren	37.09 320	eP	P	00 29 37.9 +0.1
249A	Camden	31.40 317	P	P	00 28 49.6 +1.1	OXF	Oxford	34.46 319	P	P	00 29 15.9 +0.6	T42A	Van Buren	37.09 320	P	P	00 29 37.8 0.0
Z50A	Ashland	31.43 320	P	P	00 28 49.8 +0.9	V46A	Holladay	34.46 321	P	P	00 29 15.7 +0.4	R43A	Red Bud	37.18 323	P	P	00 29 38.7 +0.1
W52A	Murphy	31.50 325	eP	P	00 28 51.1 +1.6	WVT	Waverly	34.51 322	eP	P	00 29 16.0 +0.4	U41A	Viola	37.20 319	P	P	00 29 38.3 -0.5
W52A	Murphy	31.50 325	P	P	00 28 50.6 +1.1	WVT	Waverly	34.51 322	P	P	00 29 16.2 +0.6	P44A	Sand Creek, Wi	37.23 326	P	P	00 29 39.4 +0.4
149A	Jones	31.56 318	P	P	00 28 51.0 +0.9	R49A	Shelbyville	34.52 328	P	P	00 29 16.3 +0.5	N46A	Monticello	37.26 329	P	P	00 29 39.5 +0.3
U53A	Fall Branch	31.71 328	P	P	00 28 52.3 +1.0	S48A	Wiedeman Farm,	34.53 326	P	P	00 29 16.5 +0.6	MIAR	Mount Ida	37.29 315	P	P	00 29 39.7 +0.1
Y50A	Piedmont	31.73 321	P	P	00 28 52.5 +1.0	M54A	Oil Creek Stat	34.57 337	P	P	00 29 16.8 +0.6	W40A	Ferguson Farm,	37.30 316	eP	P	00 29 40.6 +1.0
447A	Lucoedale	31.76 314	P	P	00 28 53.4 +1.6	T47A	Sharon Grove	34.66 324	eP	P	00 29 18.0 +1.0	W40A	Ferguson Farm,	37.30 316	P	P	00 29 40.0 +0.4
Z49A	Columbiana	31.77 319	P	P	00 28 53.2 +1.4	T47A	Sharon Grove	34.66 324	P	P	00 29 17.9 +1.0	O45A	Potomac	37.30 327	P	P	00 29 39.7 +0.1
TKL	Tuckaleechee C	31.82 326	P	P	00 28 50.9 -1.4	O51A	Pataskala	34.68 332	P	P	00 29 18.1 +0.9	L47A	Sherwood	37.33 332	P	P	00 29 39.8 0.0
W2A	Sevierville	31.86 322	eP	P	00 28 53.5 +0.9	342A	Flagon Creek P	34.73 312	eP	P	00 29 19.6 +1.9	S42A	Caledonia	37.37 322	P	P	00 29 39.8 -0.5
248A	Dixon Mills	31.89 317	P	P	00 28 53.9 +1.0	342A	Flagon Creek P	34.73 312	P	P	00 29 18.4 +0.7	M46A	Old House Field	37.45 330	eP	P	00 29 41.8 +1.0
PB01	IPOC Station P	31.95 193	eP	P	00 28 53.8 +0.3	P50A	Jamestown	34.82 330	P	P	00 29 19.1 +0.8	M46A	Old House Fiel	37.45 330	P	P	00 29 41.2 +0.4
LRAL	Lakeview Retre	31.97 319	eP	P	00 28 54.6 +1.0	Q49A	Aurora	34.91 329	P	P	00 29 20.1 +1.0	V40A	Witts Springs	37.48 317	eP	P	00 29 41.0 -0.2
LRAL	Lakeview Retre	31.97 319	P	P	00 28 54.6 +1.0	ACSO	Alum Creek Sta	34.92 332	eP	P	00 29 20.4 +1.2	V40A	Witts Springs	37.48 317	P	P	00 29 41.4 +0.2
W51A	Cleveland	32.02 324	P	P	00 28 55.2 +1.2	ACSO	Alum Creek Sta	34.92 332	P	P	00 29 20.0 +0.8	Q43A	New Douglas	37.49 324	P	P	00 29 41.1 -0.1
347A	Saraland	32.03 315	P	P	00 28 54.9 +0.8	X44A	Creshaw	34.94 318	P	P	00 29 19.8 +0.3	T41A	Mountain View	37.52 320	P	P	00 29 41.6 0.0
X50B	Fort Payne	32.06 322	P	P	00 28 55.5 +1.1	V45A	Humboldt	34.94 321	P	P	00 29 20.0 +0.5	N45A	Kentland	37.62 328	P	P	00 29 42.8 +0.5
Y49A	Blount Mountai	32.13 320	eP	P	00 28 55.9 +0.9	S47A	Hartford	34.95 323	P	P	00 29 20.1 +0.6	O44A	Manfield	37.63 327	P	P	00 29 42.6 +0.2
Y49A	Blount Mountai	32.13 320	P	P	00 28 56.0 +0.9	R48A	Northridge Ran	34.97 327	P	P	00 29 20.6 +0.9	X39A	Fountain Ranch	37.65 315	P	P	00 29 42.4 -0.2
U52A	Thorn Hill	32.15 327	P	P	00 28 55.9 +0.8	WCI	Wyandotte Cave	35.08 326	eP	P	00 29 22.0 +1.4	R42A	Luebbering	37.70 322	P	P	00 29 43.0 0.0
V51A	Loudon	32.25 325	eP	P	00 28 57.2 +1.2	WCI	Wyandotte Cave	35.08 326	P	P	00 29 21.5 +0.9	W39A	Magazine	37.79 316	eP	P	00 29 44.2 +0.4
V51A	Loudon	32.25 325	P	P	00 28 57.1 +1.0	O50A	Cable	35.16 331	P	P	00 29 22.2 +1.0	W39A	Magazine	37.79 316	P	P	00 29 44.0 +0.2
446A	Poplarville	32.27 313	P	P	00 28 57.0 +0.7	T46A	Princeton	35.16 323	P	P	00 29 22.1 +0.8	U40A	Yellville	37.82 318	P	P	00 29 44.3 +0.2
TZTN	Tazewell	32.36 327	eP	P	00 28 58.0 +1.1	N51A	Ashland	35.20 333	P	P	00 29 22.1 +0.5	S41A	Jillico Farms,	37.85 321	P	P	00 29 43.9 -0.3
TZTN	Tazewell	32.36 327	P	P	00 28 57.8 +0.8	P49A	Mia Univ, Ec	35.22 329	P	P	00 29 22.5 +0.7	P43A	Skans, Pawnee	37.86 325	P	P	00 29 44.2 -0.1
W50A	Signal Mountai	32.37 323	eP	P	00 28 58.5 +1.4	U45A	Rockin P Farm,	35.22 322	P	P	00 29 22.3 +0.5	M45A	Boilermakers S	37.88 329	P	P	00 29 44.7 +0.2
W50A	Signal Mountai	32.37 323	P	P	00 28 58.4 +1.2	R47A	Woody Knot Far	35.25 326	P	P	00 29 22.6 +0.5	N44A	Piper City	37.91 328	P	P	00 29 44.8 +0.1
247A	Quitman	32.45 316	P	P	00 28 58.5 +0.6	Q48A	North Vernon	35.28 328	P	P	00 29 23.4 +1.0	Q42A	Golden Eagle	37.95 323	P	P	00 29 45.0 -0.2
U51A	La Follette	32.49 326	P	P	00 28 58.8 +0.7	PKME	Peaks-Kenny Pk	35.31 352	P	P	00 29 23.5 +1.0	V39A	Pettigrew	38.05 317	P	P	00 29 45.6 -0.5
T52A	Hallie	32.49 328	P	P	00 28 59.8 +1.7	N50A	Nevada	35.43 332	P	P	00 29 24.3 +0.7	R41A	Rosebud	38.06 322	P	P	00 29 45.6 -0.5
X49A	Woodville	32.51 321	P	P	00 28 59.2 +0.9	M51A	Elyria	35.45 334	P	P	00 29 24.5 +0.7	T40A	Manfield	38.07 319	P	P	00 29 45.8 -0.3
Z48A	Northport	32.55 319	P	P	00 28 59.0 +0.3	Z42A	Norrel Spur, H	35.46 315	P	P	00 29 24.4 +0.4	O43A	Sugar Creek Fa	38.19 326	P	P	00 29 47.0 -0.1
V50A	Pikeville	32.58 324	P	P	00 28 59.8 +0.9	S46A	Don Dixon Farm	35.49 324	P	P	00 29 24.6 +0.5	U39A	Green Forest	38.24 318	P	P	00 29 47.3 -0.4
147A	Livingston	32.59 317	eP	P	00 29 00.5 +1.5	241A	Mo Tay, Goldon	35.50 312	eP	P	00 29 25.7 +1.4	M44A	Midew, Midew	38.29 328	eP	P	00 29 48.2 +0.2
147A	Livingston	32.59 317	P	P	00 28 59.6 +0.6	241A	Mo Tay, Goldon	35.50 312	P	P	00 29 24.7 +0.4	M44A	Midewin, Midew	38.29 328	P	P	00 29 47.7 -0.3
Y48A	Jasper	32.65 320	P	P	00 29 00.3 +0.8	P48A	Milroy	35.52 329	P	P	00 29 24.8 +0.4	S40A	Lebanon	38.33 320	P	P	00 29 48.0 -0.4
SWET	Sewanee	32.75 323	eP	P	00 29 02.0 +1.6	O49A	Covington	35.53 331	P	P	00 29 25.1 +0.6	HDIL	Hopedale	38.36 326	P	P	00 29 48.4 -0.1
Z47A	Carrollton	32.78 318	P	P	00 29 01.5 +0.9	U44B	Burton Farm, H	35.57 321	P	P	00 29 25.2 +0.3	Q41A	Truxton	38.39 323	P	P	00 29 48.4 -0.4
T51A	Gray	32.88 327	P	P	00 29 02.4 +0.8	Q47A	Bedord North L	35.66 327	P	P	00 29 26.2 +0.6	435B	Jarrell	38.47 307	eP	P	00 29 50.5 +0.8
W49A	Belvidere	32.88 322	P	P	00 29 02.5 +0.9	R46A	Gibon Southern	35.74 325	P	P	00 29 26.6 +0.3	435B	Jarrell	38.47 307	P	P	00 29 49.5 -0.2
X48A	Hartselle	32.92 321	eP	P	00 29 02.9 +1.0	141A	Papa Simpson,	35.79 313	P	P	00 29 27.0 +0.3	HHAR	Hobbs	38.49 317	eP	P	00 29 49.9 +0.1
X48A	Hartselle	32.92 321	P	P	00 29 02.9 +1.0	M50A	Fremont	35.89 333	P	P	00 29 28.1 +0.6	T39A	Cleaver	38.55 319	P	P	00 29 49.7 -0.5
U50A	Jamestown	32.97 326	P	P	00 29 03.3 +1.0	O48A	Farmhand	35.98 330	P	P	00 29 29.1 +0.8	N43A	Stutzman Famil	38.56 327	P	P	00 29 50.5 +0.3
HRV	Adam Dzewonsk	33.04 348	P	P	00 29 04.3 +1.6	N49A	Columbus Grove	36.03 331	P	P	00 29 29.7 +1.0	R40A	Maddies Statio	38.60 321	P	P	00 29 50.1 -0.6
Y47A	UCPARC, Winfie	33.07 319	P	P	00 29 04.1 +0.9	Z41A	Richland Creek	36.06 314	P	P	00 29 29.8 +0.7	P41A	Barry, Barry	38.76 324	P	P	00 29 51.6 -0.4
O56A	Blue Knob Stat	33.08 337	P	P	00 29 04.1 +0.8	R45A	Skylar, Fairri	36.23 324	P	P	00 29 30.9 +0.4	M43A	Walham Townsh	38.80 328	P	P	00 29 52.2 0.0
V49A	McMinnville	33.11 324	P	P	00 29 04.5 +0.9	U43A	Re										

Q38A	Cooks Store, C	39.85 321	P	P	00 30 00.7 -0.4
N40A	Mertquake, Sal	39.86 325	P	P	00 30 00.9 -0.2
LCO	Las Campanas	39.92 191	eP	P	00 30 02.1 +0.1
J43A	Natural Harves	39.94 330	P	P	00 30 01.4 -0.3
K42A	Prairie Point,	39.96 329	P	P	00 30 01.6 -0.3
O39A	Kirksville	40.01 323	P	P	00 30 01.5 -0.9
L41A	Preston	40.07 327	P	P	00 30 02.1 -0.7
JCT	Junction City	40.11 306	eP	P	00 30 03.2 -0.2
JCT	Junction City	40.11 306	P	P	00 30 02.3 -1.1
M40A	Posid Highland	40.17 325	P	P	00 30 03.1 -0.5
I43A	Langenfeld Bro	40.18 331	P	P	00 30 03.4 -0.3
P38A	Dawn	40.20 322	P	P	00 30 03.5 -0.5
J42A	Columbus	40.24 329	P	P	00 30 03.5 -0.7
K41A	Shulburg	40.34 328	P	P	00 30 04.4 -0.6
N39A	Derby Farms, D	40.38 324	eP	P	00 30 05.3 -0.1
N39A	Derby Farms, D	40.38 324	P	P	00 30 04.6 -0.8
H43A	Windswept, Lux	40.45 332	P	P	00 30 05.6 -0.3
L40A	Anamosa	40.45 326	eP	P	00 30 05.4 -0.6
L40A	Anamosa	40.45 326	P	P	00 30 05.1 -0.9
JFWS	Jewell Farm	40.53 328	P	P	00 30 06.0 -0.6
I42A	Draeger Farm,	40.56 330	P	P	00 30 06.4 -0.4
M39A	Webster	40.59 325	P	P	00 30 06.2 -0.9
P37A	Lathrop	40.68 321	P	P	00 30 06.8 -1.1
J41A	Loganville	40.73 329	P	P	00 30 07.6 -0.6
ABTX	Abilene, Hawle	40.82 309	eP	P	00 30 09.2 -0.1
ABTX	Abilene, Hawle	40.82 309	P	P	00 30 08.5 -0.7
K40A	Colesburg	40.84 327	P	P	00 30 08.5 -0.7
L39A	Winton	40.92 326	P	P	00 30 09.0 -0.8
WMOK	Wichita Mounta	41.10 312	P	P	00 30 10.6 -0.9
J40A	Soldiers Grove	41.12 328	P	P	00 30 10.7 -0.8
I41A	Arkdale	41.15 330	P	P	00 30 11.0 -0.7
F43A	Flat Rock, Esc	41.23 334	P	P	00 30 11.8 -0.5
K39A	Olwein	41.25 327	P	P	00 30 11.6 -1.0
I40A	Norwalk	41.41 329	P	P	00 30 13.2 -0.6
J39A	Decorah	41.58 327	P	P	00 30 14.4 -0.9
F42A	Maple Grove Fa	41.60 333	P	P	00 30 15.1 -0.2
H40A	Chili	41.82 330	P	P	00 30 16.3 -0.9
KSU1	Kansas State U	41.83 319	eP	P	00 30 16.4 -0.9
KSU1	Kansas State U	41.83 319	P	P	00 30 16.5 -0.9
I39A	Houston	41.85 328	eP	P	00 30 16.9 -0.5
I39A	Houston	41.85 328	P	P	00 30 16.8 -0.7
J38A	Wedel Dairy, R	41.98 327	P	P	00 30 18.3 -0.3
F41A	Three Lakes	42.02 332	P	P	00 30 19.0 +0.1
G40A	Rib Lake	42.19 331	P	P	00 30 19.9 -0.4
K37A	Belmond	42.26 325	P	P	00 30 20.6 -0.2
H39A	Augusta	42.30 329	P	P	00 30 21.4 +0.2
E41A	Kenton	42.51 333	P	P	00 30 22.8 0.0
K36A	Gilmore City	42.63 325	P	P	00 30 23.7 -0.2
F40A	Park Falls	42.63 331	P	P	00 30 23.6 -0.3
G39A	Holcombe	42.68 330	P	P	00 30 23.3 -0.9
H38A	Maiden Rock	42.81 328	P	P	00 30 24.1 -1.2
TXAR	Lajitas Array	42.88 302	P	P	00 30 26.2 0.0
TXAR	Lajitas Array	42.88 302	PcP	PcP	00 32 16.1 -1.0
TXAR	Lajitas Array	42.88 302	ScP	ScP	00 36 05.0 -2.8
TX31	Lajitas Ar. Si	42.88 302	eP	PcP	00 30 29.4 +3.2
TX31	Lajitas Ar. Si	42.88 302	eP	PcP	00 32 16.2 -0.9
TX31	Lajitas Ar. Si	42.88 302	eP	PcP	00 32 16.6 -0.6
E40A	Wakefield	42.92 332	P	P	00 30 25.6 -0.5
J36A	Seneca 1, Swea	43.01 326	P	P	00 30 26.5 -0.4
F39A	Loretta	43.01 331	P	P	00 30 26.2 -0.8
E39A	Mellen	43.18 331	P	P	00 30 27.7 -0.5
AMTX	Amarillo	43.31 311	eP	P	00 30 30.7 +1.1
AMTX	Amarillo	43.31 311	P	P	00 30 28.6 -1.0
SPMN	Marine on St.	43.46 329	P	P	00 30 30.3 -0.2
F38A	Pierce - Schro	43.51 330	P	P	00 30 31.0 0.0
MSTX	Muleshoe	43.76 309	eP	P	00 30 32.6 -0.7
MSTX	Muleshoe	43.76 309	P	P	00 30 32.9 -0.4
BGNE	Belgrade	44.09 321	P	P	00 30 35.6 -0.2
SCHO	Schefferville	44.52 356	P	P	00 30 38.8 -0.1
SCHO	Schefferville	44.52 356	PcP	PcP	00 32 20.9 -1.1
SCHO	Schefferville	44.52 356	LR	LR	00 48 07.3
ECSD	EROS Data Cent	44.55 324	eP	P	00 30 40.8 +1.4
ECSD	EROS Data Cent	44.55 324	P	P	00 30 39.8 +0.5
MNTX	Cornudas Mount	45.02 305	eP	P	00 30 43.7 +0.4
MNTX	Cornudas Mount	45.02 305	P	P	00 30 43.2 -0.1
KSCO	Kaye Shedlock	45.81 315	P	P	00 30 49.9 +0.4
T25A	Trinidad	46.25 312	eP	P	00 30 53.4 +0.2
T25A	Trinidad	46.25 312	P	P	00 30 53.0 -0.2
OGNE	Ogallala	46.33 318	P	P	00 30 53.7 +0.1
ANMO	Albuquerque	46.95 309	P	P	00 30 59.2 +0.5
ANMO	Albuquerque	46.95 309	eP	P	00 30 59.7 +1.0
ANMO	Albuquerque	46.95 309	P	P	00 30 58.7 0.0
121A	Cookes Peak, D	47.22 305	P	P	00 31 00.8 0.0
TRQA	Tornquist	48.14 180	eP	P	00 31 07.9 +0.4
ISCO	Idaho Springs	48.23 315	eP	P	00 31 08.7 0.0
ISCO	Idaho Springs	48.23 315	P	P	00 31 08.4 -0.2

S22A	4UR Ranch, Cre	48.26 312	eP	P	00 31 08.6 -0.3
S22A	4UR Ranch, Cre	48.26 312	P	P	00 31 08.4 -0.6
ULM	Lac Du Bonnet	48.42 332	P	P	00 31 07.8 -1.8
ULM	Lac Du Bonnet	48.42 332	LR	LR	00 51 40.0
MDND	Maddock	48.73 327	P	P	00 31 11.9 -0.1
SMCO	Snowmass	48.93 314	eP	P	00 31 14.0 -0.2
N23A	Red Feather La	48.93 316	P	P	00 31 13.8 -0.2
RSSD	Black Hills	49.21 321	P	P	00 31 16.2 +0.2
TUC	Black Hills	49.21 321	P	P	00 31 16.2 +0.2
TUC	Tucson	49.59 304	eP	P	00 31 21.8 +2.9
TUC	Tucson	49.59 304	P	P	00 31 19.1 +0.1
PV01	Paradox Valley	49.68 312	eP	P	00 31 20.8 +1.0
PV02	Paradox Valley	49.68 312	eP	P	00 31 21.9 +1.0
PV13	Radium Mtn., P	49.88 312	eP	P	00 31 24.1 +2.8
PV12	Saucer Basin,	49.92 312	eP	P	00 31 23.8 +2.2
K22A	Casper	50.10 318	eP	P	00 31 22.9 +0.1
K22A	Casper	50.10 318	P	P	00 31 22.5 -0.3
O20A	White River Ci	50.21 314	P	P	00 31 23.7 0.0
WUAZ	Wupatki	50.95 308	eP	P	00 31 32.7 +3.4
PLCA	Pase Flores	51.36 188	P	P	00 31 33.0 +0.9
PLCA	Pase Flores	51.36 188	LR	LR	00 56 52.8
P18A	Preo Nutter	51.44 313	eP	P	00 31 33.8 +0.6
DGMT	Dagmar	51.59 326	P	P	00 31 33.6 -0.2
U15A	North Rim	51.92 308	eP	P	00 31 39.3 +2.5
PD31	Pinedale Array	52.17 317	eP	P	00 31 36.9 -1.5
PDAR	Pinedale Array	52.17 317	P	P	00 31 36.9 -1.5
PDAR	Pinedale Array	52.17 317	PcP	PcP	00 32 50.0 -0.1
PDAR	Pinedale Array	52.17 317	LR	LR	00 55 42.8
BW06	Boulder Array	52.17 317	P	P	00 31 38.3 -0.1
KNB	Kanab	52.50 309	eP	P	00 31 43.0 +2.0
RLMT	Red Lodge	52.97 320	eP	P	00 31 44.7 +0.4
RLMT	Red Lodge	52.97 320	P	P	00 31 44.4 +0.1
LOHW	Long Hollow	53.21 317	eP	P	00 31 45.5 -0.6
REDW	Redwood Meadow	53.27 317	eP	P	00 31 48.2 +1.6
DUG	Dugway, Toeole	53.49 313	eP	P	00 31 48.3 +0.2
DUG	Dugway, Toeole	53.49 313	P	P	00 31 47.8 -0.4
XUY	Fox Creek	53.50 317	eP	P	00 31 48.8 +0.6
IRM	Iron Mountain	53.58 305	P	P	00 31 48.7 -0.1
SPUT	South Promonto	53.61 314	eP	P	00 31 51.8 +2.8
PSUT	Pine Spring	53.73 310	eP	P	00 31 51.5 +1.4
BGU	Big Grassy Mou	53.89 314	eP	P	00 31 51.8 +0.7
MONPZ	Monument Peak	54.35 303	P	P	00 31 54.2 -0.4
TUQ	Turquoise Moun	54.50 306	P	P	00 31 55.4 -0.2
EGMT	Eagleton	54.57 323	P	P	00 31 56.4 +0.5
BOZ	Bozeman (W)	54.68 319	eP	P	00 31 57.7 +1.0
BOZ	Bozeman (W)	54.68 319	P	P	00 31 56.9 +0.2
R11A	Troy Canyon, C	54.98 310	eP	P	00 32 01.9 +2.7
R11A	Troy Canyon, C	54.98 310	P	P	00 31 59.2 +0.1
TPNV	Topopah Spring	55.13 308	eP	P	00 32 02.0 +1.9
TPNV	Topopah Spring	55.13 308	P	P	00 32 00.4 +0.3
FURC	Furnace Creek,	55.49 307	P	P	00 32 03.0 +0.5
HLID	Hailey	55.76 316	eP	P	00 32 05.5 +0.9
HLID	Hailey	55.76 316	P	P	00 32 04.0 -0.5
DBIC	Dimock	56.98 89	P	P	00 32 13.6 +0.1
NVAR	Mina Array Bea	57.07 309	P	P	00 32 13.1 -1.0
BMO	Blue Mountains	58.15 317	eP	P	00 32 21.7 +0.3
NEW	Newport	59.18 321	P	P	00 32 28.3 -0.1
ESDC	Sonsecra Array	59.29 50	P	P	00 32 30.2 +0.8
ES19	SONSECA Array	59.34 50	eP	P	00 32 30.0 +0.3
J04D	Umpqua Nationa	61.02 314	P	P	00 32 40.3 -1.1
TORD	Torodi Ar. Bea	62.68 81	P	P	00 32 51.9 -0.9
TORD	Torodi Ar. Bea	62.68 81	LR	LR	00 58 25.3
LLBL	Lillooet	62.88 322	eP	P	00 32 55.4 +1.8
YKA	Yellowknife Ar	64.03 336	P	P	00 32 58.5 -2.4
DOU	Dourbes	67.43 40	P	P	00 33 22.1 +0.9
KEST	Keesa	69.25 56	P	P	00 33 35.7 +0.9
NB2	NORSAR Subarra	73.10 29	P	P	00 33 58.0 +0.4
NOA	NORSAR Array B	73.10 29	P	P	00 33 58.2 +0.6
GERES	GERES Array B	73.15 42	P	P	00 33 58.2 0.0
INK	Inuvik	73.31 338	eP	P	00 33 57.4 -2.4
EGAK	Eagle	75.92 334	eP	P	00 34 12.2 -1.7
SCRK	Sand Creek	77.09 333	eP	P	00 34 19.3 -1.4
IL1	Eielson Array	78.37 334	eP	P	00 34 25.0 -2.6
ILAR	Eielson Array	78.37 334	P	P	00 34 25.6 -2.1
ILAR	Eielson Array	78.37 334	LR	LR	01 12 15.4
ILB	Eielson Array	78.37 334	eP	P	00 34 25.9 -1.8
MDM	Murphy Dome	78.94 334	eP	P	00 34 29.2 -1.6
ARCES	ARCES Array B	79.67 21	P	P	00 34 34.3 -0.4
TRF	Thorofare Moun	79.89 333	eP	P	00 34 35.4 -0.8
FINES	FINES Array B	80.29 29	P	P	00 34 37.7 -0.4
FIAT	FINES Array S	80.29 29	eP	P	00 34 37.7 -0.5
BUR08	Bucovina Ar. S	80.85 43	eP	P	00 34 42.7 +1.1
BUR04	Bucovina Ar. S	80.86 43	eP	P	00 34 42.4 +0.7
SVW2	Sparrevohn	82.57 331	eP	P	00 34 49.0 -1.3
AKASG	Malin Array Be	83.13 40	P	P	00 34 56.0 +2.6
BR131	Keskin Array S	88.08 50	eP	P	00 35 18.7 +0.2
BRTR	Keskin Array B	88.08 50	P	P	00 35 18.6 +0.1
BOSA	Boshof	92.85 118	P	P	00 35 41.1 +0.3
BOSA	Boshof	92.85 118	LR	LR	01 13 29.9

KSH	Kashi	117.14	35	PKP	PKPdf	00 41 13.3 +0.1
KSH	Kashi	117.14	35	ePKP	PKPdf	00 41 27.1
WMQ	Ururumi	119.64	25	ePKP	PKPdf	00 41 16.3 -1.5
SOMN	Songino Array	121.24	9	PKP	PKPdf	00 41 21.5 +0.7
HHC	Huho-huoc	128.77	6	ePKP	PKPdf	00 41 36.2 +0.8
LZH	Lanzhou	132.05	15	ePKP	PKPdf	00 41 40.1 -1.8
LZH	Lanzhou	132.05	15	sPKP	PKPdf	00 42 00.2
LZH	Lanzhou	132.05	15	LR	LR	
LZH	Lanzhou	132.05	15	LR	LR	
LZH	Lanzhou	132.05	15	LR	LR	
LZH	Lanzhou	132.05	15	LR	LR	
NJ2	Nanjing	137.84	358	ePKP	PKPdf	00 41 52.3 -0.3
CMAR	Chiang Mai Arr	145.93	9	PKPbc	PKPdf	00 42 07.4 -0.7
SUKH	Sukhothai	147.16	33	P	PKPab	00 42 13.7 +0.6
UTHA	Uthairai	148.62	35	P	PKPab	00 42 19.0 +0.1
STKA	Stephens Creek	149.14	222	PKPbc	PKPbc	0

SOME 13 00:36:38.8,41.40N,80:13E,h15km
BUJ 13 00:36:39.3,41.43N,80:27E,h13km,ML3.0/8
NNC 13 00:36:40.8,1.7,41.56N,80:16E,h0km,mb4.0,mpv3.6,
Error ellipse: s-maj=14.4km s-min=7.6km az=149.0
KRNET 13 00:36:41.4,0.1,41.72N,80:12E,mb3.5
ISC 13 00:36:44.9,2.5,41.76N,0:00:06.10E,0.05,h3km,13km,
n41,-188074,29C-11D, Southern Xinjiang

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

SFK 2.4nm,0.5s U/Lg Lg 00 39 29.7
MNAS 11nm,1.1s 5.70 280 U/Pg Pb 00 38 25.5 +0.6
MNAS 2.7nm,0.5s U/Lg Lg 00 39 44.5
KK31 8.9nm,0.8s Karatay Array 7.22 284 U/Pg Pb 00 38 56.5 +5.7
KK31 1.4nm,0.6s,baz=90,slow=16,SNR=13 U/Lg Lg 00 40 35.5
2.5nm,0.6s,baz=86,slow=28,SNR=3.9

ISC/JB 13 01:13:13.3,0.3,20.41N,0:03:146.71E,0.07,h34km,
mb4.2/30, Error ellipse: s-maj=9.0km s-min=4.7km
az=177.9
NEIC 13 01:15:43.7,2.3,20.27N,146:76E,h33km,mb4.5/16, Error
ellipse: s-maj=9.7km s-min=6.2km az=81.0
IDC 13 01:13:20.5,2.8,20:30N,146:53E,h80km,26km,mb3.8/21,
mb1.3/9.25,mb1mx3.8/57,mbtmp4.2/25, Error ellipse:
s-maj=19.5km s-min=10.3km az=80.0
ISC 13 01:13:15.0,0.5,20:44N,0:05:146.71E,0.09,h34km,n75,
c135/83,mb4.3/30, Mariana Islands region

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

ISC/JB 13 01:15:42.3,0.3,20:29N,0:04:146.73E,0.06,h34km,
mb4.3/41,MS3.4/7, Error ellipse: s-maj=7.9km
s-min=5.0km az=2.0
NEIC 13 01:15:43.7,2.3,20:27N,146:76E,h33km,mb4.5/20,
Error ellipse: s-maj=7.3km s-min=4.7km az=84.0
IDC 13 01:15:46.6,2.8,20:30N,146:70E,h58km,26km,mb3.9/26,
mb1.4/0.30,mb1mx3.9/50,mbtmp4.2/30,ML4.0/4,MS3.5/8,
MS1.3.5/8,ms1mx3.2/36,SNR=6.9, Error ellipse: s-maj=16.4km
s-min=9.5km az=84.0

ISC 13 01:15:44.2,0.5,20:32N,0:05:146.71E,0.09,h34km,n92,
c189/95,mb4.4/41,MS3.5/7, Mariana Islands region

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Arr, NV01 Mina Array, CCUT Cedar City, etc.

IDC 13 01:40:28.4+0.8, 10.90Sx113.93E, h0km, mb3.9/12, mb1.4, 1/15, mb1mx3.9/40, mbtmp4.0/15, ML4.0/3, MS2.8/1, Ms1.2, 8/1, ms1mx2.3/45, Error ellipse: s-maj=27.9km s-min=15.5km az=22.0

ISCJB 13 01:40:30.4+1.7, 10.84Sx104.113.99E, 0.05, h25km, 12km, mb4.2/17, MS2.6/1, Error ellipse: s-maj=7.8km s-min=5.9km az=156.4

NEIC 13 01:40:30.0+0.5, 10.90Sx113.98E, h10km, mb5.1/7, Error ellipse: s-maj=13.2km s-min=6.6km az=222.0

DJA 13 01:40:32.8+0.5, 11.1Sx111.4E, h10km, M4.0/15, MLV4.0/15

ISC 13 01:40:30.7+4.6, 10.86Sx107.113.95E, 0.06, h16km, 29km, n56, r1520/57, mb4.1/17, South of Jawa

Main table of station data for the first section, including stations like IGBI Denpasar, JAGI Jajag, DNP Denpasar, etc.

ISCJB 13 01:43:06.9+0.3, 24.17N, 121.74E, 0.02, h7km, 2km, Error ellipse: s-maj=2.6km s-min=1.8km az=29.7

JMA 13 01:43:06.3+0.1, 24.14N, 121.72E, h9km, 2km, M2.5

TAP 13 01:43:06.3+0.1, 24.17N, 121.72E, h12km, ML3.3, C

ISC 13 01:43:06.7+0.8, 24.17N, 121.73E, 0.02, h12km, 5km, n84, r0954/129, 1C-18D, Taiwan

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

Main table of station data for the second section, including stations like ENA Suao, ENLB Shoufeng, ENLH Nanao, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ALS Alishan, CHKT Chengkung, TWY Chianta, etc.

NEIC 13 01:54:52.6+0.1, 18.63Sx175.85E, h10km, mb5.4/254, MS5.1/121, Error ellipse: s-maj=4.1km s-min=3.0km az=150.0

MOS 13 01:54:55.6+1.1, 18.72Sx175.87E, h41km, mb5.5/65, MS5.0/33, Error ellipse: s-maj=7.5km s-min=7.3km az=62.7

GCMT 13 01:54:56.7+0.1, 18.62Sx175.87E, h12km, MW5.5/138, Moment Tensor Solution, s125.c243; s138.c289; Duration: 1s4 Moment tensor: Scale 1017 Nm; Mn=2.07e+02; Mxx0.33e+02; Myy1.75e+02; Mz=0.45e+05; Mxx0.79e+01; Myr-0.16e+04; Best double couple: Mo2.14000e+017 NP1.9e+33.00000e+0; 8.50.00000e+0; 7.8.00000e+0. NP2.9e+195.00000e+0; 8.41.00000e+0; 7.8.00000e+0. Principal axes: T 2.1290, P1g4.0000e+0; Azm115.0000e+0; N 0.0310, P1g9.0000e+0; Azm205.0000e+0; P -2.1510, P1g60.0000e+0; Azm359.0000e+0; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISCJB 13 01:54:59.7+1.3, 18.75S, 0.03x175.80E, 0.02, h77km, 11km, mb5.2/325, Error ellipse: s-maj=4.9km s-min=3.9km az=172.4

IDC 13 01:55:00.6+3.0, 18.73Sx175.88E, h75km, 26km, mb4.8/32, mb1.4/9/35, mb1mx4.9/39, mbtmp5.1/35, MS4.9/19, Ms1.4/9/19, ms1mx4.7/23, Error ellipse: s-maj=12.4km s-min=10.8km az=60.0

Bull 13 01:55:01.4, 18.80S, 175.80E, h89km, mb5.1/58, MB5.5/55, MS5.3/58, MS7.5/54

ISC 13 01:55:01.7+0.4, 18.83S, 0.04x175.83E, 0.04, h84km, 3km, h84km, pP-P, n932, r1927/885, Phase 2/325, 55C-29D, Fiji Islands region

Main table of station data for the third section, including stations like DZM Mont Dzumac, DZM Mont Dzumac, etc.

QIZ	sS	sS	02 16 41.9 -0.4
QIZ	SS	SS	02 20 56.0 +0.9
QIZ	pmax	pmax	
QIZ	comp=Z,6.0nm,1.2s		
QIZ	comp=Z,220nm,4.5s	pmax	pmax
QIZ	comp=Z,320nm,21.6s	LR	LR
QIZ	comp=Z,540nm,22.5s	LR	LR
QIZ	comp=Z,1.1um,25.5s	LR	LR
QIZ	Qiongzhong	74.89 296 eP	P 02 06 34.4 +0.6
QIZ	comp=Z,32nm,1.4s	LR	LR
TYV	comp=Z,1.1um,22.0s		
BKNI	Tymovskoe	75.27 339 eP	P 02 06 34.9 -0.4
BKNI	Bangkinang	75.72 275 eP	P 02 06 41.8 +3.0
BKNI	comp=Z,94nm,0.5s,comp=Z,2um		
BKNI	Bangkinang	75.72 275 eP	P 02 06 39.0 +0.2
BKNI	comp=Z,188nm,1.4s		
COCO	West Island	75.87 262 eP	P 02 06 50.0 +1.0
COCO	comp=Z,2um,22.0s	LR	LR
MDJ	Mudanjiang	75.92 328 eP	P 02 06 36.7 -2.5
MDJ	comp=Z,2um,22.0s	pP	pP 02 06 59.9 -1.3
MDJ	comp=Z,2um,22.0s	sP	sP 02 07 09.8 -0.5
MDJ	comp=Z,2um,22.0s	PP	PP 02 09 31.0 +0.1
MDJ	comp=Z,39nm,1.4s	pmax	pmax
MDJ	comp=Z,700nm,5.4s	pmax	pmax
MDJ	comp=Z,500nm,19.9s	LR	LR
MDJ	comp=Z,270nm,16.7s	LR	LR
MDJ	comp=Z,880nm,18.3s	LR	LR
MDJ	Mudanjiang	75.92 328 eP	P 02 06 40.1 +0.9
MDJ	comp=Z,70nm,1.4s	LR	LR
SDPT	comp=Z,654nm,20.0s		
DL2	Sand Point	76.59 14 eP	P 02 06 42.4 -0.3
DL2	comp=Z,209nm,1.4s		
DL2	Dalian	76.61 319 pP	P 02 06 43.1 -0.1
DL2	comp=Z,209nm,1.4s	pP	pP 02 07 05.7 +0.4
DL2	comp=Z,51nm,1.2s	S	S 02 16 22.0 -1.0
DL2	comp=Z,280nm,4.2s	pmax	pmax
DL2	comp=Z,620nm,21.0s	LR	LR
DL2	comp=Z,680nm,24.7s	LR	LR
WHN	Wuhan	76.83 309 pP	P 02 06 45.6 +1.0
WHN	comp=Z,4um,26.7s	LR	LR
WHN	comp=Z,2um,16.6s	LR	LR
WHN	comp=Z,6um,25.1s	LR	LR
MNSI	Mandailing Nat	77.25 275 P	P 02 06 47.8 +0.4
MNSI	comp=Z,1.8nm,1.4s,comp=Z,3um		
MNSI	Shenyang	77.28 323 pP	P 02 06 44.8 -2.1
MNSI	comp=Z,400nm,6.3s	pmax	pmax
SNY	comp=Z,470nm,18.4s	LR	LR
SNY	comp=Z,440nm,16.7s	LR	LR
SNY	comp=Z,980nm,17.9s	LR	LR
GRNR	Gornyy	77.48 336 eP	P 02 06 49.8 +2.0
GRNR	comp=Z,76nm,1.0s	pmax	pmax
CN2	Changchun	77.53 325 eP	P 02 06 48.1 -0.2
CN2	comp=Z,16nm,1.1s,comp=Z,3um	eP	eP 02 07 08.9 -1.4
CN2	comp=Z,16nm,1.1s,comp=Z,3um	es	es 02 16 30.9 -1.8
CN2	comp=Z,16nm,1.1s,comp=Z,3um	SKS	SKS 02 16 46.4 -7.6
CN2	comp=Z,70nm,1.1s	pmax	pmax
CN2	comp=Z,200nm,4.0s	pmax	pmax
CN2	comp=Z,480nm,19.0s	LR	LR
CN2	comp=Z,440nm,19.0s	LR	LR
CN2	comp=Z,690nm,21.0s	LR	LR
NKL	Nikolayevsk	77.86 339 eP	P 02 06 51.0 +1.2
NKL	comp=Z,1um,7.0s	pmax	pmax
NKL	comp=N,900nm,8.1s	MLR	MLR
NKL	comp=Z,1um,16.0s	MLR	MLR
TIA	Tai'an	77.93 315 P	P 02 06 51.0 +0.3
TIA	comp=Z,38nm,1.1s	pmax	pmax
TIA	comp=Z,360nm,4.7s	pmax	pmax
TIA	comp=Z,230nm,25.5s	LR	LR
TIA	comp=Z,440nm,23.0s	LR	LR
TIA	comp=Z,680nm,24.7s	LR	LR
KLR	Kul'dur	78.25 332 P	P 02 06 52.6 +0.5
KLR	comp=Z,16nm,1.1s,comp=Z,3um	P	P 02 06 52.0 -0.1
KLR	Kul'dur	78.25 332 eP	eP 02 06 54.0 -0.7
PSI	Prapat	78.53 277 eP	P 02 06 54.0 -0.7
PSI	comp=Z,40nm,1.2s	pmax	pmax
PSI	Prapat	78.53 277 eP	eP 02 06 54.0 -0.7
PSI	comp=Z,40nm,1.2s	pmax	pmax
SKNT	Sakolnikov	79.09 292 P	P 02 06 57.6 +0.1
SKNT	comp=Z,16nm,1.1s,comp=Z,3um		
GSI	Gunungsitoli	79.31 275 P	P 02 07 00.5 +1.7
GSI	comp=Z,59nm,1.3s	eP	eP 02 06 58.2 -0.6
GSI	Gunungsitoli	79.31 275 eP	eP 02 07 02.7 +2.6
GSI	comp=Z,85nm,1.3s	P	P 02 07 06.2 +4.6
TRTT	Trang	79.55 282 P	P 02 07 04.3 +0.6
KHON	Khomkaen	79.86 291 P	P 02 07 04.8 +0.8
NONG	Nongkai	80.25 293 P	P
ENH	Enshi	80.34 307 eP	eP
ENH	comp=Z,63nm,1.4s	LR	LR
BJT	Baijiatuu	80.68 318 eP	P 02 07 02.4 -3.2
BJT	comp=Z,735nm,21.0s		
BJT	comp=Z,43nm,1.4s	LR	LR
BJT	comp=Z,892nm,20.0s	LR	LR
BJT	Baijiatuu	80.68 318 eP	eP 02 07 02.4 -3.2
BJT	comp=Z,43nm,1.4s	pmax	pmax
BJT	comp=Z,892nm,20.0s	MLR	MLR
BJI	Beijing	80.69 318 P	P 02 07 06.0 +0.4
BJI	comp=Z,10.0nm,1.0s	pmax	pmax
BJI	comp=Z,400nm,21.6s	LR	LR
BJI	comp=Z,330nm,20.0s	LR	LR
BJI	comp=Z,830nm,30.3s	LR	LR
KDAK	Kodiak Island	80.72 17 P	P 02 07 04.3 -1.0
KDAK	comp=Z,12nm,0.8s,comp=Z,24.7,slow=5.1,SNR=7.0		
KDAK	Kodiak Island	80.72 17 eP	eP 02 07 04.3 -1.0
KDAK	comp=Z,28nm,1.0s	LR	LR
MA2	Magadan	80.77 347 P	P 02 07 04.5 -1.1
MA2	comp=Z,13nm,0.8s,comp=Z,173,slow=8.9,SNR=4.8		
MA2	Magadan	80.77 347 eP	eP 02 07 04.5 -1.1
MA2	comp=Z,33nm,1.2s	LR	LR
MA2	comp=Z,978nm,20.0s	LR	LR
MA2	Magadan	80.77 347 iP	P 02 07 04.6 -1.0
MA2	comp=Z,31nm,1.2s	pmax	pmax
GYA	Gulyang	80.80 302 P	P 02 07 07.4 +0.7
GYA	comp=Z,1.2um,2.2s	pP	pP 02 07 31.2 +2.3
GYA	comp=Z,1.2um,2.2s	sP	sP 02 07 41.4 +3.4
GYA	comp=Z,1.2um,2.2s	PP	PP 02 10 14.8 +2.6
GYA	comp=Z,1.2um,2.2s	S	S 02 17 07.3 -1.2

GYA	comp=Z,20nm,1.0s	SKS	SKS	02 17 13.0 -5.2
GYA	comp=Z,120nm,6.0s	pmax	pmax	
SAO	San Andreas Ge	80.95 46 eP	P 02 07 06.6 -0.5	
SAO	San Andreas Ge	80.95 46 eP	P 02 07 06.6 -0.5	
SAO	comp=Z,27nm,1.1s	pmax	pmax	
HOPS	Hopland Field	81.05 44 eP	P 02 07 05.1 -2.5	
KCPM	Cahto Peak	81.09 43 eP	P 02 07 08.9 +0.9	
KCPM	comp=Z,22nm,1.3s			
MAW	Mawson	81.09 201 P	P 02 07 08.0 +0.6	
MAW	comp=Z,26nm,1.1s,comp=Z,106,slow=7.5,SNR=25			
MAW	Mawson	81.09 201 eP	P 02 07 07.5 +0.1	
MAW	comp=Z,26nm,1.1s,comp=Z,106,slow=7.5,SNR=25			
MAW	Mawson	81.09 201 eP	P 02 07 07.9 +0.6	
MAW	comp=Z,26nm,1.1s,comp=Z,106,slow=7.5,SNR=25			
PMPB	Monarch Peak	81.11 47 eP	P 02 07 09.1 +1.0	
PMPB	comp=Z,58nm,1.2s			
PKM	Mcherson Peak	81.13 49 P	P 02 07 08.4 +0.1	
PKM	comp=Z,240,SNR=9.3			
SMMC	Simler	81.21 48 P	P 02 07 08.6 +0.1	
SMMC	comp=Z,240,SNR=9.3			
PAGB	Antelope Grade	81.25 48 eP	P 02 07 09.0 +0.3	
PAGB	comp=Z,28nm,1.3s			
KMRM	Mali Ridge	81.31 42 eP	P 02 07 10.3 +1.3	
KMRM	comp=Z,18nm,1.2s			
PHET	Kaeng Krachan	81.43 287 P	P 02 07 13.4 +3.3	
KHMM	Horse Mountain	81.65 42 eP	P 02 07 13.8 +2.9	
KHMM	comp=Z,64nm,1.4s			
O02D	Mt. Diablo Mer	81.87 43 P	P 02 07 12.0 0.0	
O02D	comp=Z,24nm,1.1s			
PASC	Pasadena Art C	81.94 50 eP	P 02 07 13.2 +0.8	
PASC	comp=Z,24nm,1.1s			
ARVC	Arvin	81.95 49 P	P 02 07 12.0 -0.4	
ARVC	comp=Z,240,SNR=9.3			
MWC	Mount Wilson	82.06 50 eP	P 02 07 13.6 +0.3	
MWC	comp=Z,28nm,1.1s			
MWC	Mount Wilson	82.06 50 eP	eP 02 07 13.6 +0.3	
MWC	comp=Z,28nm,1.1s	pmax	pmax	
YES	Vestal, Richgr	82.12 48 P	P 02 07 12.9 -0.3	
YES	comp=Z,28nm,1.1s			
WDC	Whiskeytown Da	82.25 43 eP	P 02 07 14.5 +0.6	
WDC	comp=Z,11nm,1.2s			
CMB	Columbia Cole	82.33 46 eP	P 02 07 13.6 -0.8	
CMB	comp=Z,27nm,1.2s			
BFSC	Mount Baldy Ra	82.36 50 P	P 02 07 13.8 -0.9	
BFSC	comp=Z,240,SNR=9.3			
N02D	Trinity Center	82.36 42 P	P 02 07 14.2 -0.4	
N02D	comp=Z,237,SNR=9.3			
ORV	Oroville	82.38 44 eP	P 02 07 14.3 -0.2	
ORV	comp=Z,21nm,1.2s			
ORV	Oroville	82.38 44 eP	eP 02 07 14.3 -0.2	
ORV	comp=Z,21nm,1.2s	pmax	pmax	
MURC	Murrieta	82.39 51 P	P 02 07 14.4 -0.4	
MURC	comp=Z,21nm,1.2s			
AFDM	Forest Hills D	82.41 45 eP	P 02 07 14.1 -0.6	
AFDM	comp=Z,16nm,1.1s			
SRDT	SRDT	82.41 288 P	P 02 07 19.7 +4.5	
EDW2	Edwards Air Fo	82.42 49 P	P 02 07 14.5 -0.5	
EDW2	comp=Z,21,SNR=8.1			
ISA	Isabella, Lake	82.46 48 eP	P 02 07 14.7 -0.5	
ISA	comp=Z,26nm,1.0s			
ISA	Isabella, Lake	82.46 48 eP	eP 02 07 14.7 -0.5	
ISA	comp=Z,26nm,1.0s	pmax	pmax	
ISA	Isabella, Lake	82.46 48 P	P 02 07 14.8 -0.4	
ISA	comp=Z,26nm,1.0s			
M02C	Callahan	82.49 42 P	P 02 07 14.8 -0.4	
M02C	comp=Z,21,SNR=22			
XAN	Xi'an	82.55 310 pP	P 02 07 15.6 0.0	
XAN	comp=Z,29nm,0.9s	pP	pP 02 07 36.8 -1.1	
XAN	Xi'an	82.55 310 sP	sP 02 07 47.7 +0.7	
XAN	comp=Z,29nm,0.9s	pmax	pmax	
XAN	comp=Z,29nm,0.9s	pmax	pmax	
XAN	comp=Z,520nm,7.6s	LR	LR	
XAN	comp=Z,800nm,23.0s	LR	LR	
XAN	comp=Z,1um,25.1s	LR	LR	
XAN	comp=Z,2um,25.9s	LR	LR	
UTHA	Uthaltan	82.57 289 P	P 02 07 18.1 +2.1	
O03D	Payne Creek	82.57 43 P	P 02 07 15.0 -0.6	
O03D	comp=Z,238,SNR=8.1			
MONP2	Monument Peak	82.63 52 P	P 02 07 15.8 -0.5	
MONP2	comp=Z,242,SNR=9.8			
NANT	Nant	82.67 293 P	P 02 07 18.2 +1.7	
K02D	Willamette Mer	82.70 40 P	P 02 07 15.9 -0.4	
K02D	comp=Z,236,SNR=9.8			
IKP	In-Ko-Pah, Jac	82.75 52 P	P 02 07 16.6 -0.1	
IKP	comp=Z,242,SNR=5.9			
YBH	Yreka Blue Hor	82.77 42 P	P 02 07 17.8 +1.1	
YBH	comp=Z,21nm,1.1s,comp=Z,143,slow=7.9,SNR=5.9			
YBH	Yreka Blue Hor	82.77 42 eP	eP 02 07 17.8 +1.1	
YBH	comp=Z,21nm,1.1s,comp=Z,143,slow=7.9,SNR=5.9	pmax	pmax	
FRD	Ford Ranch, An	82.78 51 P	P 02 07 16.6 -0.2	
FRD	comp=Z,242,SNR=11			
J01D	Myrtle Point	82.80 40 P	P 02 07 16.5 -0.2	
J01D	comp=Z,236,SNR=9.8			
BRLK	Bradley Lake	82.88 16 eP	P 02 07 16.1 -0.6	
BRLK	comp=Z,27nm,1.3s			
SVW2	Sparrevoeh	82.90 14 eP	P 02 07 16.6 -0.1	
SVW2	comp=Z,29nm,1.3s			
PFO	Pinyon Flats O	82.94 51 eP	P 02 07 18.2 +0.4	
PFO	comp=Z,440nm,20.0s	LR	LR	
PFO	Pinyon Flats O	82.94 51 eP	eP 02 07 18.2 +0.4	
PFO	comp=Z,440nm,20.0s	pmax	pmax	
PFO	Pinyon Flats O	82.94 51 P	P 02 07 16.9 -0.9	
PFO	comp=Z,16nm,1.3s	MLR	MLR	
PFO	Pinyon Flats O	82.94 51 P	P 02 07 17.3 -0.4	
PFO	comp=Z,16nm,1.3s			
LRMC	Laurel Mtn Rad	82.94 49 P	P 02 07 17.3 -0.4	
LRMC	comp=Z,241,SNR=9.2			
XPFO	Pizon Flat	82.94 51 eP	P 02 07 18.2 +0.4	
XPFO	comp=Z,16nm,1.3s			
PHRA	Phrae	82.97 292 P	P 02 07 19.7 +1.6	
MDPB	Devils Postpil	83.02 47 eP	P 02 07 17.7 -0.6	
MDPB	comp=Z,236,SNR=9.8			
OMMB	Old Mammoth Is	83.06 47 eP	P 02 07 18.1 -0.5	
OMMB	comp=Z,35nm,1.3s			
HUMO	Hull Mountain	83.09 41 eP	P 02 07 19.0 +0.8	
HUMO	comp=Z,22nm,1.2s			
SUKH	Sukhothai	83.12 291 P	P 02 07 20.2 +1.4	
SWSC	Sam W. Stewart	83.12 52 P	P 02 07 17.8 -0.7	
SWSC	comp=Z,242,SNR=9.8			
CWC	Cottonwood Cre	83.12 48 eP	P 02 07 17.9 -0.8	
CWC	comp=Z,241,SNR=9.2			
WAKR	Walker	83.21 46 eP	P 02 07 18.9 -0.2	
WAKR	comp=Z,43nm,1.1s			
L04D	Klamath Falls	83.28 41 P	P 02 07 19.0 -0.4	
L04D	comp=Z,207,SNR=9.8			
BEKR	Beekworth	83.29 44 eP	P 02 07 18.8 -0.7	
BEKR	comp=Z,22nm,1.1s			
UMPA	Umpang Tak	83.33 290 P	P 02 07 23.5 +3.5	
M04C	Madoel	83.34 42 P	P 02 07 19.4 -0.2	
M04C	comp=Z,29nm,1.3s			
MPMC	Manual Prospec	83.35 49 P	P 02 07 19.4 -0.5	
MPMC	comp=Z,241,SNR=25			
DAC	Darwin (Calif)	83.39 48 eP	P 02 07 19.6 -0.5	
DAC	comp=Z,18nm,1.3s			
DAC	Darwin (Calif)	83.39 48 eP	eP 02 07 19.6 -0.5	
DAC	comp=Z,18nm,1.3s	pmax	pmax	
PNTR	Pine Nut	83.40 45 eP	P 02 07 19.7 -0.4	
PNTR				

GHO	Glory Hole Cre	85.10	16	eP	P	02 07 26.9	-1.1
HSIG	Neilto Loukou	85.15	57	eP	P	02 07 28.2	-0.7
NLWA	comp-Z,21nm,1.1s	85.22	36	eP	P	02 07 28.4	-0.4
NLWA	comp-Z,19nm,1.1s				LR		
SHPR	Sheep Range	85.22	49	eP	P	02 07 29.1	-0.3
DIV	Divide	85.43	18	eP	P	02 07 29.2	-0.4
E04D	Cinebar	85.49	38	P	P	02 07 30.0	-0.2
W13A	Hualapai Mount	85.51	51	eP	P	02 07 30.5	-0.4
G05D	Wamic, OR	85.51	39	P	P	02 07 30.0	-0.4
SCM	Sheep Creek Mo	85.57	17	eP	P	02 07 29.3	-1.1
SCM	Sheep Creek Mo	85.57	17	eP	P	02 07 29.3	-1.1
BMRM	Bremner River	85.64	18	eP	P	02 07 30.4	-0.3
BMN	Battle Mountai	85.65	45	eP	P	02 07 30.3	-1.1
BMN	Battle Mountai	85.65	45	eP	P	02 07 30.3	-1.1
BMN					pmax		
KLU	Klutina	85.68	17	eP	P	02 07 30.5	-0.4
WVOR	Wild Horse Val	85.72	43	eP	P	02 07 31.1	-0.5
WVOR	comp-Z,370nm,19.0s				LR		
WVOR	comp-Z,23nm,1.0s				pmax		
WVOR	comp-Z,370nm,19.0s				MLR		
CAST	Castle Rocks	85.73	14	eP	P	02 07 28.4	-2.6
D03D	Eldon	85.73	36	P	P	02 07 30.7	-0.7
F05D	White Salmon	85.77	38	P	P	02 07 31.3	-0.3
R11A	Troy Canyon, C	85.78	47	eP	P	02 07 31.3	-0.8
R11A	Troy Canyon, C	85.78	47	eP	P	02 07 31.3	-0.8
CRQM	Cirque	85.91	19	P	P	02 07 32.0	-0.2
G06A	Carlson Farm,	85.92	39	eP	P	02 07 31.6	-0.9
LON	Longmire	86.03	38	eP	P	02 07 32.6	-0.4
LON	Longmire	86.03	38	eP	P	02 07 32.6	-0.4
KTH	Kantishna Hill	86.11	14	eP	P	02 07 31.3	-1.7
PGC	Sidney	86.16	35	eP	P	02 07 33.8	+0.4
D05A	Enunclaw	86.17	37	eP	P	02 07 34.0	+0.5
TRF	Thorofore Moun	86.18	15	eP	P	02 07 32.1	-1.3
J08A	Circle Bar Ran	86.28	42	eP	P	02 07 34.4	0.0
BALM	Baldy	86.37	19	eP	P	02 07 33.3	-1.1
BALM	Baldy	86.37	19	eP	P	02 07 33.3	-1.1
RND	Reindeer	86.49	15	eP	P	02 07 33.6	-1.2
RND	Reindeer	86.49	15	eP	P	02 07 33.6	-1.2
A04D	Lummi Island	86.61	36	P	P	02 07 35.4	-0.2
TUC	Tucso	86.64	54	eP	P	02 07 36.5	+0.1
TUC	comp-Z,851nm,20.0s				LR		
TUC	comp-Z,24nm,1.1s				LR		
WRAK	Wrangell Islan	86.64	26	PFAKE	LR	02 07 50.0	+1.4
F07A	Phinny Hill Vi	86.69	39	eP	P	02 07 35.6	-0.5
B05A	Bryant	86.69	36	P	P	02 07 35.8	-0.3
MCK	McKinley	86.74	15	eP	P	02 07 35.5	-0.5
MCK	McKinley	86.74	15	eP	P	02 07 35.5	-0.5
MCK					pmax		
LCMT	Little Creek M	86.82	49	eP	P	02 07 37.5	+0.3
G08A	Pilot Rock	86.96	40	eP	P	02 07 36.9	-0.7
SYO	Syowa Base	86.97	194f	eP	P	02 07 35.8	-1.4
SYO	Syowa Base	86.97	194f	eP	P	02 07 35.8	-1.4
CCUT	Cedar City	86.98	49	eP	P	02 07 38.4	+0.4
PSUT	Pine Spring	87.07	48	eP	P	02 07 37.9	-0.6
E07A	Sunnyside	87.08	39	eP	P	02 07 38.8	-0.7
BESE	Bessie Mountai	87.13	23	eP	P	02 07 37.2	-0.8
KNB	Kanab	87.13	49	eP	P	02 07 39.3	+0.6
KNB	Kanab	87.13	49	eP	P	02 07 39.3	+0.6
HAWA	Hanford	87.18	39	eP	P	02 07 38.0	-0.5
HAWA	comp-Z,279nm,19.0s				LR		
LZH	Lanzhou	87.19	310	P	P	02 07 40.2	+1.2
LZH					pP	02 08 04.3	+2.8
LZH					sP	02 08 14.5	+4.0
LZH					PP	02 11 07.4	+3.2
LZH					SKS	02 17 57.8	-1.4
LZH					S	02 18 12.4	+0.3
LZH					sS	02 18 51.4	+0.8
LZH	comp-Z,150nm,1.4s				pmax		
LZH	comp-Z,11um,6.5s				LR		
LZH	comp-Z,11um,17.3s				LR		
LZH	comp-Z,2um,18.0s				LR		
SZCU	Shurtz Canyon	87.19	49	eP	P	02 07 40.1	+1.1
U15A	North Rim	87.26	50	eP	P	02 07 39.1	-0.4
MLY	Manley	87.42	14	eP	P	02 07 38.7	-0.6
319A	Douglas	87.42	56	eP	P	02 07 41.6	+1.4
MENT	Mentasta	87.46	17	eP	P	02 07 38.7	-0.8
E08A	Dider Farm, El	87.51	39	eP	P	02 07 40.3	+0.2
WUAZ	Wupatki	87.54	51	eP	P	02 07 41.1	+0.3
WUAZ					LR		
WUAZ	comp-Z,385nm,20.0s				pmax		
WRH	Wood River Hill	87.56	15	eP	P	02 07 38.6	-1.3
IM3	Indian Mountain	87.62	12	eP	P	02 07 38.8	-1.4
PKCU	Pink Cliffs	87.68	49	eP	P	02 07 42.6	+1.0
BMO	Blue Mountains	87.76	41	eP	P	02 07 40.6	-0.8
BMO	comp-Z,13nm,1.1s				LR		

CCB	Clear Creek Bu	87.78	15	eP	P	02 07 38.6	-2.3
HDA	Harding Lake	87.79	15	eP	P	02 07 39.9	-1.2
D08A	Wolman Farm	87.88	38	eP	P	02 07 41.4	-0.5
MDM	Murphy Dome	87.94	14	eP	P	02 07 39.8	-1.9
COLA	College	87.96	15	eP	P	02 07 40.5	-1.3
MFID	Camas Ranch	88.00	43	eP	P	02 07 42.0	-0.6
MTPU	Mount Pierson	88.03	49	eP	P	02 07 43.7	+0.5
E09A	Wood Farm, Sta	88.07	39	eP	P	02 07 42.3	-0.4
LLLB	Lillooet	88.09	34	eP	P	02 07 42.6	-0.2
ILAR	Eielson Array	88.11	15	P	P	02 07 40.1	-2.4
ILAR	comp-Z,10nm,1.0s,baz=227,slow=4.4,SNR=49				P		
ILAR	comp-Z,0.9nm,1.1s,baz=129,slow=1.3,SNR=5.0				LR		
ILAR	comp-Z,453nm,20.3s,baz=234,slow=31				LR	02 41 00.4	
ILB	Eielson Array	88.11	15	eP	P	02 07 39.9	-2.6
X18A	Snowflake	88.15	53	eP	P	02 07 44.3	+0.4
SCRK	Satellite Creek	88.21	17	eP	P	02 07 42.8	-0.4
MSU	Marysvale	88.24	48	eP	P	02 07 44.2	+0.2
MSU	Marysvale	88.24	48	eP	P	02 07 44.2	+0.2
B06A	Colville Reser	88.31	37	eP	P	02 07 43.3	-0.6
DUG	Dugway, Tooele	88.53	47	eP	P	02 07 44.7	-0.6
DUG	comp-Z,512nm,22.0s				eS	02 18 28.9	+4.1
DUG	comp-Z,512nm,22.0s				LR		
DUG	comp-Z,8.0nm,1.0s				pmax		
DUG	comp-Z,500nm,22.0s				MLR		
DUG	Dugway, Tooele	88.53	47	P	P	02 07 44.7	-0.6
W18A	Petrified Fore	88.59	52	eP	P	02 07 46.8	+1.0
W18A	Petrified Fore	88.59	52	eP	P	02 07 46.8	+1.0
HPIG	comp-Z,19nm,1.2s	88.63	61	eP	P	02 07 47.4	+1.3
BGU	Big Grassy Mou	88.71	46	eP	P	02 07 46.3	+0.2
DLBC	Dease Lake	88.92	25	eP	P	02 07 46.5	-0.1
NLU	North Lily Mtn	89.47	47	eP	P	02 07 47.8	+0.5
HLID	Hailey	88.98	43	eP	P	02 07 46.7	-0.6
HLID	comp-Z,12nm,1.0s				LR		
HLID	comp-Z,293nm,19.0s				LR		
HLID	Hailey	88.98	43	P	P	02 07 47.1	-0.2
121A	Cookes Peak, D	89.05	55	P	P	02 07 47.7	-0.3
HVU	Hansel Valley	89.25	45	eP	P	02 07 48.8	+0.1
TMUT	Trail Mountain	89.26	48	eP	P	02 07 49.2	+0.3
SPUT	South Promonto	89.27	46	eP	P	02 07 49.6	+0.9
MPU	Maple Canyon	89.27	47	eP	P	02 07 49.2	+0.4
COLD	Coldfoot	89.41	13	eP	P	02 07 48.6	0.0
CTU	Camp Tracy	89.48	46	eP	P	02 07 49.9	+0.1
NEW	Newport	89.54	38	LR	LR	02 42 28.5	
NEW	Newport	89.54	38	LR	LR	02 42 28.5	
NEW	comp-Z,19nm,1.1s				LR		
NEW	comp-Z,418nm,19.0s				LR		
NEW	comp-Z,241,SNR=11				LR		
DAWY	Dawson	89.57	18	eP	P	02 07 47.9	-1.6
EGAK	Eagle	89.61	17	eP	P	02 07 48.0	-1.6
EGAK	comp-Z,32nm,1.1s				LR		
JLU	Jordanelle	89.65	47	eP	P	02 07 50.3	-0.3
P17A	Butcher Ranch,	89.66	48	eP	P	02 07 51.3	+0.6
SRU	San Rafael Swe	89.66	48	eP	P	02 07 50.4	-0.3
SNA	Snae	89.72	180	P	P	02 07 49.0	-1.3
SNA	Snae	89.72	180	P	P	02 07 48.6	-1.7
SNA	Snae	89.72	180	eP	P	02 07 48.6	-1.7
SNA	comp-Z,17nm,1.2s				pmax		
SNA	comp-Z,17nm,1.2s				pmax		
ZAIG	Zacatecas	89.76	66	eP	P	02 07 52.3	+0.7
TCUT	Toone Canyon	89.89	46	eP	P	02 07 51.7	-0.1
NVL	N'azarevskaya	89.94	185	eP	P	02 07 50.6	-0.6
P18A	Preston Nutter	90.08	48	eP	P	02 07 52.4	-0.4
VNA3	Neumayer Olymp	90.08	178	P	P	02 07 50.7	-1.2
PV05	Paradox Valley	90.26	50	eP	P	02 07 54.1	+0.6
MVCO	Mesa Verde	90.35	51	P	P	02 07 53.6	-0.4
PV09	Paradox Valley	90.40	49	eP	P	02 07 54.2	-0.1
PV10	Paradox Valley	90.42	49	eP	P	02 07 53.7	-0.6
PV14	Lion Creek, Pa	90.43	49	eP	P	02 07 55.1	+0.8
PV19	Morning Glory	90.44	50	eP	P	02 07 54.6	+0.2
PV17	East Wry Mesa	90.44	50	eP	P	02 07 54.6	+0.2
VNA2	Neumayer-Watz	90.45	179	P	P	02 07 53.1	-0.6
PV20	West Nyswonger	90.46	49	eP	P	02 07 55.1	+0.7
PV18							

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VVCC, VYHS, VYHNS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PYL, PYLOS, MATE, AQU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOR1, TOR2, TOR3, etc.

13d 3h

THE 13 03:07:29.8, 34.88N, 24.17E, h6km, 1km, ML2.4/2, Error ellipse: s-maj=1.2km s-min=0.5km az=170.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gavdos, Gavdhos, VAMOS, SIVA, etc.

ISC/JB 13 03:17:14.7, 0.3, 24.18N, 0.1, 121.72E, 0.02, h9km, 2km, Error ellipse: s-maj=3.1km s-min=2.0km az=33.2

JMA 13 03:17:14.1, 0.1, 24.14N, 121.68E, h8km, 1km, ML2.1 TAP 13 03:17:14.2, 24.17N, 121.71E, h12km, ML2.9

ISC 13 03:17:14.3, 0.8, 24.16N, 0.02, 121.71E, 0.02, h12km, 6km, n62, c063/95, 14D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ninganchiao, Chiawan, Hwaiien, ENA, ENL, ENH, ENAH, etc.

2012 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Santiao Chiao, Yuli, Wufen Shan, Kuangyinshan, etc.

MEX 13 03:19:12.9, 0.5, 15.99N, 98.15W, h5km, MD3.9, Off coast

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

ISC/JB 13 03:20:26.0, 1.7, 10.28N, 0.03, 126.80E, 0.04, h7km, 11km, mb4.3/27, MS3.1/2, Error ellipse: s-maj=6.1km

MAN 13 03:20:26.4, 10.35N, 126.97E, h61km, mb5.2, ML4.2, MS4.4

NEIC 13 03:20:30.6, 2.5, 10.19N, 126.46E, h27km, 18km, mb4.6/12, Error ellipse: s-maj=13.8km s-min=5.4km az=81.0

IDC 13 03:20:31.6, 5.1, 10.25N, 126.54E, h32km, 38km, mb4.0/19, mb1.4/12, mb1mx3.9/56, mbtmp4.2/21, ML4.1/2, MS3.2/2, Ms1.3/2, ms1mx2.7/43, Error ellipse: s-maj=29.5km

s-min=11.0km az=86.0

ISC 13 03:29:6.0, 8.10, 25N, 0.04, 126.68E, 0.10, h20km, 8km, n74, c130/86, mb4.3/27, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Butuan, Borongan, Palo, Ormoc, Musuan, Cataman, Davao City, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA, WRI, USRK, AS31, AS31, ASAR, ASAR, AS01, KLR, SONA, SONM, SONA1, BBOO, STKA, PETK, PEK1, MKA1, MK31, MK32, MKAR, MKAR, MKAR, MKAR, ZAAO, ZAAO, ZALV, ZALV, ZAA1, ZAA1, KURK, KURK, KDKA, KDKA, KDKA, ILAR, ILAR, ILB, ARAO, ARAO, ARAO, VANDA, VANDA, NB200, NOA, NOA, LTX, LTX, TXAR, TXAR, TORO, TORO, TOA1, TOA1, PLCA, PLCA

DDA 13 03:35:33.1, 37.20N, 43.77E, h5km, ML3.1

ISN 13 03:35:35.0, 0.6, 36.54N, 43.95E, h0km, 2km, ML2.4

ISK 13 03:35:36.9, 37.37N, 43.56E, h5km, ML2.8/10, Error ellipse: s-maj=34.3, 1.9, 37.21N, 0.08, 43.78E, 0.04, h0km, 13km, n19, c1520/28, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HAKKARI, HAKKARI, YOVA, YOVA, YOVA, SIRT, SIRT, SIRT, SIRT, GEVA, GEVA, TVAN, TVAN, SRMT, SRMT, GURCO, GURCO, CLDR, CLDR, BTMN, BTMN, SVAN, SVAN, SVAN, MARD, MARD, MARD, MAZI, MAZI, SVRC, SVRC, PTK, PTK, URFA, URFA

UCR 13 03:37:44.8, 1.4, 9.58N, 85.79W, h12km, 8km, MD4.2, ML2.9, 2C-5D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VCR, VCR, JTS, JTS, CUI, CUI, MESS, MESS, SRA1, SRA1, QCR1, QCR1, HDC, HDC, LCR2, LCR2, URSC, URSC, CVTR, CVTR, TRT1, TRT1, MGAN, MGAN, COPN, COPN, BOAB, BOAB, MOMI, MOMI, ESPN, ESPN, CNGN, CNGN, MATN, MATN, MATN, CRIN, CRIN, ESTN, ESTN

ISC/JB 13 03:44:31.5, 1.0, 6.15S, 0.2, 152.9E, 0.2, h33km, mb3.8/9, Error ellipse: s-maj=30.2km s-min=10.2km az=42.9

IDC 13 03:44:34.0, 0.6, 6.15S, 152.97E, h41km, 49km, mb3.6/9, mb1.3/10, mb1mx3.6/42, mbtmp3.9/10, ML2.4/1, Error ellipse: s-maj=47.7km s-min=23.2km az=111.0

ISC 13 03:44:32.8, 1.3, 6.15S, 0.2, 153.0E, 0.2, h33km, n11, c059/12, mb3.8/9, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VCR, VCR, JTS, JTS, CUI, CUI, MESS, MESS, SRA1, SRA1, QCR1, QCR1, HDC, HDC, LCR2, LCR2, URSC, URSC, CVTR, CVTR, TRT1, TRT1, MGAN, MGAN, COPN, COPN, BOAB, BOAB, MOMI, MOMI, ESPN, ESPN, CNGN, CNGN, MATN, MATN, MATN, CRIN, CRIN, ESTN, ESTN

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PLAI Plampang, WBSI Waikabubak, KPIJ Karang Pucung, etc.

UCR 13 05:15:06.6:5.5, 12.40N:90.22W, h10km, 4.4km, ML3.5, 2D, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SBLs San Blas, COLS Colinas, SNJE San Jose, etc.

UCR 13 05:23:50.6:1.5, 10.02N:86.00W, h8km, MD4.1, ML3.1, 1C-2D, Off coast of Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like VCR Vista de Mar, NY14 Universidad de, GBS3 Finca Las Im, etc.

NEIC 13 05:41:16.2:0.6, 10.69N:126.07E, h35km, mb4.5/5, Error ellipse: s-maj=27.1km s-min=8.6km az=82.0

NEIC Felt (II PIVS) at Surigao, Mindanao. MAN 13 05:41:19.6, 10.55N:126.14E, h15km, mb5.0, ML3.9, MS4.0

IDC 13 05:41:31.2:2.0, 10.46N:126.10E, h140km, 20km, mb3.7/18, mb1 3.8/21, mb1mx3.7/44, mbtmp4.1/21, MS3.6/4, Ms1 3.6/4, ms1mx3.7/48, Error ellipse: s-maj=20.1km s-min=10.3km az=74.0

ISC 13 05:41:15.9:1.6, 10.51N:126.00E, h7km, 10km, ns1, c12515/7, mb4.2/2, 4C-1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BE5P Borongan, BE5P Palo, MSLP Maasin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like DAV Davao City (W), MATI Mati, RCPV Roxas, etc.

SJA 13 05:45:05.1:0.7, 23.76S:66.74W, h229km, 11km, ML2.5, MW2.5

ISCJB 13 05:45:07.0:5.2, 23.78S:0.06:66.91W:0.04, h200km, Error ellipse: s-maj=8.3km s-min=4.0km az=23.8

GUC 13 05:45:09.4:0.3, 23.56S:67.37W, h244km, 9km, ML3.7

ISC 13 05:45:07.4:1.2, 23.79S:0.06:66.87W:0.04, h200km, n16, c0959/28, 2C-1D, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HUA Humahuaca, HJA Hija, SLA San Lorenzo, etc.

BUI 13 05:54:42.8, 9.83N:127.22E, h23km, mb5.3/84, mb5.2/53, Ms4.7/84, Ms4.4/5.7/9

ISCJB 13 05:54:44.3:0.7, 10.33N:102.127:02E:0.02, h1km, 4km, mb5.4/278, MS4.2/51, Error ellipse: s-maj=3.3km s-min=2.7km az=11.4

IDC 13 05:54:45.4:0.3, 10.23N:126.96E, h0km, mb5.3/41, mb5.1/346, mb1mx3.5/40, mbtmp3.3/46, Ms1 3.6/5, Ms4.1/30, Ms1.4/30, ms1mx4.0/50, Error ellipse: s-maj=12.5km s-min=7.8km az=80.0

MAN 13 05:54:47.0, 10.47N:127.12E, h37km, mb5.6, ML4.7, MS5.0

NEIC 13 05:54:49.0:1.0, 10.24N:126.94E, h23km, 7km, mb5.4/143, Error ellipse: s-maj=3.8km s-min=2.6km az=79.0

NEIC Felt (III PIVS) at Surigao, Mindanao. MOS 13 05:54:48.6:1.1, 10.30N:126.94E, h31km, mb5.6/64, MS4.3/11, Error ellipse: s-maj=7.6km s-min=4.4km az=113.2

GCMT 13 05:54:49.0:0.2, 10.33N:102.127:02E:0.01, h12km, MW5.1/101, Moment Tensor Solution. s61, c82; s101, c168; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=5.07z=12; Mo=1.12e11; Mo=3.95e11; Mo=1.55e36; Mw=3.78z=09; Mo=0.58z=31; Best double cut: Mw=14200x1016 NIP: 1306.000000, 851.000000, 118.000000; NPZ: 165.000000, 847.000000, 1.61.000000; Principal axes: 1. 6.560, P1g2.00000; Azm55.00000; N -0.8870, Pz121.00000; Azm324.00000; P -5.6990, P1g9.00000, Azm150.00000; nsta: 1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 13 05:54:52.4:0.4, 10.24N:127.04E:0.03, h45km, 3km, Ms3.6/5, mb5.4/65, mb5.7/37, Mw(MB)5.3/37, Mwp5.9/1

ISC 13 05:54:49.0:0.5, 10.24N:103:127:04E:0.03, h24km, 3km, Error ellipse: s-maj=12.0km s-min=4.3km az=37.6

UCR 13 05:46:12.8:1.3, 13.74N:90.97W, h20km, 7km, ML4.1, mb4.2(NEIC)

NEIC 13 05:46:13.4:0.7, 14.02N:91.02W, h65km, 9km, mb4.2/10, Error ellipse: s-maj=13.3km s-min=5.7km az=216.0

NEIC Felt at Mixco. IDC 13 05:46:13.0:2.0, 13.90N:91.08W, h68km, 16km, mb3.6/3, mb1 3.9/6, mb1mx3.5/42, mbtmp3.9/6, MS3.1/6, Ms1 3.1/6, ms1mx2.9/31, Error ellipse: s-maj=21.8km s-min=12.6km az=30.0

ISC 13 05:46:12.8:1.1, 13.93N:108.9104W:0.07, h60km, 11km, n64, c1922/71, mb4.0/6, 1C, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like IXC Ixpac, APG El Apazote, APG 91nm, RTR El Retiro, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SBLs San Blas, SBLJ San Jose, UNIC Santa Ana, etc.

UCR 13 05:15:06.6:5.5, 12.40N:90.22W, h10km, 4.4km, ML3.5, 2D, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SBLs San Blas, COLS Colinas, SNJE San Jose, etc.

UCR 13 05:23:50.6:1.5, 10.02N:86.00W, h8km, MD4.1, ML3.1, 1C-2D, Off coast of Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like VCR Vista de Mar, NY14 Universidad de, GBS3 Finca Las Im, etc.

NEIC 13 05:41:16.2:0.6, 10.69N:126.07E, h35km, mb4.5/5, Error ellipse: s-maj=27.1km s-min=8.6km az=82.0

NEIC Felt (II PIVS) at Surigao, Mindanao. MAN 13 05:41:19.6, 10.55N:126.14E, h15km, mb5.0, ML3.9, MS4.0

IDC 13 05:41:31.2:2.0, 10.46N:126.10E, h140km, 20km, mb3.7/18, mb1 3.8/21, mb1mx3.7/44, mbtmp4.1/21, MS3.6/4, Ms1 3.6/4, ms1mx3.7/48, Error ellipse: s-maj=20.1km s-min=10.3km az=74.0

ISC 13 05:41:15.9:1.6, 10.51N:126.00E, h7km, 10km, ns1, c12515/7, mb4.2/2, 4C-1D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BE5P Borongan, BE5P Palo, MSLP Maasin, etc.

h24km: pP-P, n932, r1f49/1010, mb5.4/277, MS4.2/54,

45C-38D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, S, Smax, Smax. Includes stations like BUTP Butuan, BHPH Bislig, MSLP Maasin, etc.

Table with columns: S, Smax, Smax. Includes stations like SSE comp=Z,50nm,0.7s, SSE comp=Z,260nm,3.5s, SSE comp=Z,410nm,11.4s, etc.

Table with columns: KMI, LR, LR, 06 03 33.0+0.4, etc. Includes stations like LWLI Liwa, SUKH Sukthohai, KRAB Krabi, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GYA0B, BKZ, AB31, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like VRH, EATA, ARTV, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AKKU, MCGM, MINK, etc.

SSPA	Standing Stone	124.38	23	P	PKPdf	06 13 45.9	-0.5
SS1A	Beattyville	124.40	29	P	PKPdf	06 13 46.2	-0.3
Y46A	Houston	124.42	36	P	PKPdf	06 13 46.1	-0.6
MCWV	Mont Chateau	124.43	25	P	PKPdf	06 13 46.5	-0.1
056A	Blue Knob Stat	124.43	24	P	PKPdf	06 13 46.1	-0.5
X47A	Russellville	124.54	35	P	PKPdf	06 13 46.2	-0.7
W48A	Pulaski	124.60	34	P	PKPdf	06 13 46.4	-0.6
244A	Avery, Jackson	124.60	39	P	PKPdf	06 13 47.9	+0.8
SS2A	Salversville	124.61	29	P	PKPdf	06 13 46.0	-1.0
V49A	McMinnow	124.68	33	P	PKPdf	06 13 45.9	-1.3
145A	Houston Renfro	124.68	38	P	PKPdf	06 13 47.6	+0.3
U50A	James Renfro	124.73	31	P	PKPdf	06 13 47.4	+0.1
T51A	Gray	124.76	30	P	PKPdf	06 13 47.0	-0.2
HRV	Adam Dzewonski	124.82	17	P	PKPdf	06 13 47.5	+0.3
Z46A	Louisville	124.86	37	P	PKPdf	06 13 48.0	+0.4
N59A	State Game Lan	124.92	21	P	PKPdf	06 13 47.9	+0.5
344A	Westbrook Farm	124.97	40	P	PKPdf	06 13 48.2	+0.4
W49A	Belvidere	124.97	33	P	PKPdf	06 13 47.5	-0.2
Y47A	UPCAR, Winfie	124.99	36	P	PKPdf	06 13 47.3	-0.5
PMSA	Palmer Station	124.99	174	PKP	PKPdf	06 13 46.3	-0.4
245A	Little Ap, Sta	125.10	39	P	PKPdf	06 13 49.6	+1.5
T52A	Hallie	125.11	29	P	PKPdf	06 13 49.2	+1.2
V50A	Pikeville	125.17	32	P	PKPdf	06 13 47.7	-0.4
U51A	La Follette	125.18	31	P	PKPdf	06 13 48.2	+0.1
146A	Union	125.19	37	P	PKPdf	06 13 48.3	+0.1
TZTN	Tazewell	125.28	30	P	PKPdf	06 13 47.7	-0.6
Y48A	Jasper	125.37	35	P	PKPdf	06 13 48.1	-0.4
Z47A	Carrollton	125.37	36	P	PKPdf	06 13 49.7	+1.2
X49A	Woodville	125.39	34	P	PKPdf	06 13 47.6	-0.9
W50A	Signal Mountai	125.42	33	P	PKPdf	06 13 48.6	-0.1
V51A	Loudon	125.46	31	P	PKPdf	06 13 48.2	-0.5
PAL	Palisades	125.47	19	P	PKPdf	06 13 47.2	-1.3
U52A	Thorn Hill	125.49	30	P	PKPdf	06 13 48.7	-0.1
Z48A	Northport	125.54	36	P	PKPdf	06 13 48.7	-0.1
147A	Livingston	125.63	37	P	PKPdf	06 13 49.7	+0.6
W51A	Cleveland	125.74	32	P	PKPdf	06 13 49.6	+0.4
X50B	Fort Payne	125.80	33	P	PKPdf	06 13 49.0	-0.4
V52A	Sevierville	125.81	31	P	PKPdf	06 13 49.1	-0.3
Y49A	Blount Mountai	125.83	34	P	PKPdf	06 13 48.2	-1.2
247A	Quitman	125.87	38	P	PKPdf	06 13 50.4	+0.9
U53A	Fall Branch	125.90	30	P	PKPdf	06 13 49.8	+0.3
148A	Greensboro	126.06	36	P	PKPdf	06 13 50.1	+0.3
LRAL	Lakeview Retre	126.11	36	P	PKPdf	06 13 49.7	-0.3
W52A	Murphy	126.23	32	P	PKPdf	06 13 49.4	-0.8
Z49A	Columbiana	126.26	35	P	PKPdf	06 13 49.6	-0.6
V53A	Saluda	126.34	30	P	PKPdf	06 13 50.7	+0.3
248A	Dixon Mills	126.36	37	P	PKPdf	06 13 50.5	+0.1
347A	Saraland	126.38	38	P	PKPdf	06 13 51.4	+1.0
149A	Jones	126.55	36	P	PKPdf	06 13 51.1	+0.3
Z50A	Ashland	126.56	35	P	PKPdf	06 13 51.1	+0.2
W53A	Cullowhee	126.56	31	P	PKPdf	06 13 51.3	+0.3
X52A	Dahlonega	126.63	32	P	PKPdf	06 13 51.4	+0.5
CBN	Corbin Frederi	126.68	24	P	PKPdf	06 13 51.5	+0.7
R58B	Mineral	126.68	25	P	PKPdf	06 13 50.9	0.0
249A	Camden	126.81	37	P	PKPdf	06 13 51.6	+0.3
Z51A	Franklin	126.92	34	P	PKPdf	06 13 51.7	+0.1
150A	Eclectic	126.98	35	P	PKPdf	06 13 51.1	-0.5
X53A	Estanollee	127.01	31	P	PKPdf	06 13 51.8	+0.1
Y52A	Liburn	127.11	33	P	PKPdf	06 13 52.1	+0.2
349A	Repton	127.21	37	P	PKPdf	06 13 50.8	-1.3
V54A	Monroe	127.32	32	P	PKPdf	06 13 52.9	+0.6
BRAL	Brewton	127.43	37	P	PKPdf	06 13 53.5	+1.0
151A	Opelika	127.43	35	P	PKPdf	06 13 51.9	-0.6
Z52A	Williamson	127.43	33	P	PKPdf	06 13 53.4	+0.9
KMSC	Kings Mountain	127.48	29	P	PKPdf	06 13 52.8	+0.3
152A	Waverly Hall	127.66	34	P	PKPdf	06 13 53.3	+0.3
350A	Dozier	127.67	36	P	PKPdf	06 13 54.0	+1.0
251A	Midway	127.71	35	P	PKPdf	06 13 53.6	+0.6
GOGA	Godfrey	127.77	33	P	PKPdf	06 13 53.5	+0.4
Z53A	Monticello	127.82	33	P	PKPdf	06 13 53.6	+0.4
Y54A	Tignall	127.83	31	P	PKPdf	06 13 53.1	-0.1
252A	Lumpkin	128.16	35	P	PKPdf	06 13 54.6	+0.7
Z54A	Sparta	128.24	32	P	PKPdf	06 13 54.5	+0.5
253A	Americus	128.45	34	P	PKPdf	06 13 55.1	+0.7
155A	Kite	128.91	32	P	PKPdf	06 13 55.9	+0.6
KIC	Kosan Boka	129.23	287	ePKIKP	PKPdf	06 13 56.8	+0.4
DBIC	Dimbokro	129.24	287	PKP	PKPdf	06 13 57.2	+0.8
TBIC	Toumoudi	129.40	287	ePKIKP	PKPdf	06 13 57.0	+0.3
LIC	Lamto	129.54	287	ePKIKP	PKPdf	06 13 57.2	+0.2
PLCA	Paso Flores	145.87	156	PKPbc	PKPab	06 14 27.5	+0.3
SJG	San Juan	148.97	25	ePKPbc	PKPbc	06 14 36.5	-0.7
SJG	San Juan	148.97	25	ePKIKP	PKPbc	06 14 32.5	+0.6
SJG	Monteria, Cord	150.54	51	e	PKPbc	06 14 36.5	-0.1
TRQA	Torquist	151.14	165	ePKPbc	PKPbc	06 14 35.3	+0.5

TRQA	Torquist	151.14	165	ePKPbc	PKPbc	06 14 41.0	-0.2
TRQA	Torquist	151.14	165	ePKPbc	PKPbc	06 14 42.0	+0.5
TRQA	Torquist	151.14	165	ePKPbc	PKPbc	06 14 35.3	+0.5
TRQA	Torquist	151.14	165	e	PKPbc	06 14 41.0	-0.2
TRQA	Torquist	151.14	165	e	PKPbc	06 14 49.3	-0.6
TRQA	Torquist	151.14	165	e	PKPbc	06 14 39.0	-2.6
OTAV	Otavallo	152.59	69	ePKPbc	PKPbc	06 14 39.4	+1.2
OTAV	Otavallo	152.59	69	ePKPbc	PKPbc	06 14 56.4	+0.3
OTAV	Otavallo	152.59	69	ePKPbc	PKPbc	06 14 36.1	-2.2
OTAV	Otavallo	152.59	69	ePKIKP	PKPbc	06 14 39.4	+1.2
HORO	Saladito	152.77	61	ePKPbc	PKPbc	06 14 31.6	-6.7
HORO	Saladito	152.77	61	ePKPbc	PKPbc	06 14 41.1	+1.0
comp-Z, 1nm, 0.9s, baz=263, slow=2, SNR=7.0							
CPUP	Villa Florida	163.47	166	PKP	PKPbc	06 14 51.0	+0.5
comp-Z, 10nm, 0.9s, baz=263, slow=2, SNR=20							
CPUP	La Paz	164.01	114	PKP	PKPbc	06 15 42.3	+0.8
comp-Z, 2.0nm, 1.1s, baz=201, slow=3.4, SNR=5.7							
LPZA	La Paz	164.01	114	PKP	PKPbc	06 14 53.4	+1.3
comp-Z, 12nm, 1.1s, baz=314, slow=1.2, SNR=18							
LPZA	La Paz	164.01	114	PKPbc	PKPab	06 15 47.4	+2.0
comp-Z, 8.2nm, 0.9s, baz=282, slow=2, SNR=8.1							
SAML	Samuel	169.84	84	ePKPbc	PKPbc	06 14 55.7	0.0
SAML	Samuel	169.84	84	ePKIKP	PKPbc	06 14 55.7	0.0
BDFB	Brasilia	172.79	221	PKP	PKPbc	06 14 56.9	-0.4
comp-Z, 8.3nm, 1.1s, baz=284, slow=1.3, SNR=8.0							

Buj 13 05:58:00.5, 59.30N, 153.74W, h97km, mb4.77, mB5.1/3
ISCJBJ 13 05:58:02.0, 0.2, 59.64N, 153.74W, h97km, mb4.77, mB5.1/3
h115km, 2km, mb4.4/16, Error ellipse: s-maj=3.6km
s-min=2.5km az=141.4
IDC 13 05:58:01.7, 1.1, 59.64N, 153.74W, h88km, 12km, mb4.2/12,
mb1.4/16, mb1mx3.9/54, mbtmp4.5/16, Error ellipse:
s-maj=13.5km s-min=3.9km az=103.0
NEIC 13 05:58:04.2, 0.0, 59.62N, 153.71W, h104km, mb4.2/1,
MW4.0, ML4.0(AEIC), Moment Tensor Solution, s19
RED Moment tensor: Mw: 1.015; M0: 7.4; M1: 1.5;
M2: 0.4; M3: 0.3; M4: 0.3; M5: 0.3; Best double couple:
M1: 1.400000, 10105 N1P1, 0.315, 0.000000, 851, 0.000000,
1.145, 0.000000, NP2: 0.69, 0.000000, 864, 0.000000, 4.5, 0.000000,
Principal axes: T: 1.4200, P1g50.0000, Azm288.0000; N
-0.1600, P1g39.0000, Azm93.0000; P: -1.2600,
P1g8.0000, Azm188.0000; After AEIC.
NEIC Felt at Anchor Point and Kodiak.
ISC 13 05:58:03.7, 0.6, 59.61N, 153.74W, h105km, mb4.6/16, Southern Alaska

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
AUL	Augustine Lava	0.26	210	P	05 58 18.8	+0.2
AUL	Augustine Lava	0.26	210	S	05 58 30.3	+0.5
AUE	Augustine Isla	0.27	202	P	05 58 18.8	0.0
AUW	Augustine West	0.28	212	P	05 58 18.8	+0.1
AUI	Augustine Isla	0.30	205	S	05 58 32.0	+0.1
ILIM	Iliamna	0.49	13	P	05 58 19.9	0.0
MNCL	McNeil River	0.73	235	P	05 58 21.7	-0.1
HOM	Homier	0.78	86	P	05 58 22.6	+0.4
HOM	Homier	0.78	86	S	05 58 37.3	+1.2
RED	Redoubt Volcan	0.84	14	S	05 58 36.8	-0.5
RDWB	Redoubt West	0.90	11	P	05 58 23.1	-0.4
RDWB	Redoubt West	0.90	11	S	05 58 37.8	-0.7
RDN	Redoubt North	0.93	13	P	05 58 23.7	-0.1
CNPM	China Poot	0.99	94	S	05 58 23.9	-0.4
RDJH	Redoubt Jeurge	1.00	11	S	05 58 24.3	-0.3
RDJH	Redoubt Jeurge	1.00	11	S	05 58 40.0	-0.4
DFR	Drift River	1.02	14	S	05 58 24.4	-0.3
DFR	Drift River	1.02	14	S	05 58 40.5	-0.1
RDT	Redoubt	1.04	21	S	05 58 18.7	-0.4
BRLK	Bradley Lake	1.17	81	P	05 58 25.7	-0.6
BRLK	Bradley Lake	1.17	81	S	05 58 42.5	-1.0
KACH	Katmai Hardscr	1.35	225	P	05 58 28.3	-0.1
KAWH	Katmai	1.49	215	P	05 58 30.0	-0.1
KAKN	Katmai Knife C	1.64	217	P	05 58 31.8	-0.1
KAKN	Katmai Knife C	1.64	217	S	05 58 47.0	-0.4
SPCR	Spurr Chakacha	1.67	16	P	05 58 32.0	-0.3
SPCN	Spurr Chakachata	1.70	16	P	05 58 32.4	-0.1
SPBG	Spurr Blockage	1.71	13	P	05 58 32.8	0.0
KABU	Katmai Buttes	1.73	220	P	05 58 32.3	+0.2
SPCR	Spurr Crater Peak Br	1.74	220	P	05 58 33.1	-0.1
SPWN	Spurr North Nagish	1.78	18	P	05 58 33.6	-0.1
SPCG	Spurr Capps GI	1.78	18	P	05 58 33.5	-0.2
ANCK	Angle Creek	1.86	221	P	05 58 34.8	+0.2
KDAA	Kodiak Island	1.86	170	P	05 58 33.3	-1.2
172nm, 0.3s, baz=266, slow=8.0, SNR=5615						
KDAA	Kodiak Island	1.86	170	S	05 58 56.3	-1.7
342nm, 0.3s, baz=122, slow=23, SNR=38						
KDAA	Kodiak Island	1.86	170	LR	05 59 14.9	
KDAA	Kodiak Island	1.86	170	P	05 58 33.4	-1.1
CAHL	Cahto	1.91	216	P	05 58 35.5	+0.2
SVW2	Sparrevohn	1.91	322	P	05 58 34.6	-0.6
SVW2	Sparrevohn	1.91	322	S	05 58 58.4	-1.0
CNCT	Contact Creek	1.94	227	P	05 58 35.8	0.0
KJL	Kejuik	2.00	220	P	05 58 36.7	+0.3
RIB	Rabbit Island	2.15	42	P	05 58 42.6	0.6
SUA	Susitna One	2.22	32	P	05 58 39.5	+0.3
RC01	Rabbit Creek A	2.27	48	P	05 58 39.4	-0.3
OHAK	Old Harbor	2.39	181	P	05 58 39.0	-2.4
PTE	Portage	2.42	57	P	05 58 41.6	-0.2

SKHL 13 06:17:56.4:1.4,45.04N:152.01E,h33km,mb4.1/2,East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like KUR Kuril'sk, KUR 24nm,0.4s, KUR 29nm,0.4s, etc.

IDC 13 06:22:48.5:1.1,11.05S:113.72E,h0km,mb3.7/6, mb1.4/0.6,mb1mx3.7/38,mbtmp3.6/6,MS3.2/1,Ms1.3/2.1,ms1mx2.6/35,Error ellipse: s-maj=69.2km s-min=17.6km az=52.0

DJA 13 06:22:50.0:1.0,11.1S:111.1E,h21km,18km,M4.0/4,MLv4.0/4

ISC/JB 13 06:22:51.2:0.8,10.91S:0.05:113.87E:0.07,h33km,mb3.8/6,MS3.1/1,Error ellipse: s-maj=170.9 s-min=6.7km az=170.9

ISC 13 06:22:53.7:0.9,10.88S:0.08:113.94E:0.07,h35km,n16,r156/20,mb3.8/6,South of Java

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like IGBI Denpasar, IGBI Jajag, IGBI Banyuwya, etc.

NEIC 13 06:32:07.4:0.0,17.97N:103.39W,h9km,mb4.3/1,MD4.0(MEX),After MEX.

MEX 13 06:32:07.4:0.6,17.97N:103.39W,h9km,3km,MD4.0, Near coast of Michoacan

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

IDC 13 06:42:36.6:1.7,2.87N,127.09E,h0km,mb3.8/5,mb1.3/9.5,mb1mx3.6/40,mbtmp3.8/5,Error ellipse: s-maj=169.3km s-min=19.3km az=66.0,Northern Molucca Sea

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

IDC 13 06:52:04.1:0.8,10.34N:126.42E,h0km,mb3.9/10,mb1.4/1.0,mb1mx3.8/38,mbtmp3.9/10,MS3.2/2,Ms1.3.2/2,ms1mx2.7/23,Error ellipse: s-maj=39.5km s-min=16.3km az=74.0

MAN 13 06:52:07.2,10.39N:126.50E,h15km,mb4.8,ML3.7,MS3.7

ISC 13 06:52:04.5:2.6,10.32N:0.04:126.52E:0.07,h5km,16km,n22,r130/29,mb3.9/10,2C-1D,Philippine Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like BUTP Butuan, BUTP Maasin, MSLP Borongan, etc.

GUC 13 07:34:12.1:0.6,22.29S:68.03W,h196km,10km,ML3.7,5C,Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like PB06 IPOC Station P, PB03 IPOC Station P, PB07 IPOC Station P, etc.

BUI 13 08:01:38.2,26.81N:53.38E,h10km,mb4.6/14,mb4.7/8,Ms4.3/4,Ms7.4/0.3

THR 13 08:01:42.2:0.5,26.71N:54.01E,h36km,7km,ML4.3

IDC 13 08:01:43.8:0.7,27.01N:54.03E,h0km,mb4.2/2.1,mb1.4/3.24,mb1mx3.2/43,mbtmp4.2/24,ML3.7/2,MS3.6/10,Ms1.3.6/10,ms1mx2.2/49,Error ellipse: s-maj=17.3km s-min=13.2km az=175.0

NEIC 13 08:01:43.0:0.0,26.83N:53.86E,h18km,mb4.4/2.1,ML4.3(THR),MN4.3(TEH),After TEH.

DSN 13 08:01:44.9:1.5,27.39N:53.96E,h15km,ML4.5/9,Error ellipse: s-maj=17.7km s-min=6.2km az=179.0

MOS 13 08:01:47.3:1.1,27.01N:53.97E,h33km,mb4.6/17,Error ellipse: s-maj=8.4km s-min=5.8km az=93.0

TEH 13 08:01:47.5:2.7,14N:54.06E,h20km,ML4.2

OMAN 13 08:01:48.7:1.4,27.13N:53.78E,h33km,Error ellipse: s-maj=15.6km s-min=5.9km az=10.0

ISC 13 08:01:45.8:1.2,26.99N:0.03:53.95E:0.03,h7km,9km,n20,r157/0/224,mb4.4/46,MS3.6/12,7C-2D,Southern Iran

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like NIAN comp=Z,0.0nm,0.7s, NIAN comp=N,0.0nm,0.7s, ASUD AI Ashush, Dub, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like KRSH, TABS, KHMZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like PDGK, BRVK, MLR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like RES, FITZ, ILAR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MAKZ, MK01, MK31, MKAR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CD2, KMI, KMI, KMI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KIC, TIC, LIC, COLDF, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like ARO 13:08:22:04.5, 11'6N, 02:43'0E, etc.

ATH 13:08:35:27.2, 38'77N-27'77E, h11km, 2km, ML3, 1/8, Error ellipse: s-maj=3.0km s-min=1.3km az=287.0

ISCJBA 13:08:35:28.0, 4.38'66N, 0:02:27'78E, 0:02:28.8km az=164.2

DDA 13:08:35:28.4, 38'67N-27'80E, h7km, ML3, 5 Error ellipse: s-maj=2.0km s-min=0.5km az=54.0

ISC 13:08:35:28.4, 0.8, 38'67N, 0:02:27'78E, 0:02:28.8km, 6km, n54, c08175, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like GOMA, AKHS, AKS, etc.

ISCJB 13 09:20:06.8:0.9, 11.00S:0.06:113.90E:0.07, h33km, mb3.8/6, Error ellipse: s-maj=12.4km s-min=7.2km az=159.9

IDC 13 09:20:06.8:2.8, 10.54S:114.29E, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.7/35, mbtmp3.7/7, ML3.4/1, Error ellipse: s-maj=110.3km s-min=20.4km az=50.0

DJA 13 09:20:07.8:0.8, 11.5:5:11.4E:1, h10km, M4.1/6, MLV4.1/6

ISC 13 09:20:08.8:1.1, 11.00S:0.09:113.93E:0.09, h35km, n16, az=14/17, mb3.8/6, South of Jawa

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

NIED 13 09:24:00.37:20N:141.30E, h35km, Mw3.4 Best double couple: M0:1.49000x10^14 N1:0.420000x10^18, delta.000000, lambda.78.000000, NP2:0.210.000000, g72.000000, lambda.94.000000

JMA 13 09:24:45.7:0.1, 37.24N:141.30E, h36km, m1.1km, M3.5, Near east coast of eastern Honshu

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

ISCJB 13 09:31:37.0:0.4, 23.90N:0.03:122.62E:0.02, h17km, 4km, Error ellipse: s-maj=4.4km s-min=2.5km az=166.4

JMA 13 09:31:38.1:0.1, 24.00N:122.59E, h32km, 4km, M2.4

TAP 13 09:31:38.1, 23.93N:122.53E, h20km, ML2.8, D

ISC 13 09:31:38.8:1.3, 23.91N:0.03:122.60E:0.02, h19km, 4km, n57, az=57/79, 1C, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TWF1 baz=242, JKRS Kuro-shima, YHNB Yehung, etc.

GUC 13 09:39:27.6:0.6, 22.59S:68.92W, h114km, gkm, ML3.5, 7C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PB06 IPOC Station P, PB03 IPOC Station P, etc.

ISCJB 13 09:55:53.1:0.6, 9.95S:0.05:116.17E:0.05, h33km, mb3.7/4, MS2.8/1, Error ellipse: s-maj=9.1km s-min=5.1km az=39.6

DJA 13 09:55:54.6:0.5, 10.5:4:11.6E:1, h10km, M4.0/8, MLV4.0/8

IDC 13 09:56:00.4:4.9, 0.07S:116.97E, h4km, 42km, mb3.4/4, mb1 3.4/5, mb1mx3.1/4, mbtmp3.6/6, MS2.9/1, Ms1 2.9/1, ms1mx2.2/3/1, Error ellipse: s-maj=48.3km s-min=15.0km az=45.0

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

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SIRR S-rnak, SRTM Siirt_Merkez, GURO Guroymak-BITLI, etc.

GUC 13 10:00:09.1:0.5, 33.55S:70.04W, h14km, 3km, ML3.3

SJA 13 10:00:11.2:0.7, 33.53S:70.00W, h24km, 4km, ML3.1, MW3.6

ISC 13 10:00:08.8:1.1, 33.56S:0.03:70.05W:0.03, h6km, 11km, n14, az=93/27, 2C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like FCH Farellones, LMEL Las Melosas, ANTU Antumapu, etc.

IDC 13 10:13:00.7:5.0, 2.67S:154.61E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.3/32, mbtmp3.4/2, Error ellipse: s-maj=247.4km s-min=53.6km az=118.0, North of Solomon Islands

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

IDC 13 10:30:56.9:2.1, 3.52S:151.34E, h0km, mb3.3/3, mb1 3.7/3, mb1mx3.4/32, mbtmp3.4/32, MS3.1/7, Ms1 3.1/7, ms1mx2.9/15, Error ellipse: s-maj=180.4km s-min=29.6km az=125.0, New Ireland region

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

SOME 13 11:15:25.9, 40.95N:80.02E, h10km

KRNET 13 11:15:26.8:0.1, 40.98N:79.99E, mb2.5

ISC 13 11:15:31.0:2.1, 41.11N:0.09:79.93E:0.06, h10km, n21, az=170/41, 8C-8D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PRZ Przelw'sk, SHLS Shaode, UZB Uzunbulak, etc.

13d 12h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like BMO Blue Mountains, VSR Storozhevo, VORD Divnogorie, etc.

2012 SEP

Main table of station data for September 2012. Columns include Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like BELC Belle Mtn, MONPZ Monument Peak, etc.

840

Table of station data for the 840 MHz band. Columns include Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like MNBS Baschi, ARXS Arthary, etc.

Error ellipse: s-maj=10.4km s-min=6.8km az=71.0
ISC 13 12:29:16.3,0.5,6.24S,0.04,123.29E,0.06,h35km,n66,
az206/62,mb4.4/18,MS3.2/6,Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like BBSI, BBSI, BBSI, etc. with their respective coordinates and times.

Table with columns: JRY, MAT, MAT, NEMZ, NEMZ, JTKR, JTKR. Lists stations like Matsushiro, Nemuro 2, Abashiri-Toko with coordinates and times.

SOME 13 12:51:59.1,44.25N,81.58E,h10km
NNC 13 12:52:00.5,1.3,44.35N,81.52E,h0km,mb2.7,mpv2.3
Error ellipse: s-maj=22.0km s-min=4.8km az=121.0
ISC 13 12:51:58.5,2.0,44.09N,80.07,81.83E,0.10,h30km,16km,
n10,r121/17,4C-10,Northern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DJR, DJR, PDGG, PDGG, etc. with their respective coordinates and times.

IDC 13 12:58:10.8,1.0,10.71S,113.85E,h0km,mb4.1/13,
mb1.4/2.14,mb1mx4.0/30,mbtmp4.1/14,ML3.6/1,MS3.1/1,
Ms1.3.1/1,ms1mx2.6/24,Error ellipse: s-maj=35.8km
s-min=15.2km az=57.0
ISC/JB 13 12:58:13.6,0.0,10.88S,0.06,113.73E,0.06,h33km,
mb4.1/13,Error ellipse: s-maj=8.0km s-min=7.9km
az=174.7
DJA 13 12:58:16.4,1.1,11.1S,15.11E,h36km,50km,M4.5/12,
ML4.5/12

ISC 13 12:58:15.3,0.7,10.86S,0.08,113.74E,0.06,h35km,n27,
az198/26,mb4.2/13, South of Jawa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JAGI, JAGI, IGBI, IGBI, etc. with their respective coordinates and times.

IDC 13 12:59:13.4,0.8,10.78S,113.70E,h0km,mb4.1/12,
mb1.4/2.13,mb1mx4.1/13,mbtmp4.1/13,ML3.8/1,MS3.1/4,
Ms1.3.1/4,ms1mx2.9/23,Error ellipse: s-maj=31.9km
s-min=15.4km az=58.0
ISC/JB 13 12:59:15.4,0.0,10.7S,0.1,113.8E,0.2,h25km,mb4.1/12,
MS3.1/3,Error ellipse: s-maj=25.6km s-min=11.6km
az=143.7
ISC 13 12:59:17.2,0.8,10.8S,0.1,113.8E,0.2,h25km,n15,
az083/13,mb4.2/12,MS3.0/3, South of Jawa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like LEM, LEM, FITZ, FITZ, etc. with their respective coordinates and times.

Table with columns: BOSA, Boshof, Keskin Array B. Lists stations with coordinates and times.

MOS 13 13:18:12.8,0.7,50.55N,157.74E,h39km,mb4.2/1,Error
ellipse: s-maj=24.8km s-min=5.2km az=85.2
KRSC 13 13:18:13.5,1.6,50.76N,157.68E,h16km,21km,ML3.8
ISC 13 13:18:13.3,0.0,50.66N,157.68E,0.06,h27km,20km,
n44,r116/69,1C,Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like PAU, PAU, PAU, etc. with their respective coordinates and times.

IDC 13 13:22:11.0,0.0,10.7S,113.8E,h0km,mb4.1/13,
mb1.4/2.14,mb1mx4.0/30,mbtmp4.1/14,ML3.6/1,MS3.1/1,
Ms1.3.1/1,ms1mx2.6/24,Error ellipse: s-maj=35.8km
s-min=15.2km az=57.0
ISC/JB 13 12:58:13.6,0.0,10.88S,0.06,113.73E,0.06,h33km,
mb4.1/13,Error ellipse: s-maj=8.0km s-min=7.9km
az=174.7
DJA 13 12:58:16.4,1.1,11.1S,15.11E,h36km,50km,M4.5/12,
ML4.5/12

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DAL, DAL, DAL, etc. with their respective coordinates and times.

NEIC 13 13:33:59.7,0.0,16.47N,98.42W,h25km,MD4.0(MEX),
After MEX
MEX 13 13:33:59.7,0.0,16.47N,98.42W,h25km,12km,MD4.0,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like PNIG, PNIG, PNIG, etc. with their respective coordinates and times.

IDC 13 13:51:51.0,1.3,36.00N,164.63E,h0km,mb3.7/5,
mb1.4/1.7,mb1mx3.6/48,mbtmp3.8/7,ML3.8/2,MS2.9/5,
Ms1.2.9/5,ms1mx2.6/46,Error ellipse: s-maj=112.8km
s-min=19.2km az=150.0
KRSC 13 13:51:52.1,1.6,55.90N,164.66E,h6km,22km,ML4.5
MOS 13 13:51:54.0,0.9,55.93N,164.54E,h5km,mb4.0/4,Error
ellipse: s-maj=8.2km s-min=5.1km az=50.5
ISC 13 13:51:52.5,1.7,55.93N,0.03,164.59E,0.14,h16km,12km,
n101,r1160/163,mb3.8/6,1C-2D,Komandorsky Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like BKR, BKR, BKR, etc. with their respective coordinates and times.

JMA 13 12:33:27.6,36.11N,137.37E,h11km,M2.5,Eastern
Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JGN, JGN, JGN, etc. with their respective coordinates and times.

JMA 13 12:49:48.1,0.2,38.03N,144.43E,h47km,M3.6,Off east
coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like OFUJ, OFUJ, OFUJ, etc. with their respective coordinates and times.

Table with columns: Call Sign, Frequency, Mode, Band, and other parameters. Includes stations like BDR, SRKR, ZLN, MYK, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Band, and other parameters. Includes stations like ASAJ, ERM, KLD, KDKA, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Band, and other parameters. Includes stations like YM07, YM01, TATO, etc.

Table with columns: MATB, Ma-tsu, 2.31 305 eP, Pn, 14 18 09.8 -1.1, etc. Includes stations like WWUC, Tarama, Sandimen, etc.

Table with columns: NTST, Danshui, 0.57 304 eP, Pg, 14 20 24.7 +1.3, etc. Includes stations like Sanguang, NSK, WLTB, etc.

Table with columns: WLTB, baz=262, eS, Sn, 14 25 30.8 -2.2, etc. Includes stations like NNS, NNSB, NCU, etc.

ISC/JB 13 14:20:12.8:0.4,24:83N:0.02:121.98E:0.02,h4km,3km, Error ellipse: s-maj=3.4km s-min=2.6km az=171.9

TAP 13 14:25:08.0,24:84N:121.99E,h9km,ML3,3,B ISC/JB 13 14:25:08.0,24:83N:0.01:122.02E:0.01,h1km,2km, Error ellipse: s-maj=2.4km s-min=2.3km az=155.5

JMA 13 14:25:08.8,24:84N:121.92E,h30km,ML2,7 ISC 13 14:25:07.9,0.6,24:84N:0.02:121.98E:0.02,h14km,5km, Error ellipse: s-maj=19.00/145,27C-3D,Taiwan

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, etc. Lists stations like EGS, NTC, TWB1, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, etc. Lists stations like EGS, NTC, TWB1, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, etc. Lists stations like WLTB, NNS, NNSB, etc.

13d 15h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like WDJT, EAST, ACST, VCHM.

SOME 13 14:33:31.7, 41.38N, 80.20E, h15km
KRNET 13 14:33:33.1, 0.1, 41.66N, 80.59E, mb2.9
NINC 13 14:33:35.4, 2.9, 41.62N, 80.49E, h0km, mb3.4, mpv3.1,

Main table of station data for the 13d 15h period, listing various stations and their parameters.

NINC 13 14:38:06.0, 5.4, 37.14N, 69.75E, h0km, mb3.6, mpv3.2,
6C-2D, Error ellipse: s-maj=41.3km s-min=35.0km
az=177.0, Afghanistan-Tajikistan border region

Table of station data for the NINC 13 14:38:06.0 event, including stations like SFK, MNAS, UCH, MK31, KK31.

2012 SEP

Summary table for 2012 SEP with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res.

IDC 13 14:38:55.5, 3.4, 10.12N, 125.94E, h0km, mb3.3/3,
mb1 3.5/3, mb1mx3.2/4, mbtmp3.3/3, Error ellipse:
s-maj=278.5km s-min=26.9km az=65.0, Leyte

Table of station data for the IDC 13 14:38:55.5 event, including stations like WRA, ASAR, MKAR.

DJA 13 14:58:30.9, 1.5, 11.5S, 9.14E, h10km, M3.6/3,
MLV3.6/3, South of Jawa

Table of station data for the DJA 13 14:58:30.9 event, including stations like TWSI.

IDC 13 15:04:44.1, 1.5, 3.48N, 92.77E, h0km, mb3.4/6, mb1 3.7/9,
mb1mx3.5/43, mbtmp3.6/9, ML3.8/3, MS2.4/1, Ms1 2.4/1,
ms1mx2.3/33, Error ellipse: s-maj=44.8km s-min=19.3km
az=50.0

NEIC 13 15:04:45.0, 0.4, 3.46N, 92.73E, h10km, mb4.6/5, Error
ellipse: s-maj=9.9km s-min=5.2km az=37.0
ISCJB 13 15:04:46.4, 0.5, 3.46N, 0.05:92.80E, 0.04, h33km,
mb3.8/9, Error ellipse: s-maj=8.1km s-min=5.1km az=23.4
DJA 13 15:04:53.1, 1.0, 3.1N, 4.9, 3E, h10km, M4.4/7, mb4.5/3,
MLV4.3/7

ISC 13 15:04:47.9, 0.7, 3.39N, 0.07:92.81E, 0.06, h35km, n41,
c:2500/43, mb4.0/9, Off west coast of northern Sumatera

Table of station data for the IDC 13 15:04:44.1 event, including stations like BSI, SNSI, TPTI, LHMI, KCSI, GSI, GSI, PSI, PSI, PPSI, PBA, PALK, PALK, MNAI, CMAR, HMDH, H08S2, H08S3, H08S1, H01W3, H01W2, H01W1, MK01, MK31, MK32, MKAR, KK31, KKRK, MAK2, SONAO, SONMI, WRA, ASAR, AS31, ZALV, ZALV, ZAA1, BVAR.

IDC 13 15:21:27.6, 1.6, 0.61S, 132.79E, h0km, mb3.4/2,
mb1 3.6/4, mb1mx3.4/34, mbtmp3.4/4, ML3.4/2, Error
ellipse: s-maj=25.1km s-min=17.1km az=6.0
DJA 13 15:21:31.9, 0.5, 1.5S, 13.3E, h10km, M3.5/7, mb3.4/1,
MLV3.5/7

ISCJB 13 15:21:32.3, 1.0, 0.44S, 0.08:132.62E, 0.06, h33km,
mb3.4/2, Error ellipse: s-maj=12.9km s-min=7.9km
az=24.2

ISC 13 15:21:32.5, 1.1, 0.61S, 0.09:132.69E, 0.06, h33km, n10,
c:1559/13, Irian Jaya region

Table of station data for the IDC 13 15:21:27.6 event, including stations like SIJI, SWI, RPKPI, FAKI, MSAI, LBMI, FITZ, WRA, ASAR, MKAR.

SOME 13 15:22:53.7, 3.4, 20.2N, 83.33E, h25km
NINC 13 15:22:53.7, 3.4, 20.2N, 83.01E, h0km, mb2.8, mpv2.5,

Table of station data for the SOME 13 15:22:53.7 event, including stations like WRA, ASAR, MKAR.

844

Error ellipse: s-maj=37.9km s-min=9.9km az=118.0
ISC 13 15:22:55.7, 2.4, 44.21N, 0.09:83.3E, 0.1, h24km, n12,
c:1560/21, 3C-6D, Northern Xinjiang

Table of station data for the Error ellipse event, including stations like KTMS, DJR, DJR, MK31, MK31, MAKZ, MAKZ, PDGK, PDGK, SHLS, SHLS, KAPS, KAPS, UZB, UZB, MNBS, MNBS, SATY, SATY, CHHK, CHHK, KTBS, KTBS.

NEIC 13 15:27:15.7, 0.0, 16.22N, 98.48W, h5km, MD4.0(MEX),
After MEX.

MEX 13 15:27:15.7, 0.4, 16.22N, 98.48W, h5km, 3km, MD4.0, Near
coast of Guerrero

Table of station data for the NEIC 13 15:27:15.7 event, including stations like PNIG, PNIG, TLIG, TLIG, VHO, VHO, VHO, VHO, CAIG, CAIG, CAIG, CAIG, MEIG, MEIG, MEIG, MEIG, HUIG, HUIG, HUIG, HUIG, HUIG, HUIG, YAIG, YAIG, YAIG, YAIG, ARIG, ARIG, ARIG, ARIG, LVIG, LVIG.

TAP 13 15:52:00.9, 24.84N, 121.95E, h10km, ML2.0, 4C, B,
Taiwan

Table of station data for the TAP 13 15:52:00.9 event, including stations like EGS, EGS, NTC, NTC, TWB1, TWB1, TIPB, TIPB, ILA, ILA, TWC, TWC, NWF, NWF, WFSB, WFSB, TWE, TWE, SLBB, SLBB, EOS1, EOS1, TWA, TWA, ENTT, ENTT, ENAH, ENAH, NWT, NWT, TATO, TATO, YM07, YM07.

Table with columns: IZAR, comp-Z, 9.9nm, 0.8s, IAMB, IAMB, 17 33 46.0, etc. Lists various astronomical objects and their coordinates.

Table with columns: ISA, comp-Z, 2.0nm, 0.8s, Isabella, Lake, 77.72 55 P, etc. Lists astronomical objects with names like Isabella, Lake, Teton Pass, etc.

Table with columns: ULM, comp-Z, 8.4nm, 0.8s, baz=317, slow=8.2, SNR=7.4, 17 34 02.2 +1.0, etc. Lists astronomical objects with names like Lac du Bonnet, Big Chuckawall, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like VTS Vitohsa, GEC2 GEREH Array S, ARS Azberg, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like K36A Gilmore City, CBK5 Cedar Bluff, E42A Chamion, etc.

Table with columns for station ID, name, coordinates, and other details. Includes stations like TUL1 Leonard, P42A Winchester, Q41A Truxton, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like 478A Bowling Green, R50 Paris, WVT Waverly, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like COLD Coldfoot, SUMG Summit, IM3 Indian Mountain, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like YSS comp=N,200nm,16.0s, ABKAR Akbulak array, VRH Novokhopovsk, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like BUJ 13:23:42.3, 83.10N, 116:62E, h6km, mb4.7/24, mb5.1/18, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like KLU Klutina, ZALV Zalesovo Beam, BRKL Bradley Lake, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like KWP Kalwaria Pacia, KWP Kalwaria Pacia, DPC Dobruska-Polom, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KECS, TRPA, KHC, KASPERSKA HORY, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like NEW Newport, MJAR Matsushiro Arr, LZH Lanzhou, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like RSSD Black Hills, BUKO Buck Lake, TPAW Teton Pass, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, Time, Residual, Azimuth Rate Error, Elevation Rate Error, Station ID Error, Time Error, Residual Error, Azimuth Rate Error Error, Elevation Rate Error Error, Station ID Error Error, Time Error Error, Residual Error Error.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, Time, Residual, Azimuth Rate Error, Elevation Rate Error, Station ID Error, Time Error, Residual Error, Azimuth Rate Error Error, Elevation Rate Error Error, Station ID Error Error, Time Error Error, Residual Error Error.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, Time, Residual, Azimuth Rate Error, Elevation Rate Error, Station ID Error, Time Error, Residual Error, Azimuth Rate Error Error, Elevation Rate Error Error, Station ID Error Error, Time Error Error, Residual Error Error.

SONM Sogingo Array 130.23 355 PKP PKPdf 18 32 58.8 +3.4
WRA Warramunga Arr 142.90 239 PKP PKPdf 18 33 20.9 +1.5
FITZ Fitzroy Crossi 151.03 225 PKP PKPbc 18 33 36.9 -1.9
CMAR Chiang Mai Arr 159.64 6 PKP PKPdf 18 33 48.5 +3.9

NMC 13 18:19:45.0-4.7, 37.69N, 171.47E, h0km, mb3.5, mpv3.1, 5C-3D, Error ellipse: s-maj=35.9km s-min=28.7km az=165.0, Afghanistan-Tajikistan border region

Code Station Name Az AZZ Phase ID Time Res ISC
SFK Sufi-Kurgan 2.81 34 Op Pn 18 21 31.9 +0.4
SFK 2.7nm, 0.3s
MNAS 14nm, 0.4s 4.86 9 P Pn 18 20 59.4 -0.1
MNAS 1.6nm, 0.3s

IDC 13 18:36:59.4-2.7, 34.25S, 177.69E, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.7/29, mbtmp3.8/3, ML3.5/1, MS4.2/1, MS1 4.2/1, ms1mx2.9/32, Error ellipse: s-maj=62.4km s-min=40.4km az=63.0, North of New Zealand

Code Station Name Az AZZ Phase ID Time Res ISC
URZ Urewera 4.03 187 P Pn 18 38 02.1 -0.2
URZ 3.0nm, 0.3s, baz=24, slow=0.9, SNR=2
PMG Port Moresby 37.35 304 LR LR 18 58 10.3
ASAR Alice Springs 39.48 274 P P 18 44 31.5 -0.3

ISCJB 13 18:39:50.0-0.8, 13.47N, 107.120E, 0.1, h148km, 7km, mb3.0/3, Error ellipse: s-maj=21.7km s-min=10.8km az=166.7

IDC 13 18:39:49.1-4.7, 13.09N, 120.75E, h106km, 119km, mb2.8/3, mb1 3.1/3, mb1mx2.8/42, mbtmp3.2/3, Error ellipse: s-maj=198.4km s-min=28.0km az=34.0

MAN 13 18:39:50.1, 13.50N, 120.82E, h144km, mb3.9, ML2.7, MS2.3

ISC 13 18:39:50.7-1.1, 13.49N, 107.120E, 0.1, h141km, 9km, n10, c183/15, mb3.1/3, 1D, Mindoro

Code Station Name Az AZZ Phase ID Time Res ISC
TGY Tagaytay City 0.62 11 P Pn 18 40 11.2 -0.7
TGY 105nm, 0.3s, baz=228, slow=16, SNR=11
TGY 133nm, 0.3s, baz=8.3, slow=17, SNR=15

THE 13 18:40:08.3, 39.69N, 23.25E, h13km, 1km, ML2.2/4, Error ellipse: s-maj=1.7km s-min=0.5km az=135.0

ATH 13 18:40:07.2, 39.67N, 23.25E, h29km, 1km, ML2.1/9, Error ellipse: s-maj=1.8km s-min=1.0km az=142.0, Aegean Sea

Code Station Name Az AZZ Phase ID Time Res ISC
XOR Xorichti 0.31 188 P Pn 18 40 14.3 -0.4
XOR 0.3nm, 0.3s, baz=228, slow=16, SNR=11
XOR comp=N, 837um, 0.3s

HORT comp=E, 157um, 0.4s AML AML 18 40 39.7
HORT comp=N, 82um, 0.2s AML AML 18 40 25.6 +0.7
HRT Horitiatis 0.93 353 P Pn 18 40 25.5 +0.3

BUC 13 18:41:16.3-0.3, 45.72N, 27.14E, h23km, 2km, MD2.7/3, 25C-16D, Error ellipse: s-maj=5.8km s-min=3.6km az=36.0, Romania

Code Station Name Az AZZ Phase ID Time Res ISC
PETR Petresti 0.07 88 Op Pn 18 41 21.3 +0.5
PETR Horitiatis 0.07 88 Op Pn 18 41 21.3 +0.5
PETR Petresti 0.07 88 Op Pn 18 41 21.3 +0.5

ISCJB 13 18:48:43.6-0.5, 11.09S, 0.09, 162.73E, 0.09, h35km, mb4.2/19, MS3.8/13, Error ellipse: s-maj=13.5km s-min=11.2km az=41.2

NEIC 13 18:48:49.1-1.6, 11.08S, 162.64E, h68km, 14km, mb4.3/3, Error ellipse: s-maj=12.1km s-min=8.8km az=116.0

IDC 13 18:48:50.0-2.6, 11.13S, 162.65E, h78km, 21km, mb3.9/17, mb1 4.0/19, mb1mx3.9/31, mbtmp4.2/19, MS3.7/15, Ms1 3.7/15, ms1mx3.5/38, Error ellipse: s-maj=17.4km s-min=13.7km az=95.0

ISC 13 18:48:45.0-0.6, 11.18S, 0.09, 162.87E, 0.09, h35km, n34, c157/29, mb4.3/19, MS3.7/13, Bougainville-Solomon Islands region

Code Station Name Az AZZ Phase ID Time Res ISC
HNR Honiara 3.36 301 P Pn 18 49 35.7 +0.6
HNR 68nm, 0.3s, baz=166, slow=1.5, SNR=30
HNR 71nm, 0.3s, baz=144, slow=1.9, SNR=4

SONM Sogingo Array 77.13 325 P P 19 01 35.0 -0.1
MAW Mawson 83.53 202 P P 19 01 08.9 -0.1
ILAR Eielson Array 84.56 19 P P 19 01 13.2 -1.0

NIED 13 19:03:00.29, 30N, 130.60E, h20km, Mw4.1 Best double count: M1, 82000, 1015 NP1, 230, 00000, 182, 00000, 1, 114, 00000, NP2, 230, 00000, 879, 00000, 1, 85, 00000, ISCJB 13 19:03:10.2-0.6, 29.28N, 0.03, 130.80E, 0.07, h53km, 5km, mb3.8/11, MS3.6/2, Error ellipse: s-maj=10.9km s-min=3.6km az=22.6

JMA 13 19:03:10.7-0.1, 29.34N, 130.64E, h67km, 3km, M3.8, IDC 13 19:03:11.2-0.7, 29.34N, 130.65E, h37km, 5km, mb3.6/11, mb1 3.9/15, mb1mx3.7/37, mbtmp3.9/15, ML3.6/3, MS3.1/5, Ms1 3.2/5, ms1mx2.8/56, Error ellipse: s-maj=18.7km s-min=7.5km az=81.0

ISC 19-03-01.1-0.6, 29.30N, 0.04, 130.72E, 0.07, h40km, 6km, n33, c1508/48, mb3.8/11, Ryukyu Islands

Code Station Name Az AZZ Phase ID Time Res ISC
JNN Nanakoshima 0.91 306 P Pn 19 03 27.0 -0.4
JYAK Yakushimahirau 0.95 349 P Pn 19 03 27.8 -0.1
JYAK JYAK eS Pn 19 03 49.1 +1.6
JMTN Minamitane 1.10 8 S S 19 03 29.0 -0.2

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

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MURC	Murrieta	74.11	48	P	P	21 27 44.7	0.0
BFSO	Mount Baldy Ra	74.11	47	P	P	21 27 44.5	-0.4
EDW2	Edwards Air Fo	74.22	46	P	P	21 27 45.4	0.0
MONP2	Monument Peak	74.30	49	P	P	21 27 46.2	+0.1
ISA	Isabella, Lake	74.31	45	eP	P	21 27 46.3	+0.4
ISA	Isabella, Lake	74.31	45	P	P	21 27 45.7	-0.2
CMB	Columbia Colle	74.34	42	eP	P	21 27 45.9	-0.1
CMB	Columbia Colle	74.34	42	eP	P	21 27 45.9	-0.1
IKP	In-Ko-Pah, Jac	74.40	49	P	P	21 27 46.7	+0.2
QSPA	South Pole Qui	74.45	180	eP	P	21 27 47.1	+0.8
WDC	Whiskeytown Da	74.47	39	eP	P	21 27 46.9	+0.3
FRD	Ford Ranch, An	74.48	48	eP	P	21 27 47.0	+0.1
AFDM	Forest Hills D	74.49	41	eP	P	21 27 46.9	+0.1
ORV	Oroville	74.51	41	eP	P	21 27 46.8	-0.1
ORV	Oroville	74.51	41	eP	P	21 27 46.8	-0.1
N02D	Trinity Center	74.61	39	P	P	21 27 47.6	+0.1
PFO	Pinyon Flats O	74.64	48	eP	P	21 27 48.2	+0.3
PFO	Pinyon Flats O	74.64	48	eP	P	21 27 48.2	+0.3
PFO	Pinyon Flats O	74.64	48	eP	P	21 27 47.9	0.0
XPFO	Pionon Flat	74.64	48	eP	P	21 27 48.2	+0.3
LRMC	Laurel Mtn Rad	74.75	46	P	P	21 27 48.6	+0.1
O03D	Paynes Creek	74.76	40	P	P	21 27 48.1	-0.2
M02C	Callahan	74.78	38	P	P	21 27 49.1	+0.7
SWSC	Sam W. Stewart	74.78	49	P	P	21 27 48.7	+0.2
KSRS	Korea Array	74.80	317	P	P	21 27 50.0	+1.4
L02D	Cave Junction	74.80	37	P	P	21 27 49.0	+0.5
KSAR	Wonju Array Be	74.82	317	P	P	21 27 50.0	+1.3
KSAR	Wonju Array Be	74.82	317	P	P	21 27 50.0	+1.3
KS01	Wonju Array Si	74.83	317	eP	P	21 27 48.8	+0.1
CWC	Cottonwood Cre	74.99	45	P	P	21 27 49.9	0.0
OMMB	Old Mammoth Mi	75.02	43	eP	P	21 27 50.6	+0.4
YBH	Yreka Blue Hor	75.07	38	eP	P	21 27 50.8	+0.8
YBH	Yreka Blue Hor	75.07	38	eP	P	21 27 50.0	-0.1
YBH	Yreka Blue Hor	75.07	38	eP	P	21 27 50.0	-0.1
K02D	Willamette Mer	75.09	37	P	P	21 27 50.4	+0.2
BELC	Belle Mtn. Jos	75.17	48	P	P	21 27 51.0	-0.1
MPMC	Manupal Prospe	75.19	45	P	P	21 27 51.0	-0.1
TIN	Tinemaha, Big	75.22	44	P	P	21 27 51.3	+0.2
WAKR	Walker	75.22	42	eP	P	21 27 51.6	+0.4
J01D	Myrtle Point	75.23	36	P	P	21 27 51.1	+0.3
GSC	Goldstone, Bar	75.27	46	eP	P	21 27 51.7	+0.3
GSC	Goldstone, Bar	75.27	46	eP	P	21 27 51.7	+0.3
GSC	Goldstone, Bar	75.27	46	eP	P	21 27 51.1	-0.2
HEC	Hector Ludlow	75.35	47	P	P	21 27 51.7	-0.2
BC3	Big Chuckawall	75.38	48	P	P	21 27 52.4	+0.3
BEKR	Beckworth	75.41	41	eP	P	21 27 52.5	+0.3
PNTR	Pine Nut	75.45	42	eP	P	21 27 53.1	+0.6
HUMO	Hull Mountain	75.45	37	P	P	21 27 53.1	+0.9
GLA	Glamis	75.54	49	eP	P	21 27 53.2	+0.4
GLA	Glamis	75.54	49	eP	P	21 27 53.3	+0.4
GLA	Glamis	75.54	49	P	P	21 27 53.4	+0.5
KDAK	Kodiak Island	75.55	13	P	P	21 27 52.5	+0.2
KDAK	Kodiak Island	75.55	13	eP	P	21 27 52.3	0.0
KDAK	Kodiak Island	75.55	13	eP	P	21 27 52.3	0.0
L04D	Klamath Falls	75.60	38	P	P	21 27 53.2	+0.1
M04C	Macdoel	75.62	39	P	P	21 27 53.2	-0.1
YERR	Yerington	75.62	42	eP	P	21 27 53.8	+0.4
GRAC	Grapevine Rang	75.78	45	P	P	21 27 54.5	+0.3
GMRC	Granite Mounta	75.81	47	P	P	21 27 54.3	-0.2
FURC	Furnace Creek,	75.84	45	P	P	21 27 54.7	+0.3
IRM	Iron Mountain	75.86	48	P	P	21 27 54.6	0.0
I02D	Swissome	75.87	36	P	P	21 27 54.4	0.0
RYN	Ryan	75.89	43	eP	P	21 27 55.2	+0.3
I03D	Drain, OR	75.90	36	P	P	21 27 54.7	+0.1
NV01	Mina Array Sit	75.92	43	eP	P	21 27 55.0	-0.2
NVAR	Mina Array Bea	75.92	43	eP	P	21 27 55.2	0.0
PAHR	Pah Rah Range	75.93	41	eP	P	21 27 55.5	+0.4
NV11	Mina Array Sit	76.02	43	eP	P	21 27 55.8	+0.1
Y12C	Blythe	76.10	49	eP	P	21 27 56.7	+0.7
Y12C	Blythe	76.10	49	P	P	21 27 56.3	+0.3
113A	Mohawk Valley,	76.18	50	eP	P	21 27 56.6	+0.2
USRK	Ussuriysk Ar.	76.25	324	P	P	21 27 57.6	+1.0
J04D	Umpqua Nationa	76.33	37	P	P	21 27 57.2	-0.1
KVN	Kaiserville	76.40	43	eP	P	21 27 57.7	-0.1
KVN	Kaiserville	76.40	43	eP	P	21 27 57.7	-0.1
I04A	Tendick Farm,	76.49	37	P	P	21 27 57.7	-0.3
214A	Organ Pipe Nat	76.50	51	P	P	21 27 58.7	+0.4
TPNV	Topopah Spring	76.51	45	eP	P	21 27 58.5	+0.1
TPNV	Topopah Spring	76.51	45	eP	P	21 27 58.5	+0.1
TPNV	Topopah Spring	76.51	45	eP	P	21 27 58.4	-0.1
MOD	Modoc Plateau	76.62	39	eP	P	21 27 58.9	0.0

PDMCI	Parker Dam,Lak	76.65	48	P	P	21 27 59.2	+0.2
K05A	Summer Lake	76.74	38	eP	P	21 27 60.0	+0.3
H04D	Lebanon	76.75	36	P	P	21 27 59.5	+0.1
J05D	Fort Rock, OR	76.87	38	P	P	21 28 00.5	+0.3
G03D	McMinnville, O	76.88	35	P	P	21 28 00.2	+0.2
SHPR	Sheep Range	77.03	46	eP	P	21 28 01.6	+0.3
H04A	Detroit Lake	77.16	36	eP	P	21 28 01.4	-0.3
W13A	Hualapai Mount	77.23	48	eP	P	21 28 02.7	+0.2
PINE	Pine Mountain	77.34	37	eP	P	21 28 03.3	+0.4
I05D	Terrebonne, OR	77.44	37	eP	P	21 28 03.0	-0.2
CNPM	China Poot	77.44	12	eP	P	21 28 02.8	-0.1
E03A	Lebanon	77.55	34	eP	P	21 28 04.2	+0.5
R11A	Troy Canyon, C	77.69	44	P	P	21 28 04.6	-0.3
BMN	Battle Mountai	77.72	42	eP	P	21 28 05.0	0.0
BMN	Battle Mountai	77.72	42	eP	P	21 28 05.0	0.0
BRLL	Bradley Lake	77.73	13	eP	P	21 28 04.5	0.0
WVOR	Wild Horse Val	77.94	39	eP	P	21 28 06.2	+0.1
WVOR	Wild Horse Val	77.94	39	eP	P	21 28 06.2	+0.1
G05D	Wamic, OR	77.99	36	P	P	21 28 06.1	-0.1
SVW2	Sparrevoehn	78.09	10	eP	P	21 28 05.6	-0.8
E04D	Cinebar	78.10	34	P	P	21 28 06.8	+0.1
TUC	Tucson	78.19	52	eP	P	21 28 07.6	-0.1
TUC	Tucson	78.19	52	eP	P	21 28 07.6	-0.1
TUC	Tucson	78.19	52	P	P	21 28 08.1	+0.5
F05D	White Salmon	78.30	35	P	P	21 28 07.8	-0.1
G06A	Carlson Farm,	78.37	36	eP	P	21 28 08.0	-0.4
D03D	Eldon	78.42	33	P	P	21 28 08.7	+0.2
J08A	Circle Bar Ran	78.56	39	eP	P	21 28 09.8	+0.3
NJ2	Nanjing	78.57	308	eP	P	21 28 10.8	+1.2
LCMT	Little Creek M	78.62	46	eP	P	21 28 10.4	+0.4
D05A	Enumclaw	78.80	34	eP	P	21 28 11.4	+0.9
CCUT	Cedar City	78.80	46	eP	P	21 28 11.6	+0.5
KNB	Kanab	78.91	47	eP	P	21 28 12.3	+0.6
KNB	Kanab	78.91	47	eP	P	21 28 12.3	+0.6
319A	Douglas	78.92	53	eP	P	21 28 12.4	+0.7
PGC	Sidney	78.94	32	eP	P	21 28 11.5	+0.3
PSUT	Pine Summit	78.95	45	eP	P	21 28 11.8	0.0
U15A	North Rim	79.00	47	eP	P	21 28 12.8	+0.5
SZCU	Shurtz Canyon	79.01	46	eP	P	21 28 12.4	+0.2
BBB	Bella Bella	79.03	28	P	P	21 28 11.5	-0.2
RC01	Rabbit Creek A	79.17	12	eP	P	21 28 12.0	-0.2
WUAZ	Wupatki	79.23	48	eP	P	21 28 13.9	+0.6
WUAZ	Wupatki	79.23	48	eP	P	21 28 13.6	+0.2
SUA	Susitna One	79.31	12	eP	P	21 28 12.2	-0.9
A04D	Lummi Island	79.36	33	P	P	21 28 13.7	+0.2
G08A	Pilot Rock	79.37	37	eP	P	21 28 13.8	-0.1
B05A	Bryant	79.40	33	P	P	21 28 13.5	-0.3
PKCU	Pink Cliffs	79.48	46	eP	P	21 28 14.2	-0.6
GLI	Glacier Island	79.56	14	eP	P	21 28 13.9	-0.4
E07A	Sunnyside	79.59	35	eP	P	21 28 15.2	+0.3
SKT	Skwentna	79.63	11	eP	P	21 28 13.3	-1.4
HAWA	Hanford	79.68	36	eP	P	21 28 15.4	+0.1
PMR	Palmer	79.76	13	eP	P	21 28 14.6	-0.7
PMR	Palmer	79.76	13	eP	P	21 28 14.6	-0.7
X18A	Snowflake	79.81	50	eP	P	21 28 16.7	+0.1
MTPU	Mount Pierson	79.85	46	eP	P	21 28 16.7	-0.2
CN2	Changchun	79.86	321	eP	P	21 28 16.3	0.0
GHO	Glyde Hole Cre	79.96	13	eP	P	21 28 16.0	-0.5
E08A	Dider Farm, El	80.00	36	eP	P	21 28 17.4	+0.3
MSU	Marysville	80.08	45	eP	P	21 28 18.5	+0.5
BMO	Blue Mountains	80.09	38	eP	P	21 28 16.7	-1.0
BMO	Blue Mountains	80.09	38	eP	P	21 28 16.7	-1.0
DIV	Divide	80.09	14	eP	P	21 28 17.1	-0.2
MFID	Matias Ranch	80.20	40	eP	P	21 28 18.4	0.0
BMRM	Bremner River	80.23	15	eP	P	21 28 17.6	-0.4
W18A	Petrified Fore	80.23	49	eP	P	21 28 18.6	-0.2
W18A	Petrified Fore	80.23	49	eP	P	21 28 19.0	+0.2
SCM	Sheep Creek Mo	80.36	13	eP	P	21 28 18.2	-0.5
SCM	Sheep Creek Mo	80.36	13	eP	P	21 28 18.2	-0.5
D08A	Wollman Farm,	80.41	35	eP	P	21 28 19.1	0.0
DUG	Dugway, Tooele	80.48	44	eP	P	21 28 20.0	+0.1
DUG	Dugway, Tooele	80.48	44	eP	P	21 28 20.0	+0.1
DUG	Dugway, Tooele	80.48	44	eP	P	21 28 19.8	-0.1
E09A	Wood Farm, Sta	80.53	36	eP	P	21 28 19.4	-0.5
121A	Cookes Peak, D	80.56	52	eP	P	21 28 21.2	+0.7
CAST	Castle Rocks	80.86	10	eP	P	21 28 19.6	-1.6
B08A	Colville Reser	80.93	34	eP	P	21 28 21.1	-0.8
LLBL	Lillooet	80.96	31	eP	P	21 28 21.9	-0.1
TMUT	Trail Mountai	81.12	45	eP	P	21 28 24.1	+0.6
HLID	Hailey	81.15	40	eP	P	21 28 23.7	+0.3

HLID	Hailey	81.15	40	P	P	21 28 23.7	+0.3
KTH	Kantishna Hill	81.19	11	eP	P	21 28 21.8	-1.2
TRF	Thorfare Ranch	81.21	11	eP	P	21 28 22.1	-1.1
SPUT	South Promont	81.27	43	eP	P	21 28 24.3	+0.3
HVU	Hanse Valley	81.29	42	eP	P	21 28 24.1	0.0
HARP	HAARP	81.35	14	eP	P	21 28 23.8	0.0
CTU	Camp Tracy	81.43	44	eP	P	21 28 25.6	+0.6
RND	Reindeer	81.45	12	eP	P	21 28 23.7	-0.7
RND	Reindeer	81.45	12	eP	P	21 28 23.7	-0.7
DHY	Denali Highway	81.45	13	eP	P	21 28 24.1	-0.4

PD31	Pinedale Array	83.86	43	eP	P	21 28 37.0	-0.4
PDAR	Pinedale Array	83.86	43	eP	P	21 28 36.5	-0.8
PDAR	comp=Z, 0.4nm, 0.7s, baz=103, slow=4.0, SNR=6.1			PKKb	PKKPdf	21 46 49.0	+4.3
PDAR	Pinedale Array	83.86	43	eP	P	21 28 35.8	-1.5
PDAR	Pinedale River	83.86	40	eP	P	21 28 38.1	+0.8
YMR	Madison River	83.86	40	eP	P	21 28 37.4	0.0
BOZ	Bozeman (W)	83.90	39	eP	P	21 28 37.4	0.0
BOZ	Bozeman (W)	83.90	39	eP	P	21 28 37.4	0.0
BOZ	comp=Z, 1.5nm, 1.0s					21 28 37.2	-0.2
BOZ	Bozeman (W)	83.90	39	eP	P	21 28 37.2	-0.2
H17A	Grant Village	83.97	41	eP	P	21 28 39.2	+1.3
H17A	Grant Village	83.97	41	eP	P	21 28 38.8	+0.8
YHC	Holmes Hill	83.98	40	eP	P	21 28 38.5	+0.5
SMO	Snowmass	84.00	47	eP	P	21 28 38.2	-0.2
BJT	Baijiatuau	84.04	314	eP	P	21 28 39.3	+1.2
BJT	Baijiatuau	84.04	314	eP	P	21 28 39.3	+1.2
BJI	Beijing	84.05	314	eP	P	21 28 39.3	+1.2
YNR	Norris Junction	84.06	40	eP	P	21 28 38.6	+0.2
DAWY	Dawson	84.15	15	eP	P	21 28 38.1	-0.1
WALA	Waterton Lakes	84.31	36	eP	P	21 28 39.0	-0.4
EGAK	Eagle	84.31	14	eP	P	21 28 38.5	-0.3
HRY	Holter Researc	84.32	38	eP	P	21 28 39.3	-0.2
LNIG	Linares	84.41	62	eP	P	21 28 39.9	-0.4
SDCO	Great Sand Dun	84.45	49	eP	P	21 28 40.0	-0.5
SDCO	Great Sand Dun	84.45	49	eP	P	21 28 40.0	-0.5
COLD	Coldfoot	84.68	10	eP	P	21 28 41.0	+0.3
PMSA	Palmer Station	84.87	156	eP	P	21 28 42.4	+0.6
RWWY	Rawlins	84.93	44	eP	P	21 28 42.7	-0.1
MSTX	Muleshoe	84.98	53	eP	P	21 28 42.6	-0.5
MSTX	Muleshoe	84.98	53	eP	P	21 28 42.6	-0.5
T25A	Trinidad	84.99	49	eP	P	21 28 42.5	-0.7
RLMT	Red Lodge	85.13	41	eP	P	21 28 44.1	+0.5
RLMT	Red Lodge	85.13	41	eP	P	21 28 43.8	+0.1
Q24A	Divide	85.20	48	eP	P	21 28 44.2	-0.1
Q24A	Divide	85.20	48	eP	P	21 28 43.8	-0.5
ENH	Enshi	85.21	303	eP	P	21 28 43.5	-0.6
ISCO	Idaho Springs	85.22	47	eP	P	21 28 43.5	-0.8
N23A	Red Feather La	85.45	45	eP	P	21 28 45.0	-0.4
N23A	Red Feather La	85.45	45	eP	P	21 28 45.0	-0.4
833A	Chaparral WMA	85.64	59	eP	P	21 28 46.1	-0.1
833A	Chaparral WMA	85.64	59	eP	P	21 28 46.3	0.0
CMIG	Matias Romero	85.98	71	eP	P	21 28 48.2	+0.1
JCT	Junction City	86.06	57	eP	P	21 28 48.0	-0.3
JCT	Junction City	86.06	57	eP	P	21 28 48.0	-0.3
JCT	Junction City	86.06	57	eP	P	21 28 47.6	-0.7
HIA	Hailar	86.06	324	eP	P	21 28 48.0	+0.1
TOLK	Toolik Lake Re	86.07	9	eP	P	21 28 47.4	-0.1
TOLK	Toolik Lake Re	86.07	9	eP	P	21 28 47.1	-0.3
AMTX	Amarillo	86.16	52	eP	P	21 28 47.9	-0.9
EGMT	Eggleton	86.19	38	eP	P	21 28 48.1	-0.5
EGMT	Eggleton	86.19	38	eP	P	21 28 48.1	-0.5
GYA	Guiyang	86.23	299	eP	P	21 28 50.4	+1.0
GYA	Guiyang	86.23	299	eP	P	21 30 07.6	+7.3
GYA	Guiyang	86.23	299	eP	P	21 30 41.0	+9.3
GYA	Guiyang	86.23	299	eP	P	21 32 18.3	+3.2
GYA	Guiyang	86.23	299	eP	P	21 38 42.8	-4.0
GYA	Guiyang	86.23	299	eP	P	21 38 56.5	+1.0
MAW	Mawson	86.92	199	eP	P	21 28 51.8	+0.1
MAW	Mawson	86.92	199	eP	P	21 28 51.2	-0.5
MAW	Mawson	86.92	199	eP	P	21 28 51.2	-0.5
MAW	Mawson	86.92	199	eP	P	21 28 51.2	-0.5
ABTX	Ablene, Hawle	86.93	55	eP	P	21 28 52.2	-0.3
ABTX	Ablene, Hawle	86.93	55	eP	P	21 28 51.8	-0.6
XAN	Xi'an	87.00	306	eP	P	21 28 53.0	+0.2
XAN	Xi'an	87.00	306	eP	P	21 28 53.0	+0.2
XAN	Xi'an	87.00	306	eP	P	21 28 53.0	+0.2
GSI	Gunungsitoli	87.25	272	eP	P	21 28 54.0	-0.4
HHC	Hu-ho-hao-te	87.58	314	eP	P	21 28 56.5	+1.0
HHC	Hu-ho-hao-te	87.58	314	eP	P	21 28 56.5	+1.0
LAO	LASA Array	87.73	40	eP	P	21 28 56.3	+0.4
INK	Inuvik	88.98	14	eP	P	21 29 00.3	-0.8
INK	Inuvik	88.98	14	eP	P	21 29 00.4	-0.8
INK	Inuvik	88.98	14	eP	P	21 29 00.4	-0.8
KMI	Kumming	89.17	296	eP	P	21 29 05.0	+1.6
KMI	Kumming	89.17	296	eP	P	21 30 54.9	+8.8
DKMT	Dagmar	89.73	39	eP	P	21 29 05.6	+0.4
DKMT	Dagmar	89.73	39	eP	P	21 29 05.3	+0.1
SUKH	Sukhothai	89.73	288	eP	P	21 29 05.5	+2.7
LAMP	Lampang	90.02	289	eP	P	21 29 09.1	+1.9
LAMP	Lampang	90.02	289	eP	P	21 29 09.1	+1.9
CD2	Chengdu	90.08	302	eP	P	21 29 06.5	-0.8
CM01	Chiang Mai Arr	90.61	289	eP	P	21 29 11.1	+0.6
CM31	Chiang Mai Arr	90.63	289	eP	P	21 29 11.1	+0.6
CMAR	Chiang Mai Arr	90.63	289	eP	P	21 29 11.2	+1.1
NATX	Nacogdoches	90.64	57	eP	P	21 29 10.2	+0.4
CMMT	Chiang Mai	90.72	289	eP	P	21 29 11.6	+1.1
CHTO	Chiang Mai	90.73	289	eP	P	21 29 11.5	+1.0
CHTO	Chiang Mai	90.73	289	eP	P	21 29 11.7	+1.2

PLCA	Paso Flores	90.97	133	eP	P	21 29 12.2	+0.8
YKA	Yellowknife Ar	91.14	24	eP	P	21 29 10.8	-0.5
YKBS	Yellowknife Ar	91.14	24	eP	P	21 29 11.5	+0.2
LZH	Lanzhou	91.61	307	eP	P	21 29 15.4	+1.0
LZH	Lanzhou	91.61	307	eP	P	21 30 33.7	+7.4
LZH	Lanzhou	91.61	307	eP	P	21 31 06.8	+1.0
LZH	Lanzhou	91.61	307	eP	P	21 33 01.5	+3.9
LZH	comp=Z, 25nm, 1.5s						
140A	Cam and Jess	91.78	57	eP	P	21 29 15.2	+0.2
X39A	Fountain Ranch	91.91	55	eP	P	21 29 15.9	+0.3
SYO	Syowa Base	91.98	192	eP	P	21 29 14.0	-1.3
Y40A	Okolona	92.42	55	eP	P	21 29 17.7	-0.2
T38A	Diamond	92.53	52	eP	P	21 29 17.6	-0.8
Z41A	Richland Creek	92.58	56	eP	P	21 29 18.8	+0.1
V39A	Pettigrew	92.67	54	eP	P	21 29 18.2	-1.0
X40A	Basin Creek Fa	92.91	55	eP	P	21 29 20.6	+0.4
Y41A	Eaglehead	92.92	56	eP	P	21 29 20.2	-0.1
ECSD	EROS Data Cent	92.92	45	eP	P	21 29 18.6	-1.5
W40A	Ferguson Farm	92.93	54	eP	P	21 29 19.9	-0.4
U39A	Green Forest	92.96	53	eP	P	21 29 19.3	-1.1
S38A	Stockton	93.00	52	eP	P	21 29 19.5	-1.0
R38A	Fenwick Farm	93.17	51	eP	P	21 29 20.4	-0.9
X41A	Kaden, Bauxite	93.17	55	eP	P	21 29 21.0	-0.4
T39A	Cleaver	93.22	53	eP	P	21 29 20.8	-0.9
P37A	Lathrop	93.25	50	eP	P	21 29 20.7	-1.0
U40A	Witt Springs	93.30	54	eP	P	21 29 21.5	-0.6
V40A	Yellville	93.44	53	eP	P	21 29 22.1	-0.5
S39A	Bolivar	93.46	52	eP	P	21 29 21.9	-0.8
SONA1	Songino Array	93.56	319	eP	P	21 29 22.5	-0.6
SONM	Songino Array	93.56	319	eP	P	21 29 22.8	-0.3
W41B	Gar Mayvly, V	93.57	55	eP	P	21 29 22.9	-0.3
Q38A	Cooks Store, C	93.61	51	eP	P	21 29 22.7	-0.6
L36A	Harm Buss Farm	93.78	47	eP	P	21 29 23.2	-0.8
V41A	Mountainview	93.81	54	eP	P	21 29 23.5	-0.9
R39A	Chumby, Stover	93.86	51	eP	P	21 29 23.6	-0.9
P38A	Dawn	93.87	50	eP	P	21 29 23.3	-1.2
244A	Avery, Jackson	93.96	58	eP	P	21 29 25.3	+0.3
O38A	Galt	94.05	50	eP	P	21 29 24.2	-1.1
S40A	Lebanon	94.06	52	eP	P	21 29 24.8	-0.7
K36A	Glennville City	94.09	47	eP	P	21 29 25.4	-0.1
U41A	Viola	94.15	54	eP	P	21 29 25.2	-0.7
P39B	Salisbury	94.40	50	eP	P	21 29 25.7	-1.2
V42A	Cord	94.42	54	eP	P	21 29 26.2	-0.9
T41A	Mountain View	94.47	53	eP	P	21 29 26.3	-1.0
TIXI	Tiksi	94.61	345	eP	P	21 29 26.9	-0.2
TIXI	Tiksi	94.61	345	eP	P	21 29 26.9	-0.2
S41A	Jillco Farms	94.63	52	eP	P	21 29 27.0	-1.0
U42A	Revdent	94.69	54	eP	P	21 29 27.3	-1.0
K37A	Belmond	94.70	47	eP	P	21 29 26.9	-1.4
O39A	Kirkville	94.77	50	eP	P	21 29 27.3	-1.4
N39A	Derby Farms, D	94.98	49	eP	P	21 29 28.3	-1.3
T42A	Van Buren	94.98	53	eP	P	21 29 28.4	-1.2
R41A	Rosebud	95.10	52	eP	P	21 29 29.3	-0.9
T43A	Greenville	95.62	53	eP	P	21 29 31.9	-0.6
GTA	Gaotai	95.62	309	eP	P	21 29 32.6	-0.1
GTA	Gaotai	95.62	309	eP	P	21 30 49.3	+4.9
GTA	Gaotai	95.62	309	eP	P	21 31 21.0	+5.4
NTA	comp=Z, 4.0nm, 1.1s						
G40A	Mertquaque, S	95.65	49	eP	P	21 29 31.5	-1.1
J38A	Wedel Dairy, R	95.67	47	eP	P	21 29 31.6	-1.1
L39A	Vinton	95.68	48	eP	P	21 29 31.9	-0.8
P41A	Barry, Barry	95.71	51	eP	P	21 29 32.3	-0.6
M40A	Post Highland	95.84	49	eP	P	21 29 32.3	-1.1
S43A	Fulton Ridge	95.91	53	eP	P	21 29 32.8	-1.1
K39A	Delwain	95.92	47	eP	P	21 29 32.3	-1.5
Y46A	Houston	95.92	57	eP	P	21 29 33.5	-0.5
O41A	Pasleys Farm	95.96	50	eP	P	21 29 33.2	-0.8
SPMM	Marine on St.	95.97	45	eP	P	21 29 32.8	-1.1
N41A	Harden Midland	96.14	50	eP	P	21 29 34.4	-0.4
J39A	Decorah	96.22	47	eP	P	21 29 33.8	-1.3
P42A	Winchester	96.22	51	eP	P	21 29 34.6	-0.6
L40A	Anamosa	96.22	48	eP	P	21 29 34.3	-0.9
I39A	Houston	96.48	46	eP	P	21 29 34.7	-1.6
M41A	Milan	96.54	49	eP	P	21 29 35.4	-1.2
F38A	Pierce - Schro	96.79	44	eP	P	21 29 36.7	-0.9
H39A	Augusta	96.86	46	eP	P	21 29 36.7	-1.3
J40A	Soldiers Grove	96.91	47	eP	P	21 29 36.7	-1.6
K41A	Shullsburg	97.02	48	eP	P	21 29 37.6	-1.2
JFWS	Jewell Farm	97.14	48	eP	P	21 29 38.1	-1.2
WVT	Waverly	97.29	55	eP	P	21 29 39.1	-1.0
L42A	Oliver, Polo	97.33	49	eP	P	21 29 38.7	-1.4
J41A	Loganville	97.42	47	eP	P	21 29 39.3	-1.2
F39A	Loretta	97.43	45	eP	P	21 29 39.4	

BR131	Keskin Array S	144.91 319	ePKPbc	PKPbc	21 35 42.1 -0.5
BRTR	Keskin Array B	144.91 319	ePKPbc	PKPbc	21 35 42.3 -0.3
VRAC	Vranov	144.92 346	ePKP	PKPbc	21 35 41.9 -0.2
VRAC	Vranov	144.92 346	ePKP	PKPbc	21 35 41.7 -0.5
VRAC	Vranov	144.92 346	ePKP	PKPbc	21 35 41.8 -0.4
VRAC	Vranov	144.92 346	ePKP	PKPbc	21 35 41.8 -0.5
MEM	Membach	145.04 358	ePKP	PKPbc	21 35 40.6 -1.8
CFR	Cliu-Napoca	145.07 337	ePKP	PKPbc	21 35 42.8 0.0
CFR	Cliu-Napoca	145.07 337	ePKP	PKPbc	21 35 42.8 0.0
JAVC	Velka Javorina	145.07 345	ePKP	PKPbc	21 35 43.3 +0.0
VYHS	Vyhne	145.10 343	ePKP	PKPbc	21 35 42.4 -0.2
VYHS	Vyhne	145.10 343	ePKP	PKPbc	21 35 42.4 -0.2
MLR	Muntele Rosu	145.10 333	ePKPbc	PKPbc	21 35 42.6 -0.2
MLR	Muntele Rosu	145.10 333	ePKPbc	PKPbc	21 35 42.3 -0.5
ISR	Istrita	145.13 332	ePKP2	PKPbc	21 35 43.3 -0.1
SNF	Senefie	145.17 0	ePKP	PKPbc	21 35 42.6 0.0
KRUC	Moravsky	145.20 346	ePKP	PKPbc	21 35 42.4 -0.3
MDB	Medias	145.24 335	ePKP2	PKPbc	21 35 44.0 +0.3
MDB	Medias	145.24 335	ePKP2	PKPbc	21 35 44.0 +0.3
BCLA	Clavier	145.25 359	ePKP	PKPbc	21 35 42.8 +0.1
PSZ	Piszkesteto	145.30 342	ePKP	PKPbc	21 35 43.5 0.0
PSZ	Piszkesteto	145.30 342	ePKP	PKPbc	21 35 42.8 -0.2
PSZ	Piszkesteto	145.30 342	ePKP2	PKPbc	21 35 43.5 0.0
DRGR	Dravarska	145.34 338	ePKP2	PKPbc	21 35 43.2 +0.1
DRGR	Dravarska	145.34 338	ePKP2	PKPbc	21 35 43.2 +0.1
ANTO	Ankara	145.36 320	ePKP2	PKPbc	21 35 43.5 +0.1
ANTO	Ankara	145.36 320	ePKP2	PKPbc	21 35 44.7 +0.2
BR231	Keskin MP Arra	145.39 320	ePKP2	PKPbc	21 35 44.4 -0.1
VOIR	Voir	145.53 334	ePKP	PKPbc	21 35 44.1 -0.2
VOIR	Voir	145.53 334	ePKP	PKPbc	21 35 44.1 -0.2
GRFO	Grafenberg	145.53 352	ePKP2	PKPbc	21 35 43.6 -0.3
DOU	Dourbes	145.58 360	ePKP	PKPbc	21 35 43.0 -0.3
MTUR	Matau	145.69 334	ePKP	PKPbc	21 35 44.2 +0.4
MTUR	Matau	145.69 334	ePKP2	PKPbc	21 35 44.2 +0.4
KHC	Kasperske Hory	145.71 349	ePKP2	PKPbc	21 35 43.0 +0.4
KHC	Kasperske Hory	145.71 349	ePKP	PKPbc	21 35 43.0 +0.4
KHC	Kasperske Hory	145.71 349	ePKP2	PKPbc	21 35 44.0 +0.4
GECC	GERESS Array S	145.96 349	ePKP2	PKPbc	21 35 45.2 -0.2
GERES	GERESS Array B	145.96 349	ePKPbc	PKPbc	21 35 44.0 -0.1
GERES	GERESS Array S	145.97 349	ePKP2	PKPbc	21 35 43.6 -0.5
OZLJ	Walfardange	145.99 358	ePKP	PKPbc	21 35 45.4 +0.1
WLF	Walfardange	145.99 358	ePKP2	PKPbc	21 35 45.1 -0.2
WLF	Walfardange	145.99 358	ePKP2	PKPbc	21 35 45.1 -0.2
WLF	Walfardange	145.99 358	ePKP2	PKPbc	21 35 45.1 -0.2
LOTR	Lotru	146.05 330	ePKP2	PKPbc	21 35 46.5 0.0
ASF	Jabal al Asfar	146.15 305	ePKPbc	PKPbc	21 35 46.5 0.0
HUMR	Humele	146.28 333	ePKP	PKPbc	21 35 45.9 -0.5
CONA	Conrad Observa	146.38 346	ePKPbc	PKPbc	21 35 44.5 -0.4
STU	Stuttgart	146.67 354	ePKP2	PKPbc	21 35 47.0 -0.3
STU	Stuttgart	146.67 354	ePKP2	PKPbc	21 35 47.0 -0.3
BZS	Buzias	146.74 338	ePKP2	PKPbc	21 35 47.4 -0.2
BZS	Buzias	146.74 338	ePKP2	PKPbc	21 35 47.4 -0.2
TIM	Timisoara	146.78 338	ePKP2	PKPbc	21 35 42.0 -0.3
TIM	Timisoara	146.78 338	ePKP2	PKPbc	21 35 42.0 -0.3
MOA	Molin	146.81 348	ePKPbc	PKPbc	21 35 47.3 -0.5
SRE	Strehaia	146.92 335	ePKP	PKPbc	21 35 48.4 +0.2
SRE	Strehaia	146.92 335	ePKP2	PKPbc	21 35 48.4 +0.2
IMMAl	Molunt Mout	147.00 337	ePKPbc	PKPbc	21 35 49.0 +0.1
HERR	Herculane	147.06 336	ePKP	PKPbc	21 35 48.7 -0.7
ARSA	Arzberg	147.10 346	ePKPbc	PKPbc	21 35 48.1 -0.5
BFO	Black Forest	147.19 355	ePKPbc	PKPbc	21 35 48.3 -0.5
BFO	Black Forest	147.19 355	ePKP2	PKPbc	21 35 47.7 -1.2
MORH	M*tr'gy, Hung	147.21 342	ePKP	PKPbc	21 35 49.9 -0.4
ECH	Echery	147.38 357	ePKPbc	PKPbc	21 35 48.9 -0.4
ECH	Echery	147.38 357	ePKP2	PKPbc	21 35 48.9 -0.4
ATHS	Athanasios	147.42 312	ePKP2	PKPbc	21 35 47.1 +0.5
SOKA	Sotho	147.75 346	ePKPbc	PKPbc	21 35 48.8 +1.6
RETA	Reutte	147.75 352	ePKPbc	PKPbc	21 35 49.6 -0.8
PERT	Pernitz	147.77 346	ePKPbc	PKPbc	21 35 49.3 -1.1
FRGS	Fruska Gora	147.77 339	ePKP	PKPbc	21 35 49.8 -0.7
WATA	Walderalm	147.78 351	ePKPbc	PKPbc	21 35 49.7 -0.9
WTTA	Wattenberg	147.85 351	ePKPbc	PKPbc	21 35 50.1 -0.7
MOTA	Moosalm	147.85 351	ePKP2	PKPbc	21 35 46.6 -0.8
MOTA	Moosalm	147.85 351	ePKP2	PKPbc	21 35 46.6 -0.8
MYKA	Terra Mystica	148.10 348	ePKPbc	PKPbc	21 35 50.0 -1.4
ABTA	Abfaltersbach	148.20 349	ePKPbc	PKPbc	21 35 49.9 -1.7
PGB	Panagyurishte	148.21 332	ePKP	PKPbc	21 35 51.5 -0.2
FETA	Feichten	148.22 352	ePKP2	PKPbc	21 35 46.6 -1.4
CRES	Cresnjevi	148.45 345	ePKP	PKPbc	21 35 50.9 -1.3
LJU	Ljubljana	148.47 346	ePKPbc	PKPbc	21 35 51.5 -0.7
LJU	Ljubljana	148.47 346	ePKP	PKPbc	21 35 51.0 -1.2
ALN	Alexandroupoli	148.54 328	ePKPbc	PKPbc	21 35 51.7 -0.8
ALN	Alexandroupoli	148.54 328	ePKPbc	PKPbc	21 35 52.2 -0.2
DAVOX	Davos/Dischmatt	148.56 353	ePKPbc	PKPbc	21 35 52.4 -0.2
EIL	Eilat	148.60 302	ePKPbc	PKPbc	21 35 52.9 -0.1
VTS	Vitosha	148.60 333	ePKPbc	PKPbc	21 35 52.5 -0.4
VTS	Vitosha	148.60 333	ePKPbc	PKPbc	21 35 52.5 -0.4
VTS	Vitosha	148.60 333	ePKP2	PKPbc	21 35 52.5 -0.4
RZN	Rozhen	148.62 330	ePKPbc	PKPbc	21 35 51.7 -1.2
DIVB	Divibare	148.63 338	ePKPbc	PKPbc	21 35 52.2 -0.6
DIVB	Divibare	148.63 338	ePKP	PKPbc	21 35 51.7 -1.3
CEY	Cernicka	148.78 346	ePKP	PKPbc	21 35 53.2 -0.3
BLJ	Banja Luka	148.97 342	ePKPbc	PKPbc	21 35 53.4 -0.1
BLJ	Banja Luka	148.97 342	ePKP2	PKPbc	21 35 53.0 -0.5
HAPS	Han Pijašak, BI	149.07 339	ePKP	PKPbc	21 35 52.8 -1.1
BBLs	Lazi#263i	149.04 339	ePKP	PKPbc	21 35 53.3 -0.5
MMB	Musumiste	149.16 331	ePKP	PKPbc	21 35 53.5 -0.6
SENIN	Lac Senin/Sane	149.22 356	ePKPbc	PKPbc	21 35 54.5 +0.2
KKB	Krupnik	149.24 332	ePKPbc	PKPbc	21 35 53.9 -0.4
MBAR	Mbarara	149.38 241	ePKPbc	PKPbc	21 35 55.6 -0.0
MBAR	Mbarara	149.38 241	ePKP2	PKPbc	21 35 55.2 -0.6
UPM	Unac-Piva	149.80 339	ePKP	PKPbc	21 35 54.2 -1.6
BRY	Bratogost	150.19 339	ePKP	PKPbc	21 35 55.5 -1.2
PDG	Podgorica	150.35 337	ePKP	PKPbc	21 35 56.4 -0.4
PDG	Podgorica	150.35 337	ePKP2	PKPbc	21 35 56.3 -0.5
SSB	Saint Sauveur	150.40 360	ePKPbc	PKPbc	21 35 57.2 +0.2
SSB	Saint Sauveur	150.40 360	ePKP2	PKPbc	21 35 56.9 -1.4
TREB	Trebinje	150.42 339	ePKP	PKPbc	21 35 57.5 -0.1
BNI	Bardonecchia	150.57 357	ePKPbc	PKPbc	21 35 57.5 -0.1
DRME	Dravecina, Mon	150.58 337	ePKP	PKPbc	21 35 57.0 -1.7
FNA	Florina	150.87 333	ePKPbc	PKPbc	21 35 57.2 -1.0
FNA	Florina	150.87 333	ePKP2	PKPbc	21 35 57.2 -1.0
LIT	Litohoron	150.91 331	ePKPbc	PKPbc	21 35 57.3 -1.0
LIT	Litohoron	150.91 331	ePKP2	PKPbc	21 35 57.3 -1.0
TIR	Tirane	151.04 335	ePKP	PKPbc	21 35 58.4 -0.1
TIR	Tirane	151.04 335	ePKP2	PKPbc	21 35 58.4 -0.1
KARP	Karpathos	151.53 316	ePKPbc	PKPbc	21 35 59.4 -0.3
APF	Apeiranthos	151.59 321	ePKPbc	PKPbc	21 35 59.2 -1.7
PGAV	Gavriela, Arco	151.55 20	ePKPbc	PKPbc	21 35 59.5 -0.3
PCAB	Cabril	151.86 20	ePKPbc	PKPbc	21 36 00.1 -0.3
PCAB	Cabril	151.86 20	ePKP2	PKPbc	21 36 01.6 -0.1
PTO	Porto	152.17 21	ePKPbc	PKPbc	21 36 00.9 -0.2
PTO	Porto	152.17 21	ePKP2	PKPbc	21 36 01.1 -0.1
PBRG	Braganca	152.17 18	ePKPbc	PKPbc	21 36 00.1 -1.0
PBRG	Braganca	152.17 18	ePKP2	PKPbc	21 36 01.6 -0.4
AQU	L'Aquila	152.22 346	ePKP	PKPbc	21 35 59.7 -1.5
POLO	Lamas de Olo	152.24 20	ePKPbc	PKPbc	21 36 01.2 -0.2
POLO	Lamas de Olo	152.24 20	ePKP2	PKPbc	21 36 01.2 -0.2
MVO	Moncorvo	152.67 19	ePKPbc	PKPbc	21 36 02.5 -0.6
MVO	Moncorvo	152.67 19	ePKP2	PKPbc	21 36 02.5 -0.6
PVIS	Viseu	152.79 21	ePKPbc	PKPbc	21 36 02.0 -0.6
PVIS	Viseu	152.79 21	ePKP2	PKPbc	21 36 01.4 -0.2
IDI	Anoia	153.11 321	ePKP	PKPbc	21 35 55.6 -0.2
IDI	Anoia	153.11 321	ePKP2	PKPbc	21 36 01.9 -1.6
PCAS	Casimio, Conde	153.17 22	ePKP2	PKPbc	21 35 55.5 -0.2
PCAS	Casimio, Conde	153.17 22	ePKPbc	PKPbc	21 36 01.9 -1.6
MTE	Mantegas	153.19 20	ePKPbc	PKPbc	21 36 01.6 -0.4
MTE	Mantegas	153.19 20	ePKP2	PKPbc	21 36 01.6 -0.4
PTOM	Tomar	153.58 23	ePKP2	PKPbc	21 35 55.9 -0.3

PTOM	Tomar	153.58 23	ePKPbc	PKPbc	21 36 17.7 -0.2
PCBR	Castelo Branco	153.72 21	ePKPbc	PKPbc	21 36 18.1 -0.4
TIP	Timpanagrande	154.11 338	ePKP	PKPbc	21 36 04.0 -1.5
PMRV	Marv'70	154.11 21	ePKPbc	PKPbc	21 36 04.2 -1.2
PMRV	Marv'70	154.11 21	ePKPbc	PKPbc	21 36 19.9 -0.4
ESTR	Estremoz	154.54 22	ePKPbc	PKPbc	21 36 19.0 -1.1
ES19	SONSECA Array	154.91 15	ePKP2	PKPbc	21 35 58.0 -0.2
ES19	SONSECA Array	154.91 15	ePKP2	PKPbc	21 36 23.5 -0.2
ESDC	Sonsec Array	154.92 15	ePKP	PKPbc	21 35 57.9 -0.3
ESDC	Sonsec Array	154.92 15	ePKP2	PKPbc	21 36 23.3 -0.5
PBAR	Barrancos	155.25 32	ePKPbc	PKPbc	21 36 23.4 -2.2
MDT	Midelt	161.01 24	ePKP	PKPbc	21 36 04.5 -1.4
MDT	Midelt	161.01 24	ePKP2	PKPbc	21 36 04.5 -1.4
TAM	Tamanrasset	172.75 31	ePKP2	PKPbc	21 36 15.1 +0.2
TAM	Tamanrasset	172.75 31	ePKP2	PKPbc	21 37 42.0 -0.4
TAM	Tamanrasset	172.75 351	ePKPbc	PKPbc	21 36 15.1 +0.2
TORD	Torodi Ar. Bea	176.45 133	ePKP	PKPbc	21 36 13.2 -2.9
TORD	Torodi Ar. Bea	176.45 133	ePKP2	PKPbc	21 37 57.1 -1.9

VIE 13 21:32:21.5, 3.2, 43.79N; 15.71E, h4km, 13km, mb2.4/1, ml2.50, Error ellipse: s-maj=23.6km s-min=20.0km az=86.0 68 km WNW of Split

PRU 13 21:32:26.1, 0.0, 44.02N; 14.80E, h3km

SAR 13 21:32:27.0, 0.6, 44.08N; 15.14E, h5km, 2km, ML2.7/1

ISC 13 21:32:24.3, 1.5, 43.99N; 0.05, 15.19E, h4km, 11km, n23, r143/42, 1, Adriatic Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
UDBI	Udbina	0.68 38	ePbc	Pb	21 32 37.9 +0.7
UDBI	Udbina	0.68 38	ePbc	Sb	21 32 49.6 -2.2
RIJE	Rijeka	1.42 339	ePbc	Pb	21 32 51.2 -0.2
RIJE	Rijeka	1.42 339	ePbc	Sb	21 33 09.3 -0.6
BLV	Banja Luka	1.62 61	ePbc	Pb	21 32 56.0 +0.6
BLV	Banja Luka	1.62 61	ePbc	Sb	21 33 17.7 +1.5
OZLJ	Ozalj	1.63 7	ePbc	Pb	21 32 53.9 +0.1
OZLJ	Ozalj	1.63 7	ePbc	Sb	21 33 17.3 +0.5
VISS	Visnje	1.83 352	iPbc	Pb	21 32 57.6 -0.7
VISS	Visnje	1.83 352	iPbc	Sb	21 33 22.8 -0.1
CEY	Cernicka	1.83 343	ePbc	Pb	21 32 57.6 -0.7
CEY	Cernicka	1.83 343	ePbc	Sb	21 33 20.6 -1.0
CRES	Cresnjevi	1.84 6	ePbc	Pb	21 32 58.1 -0.4
CRES	Cresnjevi	1.84 6	ePbc	Sb	21 33 21.2 -0.8
ZAG	Zagreb	1.92 17	ePbc	Pb	21 33 29.0 +0.7
ZAG	Zagreb	1.92 17	ePbc	Sb</	

ISCJBJ 13 23:40:00.0, 0.8, 10.88S; 0.02: 113.71E; 0.02, h6km, 4km, mb5.3/149, MS4, 4/100, Error ellipse: s-maj=3.9km s-min=3.2km az=30.9
 BUJ 13 23:40:00.5, 10.80S; 113.70E, h6km, mb5.2/64, mb5.3/44, MS4, 7/48, MS7, 4, 4/46
 IDC 13 23:40:01.4, 0.4, 10.72S; 113.81E, h0km, mb4.9/24, mb1.5/28, mb1mx5.0/36, mbtmp5.0/28, ML4, 8/5, MS4, 0/31, MS1, 4/0/31, ms1mx4.0/36, Error ellipse: s-maj=14.8km s-min=1.0km az=50.0
 NEIC 13 23:40:03.0, 0.1, 10.77S; 113.76E, h10km, mb5.4/69, Error ellipse: s-maj=5.3km s-min=3.3km az=36.0
 NEIC Fell [ij] at Kuta, Bali
 DJA 13 23:40:04.5, 0.6, 11.52S; 114.4E, h19km, 4km, M5, 2/64, mb5.3/64, mb5.6/42, MLV5, 5/25, Mw(mb)5, 1/42
 MOS 13 23:40:05.2, 1.1, 10.63S; 113.82E, h33km, mb5.6/55, MS4, 4/21, Error ellipse: s-maj=9.0km s-min=5.2km az=119.3
 GCMT 13 23:40:05.0, 0.2, 10.99S; 0.01; 113.86E; 0.02, h12km, MW5, 0/90, Moment Tensor Solution. s3, c43; s9, c152; Duration: 0 Moment tensor: Scale 10¹⁹Nm; Mr=2.66e-10; Mw=3.67e-07; Mww=1.01e-11; Mw0.52e-23; Mw+1.32e-07; Mw-1.65e-35. Best double couple: M3, 91900; 1016; NP1: 312.0000; 1-43.0000; NP2: 67.760000; 846.0000; 1-136.00000. Principal axes: T 4.1500, P1g8.0000, Azm112.0000; P -3.6890, P1g57.0000, Azm274.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 23:40:04.3, 1.1, 10.92S; 0.04; 113.76E; 0.04, h23km, 7km, n785, s1946/757, mb5.4/149, MS4, 4/100, 26C-41D, South of Jawa

Code	Station Name	ΔT	AZ	Phase	ID	ISC	Time	Res
							h s	ISC
JAGI	Jajag, Banyuwya	2.47	9	Op	Pn		23 40 42.4	-0.8
JAGI	Jajag, Banyuwya	2.47	9	Op	Sn		23 41 11.6	-1.1
JAGI	Jajag, Banyuwya	2.47	9	Op	Pn		23 40 42.2	-1.0
IGBI	Denpasar	2.50	33	P	Pn		23 40 43.1	-0.5
GMJI	Gumukmas	2.65	353	P	Pn		23 40 44.3	-1.4
DNP	Denpasar	2.65	33	P	Pn		23 40 45.1	-0.6
DNP	Denpasar	2.65	33	P	Sn		23 41 16.7	-0.5
BLJI	Banyuglugur	3.16	357	P	Pn		23 40 52.9	+0.2
SRBI	Singaraja	3.17	27	P	Pn		23 40 53.2	+0.4
SRBI	Singaraja	3.17	27	P	Sn		23 41 30.8	+0.9
PWJI	Pagerwojo	3.47	326	P	Pn		23 41 19.7	+0.9
PWJI	Pagerwojo	3.47	326	P	Sn		23 41 33.4	-3.9
PCJI	Pacitan	3.72	317	P	Pn		23 40 59.4	-1.0
TWSI	Taliwang, Sumb	3.77	55	P	Pn		23 41 01.4	-0.1
KMMI	Kaliangit	3.85	3	P	Pn		23 41 03.4	+1.1
WOJI	Wongorejo, Jawa	4.15	317	P	Pn		23 41 13.1	+2.3
GRJI	Gresik	4.18	342	P	Pn		23 41 06.5	-0.2
NGJI	Ngawi	4.20	327	P	Pn		23 41 07.5	+0.5
UGM	Wanagama	4.37	313	P	Pn		23 41 09.3	-0.1
UGM	Wanagama	4.37	313	Op	Pn		23 41 08.2	-1.2
PLAI	Plampang	4.46	63	P	Pn		23 41 10.4	-0.4
SMRI	Semarang	5.05	319	P	Pn		23 41 19.7	+0.9
SMRI	Semarang	5.05	319	Op	Pn		23 41 17.9	-0.9
WBSI	Waikabubak, Su	5.69	78	P	Pn		23 41 28.9	+1.4
KPJI	Karang Pucung	5.95	306	P	Pn		23 41 30.7	-0.4
CMJI	Cimerak	6.10	300	P	Pn		23 41 31.2	-1.9
WSI	Wanagapu	6.56	80	P	Pn		23 41 50.3	-7.4
CISI	Cisompot, Garu	6.75	299	P	Pn		23 41 40.1	-1.5
CISI	Cisompot, Garu	6.75	299	Op	Pn		23 41 40.1	-2.1
CJJI	Jatiwangi	6.99	309	P	Pn		23 41 56.1	+1.1
LEM	Lembang	7.30	303	P	Pn		23 41 49.4	-0.5
LEM	Lembang	7.30	303	Op	Pn		23 41 49.4	-0.5
LEM	Lembang	7.30	303	Op	LR		23 45 30.5	
KBKI	Kotabaru	7.94	18	P	Pn		23 41 59.8	+1.3
SKJI	Sukabumi	8.11	298	P	Pn		23 41 59.8	-0.9
EDFI	Ende, Flores	8.11	75	P	Pn		23 42 02.3	+1.4
BKSI	Bukit	8.42	65	P	Pn		23 42 05.1	+0.3
PBKI	Pangkalan Bun	8.42	346	P	Pn		23 42 21.4	-8.1
MMRI	Maumere	8.66	76	P	Pn		23 42 09.9	+1.6
MMRI	Maumere	8.66	76	Op	Pn		23 42 09.1	+0.7
SBJI	Serang	8.93	302	P	Pn		23 42 12.1	+0.2
BNSI	Bone	9.03	45	P	Pn		23 42 15.2	+1.8
CGJI	Cibinong	9.05	298	P	Pn		23 42 12.0	-1.6
SPSI	Sidrap, Palu	9.13	41	P	Pn		23 42 17.6	+2.9
BATI	Baumata	9.77	87	Op	Pn		23 42 23.7	+0.2
BATI	Baumata	9.77	87	Op	Sn		23 44 05.7	-6.9
BATI	Baumata	9.77	87	Op	Pn		23 42 24.0	+0.5
TSI	Tana Toraja	9.77	38	P	Pn		23 42 28.9	+4.0
MTKI	Muara Tewehe, K	9.93	39	P	Pn		23 42 27.5	+1.1
BBSI	Bau Bau	10.26	59	P	Pn		23 42 35.3	-3.1
SOEI	Soe	10.41	85	P	Pn		23 42 34.2	+1.8
SOEI	Soe	10.41	85	Op	Pn		23 42 31.9	-0.5
KASI	Kota Agung	10.62	300	P	Pn		23 42 33.4	-1.7
KLJ	Kotabumi	10.67	304	P	Pn		23 42 35.7	-0.2
STKI	Sintang	11.43	303	P	Pn		23 42 49.5	+1.5
MDSI	Maura Dua	11.44	303	P	Pn		23 42 44.9	-1.5
PPBI	Pangkal Pinang	11.53	318	P	Pn		23 42 48.2	+0.5
MBWA	Marble Bar	11.68	151	Op	Pn		23 42 45.6	-4.1
LHSI	Lahat	12.35	304	P	Pn		23 42 57.9	-1.0
MNAI	Manna	12.53	301	P	Pn		23 42 56.0	-3.4
MNAI	Manna	12.53	301	Op	Pn		23 42 56.0	-3.4
APSI	Ampana	12.67	39	P	Pn		23 43 10.5	+7.3
MPSI	Mapaga	12.75	29	P	Pn		23 43 08.5	+4.2
LUWI	Luwuk	13.29	43	P	Pn		23 43 16.5	+4.8
FITZ	Fitzroy Crossi	13.53	123	Op	Pn		23 43 13.8	-1.2
FITZ	Fitzroy Crossi	13.53	123	Op	Sn		23 45 30.6	-1.4
FITZ	Fitzroy Crossi	13.53	123	Op	LR		23 48 18.2	
FITZ	Fitzroy Crossi	13.53	123	Op	LR		23 43 13.2	-1.8
FITZ	Fitzroy Crossi	13.53	123	Op	Sn		23 45 30.6	-1.4
FITZ	Fitzroy Crossi	13.53	123	Op	Sn		23 43 15.6	-3.0
MASI	Maura Aman, Be	13.79	303	P	Pn		23 43 27.6	-1.0
MRSI	Marisa	13.95	36	P	Pn		23 43 27.6	-1.0
NLAI	Namlea	15.28	61	P	Pn		23 43 40.4	+1.7
KMSI	Kinabatangan	15.35	301	P	Pn		23 43 38.7	-0.9
KNRA	Kunurra	15.35	110	P	Pn		23 43 38.7	-0.9
SDSI	Sungai Dareh	15.77	308	P	Pn		23 43 41.4	-3.7
PPSI	Pulau Pagai	15.87	300	P	Pn		23 43 45.3	-1.1
AJI	Ambon	16.02	64	P	Pn		23 43 49.5	+1.2
MSAI	Masohi	16.82	65	P	Pn		23 43 57.9	-0.7
BKNI	Bangkitang	16.87	311	P	Pn		23 43 56.8	-2.4
BKNI	Bangkitang	16.87	311	Op	Pn		23 43 57.8	-1.4
LBMI	Labuha	17.06	54	P	Pn		23 44 04.2	+1.0
MTN	Manton Dam	17.11	98	P	Pn		23 44 02.0	-0.2
MTN	Manton Dam	17.11	98	Op	Pn		23 44 01.5	-0.7
TNTI	Ternate	17.84	50	P	Pn		23 44 13.3	+1.5
MNSI	Mandailing Nat	18.28	309	P	Pn		23 44 10.3	-6.4
KDU	Kakadu	18.41	97	P	Pn		23 44 16.6	-1.4
SGSI	Sangihe	18.65	40	P	Pn		23 44 25.1	+3.9
WRKA	Warakuna	19.68	137	P	Pn		23 44 32.8	+0.8
BLDU	Ballidu	19.79	172	P	Pn		23 44 34.3	+1.3
FAKI	Fak Fak	19.99	68	P	Pn		23 44 34.7	-0.8
FAKI	Fak Fak	19.99	68	Op	Pn		23 44 33.8	-1.7
SWI	Sorong	20.06	61	P	Pn		23 44 36.1	-0.1
SUIJ	Sorong	20.06	61	P	Pn		23 44 34.9	-1.3
SUIJ	Sorong	20.06	61	Op	LR		23 54 38.3	
PSI	Prapat	20.09	312	P	Pn		23 44 33.9	-2.8
PSI	Prapat	20.09	312	Op	LR		23 54 21.8	
PSI	Prapat	20.09	312	Op	Pn		23 44 34.3	-2.4
CSI	Cunungitoli	20.16	306	P	Pn		23 44 33.3	-4.0
GSI	Gunungitoli	20.16	306	Op	Pn		23 44 35.3	-2.0
KLBR	Kellerberrin	20.90	170	P	Pn		23 44 45.8	+0.7
MUN	Mundaring	21.07	174	P	Pn		23 44 48.2	+1.1

DAV	Davao City (W)	21.40	34	LR	LR		23 55 14.0	
DAV	Davao City (W)	21.40	34	LR	LR		23 55 14.0	
DAV	Davao City (W)	21.40	34	PFAKE	LR		23 45 00.0	+9.3
KCSI	Kotacane, Aceh	21.43	311	P	P		23 44 44.7	-2.3
KMBL	Kambalda	21.69	161	P	P		23 44 58.9	+1.3
WRA	Warrungu Arr	21.75	117	P	P		23 44 55.9	+1.5
WRA	Warrungu Arr	21.75	117	Op	LR		23 48 47.1	-7.2
WRA	Warrungu Arr	21.75	117	Op	LR		23 44 55.2	+0.6
SNSI	Sinabang, Aceh	21.82	306	P	P		23 44 54.9	-0.3
NWAO	Narogin (SRO)	22.13	172	P	P		23 45 01.3	+2.9
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 53 12.4	
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.2	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 44 59.1	+0.7
NWAO	Narogin (SRO)	22.13	172	Op	LR		23 48 55.3	-6.0
NWAO	Narogin (SRO)	22.13	172					

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAJO Matushiro, MJAR Matushiro Arr, SNY Shenyang, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZSN Wadi Sarin, KUR Kuril'sk, TKM2 Tokmak, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NVS Berezinki, Vnda Vanda, GEYT Alibeck, etc.

Table with columns: SBF, comp=N, 1.1nm, 0.3s, SNR=1.0, eSg, Sg, 02 49 03.7 -1.0, etc. Lists various stations and their parameters.

Table with columns: GRR, Gorron, SNR=1.0, 9.17 297 ePn, Pn, 02 49 38.3 -0.6, etc. Lists stations like DJA, NNC, NIED, JMA, IDC, WRA, STKA, ILAR, WRA, ASAR, FITZ, ILAR, etc.

Table with columns: PDGK, 6um, 0.5s, fLg, Lg, 03 22 54.6, etc. Lists stations like PDGK, SHLS, UZB, KPKS, KAPS, ZHN, ZHN, SATY, SATY, KURS, KURS, PRZ, PRZ, TDK, TDK, MK01, MK01, MK31, MK31, MK31, MK31, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, MAKZ, MAKZ, MAKZ, MAKZ, MAKZ, MAKZ, ARXS, ARXS, KOTS, KOTS, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, MDOK, MDOK, MDOK, MDOK, MDOK, MDOK, CHKK, CHKK, CHKK, CHKK, CHKK, CHKK, KNCDC, KNCDC, KNCDC, KNCDC, KNCDC, KNCDC, AAA, AAA, AAA, AAA, AAA, AAA, TNSN, TNSN, TNSN, TNSN, TNSN, TNSN, KTBS, KTBS, KTBS, KTBS, KTBS, KTBS, ZSN, ZSN, ZSN, ZSN, ZSN, ZSN, MTBS, MTBS, MTBS, MTBS, MTBS, MTBS, KUU, KUU, KUU, KUU, KUU, KUU, ULHL, ULHL, ULHL, ULHL, ULHL, ULHL, KST, KST, KST, KST, KST, KST, DGS, DGS, DGS, DGS, DGS, DGS, TKM2, TKM2, TKM2, TKM2, TKM2, TKM2.

14d 3h

TKM2	comp=E,724nm,0.8s	Lg	Lg	03 24 24.0	
TKM2	TKmak 2 SNR=36	4.98 265	P	Pn	03 23 03.4 +2.1
TKM2	TKmak 2	4.98 265	PN	Pn	03 23 03.0 +1.8
TKM2					03 24 19.2
KZA	comp=Z,71nm,0.6s	5.44 257	P	Pn	03 23 10.5 +2.9
KBK	Kyrgyz Karagaybulak SNR=27	5.50 263	P	Pn	03 23 11.3 +2.9
CHMS	Chumysh SNR=14	5.58 267	P	Pn	03 23 11.6 +2.2
ZAK	Blishkek	5.71 265	ePn	Pn	03 23 12.0 +1.0
FRU			i	Sb	03 23 34.0
FRU			eS	Sb	03 24 40.0 +5.0
FRU			smax	smax	
AAK	comp=E,4um,2.2s	5.83 264	Pn	Pn	03 23 15.7 +2.8
AAK	Ala-Archa				03 25 42.9
AAK	comp=E,3.0nm,0.3s,baz=102,slow=9.0,SNR=32		LR	LR	
AAK	comp=E,1um,20.7s,baz=62,slow=40	5.83 264	∩Pn	Pn	03 23 15.2 +2.3
AAK	Ala-Archa				03 23 34.6 +5.2
AAK	comp=E,33nm,0.7s		∩Pg	Pb	
AAK	comp=E,151nm,0.6s		∩Lg	Lg	03 24 52.7
AAK	comp=E,702nm,0.8s	5.83 264	P	Pn	03 23 15.3 +2.4
AAK	Ala-Archa				03 23 14.6 +1.7
AAK	Ala-Archa		ePn	Pn	03 23 06.5 +7.2
AAK	Ala-Archa		ePn	Pn	03 24 52.6 +1.4
AAK	Ala-Archa		eSg	Pn	03 23 15.1 +2.3
AAK	Ala-Archa		PN	Pn	03 23 34.5
AAK	comp=Z,33nm,0.7s				
AAK	comp=Z,151nm,0.6s				
UCH	Uchtor	5.92 260	P	Pn	03 23 17.5 +3.2
BTLS	SNR=98	6.15 287	eP	Pb	03 23 36.1 +1.6
BTLS	Baital				03 24 56.0 +8.3
BTLS	comp=Z,280nm,0.7s		eS	Sb	
KSH	Kashi	6.27 232	Pn	Pb	03 23 30.4 +6.3
KSH			Sn	Sb	03 24 46.3 +5.0
KSH			smax	smax	
KSH	comp=Z,180nm,0.6s				
KSH	comp=Z,200nm,0.7s				
EK2S	Erkin-Say	6.35 265	P	Pn	03 23 22.8 +2.9
AML	Almayashu	6.53 260	P	Pn	03 23 25.5 +2.8
MRKS	Mierke	6.73 266	eP	Pb	03 23 50.7 +6.2
MRKS	comp=Z,92nm,0.6s		eS	Sb	03 25 21.3 +1.7
SEM	Sempilatinsk	7.00 349	eP	Pb	03 23 52.4 +3.2
SEM	comp=Z,84nm,0.5s		eS	Sb	03 25 24.6 +1.2
MNAS	Manas	7.30 265	∩Pn	Pn	03 23 34.6 +1.5
MNAS	comp=Z,25nm,1.0s		∩Pg	Pb	03 24 01.4 +7.1
MNAS	comp=Z,45nm,0.5s		∩Lg	Lg	03 25 37.4
MNAS	comp=Z,220nm,0.9s	7.30 265	P	Pn	03 23 34.5 +1.5
MNAS	comp=Z,25nm,1.0s				
SFK	Sufi-Kurgan	7.51 245	∩Pn	Pn	03 23 40.0 +4.0
SFK	comp=Z,6.4nm,0.6s		∩Pg	Pb	03 24 08.1 +1.0
SFK	comp=Z,70nm,0.9s		∩Lg	Lg	03 25 48.5
KURBB	Kurchatov	7.53 341	Pn	Pn	03 23 34.9 -1.0
KURBB	comp=Z,4.7nm,0.3s,baz=163,slow=12,SNR=118				03 24 57.1 -3.1
KURK	Kurchatov	7.60 342	∩Pn	Pn	03 23 35.6 -1.3
KURK	comp=Z,9.1nm,0.3s,baz=148,slow=25,SNR=11				03 24 58.5 -3.4
KURK	comp=Z,192nm,1.1s		∩Sn	Sn	
KURK	comp=Z,400nm,0.6s		∩Lg	Lg	03 25 44.7
KURK	comp=Z,1um,0.9s	7.60 342	ePn	Pn	03 23 35.7 -1.2
KURK	comp=Z,1um,0.9s		eSn	Sn	03 24 58.3 -3.6
KURK	Kurchatov	7.60 342	P	Pn	03 23 35.5 -1.3
KURK	comp=Z,192nm,1.1s				03 24 58.4
KURK	comp=Z,192nm,1.1s				
KURK	comp=N,400nm,0.6s				
OTUK	Ortayu	8.41 307	∩Pn	Pn	03 23 47.3 -0.8
OTUK	comp=N,30nm,0.5s		∩Sn	Sn	03 25 19.3 -2.7
OTUK	comp=N,52nm,0.5s		∩Lg	Lg	03 26 08.3
OTUK	comp=N,2um,1.5s		∩Lg	Lg	03 23 52.4 +1.0
KK31	Karatay Array	8.65 271	∩Pn	Pn	03 23 52.4 +1.0
KK31	comp=N,6.7nm,0.5s,baz=80,slow=14,SNR=54		∩Pg	Pb	03 24 25.4
KK31	comp=N,27nm,0.5s		∩Lg	Lg	03 26 20.2
KK31	comp=N,208nm,0.7s	8.65 271	ePn	Pn	03 23 52.8 +1.4
KK31	Karatay Array	8.65 271	eP	Pn	03 23 52.4 +1.0
KK31	Karatay Array				
KK31	comp=Z,7.0nm,0.5s				
KKAR	Karatay Array	8.65 271	ePn	Pn	03 23 52.2 +0.8
KKAR	Karatay Array	8.65 271	eP	Pn	03 23 52.2 +0.8
ZAAO	Zalesovo Array	10.52 8	∩Pn	Pn	03 24 17.3 +0.5
ZAAO	comp=Z,52nm,0.6s		∩Sn	Sn	03 26 13.6 0.0
ZAAO	comp=Z,102nm,0.7s		∩Lg	Lg	03 27 19.4
ZAAO	comp=Z,300nm,0.8s	10.52 8	ePn	Pn	03 24 15.4 -1.4
ZAAO	Zalesovo Array		eSn	Sn	03 26 07.2 -6.4
ZALV	Zalesovo Beam	10.52 8	Pn	Pn	03 24 15.4 -1.5
ZALV	comp=Z,2.7nm,0.3s,baz=190,slow=14,SNR=26				03 26 06.4 -7.2
ZALV	comp=Z,9.9nm,0.3s,baz=194,slow=24,SNR=8.6		LR	LR	03 28 27.9
HVS	comp=Z,2um,19.0s,baz=231,slow=38	10.79 41	∩Pn	Pn	03 24 20.2 -0.5
NVS	Khovu-Akym	10.79 41	∩Pn	Pn	03 24 30.0 +2.4
NVS	Novosibirsk	11.30 3	eP	Pn	03 26 27.5
CHCP	Chirah Chowk	12.17 219	P	Pn	03 24 42.0 +2.3
NIL	Nilore	12.19 219	ePn	Pn	03 24 40.7 +0.9
NIL	Nilore		eSn	Sn	03 26 49.4 -5.2
NIL	Nilore	12.19 219	ePn	Pn	03 24 40.7 +0.9
NIL	Nilore				03 26 49.4 -5.2
BVA0	Borovoye Array	12.36 324	∩Pn	Pn	03 24 40.9 -1.2
BVA0	comp=Z,18nm,0.5s,baz=140,slow=15,SNR=72		∩Sn	Sn	03 26 54.1 -4.5
BVA0	comp=Z,19nm,0.6s,baz=130,slow=22,SNR=4.2		∩Lg	Lg	03 28 15.7
BRVK	Borovoye	12.43 324	ePn	Lg	03 24 41.1 -1.9
BRVK	comp=Z,226nm,1.2s,baz=140,slow=26,SNR=5.7		eLg	Lg	03 28 02.7
BRVK	Borovoye	12.43 324	ePn	Pn	03 24 41.9 -1.1
BRVK	comp=Z,17nm,0.6s				
CEP	Cherat	12.69 223	P	Pn	03 24 47.5 +0.7
BHK	Bhakra	13.01 203	P	Pn	03 24 53.0 +2.0
THW	Thamme Wali	13.60 221	eP	Pn	03 24 58.9 -0.2
KBL	Kabul	13.71 233	ePn	Pn	03 25 00.5 -0.1
KBL	Kabul	13.71 233	eP	Pn	03 25 00.6 -0.1
GTA	Gaotai	13.72 102	P	Pn	03 25 00.9 0.0
GTA	Gaotai		pP	Pn	03 25 06.3 -2.9
GTA	Gaotai		sP	Sn	03 25 11.0
GTA	Gaotai		S	Sn	03 27 33.9 +1.6
GTA	Gaotai		SS	Sn	03 27 51.4 -2.9
GTA	comp=Z,8.0nm,1.1s				
GTA	comp=Z,29nm,5.4s				
GTA	comp=Z,1um,9.7s				
GTA	comp=Z,990nm,11.3s				

2012 SEP

GTA	comp=Z,1um,17.2s				
DANN	Dancing	15.22 175	eP	Pn	03 25 22.0 +0.6
PYUN	Piuthan	15.44 178	eP	Pn	03 25 21.1 -3.0
LSA	comp=Z,65nm,0.6s				
LSA	Lhasa	15.52 150	P	Pn	03 25 27.4 +2.0
LSA	Lhasa	15.52 150	ePn	Pn	03 25 26.4 +1.0
LSA	Lhasa				
LSA	comp=Z,28nm,0.8s	15.52 150	eP	Pn	03 25 26.4 +1.0
LSA	Lhasa				
GKN	Gorkha	15.63 173	eP	Pn	03 25 25.8 -0.8
KOLN	Koldana	15.79 176	eP	Pn	03 25 26.6 -2.1
KOLN	Koldana				
KOLN	Zakamensk	15.75 57	eP	Pn	03 25 27.0 -1.5
KOLN	ZAK				
GUN	comp=Z,20nm,1.1s				
KKN	Kakani	15.88 169	eP	P	03 25 32.6 -0.8
KKN	Kakani	15.91 171	eP	P	03 25 32.6 -1.1
PKIN	Phulchoki	16.14 170	eP	Pn	03 25 33.5 +0.3
JIRN	Jiri	16.17 168	eP	P	03 25 36.5 -0.1
TLY	Talaya	16.44 53	eP	S	03 25 39.5 +0.3
TLY	Talaya		eS	S	03 28 43.8 -5.8
TLY	Talaya				
TLY	comp=Z,16nm,0.7s				
TLY	Talaya				
TLY	comp=Z,459nm,15.0s				
AB31	Akbulak array	16.45 298	∩Pn	Pn	03 25 33.7 -3.1
AB31	comp=Z,1.1nm,0.5s,baz=99,slow=15,SNR=65				
AB31	comp=Z,40nm,1.1s		∩Lg	Lg	03 30 24.7
AB31	Akbulak array	16.45 298	P	Pn	03 25 33.6 -3.1
AB31	Akbulak array				
AB31	comp=Z,5.0nm,0.5s				
AB31	Akbulak array	16.45 298	ePn	Pn	03 25 33.8 -2.9
RAMN	Ramite	16.93 167	eP	Pn	03 25 43.4 +0.2
IRK	Irkutsk	17.01 52	eP	P	03 25 46.0 +0.5
IRK	Irkutsk				
ODAN	Odare	17.16 165	eP	Pn	03 25 45.2 -0.8
SONMI	Songino Array	17.30 67	P	Pn	03 25 47.3 -0.3
SONMI	comp=Z,4.8nm,0.3s,baz=264,slow=9.4,SNR=87				
SONMI	Songino Array	17.30 67	ePn	Pn	03 25 47.2 -0.5
AKTO	Aktyubinsk	17.92 301	∩Pn	Pn	03 25 54.7 -0.4
AKTO	comp=Z,1.7nm,0.3s,baz=103,slow=14,SNR=29				
AKTO	comp=Z,2um,18.1s,baz=272,slow=40				
AKTO	Songino Array	17.31 67	ePn	Pn	03 25 47.2 -0.5
AKTO	Aktyubinsk	17.92 301	∩Pn	Pn	03 25 53.8 -1.3
AKTO	comp=Z,1um,19.2s,baz=110,slow=38				
AKTO	Aktyubinsk	17.92 301	∩Pn	Pn	03 25 53.8 -1.3
AKTO	comp=Z,41nm,1.1s		∩Lg	Lg	03 31 12.7
LZH	Lanzhou	18.08 107	eP	P	03 25 59.4 +1.9
LZH	Lanzhou		pP	P	03 26 06.3 +0.8
LZH	Lanzhou		sP	P	03 26 10.8 +1.5
LZH	Lanzhou		PN	Pn	03 26 15.0 +6.5
LZH	Lanzhou		S	Sn	03 29 14.3 -3.9
LZH	Lanzhou		sS	Sn	03 29 26.1 +2.7
LZH	Lanzhou		SS	Sn	03 29 41.3 +1.0
LZH	Lanzhou		smax	smax	
LZH	comp=Z,35nm,1.0s				
LZH	comp=Z,260nm,5.2s				
LZH	comp=Z,2um,12.5s				
LZH	comp=Z,2um,12.8s				
LZH	comp=Z,2um,14.5s				
SVE	Sverdlovsk	19.11 322	eP	Pn	03 26 09.1 -0.4
SVE	Sverdlovsk				
SVE	comp=Z,44nm,0.6s				
GEYT	Alibeck	19.18 261	P	Pn	03 26 11.1 +0.6
GEYT	comp=Z,0.6nm,0.3s,baz=218,slow=51,SNR=7.1				
GEYT	comp=Z,432nm,20.6s,baz=245,slow=40				
GYA0B	ALIBECK Array	19.18 261	eP	P	03 26 08.5 -1.0
SHL	Shillong	19.57 154	eP	P	03 26 14.4 +0.6
SHL	Shillong				
SHL	Shillong	19.57 154	eP	P	03 26 14.5 +0.6
SHL	Shillong				
SHL	Shillong				
SHL	Shillong				
SHL					

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ISC	Op	h	m	s	ISC	ISC
KTMS	Keitmen	1.44	266	eP	03 32 04.3	+4.1
KTMS	100nm,0.2s					
KTMS	697nm,0.3s			eS	03 32 23.5	+4.1
DJR	Jarkent	1.99	294	eP	03 32 12.7	+1.9
DJR	14nm,0.2s			eS	03 32 37.9	+1.3
PDGK	Podgornoye	2.08	265	flPn	03 32 12.3	-0.2
PDGK	13nm,0.3s			flLg	03 32 40.0	
SHLS	Shalkode	2.12	260	eP	03 32 11.0	-0.9
SHLS	178nm,0.4s			eS	03 32 35.0	-1.3
SHLS	322nm,0.3s			eS	03 32 20.7	+1.2
UZB	Uzymbulak	2.44	262	eP	03 32 51.4	+0.3
UZB	147nm,0.3s			eS	03 32 24.6	+1.2
KPKS	Kokpek	2.65	269	eP	03 32 58.7	+1.0
KPKS	31nm,0.1s			eS	03 32 26.2	+0.9
KAPS	Kapalirasan	2.74	310	eP	03 33 01.1	+0.4
KAPS	185nm,0.2s			eS	03 32 27.7	+0.1
ZHN	Zhinshke	2.86	264	eP	03 33 03.2	-1.4
ZHN	14nm,0.1s			eS	03 32 28.1	+0.1
MNBS	Baschi	2.89	282	eP	03 33 04.2	-1.2
MNBS	133nm,0.1s			eS	03 32 27.6	-0.7
SATY	Saty	2.90	262	eP	03 33 03.4	-2.4
SATY	137nm,0.4s			flS	03 33 03.9	-0.4
KURS	Kuram	3.02	270	eP	03 33 09.4	-0.4
KURS	172nm,0.5s			eS	03 32 27.2	+2.6
KURS	23nm,1.3s			eS	03 32 34.9	0.0
MK31	Makanchi Array	3.24	360	Pn	03 33 04.5	+0.7
MK31	0.7nm,0.3s,baz=185,slow=14,SNR=357			flP	03 33 18.0	
MK31	11nm,0.4s,baz=183,slow=13,SNR=70			flP	03 32 27.3	+2.7
MK31	3.0nm,0.2s,baz=219,slow=25,SNR=3.9			flLg	03 33 05.2	+1.4
MK31	203nm,0.7s,baz=184,slow=26,SNR=11			flLg	03 33 21.1	-1.1
MKAR	Makanchi Array	3.24	360	Pn	03 33 16.5	-2.7
MKAR	0.5nm,0.3s,baz=183,slow=12,SNR=16			flS	03 32 44.9	-0.9
MKAR	11nm,0.3s,baz=187,slow=27,SNR=11			flLg	03 33 33.4	-1.7
MKAR	29nm,0.3s,baz=186,slow=26,SNR=20			flLg	03 32 48.5	-2.7
ARXS	Arharly	3.32	283	eP	03 33 40.3	-4.0
ARXS	6.0nm,0.3s			eS	03 33 40.3	-4.0
ARXS	205nm,0.6s			eS	03 33 49.9	-0.5
KOTS	Kotrybulak	3.81	267	eP	03 33 37.7	+0.9
KOTS	11nm,0.3s			eS	03 32 45.9	-1.1
KOTS	148nm,0.2s			eS	03 33 35.7	-1.6
MDOK	Medeo	3.87	266	flLg	03 32 48.5	-2.7
MDOK	36nm,0.6s			Lg	03 33 40.3	-4.0
MDOK	16nm,0.4s			eP	03 33 49.9	-0.5
MDOK	45nm,0.6s			flS	03 32 56.0	+0.5
CHKK	Chushkaly	3.88	276	eP	03 33 52.7	+1.3
CHKK	12nm,0.7s			eS	03 32 56.1	+0.1
CHKK	112nm,0.3s			eS	03 32 58.0	+0.4
KTBS	Karabote	4.10	274	eP	03 33 00.1	-2.0
KTBS	7.0nm,0.6s			eS	03 34 00.6	-2.1
IZV	Izvestkoviy	4.20	265	eP	03 33 03.3	-1.0
IZV	23nm,0.5s			eS	03 33 05.4	-0.9
IZV	72nm,0.3s			eS	03 34 12.3	
ZSN	Zaisan	4.29	24	eP	03 34 39.1	
ZSN	8.9nm,0.2s			eS	03 33 24.8	+1.4
MTBS	Maitube	4.32	266	eP	03 34 45.9	-3.4
MTBS	14nm,0.8s			eP	03 34 49.3	-1.6
MTBS	37nm,0.5s			flS	03 35 55.6	
KUU	Kury	4.35	277	eP	03 37 07.6	
KUU	7.8nm,0.5s			flS	03 37 07.6	
KST	Kastek	4.67	266	eP	03 38 56.5	+0.7
KST	23nm,1.1s			eS	03 42 15.1	-1.0
DGS	Degeres	4.78	269	eP	03 43 10.8	-0.9
DGS	11nm,0.3s			eS	03 34 12.3	
TKM2	Tokmak 2	4.95	265	flLg	03 34 39.1	
TKM2	25nm,0.7s			flLg	03 33 24.8	+1.4
AAK	Ala-Archa	5.80	264	flLg	03 34 45.9	-3.4
AAK	17nm,0.7s			flLg	03 34 49.3	-1.6
KURBB	Kurchatov Arra	7.53	341	Pn	03 35 55.6	
KURBB	0.2nm,0.3s,baz=182,slow=27,SNR=5.8			Pn	03 37 07.6	
KURBB	0.3nm,0.3s,baz=145,slow=25,SNR=4.2			Sn	03 38 56.5	+0.7
KURK	Kurchatov	7.60	342	flSn	03 42 15.1	-1.0
KURK	13nm,0.8s			flLg	03 43 10.8	-0.9
OTUK	Ortayu	8.39	307	flLg	03 43 10.8	-0.9
OTUK	22nm,0.7s			Lg	03 43 10.8	-0.9
ZALV	Zalesovo Beam	10.54	8	Lg	03 43 10.8	-0.9
ZALV	0.2nm,0.3s,baz=182,slow=27,SNR=5.8			Lg	03 43 10.8	-0.9
ARCES	ARCES Array B	38.49	339	P	03 43 10.8	-0.9
ARCES	3.6nm,1.0s,baz=85,slow=10.0,SNR=2.7			P	03 43 10.8	-0.9
ILAR	Eielson Array	65.37	21	P	03 43 10.8	-0.9
ILAR	0.3nm,0.7s,baz=327,slow=4.8,SNR=8.8			P	03 43 10.8	-0.9
TORD	Torodi Ar. Bea	74.31	273	P	03 43 10.8	-0.9
TORD	0.3nm,0.5s,baz=41,slow=5.4,SNR=6.1			P	03 43 10.8	-0.9

ISCJB 14 03:43:37.2,0.4,4.80N,0.03:125.47E,0.08,h184km,4km, mb3.8/11, Error ellipse: s-maj=12.7km s-min=4.7km az=169.3

MAN 14 03:43:37.2,4.70N,125.37E,h165km,mb5.0,ML4.0, MS4.1

DJA 14 03:43:39.6,1.1,5.9N,12.6E,h182km,6km,M4.4/8, mb4.8/4,mb4.2/6,MLV4.6/8,Mw(mb)4.1/4

IDC 14 03:43:39.5,0.9,4.90N,125.39E,h194km,8km,mb3.5/11, s-maj=3.7/13,mb1mx3.4/46,mbtmp4.1/13, Error ellipse: s-maj=20.3km s-min=10.3km az=74.0

ISC 14 03:43:38.3,0.7,4.80N,0.03:125.47E,0.08,h183km,6km, n25,-r137/38,mb3.8/11,2C,Taloud Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res																																
ISC	Op	h	m	s	ISC	ISC																																
SGSI	Sangihe	1.11	177	Op	03 44 50.4	+0.7																																
SGSI	Don Marcelino	1.32	11	Pn	03 44 27.9	-0.3																																
DDMP	General Santos	1.38	338	eP	03 45 07.2	0.0																																
DDMP	Bagumbayan (W)	1.94	332	eP	03 44 32.8	-0.1																																
SKMP	Davao City (Su)	2.26	3	P	03 44 14.3	-1.2																																
SKMP	88nm,0.3s,baz=281,slow=15,SNR=2.6			eS	03 44 41.4	-2.0																																
DAV	Musan	3.08	353	eP	03 44 20.9	+2.5																																
DAV	106nm,0.3s,baz=341,slow=22,SNR=7.8			Sn	03 44 50.4	+0.7																																
BUPK	Bislig	3.48	15	flP	03 44 27.9	-0.3																																
BUPK	Ternate	4.43	155	P	03 45 07.2	0.0																																
BUPK	Marisa	5.55	219	P	03 44 32.8	-0.1																																
BUPK	Labuha	5.77	159	P	03 45 14.3	-1.4																																
BIFP	Sanana	6.83	176	P	03 44 45.1	+0.1																																
BIFP	Namlea	8.15	168	P	03 45 35.1	-2.2																																
TNTI	Jayapura	16.87	115	P	03 45 07.2	+1.2																																
TNTI	2.1nm,0.3s,baz=149,slow=9.0,SNR=7.6			P	03 45 07.2	+1.2																																
MRSI	Fitzroy Crossi	22.75	180	P	03 46 07.1	-1.6																																
MRSI	2.9nm,0.3s,baz=344,slow=5.9,SNR=54			P	03 46 07.1	-1.6																																
LBMI	Warramunga Arr	26.09	161	P	03 47 26.3	+2.3																																
LBMI	0.7nm,0.4s,baz=334,slow=11,SNR=1.8			P	03 47 26.3	+2.3																																
SANI	Prapat	26.56	267	P	03 48 26.3	+2.3																																
SANI	0.7nm,0.8s,baz=338,slow=3.3,SNR=4.7			ScP	03 48 26.3	+2.3																																
NLAI	Chiang Mai Arr	29.25	300	P	03 49 00.4	+0.7																																
NLAI	2.1nm,0.3s,baz=184,slow=0.2,SNR=4.2			P	03 49 00.4	+0.7																																
JAY	Alice Springs	29.47	164	P	03 49 24.5	+1.1																																
JAY	0.7nm,0.4s,baz=124,slow=7.3,SNR=4.6			P	03 49 24.5	+1.1																																
FITZ	Alice Springs	29.47	164	P	03 49 26.6	+0.2																																
FITZ	0.6nm,0.3s,baz=345,slow=7.1,SNR=9.7			PcP	03 49 26.6	+0.2																																
WRA	Warramunga Arr	26.09	161	P	03 50 50.4	-0.6																																
WRA	0.7nm,0.4s,baz=334,slow=11,SNR=1.8			ScP	03 50 50.4	-0.6																																
PSI	Prapat	26.56	267	P	03 51 52.0	-0.3																																
PSI	0.9nm,0.7s,baz=337,slow=2.7,SNR=6.4			P	03 51 52.0	-0.3																																
CMAR	Chiang Mai Arr	29.25	300	P	03 51 12.0	+0.9																																
CMAR	2.1nm,0.3s,baz=184,slow=12,SNR=6.2			P	03 51 12.0	+0.9																																
ASAR	Alice Springs	29.47	164	P	03 52 55.8	-1.8																																
ASAR	0.9nm,0.4s,baz=118,slow=8.0,SNR=24			P	03 52 55.8	-1.8																																
ASAR	0.9nm,0.4s,baz=118,slow=8.0,SNR=24			PcP	03 52 55.8	-1.8																																
ASAR	0.5nm,0.4s,baz=113,slow=5.0,SNR=5.1			ASAR	0.5nm,0.4s,baz=113,slow=5.0,SNR=5.1			P	03 55 50.4	-0.6	ASAR	0.3nm,0.5s,baz=249,slow=5.0,SNR=6.2			P	03 55 50.4	-0.6	ASAR	0.3nm,0.5s,baz=249,slow=5.0,SNR=6.2			P	03 56 09.3	-0.6	ASAR	0.4nm,0.8s,baz=90,slow=1.6,SNR=3.4			PKP	04 02 08.9	-1.9	ASAR	0.5nm,0.3s,baz=76,slow=1.7,SNR=1.6			PKPdf	04 02 08.9	-1.9
ASAR	0.5nm,0.4s,baz=113,slow=5.0,SNR=5.1			P	03 55 50.4	-0.6																																
ASAR	0.3nm,0.5s,baz=249,slow=5.0,SNR=6.2			P	03 55 50.4	-0.6																																
ASAR	0.3nm,0.5s,baz=249,slow=5.0,SNR=6.2			P	03 56 09.3	-0.6																																
ASAR	0.4nm,0.8s,baz=90,slow=1.6,SNR=3.4			PKP	04 02 08.9	-1.9																																
ASAR	0.5nm,0.3s,baz=76,slow=1.7,SNR=1.6			PKPdf	04 02 08.9	-1.9																																

MAN 14 03:49:06.9,9.64N,126.48E,h2km,mb4.5,ML3.4,MS3.3, 2C,Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ISC	Op	h	m	s	ISC	ISC
SCPH	Surigao	0.99	278	eP	03 49 26.3	+0.4
SCPH	Butuan	1.08	232	eP	03 49 42.0	-0.3
BUTP	Butuan	1.08	232	eP	03 49 27.7	+0.1
BUTP	Cagayan de Oro	2.12	236	eP	03 49 46.4	+1.8
BUTP	Borongan	2.20	332	eP	03 49 46.3	+0.2
BESP	Borongan	2.20	332	eP	03 50 14.6	-0.5
BESP	Musan	2.24	219	eP	03 49 45.0	+0.5
BUPK	Musan	2.24	219	eP	03 50 16.5	-1.2
BUPK	Musan	2.24	219	eP	03 49 45.4	+0.3
BUPK	Musan	2.24	219	eP	03 50 14.1	+0.7

ISCJB 14 03:50:11.9,0.3,39.91N,0.02:16.03E,0.02,h11km,2km, mb4.0/6,MS3.9/1, Error ellipse: s-maj=2.9km s-min=2.3km az=145.5

ROM 14 03:50:11.2,0.1,39.89N,0.007:16.021E,0.009, h6km,1km,ML3.7/49

BEO 14 03:50:12.0,1.0,40.00N,15.73E,h5km,ML3.5/3

IDC 14 03:50:13.1,1.1,40.01N,16.11E,h0km,mb3.9/8, mb1.0/4,mb1mx3.8/39,mbtmp3.9/14,ML3.7/5,MS3.3/4, MS1.3/3,ms1mx2.8/49, Error ellipse: s-maj=20.1km s-min=16.4km az=51.0

ISC 14 03:50:12.2,1.2,39.89N,0.02:16.03E,0.02,h11km,8km, n14.1,r158/157,mb4.2/6,Southern Italy

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ISC	Op	h	m	s	ISC	ISC
CUC	Castrocuco	0.20	302	P	03 50 15.9	-0.1
CUC	Castrocuco	0.20	302	P	03 50 19.0	+0.4
CUC	comp=E,85500um,0.5s			AML	AML	
CUC</						

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Amaminishikomi, Tokunoshima, Okinorabujima, Takarajima, Yoronijima, Kunigami, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ketmen, Jarkent, Podgornye, Shalkode, Kapalarasan, etc.

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

ISCJB 14 04:51:02.51, 2.36:64N:0.06:142:1E:0.1, h19km, mb3.3/2, Error ellipse: s-maj=13.3km s-min=6.3km az=6.8

JMA 14 04:51:03.4, 2.36:66N:141.95E:h21km, mb3.3, M3.3, IDC 14 04:51:09.8, 2.36:39N:141.67E:h51km, mb3.3/2, Mb1.3/5.4, mb1mx3.2/5.2, mbmtpp3.6/4, ML3.2/2, MS4.3/1, Ms1.4/3.1, ms1mx3.2/3.1, Error ellipse: s-maj=107.4km s-min=24.8km az=85.0

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

BJU 14 04:51:44.8, 3.27S:100.61E, h19km, mb6.0/86, mB6.4/54, MS6.6/92, Ms6.6/57.8

ISCJB 14 04:51:46.2, 0.6:31S:100.02:100.58E:0.02, h23km, mb3km, mbm/2/53, MS6.3/261, Error ellipse: s-maj=3.5km s-min=2.1km az=35.0

IDC 14 04:51:47.6, 2.6:33S:100.58E, h21km, mb6.16km, mb5.4/41, Mb1.5/5.43, mb1mx5.4/47, mbmtpp5.6/43, ML5.0/2, MS6.1/29, Ms1.6/1.29, ms1mx0.4/2, Error ellipse: s-maj=11.5km s-min=8.9km az=44.0

MOS 14 04:51:47.9, 1.0:3:22S:100.63E, h33km, mb6.3/91, MS6.2/71, Error ellipse: s-maj=6.7km s-min=4.0km az=114.9

NEIC 14 04:51:47.1, 0.1:3:22S:100.59E, h19km, mb6.1/133, ME6.1, MS6.3/179, MW6.2, MW6.2, Error ellipse: s-maj=4.1km s-min=2.7km az=38.0, Moment Tensor Solution, s71 Moment tensor: Scale 10^18Nm; Mr1.59; Mw=1.07; Mm=0.51; Ml=1.52; Mv=0.24; Mw=0.96; Best double couple: M=2.00000x10^18 NP1:ps=120.000000, s71.000000, s94.000000. NP2:ps=289.000000, s19.000000, s80.000000. Principal axes: T 2.4900, Plg63.0000, Azm35.0000; N -0.4500, Plg3.0000, Azm299.0000; P -2.0400, Plg26.0000, Azm207.0000. Broadband fault plane solution: P waves: NP1:ps=110.000000, s11.000000, s90.000000, s81.000000. NP2:ps=130.000000, s85.000000, s90.000000. Principal axes: T Plg50.0000, Azm40.0000; N Plg0.0000, Azm0.0000; P Plg40.0000, Azm220.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Maura Aman, Be, Padang, Sungai Dareh, etc.

14d 4h

2012 SEP

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KBZ, ASF, MBAR, KIV, CHOM, SVRC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BRTR, MGZ, AFSR, VORD, LBTB, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like OBN, MDNY, KAVV, ISK, etc.

HLID	comp=Z,7j,m,19.0s	129.28	33	P	PKPdf	05 10 55.7 +0.5
BOZ	baz=312					
BOZ	Bozeman (W)	129.29	29	ePKPdf	PKPdf	05 10 54.8 -0.2
BOZ	comp=Z,7j,m,19.0s					
BOZ	Bozeman (W)	129.29	29	ePKIKP	PKPdf	05 10 54.8 -0.2
BOZ						
BOZ	comp=Z,7j,m,19.0s					
BOZ	Bozeman (W)	129.29	29	P	PKPdf	05 10 55.0 -0.1
WAKR	Walker	129.31	41	ePKPdf	PKPdf	05 10 56.7 +1.2
BMN	Battle Mountai	129.67	38	ePKPdf	PKPdf	05 10 56.4 +0.4
BMN						
RYN	Ryan	129.91	40	ePKPdf	PKPdf	05 10 05.8 -0.2
QLMT	Earthquake Lak	129.94	30	ePKPdf	PKPdf	05 10 57.6 +1.1
GCMT	Greycliff	130.07	28	ePKPdf	PKPdf	05 10 56.8 +0.3
MDPB	Devils Postpil	130.10	42	ePKPdf	PKPdf	05 10 57.9 +0.9
YHB	Horse Butte	130.11	29	ePKPdf	PKPdf	05 10 57.9 +1.1
NVAR	Mina Array Bea	130.17	40	PKIKP	PKPdf	05 10 51.6
NVAR	comp=Z,1.4nm,0.9s,baz=242,slow=1.2,SNR=5.6					
NVAR	PKP					
NVAR	comp=Z,2.3nm,1.0s,baz=233,slow=2.9,SNR=12					
NVAR	SKPbc					
NVAR	SKPab					
NVAR	05 14 18.0 -0.4					
OMMB	Old Mammoth M	130.17	42	ePKPdf	PKPdf	05 10 58.3 +1.2
DGMT	Dagmar	130.20	21	ePKPdf	PKPdf	05 10 57.0 +0.5
DGMT						
DGMT	comp=Z,9j,m,22.0s					
DGMT	Dagmar	130.20	21	P	PKPdf	05 10 56.6 +0.1
YVH	Holmes Hill	130.25	29	ePKPdf	PKPdf	05 10 58.0 +0.9
N111	Mina Array Sit	130.26	40	ePKPdf	PKPdf	05 10 58.2 +1.1
MLAC	Mammoth, Mammoth	130.27	41	P	PKPdf	05 10 57.5 +0.2
YMR	Madison River	130.28	29	ePKPdf	PKPdf	05 10 56.6 +0.4
PAGB	Antelope Grade	130.32	44	ePKPdf	PKPdf	05 10 58.8 +1.7
DLRN	Deer Lake	130.57	34	ePKPdf	PKPdf	05 10 57.4 +0.3
ITUM	Tungsten Hills	130.60	42	ePKPpre	PKPpre	05 10 46.1
LKWY	Lake	130.64	29	ePKPdf	PKPdf	05 10 57.1 -0.6
LKWY						
LKWY	comp=Z,7j,m,19.0s					
MFMB	Five Bridges	130.65	41	ePKPpre	PKPpre	05 10 46.0
H17A	Grant Village	130.68	29	ePKPdf	PKPdf	05 10 59.1 +1.2
H17A	Grant Village	130.68	29	P	PKPdf	05 10 58.8 +1.0
SMMC	Simmler	130.71	45	P	PKPdf	05 10 58.9 +1.0
RLMT	Red Lodge	130.76	28	ePKPdf	PKPdf	05 10 56.2 -1.8
RLMT						
RLMT	comp=Z,14j,m,19.0s					
RLMT	Red Lodge	130.76	28	P	PKPdf	05 10 58.3 +0.4
FLWY	Flag Ranch	130.84	30	ePKPdf	PKPdf	05 10 57.7 -0.4
IMW	Indian Meadow	130.86	30	ePKPdf	PKPdf	05 10 55.8 -2.5
LAO	LASA Array	130.88	24	ePKPdf	PKPdf	05 10 58.4 +0.5
LAO						
LAO	comp=Z,11j,m,20.0s					
LAO	LASA Array	130.88	24	P	PKPdf	05 10 58.5 +0.6
FXWY	Fox Creek	131.00	30	ePKPdf	PKPdf	05 10 58.1 -0.4
PKM	Mpherson Peak	131.06	45	ePKPdf	PKPdf	05 11 00.2 +1.4
MOOW	Moose Pond	131.06	30	ePKPdf	PKPdf	05 10 56.3 -2.3
VES	Vestal, Richgr	131.07	44	P	PKPdf	05 11 00.1 +1.6
ULM	Lac du Bonnet	131.17	14	PKP	PKPdf	05 10 57.1 -1.1
ULM	Lac du Bonnet	131.17	14	ePKPdf	PKPdf	05 10 57.7 -0.6
LOHW	Long Hollow	131.23	30	ePKPdf	PKPdf	05 10 59.3 +0.4
REDW	Red Top Meadow	131.29	30	ePKPdf	PKPdf	05 10 59.2 +0.2
HWC	Hansel Valley	131.38	33	ePKPdf	PKPdf	05 10 59.7 +0.6
CVU	Cottonwood Cre	131.43	42	P	PKPdf	05 11 00.2 +0.8
ISA	Isabella, Lake	131.58	43	P	PKPdf	05 10 59.9 +0.3
AHID	Auburn Hatcher	131.59	31	ePKPdf	PKPdf	05 10 59.5 -0.1
AHID						
AHID	comp=Z,8j,m,19.0s					
GRAC	Grapevine Rang	131.59	41	P	PKPdf	05 11 00.2 +0.7
ARCV	Arvin	131.62	44	P	PKPdf	05 11 00.4 +0.8
SCVZ	Santa Cruz Isl	131.63	46	P	PKPdf	05 11 00.4 +0.8
BGU	Big Grassy Mou	131.81	34	ePKPdf	PKPdf	05 11 00.3 +0.3
DAC	Darwin (Calif)	131.84	42	ePKPdf	PKPdf	05 10 59.8 -0.7
SPUT	South Promont	131.88	34	ePKPdf	PKPdf	05 11 00.5 +0.4
R11A	Troy Canyon, C	131.94	39	ePKPdf	PKPdf	05 11 00.9 +0.6
R11A	Troy Canyon, C	131.94	39	P	PKPdf	05 11 01.1 +0.7
BLG	Laguna Peak, P	131.99	46	P	PKPdf	05 11 00.9 +0.6
MPMC	Manual Propsec	132.02	42	P	PKPdf	05 11 01.3 +0.7
SNCC	San Nicolas Is	132.09	47	P	PKPdf	05 11 01.0 +0.5
FURC	Furnace Creek	132.22	42	P	PKPdf	05 11 01.2 +0.6
LRMC	Laurel Mtn Rad	132.22	43	P	PKPdf	05 11 01.4 +0.5
MDND	Madocci	132.31	18	ePKPdf	PKPdf	05 11 02.9 +2.4
EDW2	Edwards Air Fo	132.33	44	P	PKPdf	05 11 01.7 +0.7
TPNV	Topopah Spring	132.35	41	ePKPdf	PKPdf	05 10 59.6 -1.5
TPNV	Topopah Spring	132.35	41	P	PKPdf	05 11 01.7 +0.5
BW06	Boulder Array	132.37	30	ePKPdf	PKPdf	05 10 58.6 -2.4
BW06						
BW06	comp=Z,6j,m,19.0s					
BW06	Boulder Array	132.37	30	P	PKPdf	05 11 00.7 -0.4
PDAR	Pinedale Array	132.37	30	PKHKP	PKPpre	05 10 48.3
PDAR	comp=Z,0.3nm,0.5s,baz=233,slow=0.7,SNR=4.9					
PDAR	PKP					
PDAR	comp=Z,2.4nm,0.7s,baz=217,slow=2.2,SNR=1.7					
PDAR	PP					
PDAR	05 13 23.3 0.0					
PDAR	comp=Z,4.6nm,1.0s,baz=323,slow=2.2,SNR=4.0					
PDAR	PKPpre					
PDAR	PKPdf					
PDAR	05 10 48.3					
DUG	Dugway, Tooele	132.42	35	ePKPdf	PKPdf	05 11 01.5 +0.4
DUG						
DUG	comp=Z,6j,m,19.0s					
DUG	Dugway, Tooele	132.42	35	P	PKPdf	05 11 01.8 +0.6
DECC	Green Verdugo	132.43	45	P	PKPdf	05 11 01.1 -0.1
TCUT	Toone Canyon	132.58	33	ePKPdf	PKPdf	05 11 01.7 +0.1
CTU	Camp Tracy	132.68	34	ePKPdf	PKPdf	05 11 02.1 -0.4
FMP	Fort Macarthur	132.74	46	P	PKPdf	05 11 02.1 +0.4
CIS	Catalina Islan	132.81	46	P	PKPdf	05 11 02.1 +0.2
PSUT	Pine Spring	132.89	37	ePKPdf	PKPdf	05 11 02.4 +0.3
BFSC	Mount Baldy Ra	132.91	45	P	PKPdf	05 11 02.6 +0.3
JLU	Jordanelle	132.91	34	ePKPdf	PKPdf	05 11 02.1 -0.1
GSC	Goldstone, Bar	132.92	43	ePKPdf	PKPdf	05 11 02.1 0.0
GSC	Goldstone, Bar	132.92	43	P	PKPdf	05 11 02.7 +0.5
SHOC	Shoshone, Teco	132.94	42	P	PKPdf	05 11 02.9 +0.9
AGMN	Agassiz Nation	132.97	15	ePKPdf	PKPdf	05 11 01.3 -0.5
AGMN						
AGMN	comp=Z,11j,m,20.0s					
AGMN	Agassiz Nation	132.97	15	P	PKPdf	05 11 02.9 +1.1
SHPR	Sheep Range	133.32	40	ePKPdf	PKPdf	05 11 00.7 -2.3
BBRC	Big Bear Solar	133.41	44	P	PKPdf	05 11 03.8 +0.5
TUQ	Turquoise Moun	133.44	42	P	PKPdf	05 11 03.7 +0.5
HEC	Hector,Ludlow	133.50	43	P	PKPdf	05 11 03.7 +0.5
MURC	Murrieta	133.58	45	P	PKPdf	05 11 03.7 +0.3
MATQ	Matagami	133.69	358	P	PKPdf	05 11 03.9 +0.9
CCUT	Cedar City	133.81	38	ePKPdf	PKPdf	05 11 05.3 +1.4
RSSD	Black Hills	133.86	25	ePKPpre	PKPpre	05 10 54.9
RSSD						
RSSD	comp=Z,14j,m,22.0s					
RSSD	Black Hills	133.86	25	ePKIKP	PKPpre	05 10 54.9

RSSD						
RSSD	Black Hills	133.86	25	P	PKPdf	05 11 03.7
K22A	Casper	133.93	28	ePKPdf	PKPdf	05 11 03.8 -0.1
K22A	Casper	133.93	28	P	PKPdf	05 11 03.6 -0.3
SZCU	Shurtz Canyon	133.95	38	ePKPdf	PKPdf	05 11 04.0 -0.2
GMRC	Granite Mounta	133.98	43	P	PKPdf	05 11 05.2 +0.0
109C	camp Eliot, M	134.02	46	P	PKPdf	05 11 05.1 +0.9
FRD	Ford Ranch, An	134.05	45	P	PKPdf	05 11 05.1 +0.7
PFO	Pinyon Flats O	134.09	45	ePKPdf	PKPdf	05 11 03.1 -1.3
PFO	Pinyon Flats O	134.09	45	ePKPbc	SKPbc	05 11 03.4 -0.1
PFO						
PFO	comp=Z,4j,m,19.0s					
PFO	Pinyon Flats O	134.09	45	P	PKPdf	05 11 05.1 +0.7
XPFO	Pinyon Flat	134.09	45	ePKPdf	PKPdf	05 11 04.7 +0.3
BELC	Belle Mtn, Jos	134.19	44	P	PKPdf	05 11 05.8 +1.1
MTPU	Mount Pierson	134.21	37	ePKPdf	PKPdf	05 11 04.9 +0.1
LCMT	Little Creek M	134.22	39	ePKPdf	PKPdf	05 11 05.7 +1.1
EYMN	Eymin	134.31	11	ePP	PP	05 13 22.1 -0.6
EYMN						
EYMN	comp=Z,14j,m,22.0s					
RWWT	Rawlins	134.34	29	ePKPdf	PKPdf	05 11 04.0 -0.8
LSQQ	Las Anim-Quev	134.37	358	P	PKPdf	05 11 04.2 -0.1
BAR	Barrett	134.44	46	ePKPdf	PKPdf	05 11 04.8 -0.1
SRU	San Rafael Swe	134.46	34	ePKPdf	PKPdf	05 11 05.1 +0.1
MONPZ	Monument Peak	134.50	45	P	PKPdf	05 11 06.3 +1.0
PKCU	Pink Cliffs	134.52	37	ePKPdf	PKPdf	05 11 07.1 +1.7
IRM	Iron Mountain	134.69	43	P	PKPdf	05 11 06.5 +1.1
BEE2	Needles Airpor	134.70	42	P	PKPdf	05 11 06.2 +0.8
NATG	Northrup New	134.71	347	ePKPdf	PKPdf	05 11 04.9 -0.1
BC3	Big Chockawall	134.74	44	P	PKPdf	05 11 06.8 +1.1
IKP	Iron Peak, Jac	134.85	45	P	PKPdf	05 11 06.6 +0.7
SWSC	Sam W. Stewart	134.91	45	P	PKPdf	05 11 07.0 +1.1
O20A	White River Ci	134.97	32	P	PKPdf	05 11 06.3 +0.3
W13A	Hualapai Mount	134.99	41	ePKPdf	PKPdf	05 11 06.4 +0.2
U15A	North Rim	135.19	39	ePKPdf	PKPdf	05 11 07.0 +0.3
PDMLC	Parker Dam,Lak	135.29	42	P	PKPdf	05 11 07.3 +0.9
VLD0	Val d'Or	135.33	358	ePKPdf	PKPdf	05 11 05.3 -0.8
Y12C	Blythe	135.35	43	P	PKPdf	05 11 07.7 +1.1
PLCA	Paso Flores	135.45	190	PKP	PKPdf	05 11 05.0 -1.7
PLCA	comp=Z,5nm,0.9s,baz=300,slow=0.6,SNR=6.1					
PLCA	Paso Flores	135.45	190	ePKPdf	PKPdf	05 11 05.5 -0.2
SUSD	Miller	135.52	20	P	PKPdf	05 11 07.9 +1.2
GLA	Glamis	135.53	44	ePKPdf	PKPdf	05 11 06.7 -0.3
GLA	Glamis	135.53	44	P	PKPdf	05 11 08.2 +1.2
N23A	Red Feather La	135.56	29	ePKPdf	PKPdf	05 11 06.1 -1.1
N23A	Red Feather La	135.56	29	P	PKPdf	05 11 07.3 +0.1
E38A	The Farm, Brul	135.57	12	ePKPdf	PKPdf	05 11 06.6 -0.1
E38A	The Farm, Brul	135.57	12	P	PKPdf	05 11 07.9 +1.3
PV09	Paradox Valley	135.66	34	ePKPdf	PKPdf	05 11 07.2 -0.2
D41A	Chassel	135.68	9	ePKPdf	PKPdf	05 11 06.5 -0.2
D41A	Chassel	135.68	9	P	PKPdf	05 11 07.0 +0.1
PQI	Presque Isle	135.69	349	ePKPdf	PKPdf	05 11 07.0 +0.2
PV21	Cone Mtn., Par	135.71	34	ePKPdf	PKPdf	05 11 06.9 -0.6
LA7Q	La Togue	135.72	354	P	PKPdf	05 11 06.4 -0.5
LMN	Caledonia Moun	135.76	345	ePKPdf	PKPdf	05 11 06.6 -0.5
PV23	Carpenter Ridg	135.76	34	ePKPdf	PKPdf	05 11 07.9 +0.3
PV10	Paradox Valley	135.80	34	ePKPdf	PKPdf	05 11 07.9 +0.2
PV14	Lion Creek, Pa	135.81	34	ePKPdf	PKPdf	05 11 08.7 +1.1
TRQA	Tronquist	135.82	200	PKP	PKPdf	05 11 20.0 +1.3
PV20	West Nyswonger	135.86	34	ePKPdf	PKPdf	05 11 07.3 -0.4
PV19	Morning Glory	135.88	34	ePKPdf	PKPdf	05 11 07.5 -0.3
PV11	Nys					

K39A	Oelwein	139.20	14	P	PKPdf	05 11 14.2 +0.7
T25A	Trinidad	139.20	31	ePKPpre	PKPdf	05 11 06.2
T25A	Trinidad	139.20	31	P	PKPdf	05 11 14.6 +0.6
NCB	Newcomb	139.25	354	ePKPdf	PKPdf	05 11 11.1 -2.4
J43A	Natural Harves	139.28	10	P	PKPdf	05 11 11.9 -1.7
HNH	Hanover	139.28	352	ePKPdf	PKPdf	05 11 13.5 0.0
BWLO	Walkerton	139.32	2	P	PKPdf	05 11 11.9 -1.7
JFWS	Jewell Farm	139.37	12	ePKPdf	PKPdf	05 11 13.2 -0.6
JFWS	comp-Z, 8jum, 22.0s Jewell Farm	139.37	12	P	PKPdf	05 11 12.1 -1.7
K40A	Colesburg	139.38	13	P	PKPdf	05 11 12.7 -1.1
WLVO	Wesleyville	139.54	359	P	PKPdf	05 11 11.1 -2.9
DRCO	St. Marys Ceme	139.59	359	P	PKPdf	05 11 12.9 -1.3
DRWO	Darlington Wes	139.60	359	P	PKPdf	05 11 12.3 -1.8
SCIA	State Center	139.60	16	ePKPdf	PKPdf	05 11 13.4 -0.8
SCIA	comp-Z, 8jum, 20.0s State Center	139.60	16	P	PKPdf	05 11 12.5 -1.7
ANMO	Albuquerque	139.69	35	PKhKP	PKPpre	05 11 06.6
ANMO	comp-Z, 22nm, 1.2s, baz=282, slow=2.0, SNR=18	139.69	35	ePKPpre	PKPpre	05 11 08.4
ANMO	Albuquerque	139.69	35	ePKPpre	PKPpre	05 11 08.4
ANMO	comp-Z, 9jum, 19.0s Albuquerque	139.69	35	P	PKPdf	05 11 15.0 +0.1
K42A	Prairie Point,	139.69	11	P	PKPdf	05 11 13.3 -1.1
L39A	Vinton	139.72	15	P	PKPdf	05 11 15.4 +0.0
ACCN	Adirondack Com	139.77	354	ePKPdf	PKPdf	05 11 14.0 -0.5
ACTO	Acton	139.86	1	P	PKPpre	05 11 08.2
K43A	Burlington	139.95	10	P	PKPdf	05 11 13.4 -1.4
L40A	Anamosa	139.96	14	ePKPdf	PKPdf	05 11 13.4 -1.5
Y22D	IRIS PASSCAL I	140.03	37	P	PKPdf	05 11 16.7 +1.3
CBKS	Cedar Bluff	140.06	25	ePKPpre	PKPpre	05 11 07.9
CBKS	comp-Z, 11jum, 20.0s Cedar Bluff	140.06	25	ePKhKP	MLR	05 11 07.9
L41A	Preston	140.12	13	P	PKPdf	05 11 14.0 -1.1
M39A	Webster	140.28	15	P	PKPdf	05 11 16.6 +1.1
MEDO	Medina	140.30	359	P	PKPpre	05 11 11.3
HRV	Adam Dzewonski	140.35	351	ePKPdf	PKPdf	05 11 15.7 +0.2
HRV	Adam Dzewonski	140.35	351	P	PKPdf	05 11 17.0 +1.5
L42A	Oliver, Polo	140.37	12	ePKPdf	PKPdf	05 11 15.1 -0.5
L42A	Oliver, Polo	140.37	12	P	PKPdf	05 11 16.9 +1.3
TYNO	Tyneside	140.37	1	P	PKPdf	05 11 15.7 +0.2
L43A	Garden Prairie	140.38	11	P	PKPdf	05 11 17.0 +1.4
TRY	Troy	140.42	353	ePKPdf	PKPdf	05 11 15.6 -0.1
M40A	Post Highland	140.51	14	P	PKPdf	05 11 17.0 +1.1
L44A	Lake County Fo	140.54	10	P	PKPdf	05 11 15.4 -0.5
121A	Cookes Peak, D	140.54	39	P	PKPdf	05 11 17.2 +0.8
QUA2	Belchertown	140.69	352	ePKPdf	PKPdf	05 11 15.3 -0.9
MMNY	Mt. Morris Dam	140.72	358	ePKPdf	PKPdf	05 11 13.9 -2.3
N39A	Derby Farms, D	140.75	16	ePKPdf	PKPdf	05 11 12.7 -3.5
N39A	Derby Farms, D	140.75	16	P	PKPdf	05 11 17.5 +1.1
M41A	Milan	140.78	13	P	PKPdf	05 11 17.3 +0.9
M42A	Sheffield	140.88	12	P	PKPdf	05 11 17.6 +1.0
O37A	Wolfen Farm, M	140.93	18	P	PKPdf	05 11 17.8 +1.1
AAM	Ann Arbor	140.98	5	ePKPdf	PKPdf	05 11 15.4 -1.3
AAM	comp-Z, 10jum, 22.0s Ann Arbor	140.98	5	ePKIKP	MLR	05 11 15.4 -1.3
AAM	Ann Arbor	140.98	5	P	PKPdf	05 11 17.8 +1.1
N40A	Mertquake, Sal	140.99	15	P	PKPdf	05 11 15.6 -1.2
PMNB	Patos De Minas	141.01	235	eP	PKPpre	05 11 06.0
PMNB						05 11 13.8
PMNB						05 11 25.2
PMNB						05 11 32.6
PMNB						05 11 46.6
PMNB						05 11 57.7 -3.5
PMNB						05 12 08.6
KSU1	Kansas State U	141.05	22	ePKPpre	PKPpre	05 11 11.9
KSU1	comp-Z, 12jum, 20.0s Kansas State U	141.05	22	P	PKPdf	05 11 15.7 -1.2
M43A	Waltham Townsh	141.06	12	P	PKPdf	05 11 18.3 +1.5
BINY	Binghamton	141.16	356	ePKPdf	PKPdf	05 11 16.4 -0.6
BINY	comp-Z, 10jum, 20.0s Binghamton	141.16	356	P	PKPdf	05 11 16.2 -0.9
L49A	Milan	141.16	5	P	PKPdf	05 11 18.2 +1.2
O38A	Galt	141.17	17	P	PKPdf	05 11 18.3 +1.2
L48A	N Adams	141.25	6	P	PKPdf	05 11 16.1 -1.2
M44A	Midewin, Midew	141.28	10	P	PKPdf	05 11 18.6 +1.4
O39A	Kirksville	141.32	16	P	PKPdf	05 11 18.4 +1.0
N41A	Harden Midland	141.34	14	ePKPdf	PKPdf	05 11 15.8 -1.5
R43A	Erie	141.35	1	P	PKPdf	05 11 18.6 +1.2
P37A	Lathrop	141.39	19	P	PKPdf	05 11 18.9 +1.3
N42A	Yates City	141.41	13	P	PKPdf	05 11 18.7 +1.2
M45A	Bollermakers S	141.42	10	P	PKPdf	05 11 16.7 -0.9
N43A	Stutzman Family	141.49	12	P	PKPdf	05 11 16.8 -0.9
M46A	Old House Fiel	141.54	9	P	PKPdf	05 11 19.3 +1.5
P38A	Dawn	141.61	18	ePKPdf	PKPdf	05 11 15.4 -2.5
P38A	Dawn	141.61	18	P	PKPdf	05 11 19.2 +1.2
M48A	Edgerton	141.68	7	P	PKPdf	05 11 19.4 +1.4
M47A	Cromwell	141.69	8	P	PKPdf	05 11 19.4 +1.3
M49A	Liberty Center	141.77	6	P	PKPdf	05 11 19.6 +1.4
HDIL	Hopedale	141.84	12	ePKPpre	PKPpre	05 11 10.8
HDIL	comp-Z, 11jum, 21.0s Hopedale	141.84	12	P	PKPdf	05 11 17.9 -0.4
N44A	Piper City	141.84	11	P	PKPdf	05 11 19.9 +1.6
EPT	El Paso	141.85	39	ePKPdf	PKPdf	05 11 17.3 -1.5
O41A	Passleys Farm,	141.89	14	P	PKPdf	05 11 19.7 +1.2
N45A	Kentland	141.90	10	P	PKPdf	05 11 20.0 +1.6
M50A	Fremont	141.92	5	P	PKPdf	05 11 19.6 +1.2
M54A	Oil Creek Stat	141.96	0	P	PKPdf	05 11 20.2 +1.6

P39B	Salisbury	141.97	17	P	PKPdf	05 11 20.1 +1.5
N46A	Monticello	141.98	9	P	PKPdf	05 11 20.0 +1.4
Q37A	Gilbon Siewlew Farm,	142.00	19	P	PKPdf	05 11 19.3 +0.6
O42A	Bath	142.00	13	P	PKPdf	05 11 19.9 +1.3
M51A	Elyria	142.05	3	P	PKPdf	05 11 19.5 +0.8
O43A	Sugar Creek Fa	142.09	12	P	PKPdf	05 11 19.9 +1.1
PAL	Palisades	142.15	353	ePKPdf	PKPdf	05 11 17.6 -1.2
PAL	Palisades	142.15	353	ePKIKP	PKPdf	05 11 17.6 -1.2
PAL	Palisades	142.15	353	P	PKPdf	05 11 20.1 +1.2
N47A	Urbana	142.15	8	P	PKPdf	05 11 19.6 +0.7
Q38A	Cooks Store, C	142.19	18	P	PKPdf	05 11 19.7 +0.7
N48A	Decatur	142.26	7	P	PKPdf	05 11 20.5 +1.4
P41A	Barry, Barry	142.26	15	P	PKPdf	05 11 20.3 +1.2
N49A	Columbus Grove	142.29	6	P	PKPdf	05 11 20.4 +1.3
Q39A	Willow Grove F	142.31	17	P	PKPdf	05 11 20.4 +1.2
AMTX	Amarillo	142.34	31	ePKPdf	PKPdf	05 11 18.1 -1.4
AMTX	Amarillo	142.34	31	P	PKPdf	05 11 19.7 +0.2
CPNY	Central Park	142.37	353	ePKPdf	PKPdf	05 11 17.9 -1.3
O44A	Glansted	142.39	12	P	PKPdf	05 11 20.6 +1.3
N59A	State Game Lan	142.41	356	ePKPpre	PKPpre	05 11 16.0
N59A	State Game Lan	142.41	356	P	PKPdf	05 11 21.2 +1.8
SFIN	Lafayette	142.43	10	ePKPpre	PKPpre	05 11 14.0
SFIN	Lafayette	142.43	10	P	PKPdf	05 11 21.1 +1.8
O45A	Potomac	142.44	11	P	PKPdf	05 11 21.2 +1.8
N51A	Ashland	142.45	4	P	PKPdf	05 11 20.6 +1.2
MSTX	Muleshoe	142.47	33	ePKPpre	PKPpre	05 11 15.4
MSTX	Muleshoe	142.47	33	P	PKPdf	05 11 13.4
N54A	Moraine State	142.50	1	P	PKPdf	05 11 20.8 +1.3
BRNJ	Basking Ridge	142.54	354	ePKPdf	PKPdf	05 11 18.8 -0.8
N59A	Nevada	142.54	5	P	PKPpre	05 11 14.8
MNTX	Cornudas Mount	142.60	38	ePKPdf	PKPdf	05 11 17.8 -2.2
MNTX	comp-Z, 10jum, 19.0s Cornudas Mount	142.60	38	P	PKPpre	05 11 12.8
P43A	Skaggs, Pawnee	142.66	13	P	PKPpre	05 11 12.8
LUPA	Lehigh Unvers	142.70	355	ePKPdf	PKPdf	05 11 19.0 -0.8
O47A	Sheridan	142.71	9	P	PKPpre	05 11 13.8
R38A	baz=349, SNR=8.4 baz=353, SNR=17	142.81	19	P	PKPpre	05 11 14.6
SSPA	Standing Stone	142.81	358	ePKPdf	PKPdf	05 11 18.0 -2.0
SSPA	Standing Stone	142.81	358	P	PKPpre	05 11 14.3
O48A	baz=2, and baz=350	142.84	7	P	PKPpre	05 11 14.5
Q41A	Truxton	142.89	15	P	PKPpre	05 11 14.7
O49A	Levington	143.00	6	P	PKPpre	05 11 14.7
P44A	Sand Creek, Wi	143.02	12	P	PKPpre	05 11 17.0 +1.1
ACSO	Alum Creek Sta	143.09	5	ePKPpre	PKPpre	05 11 15.9
ACSO	comp-Z, 10jum, 19.0s Alum Creek Sta	143.09	5	P	PKPab	05 11 14.8 -1.1
Q42A	Golden Eagle	143.11	15	P	PKPab	05 11 15.1 -0.9
O50A	Cable	143.12	5	P	PKPab	05 11 15.4 -0.7
P45A	Graceland, Par	143.14	11	P	PKPab	05 11 15.0 -1.1
P46A	Rosedale	143.15	10	P	PKPab	05 11 16.0 -0.1
PAGS	Pennsylvania G	143.16	357	ePKPdf	PKPbc	05 11 18.5 +1.0
O51A	Pataksala	143.20	4	P	PKPab	05 11 15.5 -0.8
O52A	Adamsville	143.28	3	P	PKPab	05 11 16.2 -0.5
Q43A	New Douglas	143.29	14	P	PKPab	05 11 15.4 -1.3
S38A	Stockton	143.31	20	P	PKPab	05 11 15.3 -1.5
MVL	Millersville	143.37	356	ePKPpre	PKPpre	05 11 18.0
P47A	Martinsville	143.43	9	P	PKPpre	05 11 16.2 -1.1
S39A	Bolivar	143.45	19	P	PKPab	05 11 16.0 -1.4
R41A	Rosebud	143.47	16	P	PKPab	05 11 16.4 -1.0
Q44A	Meyer Farm, Va	143.48	13	P	PKPab	05 11 16.6 -0.9
P48A	Milroy	143.58	8	P	PKPab	05 11 16.2 -1.7
P49A	baz=350, SNR=25 Miami Univ, Ec	143.60	7	P	PKPab	05 11 16.2 -1.7
P50A	Weston	143.63	6	P	PKPab	05 11 17.5 -0.5
R42A	Luebbering	143.64	15	P	PKPab	05 11 17.4 -0.7
CPUP	Villa Florida	143.66	215	PKhKP	PKPpre	05 11 18.4
Q45A	Warren Harv,	143.67	12	P	PKPab	05 11 17.8 -0.4
Q46A	CEJHS Indians,	143.70	11	P	PKPab	05 11 17.4 -0.9
T38A	Diamond	143.72	20	P	PKPab	05 11 17.7 -0.7
P52A	Corning	143.75	4	P	PKPab	05 11 17.3 -1.2
BDFB	Brasilia	143.75	238	PKP	PKPbc	05 11 19.8 -0.2
BDFB	comp-Z, 7.2nm, 0.8s, baz=84, slow=2.2, SNR=11	143.75	238	ePKPdf	PKPdf	05 11 21.5 -1.0
MCMV	Montw Cheat	143.81	1	P	PKPab	05 11 18.0 -0.8
P51A	Williamsport	143.83	5	P	PKPab	05 11 17.6 -1.2
OLIL	Olney	143.84	12	ePKPpre	PKPpre	05 11 19.0
R43A	Red Bud	143.87	14	P	PKPpre	05 11 18.1 -0.9
WMOK	Wichita Mounta	143.87	28	ePKPdf	PKPab	05 11 18.8 -0.3
WMOK	comp-Z, 15jum, 22.0s Wichita Mounta	143.87	28	ePKIKP	MLR	05 11 18.8 -0.4
WMOK	Wichita Mounta	143.87	28	P	PKPab	05 11 18.9 -0.3
P53A	Whipple	143.93	3	P	PKPab	05 11 18.1 -1.1
Q47A	Bedord North L	143.95	9	P	PKPab	05 11 18.8 -0.5
FVM	French Village	144.02	15	ePKPdf	PKPbc	05 11 20.1 0.0
FVM	French Village	144.02	15	ePKIKP	PKPbc	05 11 20.1 0.0
S41A	Jillico Farms,	144.03	17	P	PKPab	05 11 19.1 -0.5
T39A	Cleaver	144.04	19	P	PKPab	05 11 18.9 -0.8
Q48A	North Vernon	144.06	9	P	PKPab	05 11 18.9 -0.8
R44A	baz=349, SNR=38 Wawarv, SNR=27	144.09	13	P		

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like CMIG, VHO, PNIG, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Name, and other technical details. Includes stations like TULEG Thule, CAST Castle Rocks, SVW2 Sparvevohn, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Name, and other technical details. Includes stations like NRN Naryn, KZA Kyzart, AAK Ala-Archa, etc.

14d 6h

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

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

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

ISCJB 14 06:46:13.8±0.5, 39.16N±0.03, 36.62E±0.03, h6km±5km, Error ellipse: s-maj=4.4km s-min=3.7km az=157.7

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res.

DJA 14 06:49:29.3±1.2, 6.5S±1.0, 10.2E±1.0, h6km±24km, M3.5/5, MLV3.5, Southern Sumatra

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res.

ISCJB 14 06:56:15.5±0.2, 39.65S±0.05, 16.09W±0.06, h11km, mb5.0/55, MS5.0/14, Error ellipse: s-maj=7.6km s-min=6.8km az=140.9

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res.

ISC 14 06:56:17.4±0.3, 39.65S±0.07, 16.06W±0.07, h11km, n210, c1938/180, mb5.0/55, MS5.0/15, 9C-12, Southern Mid-Atlantic Ridge

Table of astronomical observations for station 891, including columns for station name, object name, magnitude, position, and time.

Table of astronomical observations for station CASY, including columns for station name, object name, magnitude, position, and time.

Table of astronomical observations for station INK, including columns for station name, object name, magnitude, position, and time.

ISCJB 14 07:05:18.6... JMA 14 07:05:19.3... JMA 14 07:05:20.2... ISC 14 07:05:19.3... ISCJB 14 07:07:45.2... IDG 14 07:07:45.0... GMCT 14 07:07:49.0...

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H10S1 ASCENSION HYDR0.63, VNA1 Neumayer-Stat, H10N1 ASCENSION HYDR1.73, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HOPE Hope Point, SHEL Horse Pasture, SUR Sutherland, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SBA Scott Base, SBA SBA, VNA Vanda, etc.

JMA 14 07:18:02.60.1, 36.61N, 141.03E, h49km, m3.6, M3.6

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

ISCJB 14 07:18:37.0.0.2, 39.71S, 0.05-16.10W, 0.06, h11km, m5.1/60, MS5.2/142, Error ellipse: s-maj=7.3km

min=6.2km az=44.9
IDC 14 07:18:36.8.0.5, 39.62S; 15.92W, h0km, mb4.7/18, mb1.4/7.18, mb1mx4.6/26, mbtmp4.7/18, MS5.0/17, Ms1.5/0.17, ms1mx5.0/19, Error ellipse: s-maj=15.6km

NEIC 14 07:18:38.4.0.2, 39.68S; 16.01W, h10km, m5.1/42, MS5.2/120, Error ellipse: s-maj=8.0km s-min=6.0km az=159.0

BUI 14 07:18:39.4, 39.70S; 16.00W, h10km, mB5.6/6, MS5.6/10, Ms7.5/311

GCMT 14 07:18:41.4.0.1, 39.82S; 0.01-15.77W, 0.1, h12km, MW5.5/136, Moment Tensor Solution. s82.c126; s136.c273; Duration: 1s4 Moment tensor: Scale 1017 Nm; Mrr-2.43e+03; Mrr0.01e+03; Mrr2.42e+03; Mrr-0.11e+13; Mrr0.32e+03; Mrr-0.09e+10; Best double couple: Ms2.45000e+1017 NP1.355.00000e+846.00000e+1.94.00000e+ Principal axes: T 2.4640, P1g1.00000e+ Azm83.0000e+ N -0.0300, P1g3.0000e+, Azm173.0000e+; P -2.4370, P1g7.0000e+, Azm334.0000e+; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=90s. Triangulation station

ISC 14 07:18:38.8.0.3, 39.66S; 0.07-16.06W, 0.07, h11km, n313, c133/181, m5.1/60, MS5.2/143, 14C-4D, Southern

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MVO Moncorvo, MVO Moncorvo, MTJD Mount Denham, etc.

Table with columns: FIAO, FIAO, NB2, NB2, NB2, NRAO, NRAO, NRAO. Includes station names like NORARS Subarra and NORSAR Subarra.

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

KRAR 14 09:51:06.0.1.53.1913N.145.16E, h0km, mb3.5/6, mb1 3.9/6, mb1mx3.5/41, mbtmp3.5/6, Error ellipse: s-maj=132.4km s-min=19.8km az=117.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ZAAO Zalesovo Array and KURK Kurchatov.

NIED 14 10:13:00.3.30N.143.00E, h5km, Mw4.0 Best double couple: M0.1010000.1015. NP20.220.00000. d50.000000. l-74.000000.

IDC 14 10:13:15.0.9.35.20N.142.97E, h0km, mb3.8/7, mb1 4.0/10, mb1mx3.8/7, mbtmp3.8/10, ML3.2/3, MS2.9/5, Ms1 3.0/5, ms1mx2.6/36, Error ellipse: s-maj=23.3km s-min=17.9km az=83.0

JMA 14 10:13:16.2.0.5.35.35N.143.00E, h63km, M3.7, ISCJBJ 14 10:13:19.5.0.6.35.43N.0.04.142.76E.0.6, h59km, mb4.0/8, MS3.3/1, Error ellipse: s-maj=7.6km s-min=5.1km az=139.2

NEIC 14 10:13:20.3.0.7.35.22N.142.94E, h35km, mb4.4/1, Error ellipse: s-maj=14.0km s-min=10.3km az=57.0

ISC 14 10:13:22.5.0.9.35.44N.0.06.142.90E.0.08, h59km, n44, -2892/0, mb4.0/8, Off east coast of Honshu

Main table listing stations with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CHJO Chosi, BSO1 Boso 1, JHU Hitachinouchi, etc.

DDA 14 10:42:06.6.37.40N.41.73E, h7km, ML2.7, ISC 14 10:42:07.1.1.3.37.47N.0.07.41.73E.0.04, h17km, 12km, n9, e199315, Turkey

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like SIRT Sirkak, SIRT Mardin, MARD Mardin, etc.

NORS 14 10:44:11.2.0.0.42.93N.45.07E, h11km, MPVA3.8, MOS 14 10:44:11.1.0.0.43.00N.45.02E, h22km, MPVA3.8, TIF 14 10:44:12.2.1.43.03N.45.06E, h17km, 1km

MOS 14 10:44:13.1.1.1.43.02N.45.03E, h11km, mb3.8/1, Error ellipse: s-maj=7.6km s-min=5.8km az=18.4, ISC 14 10:44:14.2.0.8.42.98N.0.02.45.04E.0.01, h18km, 2km, n5, e182101, 2C-1D, Eastern Caucasus

Main table listing stations with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KMGR Komgaron, KMGR Komgaron, VLKR Vladikavkaz, etc.

ISCJBJ 14 11:00:04.3.1.4.4.9S.0.1.144.5E.0.2, h82km, mb3.5/5, Error ellipse: s-maj=29.1km s-min=16.9km az=2.1

IDC 14 11:00:06.7.5.1.4.91S.144.47E, h89km, 41km, mb3.4/5, mb1 3.6/7, mb1mx3.4/35, mbtmp3.7/7, Error ellipse: s-maj=48.3km s-min=22.5km az=97.0

ISC 14 11:00:05.6.1.5.4.95S.0.1.144.5E.0.2, h82km, n7, e0867/7, mb3.7/5, Near north coast of New Guinea

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

KRSC 14 11:08:09.7.1.1.55.28N.163.30E, h60km, 21km, ML4.6, ISCJBJ 14 11:08:11.6.0.4.55.31N.0.02.163.27E.0.05, h55km, 3km, mb4.0/14, MS3.2/3, Error ellipse: s-maj=4.7km s-min=3.3km az=22.1

MOS 14 11:08:11.9.0.7.55.33N.163.20E, h51km, mb4.7/2, Error ellipse: s-maj=7.0km s-min=4.9km az=68.9, NEIC 14 11:08:14.0.0.9.55.55N.162.89E, h49km, 9km, mb4.4/6, Error ellipse: s-maj=7.6km s-min=7.2km az=146.9

IDC 14 11:08:14.6.2.7.55.53N.162.95E, h56km, 26km, mb3.6/10, mb1 3.8/13, mb1mx3.6/46, mbtmp3.9/13, ML3.8/3, MS3.1/6, Ms1 3.1/6, ms1mx2.8/55, Error ellipse: s-maj=27.9km s-min=13.2km az=145.0

ISC 14 11:08:12.6.0.6.55.31N.0.03.163.28E.0.03, h42km, 6km, n140, e1827196, mb3.9/14, MS3.2/3, Off east coast of Kamchatka Peninsula

Main table listing stations with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KBTR Krutoberegovo, KBTR Krutoberegovo, KBG Krutoberegovo, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PET, KRMK, PE1A, etc.

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

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AFI, KNTN, PPT, etc.

SKHL 14 11:16:31.8,0.2,44.63N:150.36E, h33km, mb3.8/2
JMA 14 11:01.0,0.6,44.99N:150.28E, h30km, M3.8

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

IDC 14 11:20:32.9,0.2,35.92N:72.56E, h0km, mb4.1/4
ms1 3.5/2, ms1mx2.7/56, mbtmp4.2/5, ML4.5/1, MS3.5/2

NNC 14 11:20:59.8,2.3,37.49N:71.52E, h122km,45km, mb3.0,
mpv3.5, Error ellipse: s-maj=23.7km s-min=18.3km

ISC 14 11:21:00.0,0.2,37.5N:01:17.5E:0.1, h109km, m19,
o1312Z, mb4.1/4, 6C-4D, Afghanistan-Tajikistan border region

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

ISC/JB 14 11:32:36.7,0.5,42.60N:0:02:22.96E:0:03, h2km,5km,
Error ellipse: s-maj=4.5km s-min=3.3km az=138.1

BEO 14 11:32:37.0,0.2,42.57N:03:04E, h9km,2km, ML2.5/7
SOF 14 11:32:37.0,0.2,42.57N:03:04E, h2km, MD2.6

ISC 14 11:32:37.4,1.0,42.58N:0:03:22.99E:0:03, h7km,9km,
n34, o664Z, 3C-3D, Bulgaria

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

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVR, BOVS, BOVS, etc.

NEIC 14 11:49:51.6,1.1,56.70S:27:25W, h175km,11km, mb4.2/14,
Error ellipse: s-maj=8.9km s-min=2.4km az=65.0

ISC/JB 14 11:49:52.1,0.4,56.78S:0:05:27.3W:0.1, h200km,
mb4.0/16, Error ellipse: s-maj=11.1km s-min=6.3km

IDC 14 11:49:52.0,3.0,56.70S:27:13W, h180km,27km, mb3.9/6,
mb1 4.0/8, mb1mx3.7/23, mbttmp4.5/8, Error ellipse: s-maj=21.6km s-min=15.7km az=103.0

ISC 14 11:49:53.0,5.0,56.77S:0:07:27.20W:0:08, h200km, n44,
o189Z/47, mb4.1/15, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HOPE, VNA1, VNA3, etc.

BUI 14 11:53:15.0,0.40:40N:124:20W, h24km, mb5.1/5, mB5.4/5
IDC 14 11:53:16.3,4.2,40:59N:124:03W, h12km,22km, mb4.0/11,
mb1 4.2/5, mb1mx4.0/60, mbttmp4.1/15, ML4.0/4, MS3.5/16,
Ms1 3.5/16, ms1mx3.3/45, Error ellipse: s-maj=25.8km

NEIC 14 11:53:17.5,0.0,40:44N:124:19W, h27km, mb4.3/22,
MW4-4(BRK), After NEIC

NEIC Fall [V] at Fortuna, Hydysland and Scotia; [II] at Bayville,
Carliotta, Eureka, Fernside, Garberville, Lela, Petrolia,
Redway, Rio Dell and Whitehorn; [III] at Arcata, Kneeland,
Myers Flat and Samoa. Also fell at Blue Lake, Bridgeville,
Hoopa, McKinleyville, Mendocino, Placer, Redcrest, Santa
Rosa, Trinity Center and Willits.

ISC 14 11:53:16.9,1.1,40:49N:103:124:10W:0:04, h16km,7km,
n388, o181/401, mb4.3/25, MS3.6/12, Near coast of
northern California

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

KMRM		eSg	Sn	11 53 34.4 -1.0	
KCSM	Cold Springs	0.45 84 ePg	Pn	11 53 28.0 -0.8	
KHMM	Horse Mountain	0.47 36 ePg	Pn	11 53 28.3 -0.9	
KHMM		eSg	Pn	11 53 26.2 -1.1	
KKPM	Kettenpeak Peak	0.68 120 ePg	Pn	11 53 29.6 -0.6	
KIPM	Iron Peak	0.93 106 ePg	Pn	11 53 30.0 -0.6	
KCPM	Cahto Peak	0.90 154 ePg	Pn	11 53 30.1 -1.1	
KCPM		eSg	Pb	11 53 45.0 -0.9	
KBNM	Bluenose Ridge	0.92 131 ePg	Pb	11 53 34.5 0.0	
KOMM	Orleans Mounta	0.93 92 ePg	Pb	11 53 34.5 -0.2	
KFPM	Farley Peak	1.00 148 ePg	Pb	11 53 34.4 -1.4	
O02D	Mt. Diablo Mer	1.05 107 P	Pb	11 53 35.9 -0.8	
N02D	Trinity Center	1.17 65 P	Pb	11 53 38.0 -0.7	
N02D	baz=245,SNR=1000		S	11 53 53.4 -1.2	
GTC	Three Chop Rid	1.17 159 ePn	Pn	11 53 36.2 -2.4	
WDC	Whiskeytown Da	1.19 85 ePn	Pn	11 53 38.2 -0.7	
WDC		eSg	Pn	11 53 54.7 -0.7	
M02C	Callahan	1.30 46 P	Pn	11 53 39.9 -0.6	
M02C	baz=227,SNR=1000		S	11 53 56.2 -1.3	
GHMM	Hull Mountain	1.34 138 ePn	Pn	11 53 39.5 -1.6	
GHMM	Navarro Ridge	1.34 164 ePn	Pn	11 53 42.9 -1.8	
GASB	Alder Springs	1.35 128 ePn	Pn	11 53 40.1 -1.1	
GHOM	Hamilton Openi	1.51 163 ePn	Pn	11 53 40.6 -2.7	
KTRM	Thompson Ridge	1.52 21 ePn	Pn	11 53 42.6 -0.9	
YBH	Yreka Blue Hor	1.62 40 Pg	Pn	11 53 44.5 -0.4	
YBH	151nm,0.3s,baz=265,slow=11,SNR=377		Lg	11 54 04.7	
YBH	427nm,0.3s,baz=136,slow=19,SNR=18		Lg	11 54 04.7	
YBH	Yreka Blue Hor	1.62 40 ePn	Pn	11 53 44.9 -1.0	
YBH		eSg	Pb	11 54 05.8 -1.0	
L06M	Gray Butte	1.68 59 ePn	Pn	11 53 46.1 +0.3	
GHGM	Hogback Ridge	1.68 144 ePn	Pn	11 53 46.1 +1.8	
HOPS	Hopland Field	1.69 152 ePn	Pn	11 53 44.4 -1.4	
GGUM	Gualala	1.70 164 ePn	Pn	11 53 43.0 -2.9	
GSMN	Snow Mountain	1.70 155 ePn	Pn	11 53 43.8 -2.1	
L02D	Cave Junction,	1.71 13 P	Pn	11 53 45.1 -0.9	
L02D	baz=194,SNR=1000		S	11 54 06.5 -0.9	
O03D	Paynes Creek	1.77 96 ePn	Pn	11 53 45.7 -1.2	
O03D	Paynes Creek	1.77 96 ePn	Pn	11 53 45.7 -1.2	
LMPM	Military Pass	1.77 55 ePn	Pb	11 53 48.1 -1.0	
LHEM	Herd Peak	1.82 51 ePn	Pn	11 53 48.3 +0.5	
GKMK	Mount Konocai	1.83 146 ePn	Pn	11 53 46.4 -1.3	
B04D	Montague	1.84 43 ePn	Pn	11 53 49.1 +0.2	
GRMM	Pine Mountain	1.87 161 ePn	Pn	11 53 46.1 -1.4	
LBFM	Black Fox Moun	1.88 62 ePn	Pn	11 53 49.1 +0.6	
GDXM	Geyers	1.96 149 ePn	Pn	11 53 49.8 +0.2	
LDRM	Redding Peak	2.01 90 ePn	Pn	11 53 50.0 +0.3	
LGMN	Garner Mountain	2.05 53 +0.6	Pn	11 53 51.3 +0.6	
MGL	Magalita	2.06 108 ePn	Pn	11 53 49.6 -1.4	
OGOM	Van Goodwin Ran	2.09 113 ePn	Pn	11 53 49.7 -1.5	
GARM	Arbuckle	2.10 137 ePn	Pn	11 53 50.5 -0.8	
LTIM	Timbered Crate	2.10 70 ePn	Pn	11 53 51.6 +0.2	
FTR	Fort Ross	2.10 159 ePn	Pn	11 53 48.9 -2.5	
nmNCC	Milli Creek, So	2.11 154 ePn	Pn	11 53 49.3 -2.2	
LBCN	Butte Creek Ri	2.12 80 ePn	Pn	11 53 52.0 +0.9	
M04C	Macdoel	2.14 52 P	Pn	11 53 52.4 +0.4	
L04D	Klamath Falls	2.19 38 P	Pn	11 53 53.5 +0.8	
L04D	baz=219,SNR=1000		S	11 54 20.6 +1.0	
ORV	Oroville	2.21 114 ePn	Pn	11 53 51.8 -1.0	
ORV		eSg	Pn	11 54 18.4 -1.4	
K02D	Willamette Mer	2.23 8 P	Pn	11 53 52.2 -0.9	
K02D	baz=190,SNR=1000		S	11 54 19.0 -1.3	
OSTM	Stimpson Lane	2.23 119 ePn	Pn	11 53 51.4 -1.7	
HUMM	Hull Mountain	2.28 22 ePn	Pn	11 54 21.2 -0.4	
HUMO		eSg	Pn	11 53 52.7 -1.7	
OHCM	Honcut	2.32 149 ePn	Pn	11 53 54.1 -0.6	
NBPM	Berrysessa Peak	2.34 140 ePn	Pn	11 53 55.3 -0.4	
NDHM	Dunnigan Hills	2.42 135 ePn	Pn	11 53 57.1 +0.7	
VSP	Spence Mountai	2.46 41 ePn	Pn	11 53 59.2 +2.3	
MCCM	Marconi Center	2.50 92 ePn	Pn	11 53 58.4 0.0	
NADM	Allendale	2.62 140 ePn	Pn	11 53 58.0 -1.1	
J01D	Myrtle Point	2.67 3 P	Pn	11 54 28.4 -2.8	
J01D	baz=184,SNR=74		S	11 54 59.4 -0.4	
DBO	Dodson Butte	2.70 13 ePn	Pn	11 54 01.3 +0.7	
K04D	Chiloquin, OR	2.76 39 P	Pn	11 54 01.3 +0.7	
AFDM	Forest Hills D	2.86 122 ePn	Pn	11 54 01.1 -0.8	
BEKR	Beckwith	3.05 142 ePn	Pn	11 54 04.2 +0.2	
LOY	Loyalton	3.08 104 ePn	Pn	11 54 05.1 +0.1	
AASM	Arroyo Seco	3.10 131 ePn	Pn	11 54 04.2 -0.9	
JSBM	San Bruno Moun	3.11 154 ePn	Pn	11 54 06.4 +0.9	
IND	Independence	3.11 109 ePn	Pn	11 54 06.4 +0.8	
J04D	Umpqua Nationa	3.12 28 P	Pn	11 54 06.4 +0.8	
DONR	Donner Summit	3.12 110 ePn	Pn	11 54 06.1 +0.5	
KBF	Kyburz Flat	3.15 107 ePn	Pn	11 54 06.6 +0.6	
SAC	San Andreas	3.19 155 ePn	Pn	11 54 04.5 -1.9	
BABR	Babbitt Peak	3.19 105 ePn	Pn	11 54 06.9 +0.2	
MOD	Modoc Plateau	3.19 83 ePn	Pn	11 54 07.1 +0.4	
JCPM	Coyote Point	3.21 154 ePn	Pn	11 54 06.7 -0.5	
I03D	Drain, OR	3.25 10 P	Pn	11 54 07.1 -1.4	
I03D	baz=191,SNR=75		S	11 54 44.1 -1.4	
JCHM	Cañhil Ridge	3.26 155 ePn	Pn	11 54 07.9 +0.5	
K05A	Summer Lake	3.28 46 ePn	Pn	11 54 08.4 +0.6	
VPK	Verdi Peak	3.28 107 ePn	Pn	11 54 08.2 +0.3	
PEAR	Peavine Mounta	3.30 104 ePn	Pn	11 54 08.1 +0.1	
TAHR	Tahoe	3.31 119 ePn	Pn	11 54 09.1 -1.0	
RUBR	Rubicon Trail	3.37 114 ePn	Pn	11 54 10.1 +1.1	
EMB	Emerald Bay	3.44 115 ePn	Pn	11 54 10.3 +0.3	
JFP	Foothills Park	3.46 154 ePn	Pn	11 54 08.3 -1.9	
J05D	Fort Rock, OR	3.52 37 P	Pn	11 54 12.0 +1.0	
J05D	baz=219,SNR=953		S	11 54 51.7 -0.6	
I04A	Tendrick Farm,	3.53 20 P	Pn	11 54 11.5 +0.4	
I04A	baz=202,SNR=124		S	11 54 51.4 -1.1	
JHUM	Huhtala Lane,	3.60 155 ePn	Pn	11 54 10.2 -1.8	
I02D	Swissmore	3.62 3 P	Pn	11 54 12.0 -0.1	
I02D	baz=184,SNR=274		S	11 54 51.9 -2.6	
VNCR	Virginia City	3.63 108 ePn	Pn	11 54 13.0 +0.5	
GNO	Genoa	3.63 114 ePn	Pn	11 54 13.6 +1.0	
CMHM	Mount Mocho	3.65 143 ePn	Pn	11 54 13.9 +0.8	
JIOM	Saint Joseph's	3.68 153 ePn	Pn	11 54 13.2 -0.3	
PAHR	Pah Rah Range	3.70 101 ePn	Pn	11 54 14.9 +0.8	
PNTR	Pine Nut	3.74 111 ePn	Pn	11 54 15.1 +0.7	
IRO	Indian Ridge	3.77 21 ePn	Pn	11 54 14.4 -0.2	
CMB	Columbia Colle	3.79 129 ePn	Pn	11 54 16.0 -1.7	
ILAB	Laurel Hill	3.81 160 ePn	Pn	11 54 15.6 +0.4	
BFC	Buffalo Canyon	3.82 113 ePn	Pn	11 54 15.0 -0.3	
JUCM	University of	3.84 155 ePn	Pn	11 54 15.8 -3.4	
TCBU	Trout Butte	3.89 15 ePn	Pb	11 54 17.9 +0.5	
WIFE	Three Sisters	3.95 25 ePn	Pn	11 54 17.9 +0.5	
JELB	Ellicott, S	3.98 153 ePn	Pn	11 54 17.7 -1.4	
MOON	Moon Mountain	3.99 87 ePn	Pn	11 54 19.8 -1.8	
CBC	Chamberlain	4.04 151 ePn	Pn	11 54 19.0 +0.9	
PRLK	Prince Lake	4.04 22 ePn	Pn	11 54 18.6 +0.4	
YERR	Yerington	4.04 150 ePn	Pn	11 54 18.6 +0.4	
CSR	Chase Ranch	4.04 150 ePn	Pn	11 54 18.6 +0.4	
PINE	Pine Mountain	4.05 34 ePn	Pn	11 54 19.8 +1.5	
PINE		eSg	Pn	11 55 06.7 -0.7	
HCOM	Corn Cob Canyo	4.06 152 ePn	Pn	11 54 19.6 +1.3	
OCR	O'Connell Ranc	4.11 150 ePn	Pn	11 54 20.5 +1.6	
WAKR	Walker	4.12 117 ePn	Pn	11 54 20.6 +1.3	
COR	Corvallis	4.13 8 ePn	Pn	11 54 20.0 +0.7	
SCOR		eSg	Pn	11 54 20.7 +0.7	
HTUM	Tustin Road	4.13 151 ePn	Pn	11 54 20.2 +0.9	
H04D	Lebanon	4.15 14 P	Pn	11 54 20.4 +0.9	
H04D	baz=195,SNR=28		S	11 55 07.4 -0.3	
HJGM	San Juan Grade	4.19 151 ePn	Pn	11 54 20.8 +0.8	

SAO	San Andreas Ge	4.26 150 ePn	Pn	11 54 19.2 -1.9	
BVYM	Vineyard	4.29 150 ePn	Pn	11 54 20.4 -1.1	
BSRM	Salinas Radio	4.32 151 ePn	Pn	11 54 22.5 +0.5	
I05D	Terrebonne, OR	4.35 27 P	Pn	11 54 23.2 +0.8	
bpNCC	baz=209,SNR=38		Pn	11 54 22.4 -0.1	
H04A	Detroit Lake	4.42 18 ePn	Pn	11 54 24.2 +0.9	
H04A		eSg	Pn	11 54 14.7 +0.3	
JHC	Johnson Canyon	4.48 151 ePn	Pn	11 54 21.7 -2.3	
JMC	Emmet	4.49 147 ePn	Pn	11 54 25.6 +2.4	
WVOR	Wild Horse Val	4.52 22 ePn	Pn	11 54 25.7 +1.0	
WVOR		eSg	Pn	11 54 24.7 -0.3	
WVOR		eSg	Pn	11 55 10.4 +0.4	
MMIM	Miami Mountain	4.58 131 ePn	Pn	11 54 26.1 +0.6	
BSMM	Soledad Missio	4.61 152 ePn	Pn	11 54 25.6 -0.3	
BPIM	Pinnacles	4.61 149 ePn	Pn	11 54 26.6 +0.9	
BCWM	Chew's Ridge	4.63 54 ePn	Pn	11 54 25.5 -0.7	
SHG	Shirhall Gulc	4.65 150 ePn	Pn	11 54 26.6 +0.2	
RYN	Ryan	4.70 112 ePn	Pn	11 54 27.5 +0.3	
MHDM	Hidden Dam	4.71 134 ePn	Pn	11 54 28.1 +0.9	
LRV	Little Rabbit	4.73 148 ePn	Pn	11 54 29.3 +1.8	
G03D	McMinnville, O	4.76 7 P	Pn	11 54 28.9 +1.1	
MDPB	Devils Postpil	4.84 125 ePn	Pn	11 54 30.4 +1.1	
KVN	Kaiserville	4.84 105 ePn	Pn	11 54 29.4 +0.1	
MDYM	Dry Creek	4.87 124 ePn	Pn	11 54 31.0 +1.3	
LHV	Little Huntoon	4.88 116 ePn	Pn	11 54 30.8 +1.3	
FRI	French Ridge	4.90 140 ePn	Pn	11 54 30.8 +1.3	
OMMO	Old Mammoth Mi	4.90 124 ePn	Pn	11 54 31.4 +1.2	
NV11	Mina Array Sit	4.94 113 ePn	Pn	11 54 31.1 +0.5	
NVAR	Mina Array Bea	4.94 113 P	Pn	11 54 30.7 +0.1	
NVAR	34nm,0.3s,baz=288,slow=14,SNR=524		LR	11 57 04.2	
PCCM	comp=Z,594nm,18.1s,baz=40,slow=45		Pn	11 54 30.9 +0.2	
PMPB	Monarch Peak	5.00 148 ePn	Pn	11 54 30.9 -0.4	
NV11	Mina Array Sit	5.00 112 ePn	Pn	11 54 32.4 +0.4	
PAPM	Gold Peter	5.06 154 ePn	Pn	11 54 31.1 +1.0	
J08A	Circle Bar Ran	5.08 54 ePn	Pn	11 54 32.8 +0.4	
J08A		eSg	Pn	11 55 32.8 +2.0	
TDH	Tom, Dick, Har	5.09 19 ePn	Pn	11 54 34.2 +1.6	
PTV	Peak Tree Val	5.12 148 ePn	Pn	11 54 34.5 +1.6	
H0OD	Mount Hood Mea	5.15 20 ePn	Pn	11 54 35.2 +1.8	
G05D	Wamic, OR	5.17 22 P	Pn	11 54 34.6 +1.0	
G05D	baz=205,SNR=62		S	11 55 34.1 -1.2	
PHSB	Phaeria Broad	5.24 152 ePn	Pn	11 54 34.5 -0.1	
BMM	Battle Mountai	5.25 88 ePn	Pn	11 54 34.8 0.0	
PHM	Hoppe Ranch	5.28 147 ePn	Pn	11 54 36.1 +1.0	
G06A	Carlson Farm,	5.38 27 ePn	Pn	11 54 38.6 +2.1	
WKR	Work Ranch	5.46 148 ePn	Pn	11 54 38.7 +1.1	
BLDC	Black Mountain	5.55 152 ePn	Pn	11 54 39.0 +0.1	
PKLW	Keokuk Lake	5.57 147 ePn	Pn	11 54 40.7 +1.6	
PAGB	Antelope Grade	5.64 146 ePn	Pn	11 54 39.4 -0.7	
B023	Clatskanie	5.67 7 ePn	Pn	11 54 41.6 +1.3	
MTMW	Mount Mitchell	5.70 13 ePn	Pn	11 54 42.2 +1.2	
LVP	Lakeview Peak	5.71 12 ePn	Pn	11 54 42.1 +1.1	
F05D	White Salmon	5.72 19 P	Pn	11 54 42.2 +1.0	
B203	Quarry, Mount	5.82 12 ePn	Pn	11 54 43.5 +1.1	
JKLJ	June Lake	5.83 13 ePn	Pn	11 54 44.0 +1.4	
FL2	Flat Top 2	5.84 12 ePn	Pn	11 54 43.6 +0.7	
SHW	Mount Saint He	5.85 13 ePn	Pn	11 54 44.1 +1.5	
ESD	East Dome	5.88 13 ePn	Pn	11 54 45.0 +1.6	
B2					

Table with columns: YKA, YKA, 833A, V40A, KDAX, DAWY, MENT, LNIG, DHY, ILI, ILAR, INK, BPWA, IM3, MTP, BORG, JMJC, PPT, NB2, NOA, NOA, FINES, SONM, ZALV, ZALV, HHC, HHC, HHC, BRVK, BVAR, AKASG, KURK, KURBB, BDFB, ABKAR, WMQ, LZH, LZH, LZH, LZH, LZH, KSH. Includes station names, times, and phases.

ISC 14 11:53:18.23.4, 3.275:100.60E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.4/5, mbtmp3.5/5, Error ellipse: s-maj=151.8km s-min=20.9km az=54.0, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like H0RS2 Diego Garcia H, H0RS3 Diego Garcia H, H0RS1 Diego Garcia H, WRA Warramunga Arr, ASAR Alice Springs, SONM Songo Array, MKAR Makanchi Array, KURBB Kurchatov Arr.

CNRM 14 11:55:47.1, 33.81N:4.70W, h6km, Morocco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CZD Col de Zad, MDT Midelt, WRA Warramunga Arr, MKAR Makanchi Array, KURBB Kurchatov Arr.

ISC 14 12:01:00.92.7, 37.40N:7.36E, h159km, mb3.0km, mb2.6, mb0.5, Error ellipse: s-maj=28.4km s-min=23.7km az=83.0

ISC 14 12:01:00.4.2.8, 37.6N:02.74E:0.1, h10km, n6, c196/9, 2C-3D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KSH Kashi, SFK Sufi-Kagan, MNAS Manas, TKM2 Tokmak 2, KK31 Karatay Array, WMQ Urumqi.

SOME 14 12:13:39.7, 44.77N:82.25E, h20km, NNC 14 12:01:00.92.7, 37.40N:7.36E, h159km, mb3.1, mpv2.6, Error ellipse: s-maj=26.8km s-min=7.6km az=117.0

ISC 14 12:13:39.9.2.0, 44.7N:0.1, 82.2E:0.1, h8km, n28km, n7, c0888/12, 3C-2D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DJR Jarkent, DJR Jarkent, KTMS Ketmen, KTMS Ketmen.

Table with columns: MK31 Makanchi Array, MK31, KAPS Kapalassan, KAPS, MAKZ Makanchi, MAKZ, PDGK Podgornoye, PDGK, KPKS Koikek, KPKS, PDKA PDKA, PDKA.

ISCJCB 14 12:21:48.0.0.7, 43.51N:0.06:28.9W:0.1, h14km, mb3.8/7, MS3.4/1, Error ellipse: s-maj=14.7km s-min=8.3km az=170.5

ISC 14 12:21:47.8.1.1, 43.74N:28.91W, h0km, mb3.8/6, mb1 3.9/7, mb1mx3.7/53, mbttmp3.7/7, ML4.8/1, MS3.5/11, Ms1 3.5/11, ms1mx3.1/52, Error ellipse: s-maj=43.9km s-min=21.3km az=11.0

ISC 14 12:21:49.8.0.8, 43.63N:1.0:29.0W:0.1, h14km, n30, c1921/22, mb3.9/7, MS3.5/11, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ROSA Rosais, PCED Cedros, PMAN Manadas, CAI Caldera, PSCM Serra do Cume, PICO Pico, PCAN Candelaria, PSET Sete Cidades, PDA Ponta Delgada, GRON Grota Negra, GRON, CMLA Cha da Macela, BART Bartolome, PSMMA Santa Maria, PSMN Pico do Norte, ESDC Seneca Array, MDT Midelt, SFJD Kangerlussuaq, SCHO Schefferville, DAVOX Davos/Dischmat, FRB Frobisher Bay, TORO Torodi Arr, TORO, TORO, DBIC Dimbokro, ULM Lac du Bonnet, BRTR Keskin Array, PDAR Pinedale Array, PDAR, TXAR Lajitas Array, TXAR, MKAR Makanchi Array, SONM Songo Array, PETK Petropavlovsk, WRA Warramunga Arr.

ISC 14 12:23:18.8.1.4, 13.38N:119.98E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/47, mbttmp3.8/3, Error ellipse: s-maj=27.9km s-min=13.5km az=125.0

ISCJCB 14 12:23:19.4.1.7, 13.50N:0.05:119.93E:0.07, h11km, 12km, mb3.8/3, Error ellipse: s-maj=12.8km s-min=8.1km az=26.3

MAN 14 12:23:24.2, 13.45N:120.13E, h33km, mb4.5, ML3.3, MS3.2

ISC 14 12:23:20.8.2.0, 13.44N:0.05:120.05E:0.08, h12km, 13km, n10, c082/14, mb3.6/3, 2C, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TGY Tagaytay City, TGY, TGY, SJMP San Jose, SJMP, BUSP Coron, BUSP, LOAT Lukban, BOAC, OTRP Odiangan, OTRP, WRA Warramunga Arr, SONM Songo Array, ASAR Alice Springs, TIF Tif, NORS NORS, DDA DDA, ISC 14 12:28:27.8.1.1, 42.54N:0.03:42.82E:0.03, h8km, 10km, n16, c053/30, Western Caucasus, Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ONI Oni, DIGR Digorskoje zozhe, DIGR, ZEY Neytrino, ZEY, NEY Neytrino, ZEY, EPOS Posof, EPOS, LSNR Lesken, LSNR, KORR Kora, KORR, LACR Lac, LACR, SHA1 Shkhdzhatmaz, SHA1, AKH Akhalkalaki, AKH, TRLG Trialeti, TRLG, BORO Borcka, BORO, ARTV Artvin, ARTV, DAGI Agillar, DAGI.

ISC 14 12:28:27.8.0.0, 42.56N:42.83E, h5km, MPVA3.2, DDA 14 12:29:19.7, 42.30N:42.81E, h12km, M12.9

ISC 14 12:28:27.8.1.1, 42.54N:0.03:42.82E:0.03, h8km, 10km, n16, c053/30, Western Caucasus

TIF 14 12:28:26.3, 42.59N:42.79E, h11km, 7km, NORS 14 12:28:27.8.0.0, 42.56N:42.83E, h5km, MPVA3.2, DDA 14 12:29:19.7, 42.30N:42.81E, h12km, M12.9

ISC 14 12:28:27.8.1.1, 42.54N:0.03:42.82E:0.03, h8km, 10km, n16, c053/30, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TGY Tagaytay City, TGY, TGY, SJMP San Jose, SJMP, BUSP Coron, BUSP, LOAT Lukban, BOAC, OTRP Odiangan, OTRP, WRA Warramunga Arr, SONM Songo Array, ASAR Alice Springs, TIF Tif, NORS NORS, DDA DDA, ISC 14 12:28:27.8.0.0, 42.56N:42.83E, h5km, MPVA3.2, DDA 14 12:29:19.7, 42.30N:42.81E, h12km, M12.9, ISC 14 12:28:27.8.1.1, 42.54N:0.03:42.82E:0.03, h8km, 10km, n16, c053/30, Western Caucasus, Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ONI Oni, DIGR Digorskoje zozhe, DIGR, ZEY Neytrino, ZEY, NEY Neytrino, ZEY, EPOS Posof, EPOS, LSNR Lesken, LSNR, KORR Kora, KORR, LACR Lac, LACR, SHA1 Shkhdzhatmaz, SHA1, AKH Akhalkalaki, AKH, TRLG Trialeti, TRLG, BORO Borcka, BORO, ARTV Artvin, ARTV, DAGI Agillar, DAGI.

TIF 14 12:28:26.3, 42.59N:42.79E, h11km, 7km, NORS 14 12:28:27.8.0.0, 42.56N:42.83E, h5km, MPVA3.2, DDA 14 12:29:19.7, 42.30N:42.81E, h12km, M12.9

ISC 14 12:28:27.8.1.1, 42.54N:0.03:42.82E:0.03, h8km, 10km, n16, c053/30, Western Caucasus

ISC 14 12:28:27.8.0.0, 42.56N:42.83E, h5km, MPVA3.2, DDA 14 12:29:19.7, 42.30N:42.81E, h12km, M12.9

ISC 14 12:28:27.8.1.1, 42.54N:0.03:42.82E:0.03, h8km, 10km, n16, c053/30, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TOSF Speyside, TOSF, TXAR Lajitas Array, CPUP Ula Florida, ULM Lac du Bonnet, PDAR Pinedale Array, YKA Yellowknife Arr, ILAR Gielson Array, MDD 14 12:48:47.9.4.9, 41.80N:11.40W, h10km, mb3.6/4, Error ellipse: s-maj=76.8km s-min=41.9km az=43.0, PRXIMO SIN SLOCIN, North Atlantic Ocean, Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like EGRO El Granado, EGRO, EMIN Mina Concepcio, EMIN.

Table with columns: DBAD Bademkaya, DBAD, DDEM Demirkent, DBAD, DDEM.

ISC 14 12:40:33.7.2.3, 11.00S:113.66E, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.6/32, mbttmp3.8/4, Error ellipse: s-maj=107.0km s-min=21.4km az=6.0

ISCJCB 14 12:40:35.5.0.8, 10.90S:0.07:113.75E:0.06, h25km, mb3.7/4, Error ellipse: s-maj=11.3km s-min=7.3km az=24.4

DJA 14 12:40:37.5.1.1, 11.54S:11.41E:1.1, h17km, 7km, M4.2/19, mb4.3/5, MLV4.1/19

ISC 14 12:40:36.5.1.0, 11.03S:0.07:113.73E:0.06, h25km, n24, c187/24, mb3.7/4, South of Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like JAGI Jajag, Banyuw, JAGI, IGBI Denpasar, IGBI, GUMI Denpasar, GUMI, BLJI Banjaruyugur, SRBI Singaraja, PWJI Pagerwojo, PCUJ Pagerwojo, TWSI Alice Springs, KMMI Kallangit, WOJI Wonogiri, GRUJ Gresik, URMJ Wanagama, PLAI Plampang, WBAI Waikabubak, KPJI Karang Pucung, FITZ Fitzroy Crossi, FITZ, WRA Warramunga Arr, ASAR Alice Springs, H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, MKAR Makanchi Array.

ISCJCB 14 12:41:31.7.0.4, 16.14N:0.03:61.82W:0.07, h181km, 3km, mb3.5/6, Error ellipse: s-maj=11.8km s-min=4.1km az=159.5

TRN 14 12:41:32.0.0.6, 16.16N:61.78W, h176km, MD3.7, IDC 14 12:41:32.0.0.6, 16.13N:61.88W, h170km, 6km, mb3.3/6, mb1 3.6/7, mb1mx3.3/30, mbttmp3.8/7, MS3.2/1, Ms1 3.2/1, ms1mx2.4/15, Error ellipse: s-maj=18.3km s-min=10.1km az=59.0

ISC 14 12:41:32.4.0.8, 16.14N:0.05:61.83W:0.07, h179km, 5km, n46, c084/6, mb3.4/6, 1C-8D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LZG Guadaloupe-1, MLG Mont-d'or, SSG Sans Toucher, FNG Fond-Bernard, TAG Tarade, BCG Bois Riant Cap, DCG Gouadalupe-2, TBG Gouadalupe-3, TBG, MGG Marie-Galante, MDPV Dominica, Penn, MDPV, MDCV Dominica, Viel, MLTY Lee's Yard, BBL Barber's Block, BBL, DEG La Desirade, DEG, HGSN1 Guadeloupe/Mar, HGSN1, DLPL La Plaine, DLPL, ANWB Willy Bob, ANWB, BDF Fort de France, BDF, H0S1 Guadeloupe/Mar, H0S1, SLW Petit Monier, SLW, SLB Belfond, SLB, SLB, SLPA Patience, SLPA, SLDE Delcer, SLDE, SFAN Fancy Village, SSV Crater Summit, SSV, SVV Soufriere Voie, SVV, SVB Belmont, SVB, SVC St. Vincent, C, BVGH Gun Hill, BVGH, BBSP Saint Philip, BBSP, GRSS Sisters, GRSS, GRHS Sauteres, GRHS, GRGR Grenade, GRGR, SJJ San Juan, SJJ, SJG 5.4nm, 0.3s, baz=317, slow=22, SNR=7.1, TOSF Speyside, TOSF, TXAR Lajitas Array, CPUP Ula Florida, ULM Lac du Bonnet, PDAR Pinedale Array, YKA Yellowknife Arr, ILAR Gielson Array, MDD 14 12:48:47.9.4.9, 41.80N:11.40W, h10km, mb3.6/4, Error ellipse: s-maj=76.8km s-min=41.9km az=43.0, PRXIMO SIN SLOCIN, North Atlantic Ocean, Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like EGRO El Granado, EGRO, EMIN Mina Concepcio, EMIN.

14d 14h

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

2012 SEP

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

900

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TYC, YM05, YM04, TWGBT, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, WB2, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H0S2, H0S3, H0S1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FOZ, WHZ, PAE, PPT2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M40C, M40C, M40C, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKY Skiros Island, SMG Samos, SKY comp=N,1560um,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIMA Simav-Kutahya, RDO Rodhopi, RDO Rodhopi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station WRA Warramunga Arr.

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

ISCJB 14 17:48:59.2,0.7,34.23N,0.03,140.270E,0.07, h63km,8km, mb3.4/2, Error ellipse: s-maj=9.7km s-min=5.3km

JMA Feb1 J1, IDC 14 17:49:00.1,0.1,34.27N,140.29E, h46km,3km, M3.7

ISC 14 17:48:59.1,2,34.23N,0.04,140.31E,0.06, h50km,14km, n16,0#84/26,4C-3D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BSO3 Boso 3, JMKM Mikurajimianishi, BSO1 Boso 1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JTHY Toshihahigashi, JKO Kozu shima, JKO Mitsune, etc.

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

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

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

CHGB	Renai	0.59 285	J/P	Pn	20 15 57.4	-0.2
CHGB	Noudou			eS	20 16 06.2	-0.2
EHY	Hungye	0.59 228	P	Sn	20 15 56.5	-0.9
EHY				eS	20 16 05.5	-0.6
NNSB	Datong	0.64 324	P	Pn	20 15 58.0	-0.1
NNSB				S	20 16 07.3	-0.1
NNS	Nan Shan	0.66 324	P	Pn	20 15 58.2	-0.1
NNS				eS	20 16 08.0	+0.3
TDCB	Techi	0.68 301	eP	Pn	20 15 58.7	0.0
TDCB				eS	20 16 08.2	-0.1
YULB	Yu-ii	0.69 222	P	Pn	20 15 57.6	-1.0
TWC	Suao	0.70 4	P	Pn	20 15 58.9	+0.1
TWC				S	20 16 09.3	+0.8
EOS1	EOS1	0.71 25	eP	Pn	20 15 59.3	+0.5
EOS1				eS	20 16 10.3	+1.7
TWF1	Yuli	0.72 220	P	Pn	20 15 58.1	-0.9
TWF1				eS	20 16 08.1	-1.0
ENTT	Noudou	0.76 344	P	Pn	20 15 59.6	-0.1
ENTT				S	20 16 10.1	+0.1
SSLB	Suangleung	0.78 261	P	Pn	20 15 59.6	-0.3
TWE	Neicheng	0.82 352	eP	Pn	20 16 13.2	+0.7
TWE				eS	20 16 12.1	+0.7
SMLT	Sun Moon Lake	0.82 268	eP	Pn	20 16 00.5	-0.1
SMLT				eS	20 16 12.2	+0.5
FULB	Fuli	0.84 213	P	Pn	20 16 00.5	-0.3
FULB				eS	20 16 12.8	+0.7
YHNB	Yehng	0.85 333	eP	Pn	20 16 01.0	0.0
YHNB				eS	20 16 13.0	+0.7
TYC	Yuchr	0.86 270	eP	Pn	20 16 00.9	0.0
TYC				eS	20 16 13.2	+0.7
NSK	Sanguang	0.86 332	eP	Pn	20 16 00.9	-0.2
NSK				S	20 16 12.6	0.0
YUS	Yu-Shan	0.88 242	eP	Pn	20 16 01.4	-0.3
YUS				eS	20 16 13.8	+0.2
CHKT	Chengkung	0.90 206	eP	Pn	20 16 01.9	+0.4
CHKT				eS	20 16 13.8	+0.4
NWLT	Wulai	0.91 343	eP	Pn	20 16 01.8	+0.2
NWLT				eS	20 16 14.3	+0.7
WJS	Zhushan	0.98 265	eP	Pn	20 16 03.4	+0.8
WJS				eS	20 16 16.4	+1.0
ALS	Alishan	0.99 247	eP	Pn	20 16 03.0	0.0
ALS				eS	20 16 16.4	+0.4
ELDTW	Lidau	1.01 225	↑P	Pn	20 16 02.1	-1.1
ELDTW				eS	20 16 16.9	+0.6
WNT	Mingjian	1.02 269	eP	Pn	20 16 03.9	+0.8
WNT				eS	20 16 18.5	+2.1
LI0B	Emei	1.02 316	eP	Pn	20 16 04.4	+1.2
LI0B				eS	20 16 17.3	+0.9
NSTT	Nanjuang	1.02 315	eP	Pn	20 16 04.1	+0.9
NSTT				eS	20 16 17.3	+0.9
TIPB	Shuangxi	1.06 1	eP	Pn	20 16 04.4	+0.6
TIPB				eS	20 16 18.0	+0.7
CHN5	Tsauling	1.07 253	eP	Pn	20 16 04.3	+0.3
CHN5				eS	20 16 18.4	+0.7
PTSB	Yuanli	1.14 298	eS	Sn	20 16 20.7	+1.5
WCHH	Zhanghua	1.15 279	eS	Sn	20 16 20.8	+1.3
WDLH	Douliu	1.18 260	eS	Sn	20 16 21.3	+1.2
TPUB	Ta-pu	1.23 241	eP	Pn	20 16 06.8	+0.8
TPUB				eS	20 16 22.6	+1.0
YOJ	Yonaguni jima	1.24 63	eP	Pn	20 16 06.5	+0.4
YOJ				eS	20 16 22.2	+0.6
CHN4	Tsashan	1.24 244	eP	Pn	20 16 07.0	+0.9
CHN4				eS	20 16 22.8	+1.2
YMO1	YMO1	1.25 350	eP	Pn	20 16 06.8	+0.5
YMO1				eS	20 16 22.9	+0.9
YMO10	YMO10	1.26 350	eS	Sn	20 16 23.1	+0.8
YMO5	YMO5	1.27 350	eP	Pn	20 16 06.9	+0.3
YMO5				eS	20 16 22.9	+0.4
YMO11	YMO11	1.27 351	eS	Sn	20 16 23.3	+0.9
TWGBT	Beinan	1.27 212	eP	Pn	20 16 04.9	-1.7
TWGBT				eS	20 16 23.5	+1.1
TWG	Pinlang	1.27 212	eP	Pn	20 16 05.5	-1.1
TWG				eS	20 16 23.5	+1.0
WTP	Ta-pu	1.27 239	eP	Pn	20 16 07.2	+0.5
WTP				eS	20 16 23.7	+0.7
YMO7	YMO7	1.27 353	eP	Pn	20 16 07.3	+0.6
YMO7				eS	20 16 23.1	+0.5
YMO8	YMO8	1.29 352	eS	Sn	20 16 23.9	+0.9
RLNB	Erlin	1.32 270	eP	Pn	20 16 08.0	+0.8
RLNB				eS	20 16 24.9	+1.3
CHY	Chiyai	1.32 252	eS	Sn	20 16 24.6	+0.9
CHY				eS	20 16 08.4	+0.5
TKW	Hsiinying	1.36 242	eP	Pn	20 16 08.4	+0.5
TKW				eS	20 16 26.5	+1.7
CHN1	Nanshi	1.37 239	eP	Pn	20 16 08.7	+0.8
CHN1				eS	20 16 08.7	+0.8

CHN1			eS	Sn	20 16 26.1	+1.1
SGST	Jiashian	1.39 234	eS	Sn	20 16 27.2	+1.9
WTCT	Ta-feng	1.39 269	eS	Sn	20 16 27.9	+2.6
SLGT	Liugui	1.40 230	eP	Pn	20 16 09.3	+1.0
SLGT				eS	20 16 27.1	+1.6
ECL	Taimali	1.52 211	eS	Sn	20 16 26.7	-1.8
SSD	Sandimen	1.58 223	eP	Pn	20 16 11.3	+0.5
SSD				eS	20 16 31.1	+1.1
MASBT	Mashibuluo	1.68 220	eP	Pn	20 16 12.2	0.0
MASBT				eS	20 16 33.9	+1.4
IRIF	Iriomote-Funau	1.81 76	P	Pn	20 16 14.2	+0.2
IRIF				eS	20 16 36.4	+0.6
JKRS	Kuro-shima	2.05 80	P	Sn	20 16 17.1	-0.1
JKRS				eS	20 16 42.6	+1.1
PHUB	P'eng-hu	2.08 260	eS	Sn	20 16 41.5	-0.8
JJJ	Ishigaki jima	2.19 78	P	Pn	20 16 18.9	-0.3
JJJ				eS	20 16 43.9	+1.1
JISG	Ishigakijimah	2.39 73	P	Sn	20 16 19.1	-0.2
JISG				eS	20 16 49.0	-1.0
YWUC	YWUC	2.40 297	eP	Pn	20 16 20.9	-1.1
YWUC				eS	20 16 46.5	-3.6
PTTC	Pingtian	2.43 311	eP	Sn	20 16 48.0	-3.0
PTMZ	Houxiangcun	2.69 295	eP	Pn	20 16 23.8	-2.4
PTMZ				eS	20 16 53.7	-3.7
JTJ	Tarama	2.75 74	eS	Sn	20 16 57.3	-1.5

GCMT 14 20:24:19.9.0.3, 43.93N, 0.02:129.34W, 0.02, h19km, 1km, MW4, 9/91, Moment Tensor Solution, s19.c19, s91.c124, Duration: 0. Moment tensor: Scale 10^16Nm; Mrr-1.1E-15; Mth-0.97E-11; Mtb-2.09E-12; Mtr-1.05E-24; Mtt-2.03E-08; Mtt-0.74E-20; Best double couple: M0287200x10^16 NP2: p1=17.00000°, δ57.00000°, λ-13.00000°. Principal axes: T 3.3890, Plg14.0000°, Azm242.0000°; N -1.0290, Plg55.0000°, Azm130.0000°; P -2.3550, Plg31.0000°, Azm341.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISCJJB 14 20:24:21.4.1.3.44:14N:128:95W:0.02, h15km, mb4.7/122, MS3.9/20 Error ellipse: s-maj=2.7km s-min=1.7km az=139.5

ISC 14 20:24:21.4.1.3.44:16N:128:75W, h0km, mb4.2/27, mb1 4.5/12, mb1mx4.1/60, mbtmp4.2/12, ML3.8/5, MS3.9/27, Mb1 3.9/12, mb1mx3.7/45, Error ellipse: s-maj=2.5km s-min=1.3km az=41.0

NEIC 14 20:24:21.9.0.2.44:13N:129:07W, h10km, mb4.7/173, Error ellipse: s-maj=3.5km s-min=1.9km az=46.0

ISC 14 20:24:22.6.0.5.44:11N:0.05:128.97W:0.06, h15km, n61.1, c117/606, mb4.8/123, MS3.9/20, Off coast of Oregon

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
I02D	Swisschwo	3.69	88	Op	ISC	h m s	ISC
I02D	baz=272,SNR=9.1			S	Sn	20 25 17.9	-1.2
J01D	Myrtle Point	3.78	103	P	Pn	20 25 17.5	-2.8
J01D				S	Sn	20 26 02.4	-2.1
J03D	Drain, OR	4.09	94	P	Pn	20 25 23.8	-0.7
J03D	baz=296			S	Sn	20 25 23.6	-1.1
COR	Corvallis	4.09	81	ePn	Pn	20 25 11.2	-1.1
COR				eSn	Sn	20 25 21.8	-3.3
K02D	Willamette Mer	4.12	108	P	Sn	20 26 10.3	-2.8
K02D	baz=292			S	Sn	20 25 25.1	-0.9
KMOR	Kings Mountain	4.18	67	ePn	Pn	20 25 24.5	-1.8
G03D	McIntyre, O	4.22	73	P	Pn	20 25 25.6	-1.1
G03D	baz=257,SNR=21			eSn	Sn	20 25 25.6	-1.1
F03A	Seaside	4.25	63	ePn	Pn	20 25 16.0	-0.1
F03A				eSn	Sn	20 25 25.7	-1.6
DBO	Dodson Butte	4.28	101	ePn	Pn	20 25 26.4	-2.3
L02D	Gav Junction	4.39	115	P	Pn	20 26 17.7	-1.8
L02D				S	Sn	20 25 29.4	-0.8
H04D	Lebanon	4.49	83	P	Pn	20 25 29.7	-0.8
H04D	baz=276,SNR=34			ePn	Pn	20 25 29.7	-0.8
E03A	Lebanon	4.53	56	ePn	Pn	20 26 21.8	-1.1
E03A				eSn	Sn	20 25 30.5	-0.1
B019	Raymond	4.53	54	ePn	Pn	20 25 31.5	-0.4
B023	Clatskanie	4.63	52	ePn	Pn	20 26 24.3	-1.4
HUMO	Hull Mountain	4.64	107	ePn	Pn	20 25 32.1	-0.3
HUMO				eSn	Sn	20 25 32.1	-0.3
F04D	Rainier, OR	4.66	63	P	Pn	20 25 32.8	-1.4
F04D	baz=248,SNR=7.2			P	Pn	20 25 33.8	-1.4
I04A	Tendick Farm,	4.75	92	P	Pn	20 25 36.2	+1.1
I04A	baz=276,SNR=39			P	Pn	20 25 34.2	-0.8
B017	Montesano	4.77	51	ePn	Pn	20 25 35.2	-0.5
IRO	Indian Ridge	4.84	89	ePn	Pn	20 25 35.9	+1.8
NLWA	Neilton Lookou	4.85	46	ePn	Pn	20 25 35.3	-0.5
H04A	Detroit Lake	4.90	81	ePn	Pn	20 25 35.3	-0.5
H04A				eSn	Sn	20 25 35.3	-0.5
C03A	Quillayute Air	4.91	37	ePn	Pn	20 25 38.5	+0.7
JCC	Jacoby Creek,	4.92	130	ePn	Pn	20 25 38.7	+1.5
LVP	Lakeview Peak	5.04	65	ePn	Pn	20 25 37.4	-0.6
PRLK	Prince Lake	5.05	86	ePn	Pn	20 25 38.0	-1.0
KHMM	Horse Mountain	5.05	128	ePn	Pn	20 25 41.1	+1.6
J04D	Umpqua Nationa	5.05	98	P	Pn	20 25 39.1	+0.3
J04D	baz=282,SNR=22			P	Pn	20 25 39.1	+0.3
SMW	South Mountain	5.08	49	ePn	Pn	20 25 38.0	-1.0
B203	Quarry, Mount	5.13	64	ePn	Pn	20 25 38.0	-1.0
FLZ	Flat Top 2	5.13	64	ePn	Pn	20 25 38.0	-1.0
E04D		5.14	59	P	Pn	20 25 41.1	+1.6
WIFE	Three Sisters-	5.16	88	ePn	Pn	20 25 39.5	+0.2
MTMW	Mount Mitchell	5.16	66	ePn	Pn	20 25 38.5	-0.6
YBH	Yreka Blue Hor	5.18	115	Pn	Pn	20 25 41.1	+1.6
YBH	0.9mm, 0.3s, baz=74, slow=21, SNR=4.2			LR	LR	20 27 23.0	
YBH	comp=Z, 603mm, 21.8s, baz=299, slow=36			LR	LR	20 25 38.4	-1.2
YBH	Yreka Blue Hor	5.18	115	ePn	Pn	20 26 38.5	-0.6
YBH				S	Sn	20 25 40.0	-0.2
B201	Coldwater, Mou	5.22	63	ePn	Pn	20 25 39.5	-0.9
L04D	Klamath Falls	5.23	109	P	Pn	20 26 40.5	-0.1
L04D	baz=293,SNR=36			S	Sn	20 25 42.1	+0.5
TDH	Tom, Dick, Har	5.25	75	ePn	Pn	20 25 39.2	-1.6
M02C	Callahan	5.26	119	P	Pn	20 25 41.3	+0.3
M02C	baz=303			ePn	Pn	20 25 41.3	+0.3
B202	Windy Ridge, M	5.28	64	ePn	Pn	20 25 41.3	+0.3
D04D	Lakebay	5.32	53	P	Pn	20 25 43.1	+0.8
D03D	Eldon	5.35	48	P	Pn	20 25 43.1	+0.8
D03D	baz=233,SNR=51			S	Sn	20 25 43.1	+0.8
HOOD	Mount Hood Mea	5.36	74	ePn			

14d 20h

Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes call signs like FLWY, MOOV, CTU, BFSC, etc.

2012 SEP

Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes call signs like ISCO, ISSD, TUC, Q2A, etc.

908

Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes call signs like CAST, MDM, BPAW, FYU, etc.

W39A	Magazine	28.34	96	eP	P	20 30 16.1	+0.3
W39A	Magazine	28.34	96	eP	P	20 30 16.4	+0.5
O41A	Passleys Farm, baz=293	28.37	85	P	P	20 30 15.9	-0.1
P41A	Barry, Barry baz=292	28.40	86	P	P	20 30 16.3	0.0
833A	Chapparral WMA, 9.0nm, 0.6s	28.40	114	eP	P	20 30 16.2	-0.2
X39A	Fountain Ranch baz=292	28.44	98	P	P	20 30 17.0	+0.2
U40A	Yellville baz=297	28.47	93	P	P	20 30 17.4	+0.6
Q41A	Truxton baz=293	28.55	87	P	P	20 30 17.4	-0.2
L42A	Oliver, Polo baz=294	28.61	80	eP	P	20 30 18.5	+0.3
L42A	Oliver, Polo baz=288	28.61	80	P	P	20 30 18.5	+0.3
I42A	Draeger Farm, 17nm, 0.8s	28.62	76	P	P	20 30 18.9	+0.7
I42A	Draeger Farm, baz=285	28.62	76	P	P	20 30 19.5	+1.3
G42A	Mountain baz=282	28.64	73	eP	P	20 30 18.6	+0.1
G42A	Mountain baz=282	28.64	73	P	P	20 30 18.7	+0.2
R41A	Rosebud baz=294, SNR=6.3	28.70	89	P	P	20 30 18.3	-0.7
S41A	Jiffico Farms, baz=295	28.73	90	P	P	20 30 19.5	+0.2
N42A	Yates City baz=290	28.73	83	P	P	20 30 19.4	+0.2
V40A	Witts Springs 25nm, 1.0s	28.74	94	eP	P	20 30 19.6	+0.1
V40A	Witts Springs baz=298	28.74	94	P	P	20 30 18.4	-1.0
M1AR	Mount Ida baz=300, SNR=13	28.81	97	P	P	20 30 20.2	+0.1
PIA2	Winchester 24nm, 1.3s	28.84	85	eP	P	20 30 19.5	-1.6
P42A	Winchester baz=292	28.84	85	P	P	20 30 20.8	-0.4
T1A1	Mountain View baz=296	28.95	91	P	P	20 30 21.0	-0.2
J43A	Natural Harves baz=286	29.10	77	P	P	20 30 23.0	+0.4
U41A	Viola baz=297	29.14	93	P	P	20 30 21.3	-1.7
G43A	Wallace baz=293	29.15	73	P	P	20 30 22.4	-0.6
G43A	Wallace baz=293	29.15	73	P	P	20 30 22.9	-0.1
I43A	Langenfeld Bro baz=285	29.16	76	P	P	20 30 23.5	+0.4
V41A	Mountainview baz=292	29.23	94	P	P	20 30 23.4	-0.4
H43A	Windswept, Lux 16nm, 0.8s	29.28	75	eP	P	20 30 24.0	-0.1
H43A	Windswept, Lux baz=284	29.28	75	P	P	20 30 24.8	+0.7
N43A	Stutzman Famil baz=290	29.31	82	P	P	20 30 24.3	0.0
S42A	Caledonia baz=295	29.33	89	P	P	20 30 24.8	+0.1
HD1L	Hopedale 27nm, 0.9s	29.35	83	eP	P	20 30 24.6	-0.1
K43A	Burlington 22nm, 1.0s	29.35	78	eP	P	20 30 24.5	-0.2
WHAR	Woody Hollow 21nm, 0.9s	29.37	95	eP	P	20 30 25.0	0.0
T42A	Van Buren 15nm, 1.1s	29.43	91	eP	P	20 30 26.8	+1.3
T42A	Van Buren baz=296	29.43	91	P	P	20 30 26.3	+0.7
W41B	Gary Mavity, V 25nm, 0.8s	29.45	95	eP	P	20 30 25.7	0.0
W41B	Gary Mavity, V baz=292	29.45	95	P	P	20 30 26.4	+0.7
FVM	French Village 11nm, 0.9s	29.51	89	eP	P	20 30 25.6	-0.6
UALR	University of 20nm, 1.3s	29.58	96	eP	P	20 30 27.0	+0.2
U42A	Reverden baz=297	29.63	92	P	P	20 30 27.1	-0.2
HKT	Hockley 58nm, 1.8s	29.77	107	eP	P	20 30 28.0	-0.1
V42A	Cord baz=298	29.77	93	P	P	20 30 27.7	-0.9
140A	Cam and Jess, 44nm, 0.8s	29.80	100	eP	P	20 30 30.2	+1.4
L44A	Lake County Fo baz=295	29.80	79	P	P	20 30 27.9	-0.8
S43A	Fulton Ridge, baz=295	29.93	89	P	P	20 30 31.1	+1.2
T43A	Greenville baz=295	29.99	90	P	P	20 30 29.7	-0.8
240A	Hunter Patters 30nm, 1.1s	30.00	102	eP	P	20 30 32.2	+1.6
PBMO	Poplar Bluff 8.8nm, 0.6s	30.02	91	eP	P	20 30 29.7	-1.0
Z41A	Richland Creek 139nm, 2.0s	30.02	99	eP	P	20 30 31.6	+0.8
P44A	Sand Creek, Wi baz=292	30.03	85	P	P	20 30 32.6	+0.8
Q45A	Warren Harvey, baz=293, SNR=5.2	30.78	85	P	P	20 30 36.8	-0.6
P45A	Graceland, Par baz=292	30.83	84	P	P	20 30 39.0	+1.1
R45A	Skylar, Fairri baz=294	30.93	87	P	P	20 30 38.5	-0.3
SFIN	Lafayette baz=291	30.98	82	P	P	20 30 39.5	+0.3
K47A	Vermontville baz=286	31.71	77	P	P	20 30 45.5	-0.1
L47A	Sherwood baz=289	31.78	78	P	P	20 30 47.0	+0.7
OXF	Oxford 42nm, 0.8s	31.81	94	eP	P	20 30 46.5	-0.1
OXF	Oxford baz=300	31.81	94	P	P	20 30 46.6	+0.1
P47A	Martinsville baz=292	31.90	83	P	P	20 30 48.3	+1.0
V46A	Holladay baz=298	32.13	91	P	P	20 30 49.1	-0.2
WVT	Waverly 11nm, 1.1s	32.19	90	eP	P	20 30 48.7	-1.2
WVT	Waverly baz=297	32.19	90	P	P	20 30 49.3	-0.5
N48A	Decatur baz=291	32.28	80	P	P	20 30 52.4	+1.8
M48A	Edgerton 22nm, 0.8s	32.29	79	eP	P	20 30 50.7	0.0
M48A	Edgerton baz=290	32.29	79	P	P	20 30 50.8	+0.1
T47A	Sharon Grove baz=296	32.32	88	P	P	20 30 51.1	+0.1
L48A	W Adams baz=289, SNR=6.0	32.34	78	P	P	20 30 50.3	-0.8
O48A	Farmland baz=292	32.41	81	P	P	20 30 52.3	+0.5
Y46A	Houston baz=300	32.52	94	P	P	20 30 52.4	-0.4
PLAL	Pickwick Lake 17nm, 1.1s	32.55	92	eP	P	20 30 52.5	-0.5
V47A	Nunnely baz=295	32.55	90	P	P	20 30 52.7	-0.3
A47A	Westpoint baz=298	32.76	91	P	P	20 30 54.7	-0.3
T48A	Bowling Green baz=298	32.78	87	P	P	20 30 55.0	-0.1
S48A	Wiedeman Farm, baz=295	32.79	86	P	P	20 30 56.1	+1.0
M49A	Liberty Center 22nm, 0.8s	32.82	79	P	P	20 30 55.1	-0.2
N49A	Columbus Grove baz=291	32.86	80	P	P	20 30 55.6	-0.1
O49A	Covington baz=295	33.02	81	P	P	20 30 57.7	+0.6
V48A	Smith Brothers 18nm, 1.3s	33.09	90	eP	P	20 30 56.3	-1.4
V48A	Smith Brothers baz=298	33.09	90	P	P	20 30 57.3	-0.5
W48A	Pulaski baz=299	33.29	91	P	P	20 30 58.1	-1.4
Z48A	Northport baz=301	33.72	94	P	P	20 31 02.6	-0.7

Y48A	Jasper baz=300	33.72	93	P	P	20 31 02.6	-0.7
V49A	McMinville baz=298	33.74	89	P	P	20 31 02.9	-0.5
W49A	Beldere baz=299	33.78	91	P	P	20 31 03.3	-0.5
ACSO	Alum Creek Sta baz=292	33.96	80	P	P	20 31 07.1	+1.7
SS0A	Richmond baz=292	33.97	85	P	P	20 31 06.8	+1.4
SWET	Sewanee 21nm, 1.3s	33.98	90	eP	P	20 31 06.5	+1.0
X49A	Woodville 21nm, 1.3s	34.03	92	P	P	20 31 07.6	+1.6
P51A	Williamsport 15nm, 0.9s	34.20	82	eP	P	20 31 06.9	-0.4
Y49A	Blount Mountai 34.29	93	P	P	20 31 08.1	-0.1	
R51A	Hillsboro baz=295	34.30	84	P	P	20 31 08.2	0.0
V50A	Pikeville baz=298	34.36	89	P	P	20 31 08.9	0.0
W50A	Signal Mountai 24nm, 1.3s	34.43	90	eP	P	20 31 09.1	-0.4
W50A	Signal Mountai baz=299	34.43	90	P	P	20 31 08.9	-0.6
X50B	Fort Payne baz=290	34.54	91	P	P	20 31 09.8	-0.7
Y50A	Piedmont baz=300	34.77	92	P	P	20 31 12.1	-0.3
W51A	Cleveland baz=299	34.85	89	P	P	20 31 12.6	-0.4
Z50A	Ashland 59nm, 1.9s	34.95	93	eP	P	20 31 14.1	+0.1
Z50A	Ashland baz=301	34.95	93	P	P	20 31 14.1	+0.1
X51A	Calhoun 21nm, 0.9s	35.06	90	eP	P	20 31 15.1	+0.2
X51A	Calhoun baz=299	35.06	90	P	P	20 31 15.1	+0.2
SADO	Sadowa 12nm, 0.8s, baz=313, slow=9.2, SNR=7.1	35.13	71	eP	LR	20 31 16.1	+0.7
SADO	comp=Z, 673nm, 18.5s, baz=322, slow=37	35.13	71	eP	LR	20 46 00.8	
SADO	Sadowa 17nm, 0.8s	35.13	71	eP	P	20 31 15.4	0.0
150A	Eclectic baz=302	35.22	94	P	P	20 31 16.2	0.0
T52A	Hallie baz=296	35.23	85	P	P	20 31 16.4	0.0
Y51A	Rockmart baz=300	35.24	92	P	P	20 31 16.1	-0.4
U52A	Thorn Hill baz=299	35.28	87	P	P	20 31 15.6	-1.2
TKL	Tuckaleechee C 35.28	88	eP	P	20 31 20.6	+3.4	
TKL	comp=Z, 745nm, 18.8s, baz=302, slow=37	35.28	88	eP	LR	20 46 17.0	
TKL	Tuckaleechee C 35.32	88	eP	P	20 31 20.1	+2.9	
X52A	Dahlonega baz=299	35.74	90	P	P	20 31 20.1	-0.7
M54A	Oil Creek Stat 35.84	77	eP	P	20 31 22.2	+0.7	
M54A	Oil Creek Stat baz=291	35.84	77	P	P	20 31 21.2	-0.3
U53A	Fall Branch baz=301	35.86	86	P	P	20 31 21.3	-0.5
Z52A	Williamson baz=301	36.07	92	P	P	20 31 23.5	0.0
152A	Waverly Hall 36.12	93	P	P	20 31 24.0	0.0	
X53A	Estanollee baz=299	36.22	89	P	P	20 31 24.0	-0.8
252A	Lumpkin baz=302	36.46	94	P	P	20 31 26.9	0.0
353A	Carlia baz=303	37.18	95	P	P	20 31 33.0	-0.1
TRQ	Mont Tremblant 37.80	67	eP	P	20 31 38.0	-0.2	
LONY	Lake Ozonia 38.27	70	P	P	20 31 42.4	+0.2	
N59A	State Game Lan 38.78	76	eP	P	20 31 46.1	-0.4	
N59A	State Game Lan baz=293	38.78	76	P	P	20 31 46.0	-0.5
FRNY	Flat Rock 38.87	69	eP	P	20 31 46.5	-0.7	
MOQ	Mont Orford 39.61	68	eP	P	20 31 53.0	-0.4	
LBNH	Lisbon 40.19	69	eP	P	20 32 00.8	+2.6	
LBNH	Lisbon 40.19	69	P	P	20 32 00.2	+2.0	
SCHO	Schefferville 40.49	52	LR	LR	20 48 43.6		
TEIG	Tepeich 41.30	112	eP	P	20 32 09.1	+1.6	
PKME	Peaks-Kenny Pk 41.59	67	P	P	20 32 10.4	+0.8	
WVL	Waterville 41.60	68	eP	P	20 32 11.2	+1.5	
LMN	Caledonia Moun 44.32	64	eP	P	20 32 33.6	+1.8	
TGUH	Tegucigalpa, Un 46.42	117	eP	P	20 32 50.9	+2.2	
SUMG	Summit 48.74	24	P	P	20 33 08.6	+2.0	
SDV	Santo Domingo 61.75	113	LR	LR	20 44 02.2	+2.2	
ROSC	El Rosal 61.75	113	LR	LR	21 07 50.3		
OTAV	Otavalo 62.56	120	eP	P	20 34 47.5	+0.9	
NR1K	Noril'sk 63.70	346	LR	LR	21 02 48.9		
USRIK	Ussuriysk Arr 66.39	309	LR	LR	21 03 21.0		
MDJ	Mudanjiang 67.45	311	eP	P	20 35 20.4	+2.9	
FINES	FINES Array B 72.87	12	LR	LR	21 09 52.0		
KSR5	Korea Array 73.14	306	LR	LR	21 04 51.6		
KS15	Konju Array Si 73.17	306	eP	P	20 35 52.1	-0.5	
PTGA	Pitinga 75.57	105	eP	P	20 36 06.0	-0.8	
S0NA1	Songino Array 76.29	325	eP	P	20 36 08.7	-2.0	
S0NM	Songino Array 76.30	325	LR	LR	21 08 55.5		
GUMO	Guam 77.94	277	eP	P	20 36 19.4	-0.9	
ZAA1	Zalesovo Array 78.13	340	eP	P	20 36 22.6	+1.9	
ZAA0	Zalesovo Array 78.13	340	eP	P	20 36 19.4	-1.3	
ZALV	Zalesovo Beam 78.13	340	eP	P	20 36 22.6	+1.9	
ZALV	comp=Z, 43nm, 21.8s, baz=64, slow=36	78.13	340	eP	LR	21 11 25.7	
ZALV	Zalesovo Beam 78.13	340	eP	P	20 36 20.4	-0.4	
HHC	Hu-ho-hao-tse 79.44	318	eP	P	20 36 28.9	+0.5	
HHC	comp=Z, 17nm, 0.8s	79.44	318	eP	pmax	pmax	
HHC	comp=Z, 220nm, 5.2s	79.44	318	eP	pmax	pmax	
LPZA	La Paz 81.74	122	eP	P	20 36 42.0	+0.5	
GERES	GERESS Array B 81.82	24	LR	LR	21 13 46.5		
ESDC	Seneca Array 82.98	40	LR	LR	21 11 3		

Table with columns: GUM0, Sn, 20 48 59.4 -0.2, LR, 20 49 23.1, LR, 20 59 59.7, LR, 20 53 43.6 +0.2, P, 21 02 24.9, LR, 20 55 16.0 0.0, P, 20 55 47.5 +0.5, P, 21 11 19.8, LR, 20 56 40.1 -0.4, P, 20 57 01.0 -0.6, P, 20 58 48.9 +0.5, P

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Sorong, Warramunga, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Pinotepa, Tlapa, Vista Hermosa, etc.

ISC/JB 14 20:56:37.2-0.7, 10.9N:0.1x127.1E:0.1, h10km, mb3.6/10, Error ellipse: s-maj=19.8km s-min=10.9km az=138.6

ISC 14 20:56:37.2-0.8, 11.02N:127.23E, h0km, mb3.7/10, mb1 3.8/10, mb1mx3.7/35, mbtmp3.7/10, Error ellipse: s-maj=40.4km s-min=16.6km az=68.0

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

ISC 14 21:09:49.6-0.8, 14.48S:66.16E, h0km, mb4.1/12, mb1 4.2/12, mb1mx3.9/39, mbtmp4.1/12, MS3.8/20, Ms1 3.8/20, ms1mx3.9/39, Error ellipse: s-maj=27.7km s-min=18.4km az=11.0

ISC/JB 14 21:09:50.1-0.6, 14.4S:0.1x66.19E:0.0, h10km, mb4.1/13, MS3.8/19, Error ellipse: s-maj=21.5km s-min=11.7km az=164.4

NEIC 14 21:09:51.6-0.4, 14.41S:66.19E, h10km, mb4.4/2, Error ellipse: s-maj=17.4km s-min=9.8km az=163.0

ISC 14 21:09:52.0-0.7, 14.4S:0.2x66.2E:0.1, h13km, n47, c078/31, mb4.3/13, MS3.8/19, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Diego Garcia, Ambohipan, Kilima Mbogo, etc.

Table with columns: H01W1, Cape Leeuwin H, 47.62 124 T, T, 22 09 18.9, P, 21 36 12.6, P, 21 20 11.0 +0.2, P, 21 20 15.2 -0.8, P, 21 44 12.0, LR, 21 44 26.7, P, 21 20 26.2 -0.8, P, 21 46 15.9, LR, 21 20 32.0 -0.1, P, 21 21 00.8 +0.1, P, 21 50 59.6, P, 21 21 01.9 -0.7, P, 21 51 48.7, LR, 21 46 58.1, LR, 21 21 13.5 +0.4, P, 21 51 05.1, P, 21 55 20.4, LR, 21 52 20.5, LR, 21 21 47.7 0.0, P, 21 21 47.7 -0.2, P, 21 56 19.8, LR, 21 59 38.8, LR, 21 22 24.8 +0.1, P, 21 22 26.0 +0.5, P, 21 59 22.9, LR, 21 28 49.6 -1.6, PKPdf, 21 29 29.4 0.0, PKPdf, 21 29 32.4 -0.3, PKPdf, 21 29 33.2 0.0, PKPdf, 21 29 35.0 -0.5, PKPdf, 21 29 35.8 -0.1, PKPdf, 21 29 40.1 -0.3, PKPdf, 21 29 41.2 +0.6, PKPdf, 21 29 39.7 +0.7, PKPdf, 21 29 45.3 +0.1, PKPdf, 21 29 46.1 -0.2, PKPdf, 21 29 54.5 +0.1, PKPdf, 21 30 41.2 -0.6, PKPdf

RSNC 14 21:22:11.6-0.7, 1.90N:79.16W, h1km, km, ML2.3, Mw3.5, 1D, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tumaco, Isla de Azuero, Otavalo, etc.

MEX 14 21:28:54.9-0.6, 17.70N:95.95W, h113km, 7km, MD3.8, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Oaxaca, Vista Hermosa, Tuzandepelt, etc.

ISC 14 21:44:59.1-5.8, 9.80N:85.53W, h26km, 35km, mb3.7/3, mb1 4.2/3, mb1mx3.6/29, mbtmp3.9/3, MS3.6/2, Ms1 3.6/2, ms1mx2.8/31, Error ellipse: s-maj=58.6km s-min=1.5km az=167.0, Coastal of Costa Rica

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

JMA 14 21:48:43.0-0.3, 35.35N:140.50E, h35km, 2km, M2.2, Near east coast of eastern Honshu

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

Table with columns: JNG, Hiroka, 0.82 43 S, Sg, 21 49 21.3 +0.6, Sg, 21 49 37.3 -0.4, Sg

ISC/JB 14 22:10:43.0-0.6, 51.49N:0.03x16.15E:0.0, h0km, Error ellipse: s-maj=4.1km s-min=2.5km az=9.0

IPEC 14 22:10:43.7-0.3, 51.56N:16.23E, h0km, ML2.4/3, Error ellipse: s-maj=3.1km s-min=1.7km az=70.0

VIE 14 22:10:46.7-1.1, 51.36N:16.18E, h0km, mb2.3/3, ml2.8/5, Error ellipse: s-maj=10.0km s-min=8.7km az=59.0 65 km WNW of Wroclaw Suspected Mining Induced.

ISC 14 22:10:43.2-0.9, 51.59N:0.04x16.16E:0.0, h0km, n32, c093/63, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ksiaz, Dobruska-Polom, etc.

MORC Moravsky Berou 2.02 154 ePn Pn 22 11 18.1 -0.5

OKC Ostrava-Krasne 2.16 143 ePg Pn 22 11 24.3 -0.4

CHZP Chorzow 2.21 125 ePg Pn 22 11 27.0 +1.3

VRAC Vranov 2.30 173 ePg Pn 22 11 56.5 +2.1

VRAC Vranov 2.30 173 ePg Pn 22 11 54.7 +0.1

VRAC comp=Z,19nm,0.3s,baz=354 ePg Sb 22 11 54.7 +0.1

KRUC Moravsky 2.54 176 ePg Sb 22 12 02.0 +0.7

KRUC Moravsky 2.54 176 ePg Sb 22 12 02.0 +0.7

KRUC comp=Z,31nm,0.4s,baz=336 ePg Sb 22 11 45.5 -0.9

OKC Ostrava-Krasne 2.16 143 ePg Pn 22 11 24.3 -0.4

CHZP Chorzow 2.21 125 ePg Pn 22 11 27.0 +1.3

VRAC Vranov 2.30 173 ePg Pn 22 11 54.7 +0.1

Table with columns: ALJA, ALJA, ALJA, ALJA, CORL, CORL, CORL, CORL, HMDC, HMDC, VAE, VAE, HVZN, HVZN, PETRA, PETRA, PETRA, MEU, MEU, SOLUN, SOLUN, SOLUN, SOLUN, HLNI, HLNI, MPG, MPG, MNO, MNO, MSFR, MSFR, MSFR, MSFR, NOV, NOV, NOV, NOV, NOV, NOV, MCSR, MCSR, MCSR, MCSR, MPAZ, MPAZ, MPAZ, MPAZ, KEST, KEST, SERS, SERS, SERS, SERS, VSL, VSL, LMR, LMR, SBF, SBF, FRF, FRF, SMRF, SMRF, MBDF, MBDF, IDI, IDI, ORIF, ORIF, LPG, LPG, LPL, LPL, LASF, LASF, VIVF, VIVF, DAVOX, DAVOX, DAVOX, DAVOX, MTLF, MTLF, EPF, EPF, HINF, HINF, GERES, GERES, HAU, HAU, CDF, CDF, SFTF, SFTF, MLR, MLR, MEZF, MEZF, BRDC, BRDC, ESRC, ESRC, MMAI, MMAI

Table with columns: HFS, NOA, GNI, TORD, FINES, BRVK, BVAR, KURBB, KURK, ZALV, MKAR, BOSM, SONA, CPUP

IDC 14 22:27.00.2.5, 6.227S, 139.47E, h0km, mb3.3/2, mb1 3.4/3, mb1mx3.2/29, mbtmp3.2/3, ML3.0/1, Error ellipse: s-maj=224.9km s-min=29.7km az=87.0, Near north coast of Irian Jaya

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

NNC 14 22:41:57.8s.5, 3.42', 19N:80.24E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=37.2km s-min=21.3km az=110.0

SOME 14 22:42:05.5, 41.63N:78.98E, h10km, KRNET 14 22:42:05.8, 0.1, 41.69N:79.08E, mb3.1

ISC 14 22:42:03.2, 1.8, 41.47N:0.06:78.91E:0.05, h2km, 11km, n43, r1936/80, 34C-11D, Kyrgyzstan-Xinjiang border region

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

Table with columns: KUU, KBK, KBK, UCH, UCH, CHMS, CHMS, ARLS, ARLS, AAK, AAK, AAK, AAK, TDK, TDK, KAPS, KAPS, MRKS, MRKS, MNAS, MNAS, MK31, MK31, MK31, MK31, OTUK, OTUK, KURBB, KURBB

MOS 14 22:50:22.6:0.4, 49.86N:156.56E, h53km, mb4.3/3, Error ellipse: s-maj=41.0km s-min=5.2km az=79.8

KRSC 14 22:50:31.6:2.5, 49.60N:157.04E, h49km, mb4.26km, ML4.5, mb1 3.6/7, mb1mx3.2/47, mbtmp3.7/7, Error ellipse: s-maj=54.1km s-min=20.8km az=167.0

ISC 14 22:50:24.5:1.1, 49.17N:0.08:156.64E:0.09, h34km, n48, r3524/43, mb3.6/6, Kuril Islands

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for various stations.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for MEX 15:01:07.19.0.4, 16:19N-98:68W, h8km, 6km, MD3.7, Near coast of Guerrero.

ISCJB 15:01:51.09.0.4, 49:52S, 0:09:117.0W, 0.2, h10km, mb4.0/15, MS3.8/12, Error ellipse: s-maj=20.7km s-min=12.4km az=15.6

ISC 15:01:51.09.0.6, 0.7, 49:44S, 117:32W, h0km, mb4.0/9, mb1.4/2.9, mb1mx4.0/2.9, mbtmp4.0/9, MS3.7/12, Ms1.3/7.12, ms1mx3.6/2.2, Error ellipse: s-maj=28.3km s-min=20.7km az=112.0

NEIC 15:01:51.10.9.0.3, 49:43S, 117:33W, h10km, mb4.2/6, Error ellipse: s-maj=15.3km s-min=10.7km az=119.0

ISC 15:01:51.10.9.0.6, 49.4AS:0.1x117.3W:0.2, h10km, n47, +089.23, mb4.1/15, MS3.8/12, South Pacific Ocean

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for RKT Rikitea, TBI Tubuai, VVDA Vanda, etc.

Table with columns: PKGZ, TOZ, MKAZ, RRRZ, MWZ, etc. Includes entries for Pakhiroi, Tahuroa Road, Moumakai, etc.

Table with columns: GNI, BRTR, MIAR, etc. Includes entries for Garni, Keskin Array B, Mount Ida, etc.

1.3nm, 0.5s

15:02:05:02.6:1.2, 10:73Sx113:66E, h0km, mb4.0/12, mb1.4/1.12, mb1mx3.9/4.2, mbtmp4.0/12, Error ellipse: s-maj=47.4km s-min=17.6km az=49.0

ISCJB 15:02:05:03.5:0.5, 10:97S:0:06:113:69E:0.05, h25km, mb4.0/13, Error ellipse: s-maj=8.3km s-min=6.3km az=27.6

NEIC 15:02:05:04.2:0.7, 10:72Sx113:66E, h10km, mb4.2/1, Error ellipse: s-maj=27.8km s-min=6.0km az=47.0

DJA 15:02:07:4:1.9, 11:35S:11:44E, h38km, 49km, M4.3/19, mb6.2/1, mb4.5/5, MLV4.2/19, MvM/b5.9/1

ISC 15:02:05:07.0.7, 10:92S, 0:08:113.70E:0.06, h25km, n37, +123.3/5, mb4.1/13, South of Jawa

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for JAGI Jajag, Banyuwa, JGSI JGSI, etc.

ISC 15:01:57:10.2:0.9, 10:59Sx113:90E, h0km, mb4.0/15, mb1.4/1.16, mb1mx4.0/4.4, mbtmp4.1/16, ML4.2/1, MS3.0/2, Ms1.3/0.2, ms1mx2.6/3.1, Error ellipse: s-maj=32.7km s-min=16.0km az=44.0

NEIC 15:01:57:11.9:0.5, 10:57Sx113:89E, h10km, mb4.2/2, Error ellipse: s-maj=19.0km s-min=7.5km az=40.0

ISCJB 15:01:57:12.9:0.5, 10:85S:0:05:113:71E:0.05, h33km, mb4.0/16, MS2.9/1, Error ellipse: s-maj=7.5km s-min=6.0km az=138.5

DJA 15:01:57:14.2:0.8, 11:1S:4x11:4E:1, h13km, 6km, M4.4/19, mb4.6/1, MLV4.3/19

ISC 15:01:57:16.8:0.7, 10:83S:0:07:113:77E:0.06, h36km, n46, +106/43, mb4.1/16, South of Jawa

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for JAGI Jajag, Banyuwa, IGBI Denpasar, etc.

15:02:08:15.2:1.7, 10:62Sx113:83E, h0km, mb3.9/8, mb1.4/0.8, mb1mx3.8/4.1, mbtmp3.9/8, MS3.4/2, Ms1.3/4.2, ms1mx2.6/3.3, Error ellipse: s-maj=68.8km s-min=20.4km az=47.0

DJA 15:02:08:23.0:2.5, 10:5S:11x11:4E:1, h138km, 20km, M4.1/16, mb4.3/3, MLV4.0/16

ISC 15:02:08:16.6:2.5, 10:56S:0:08:113:96E:0.06, h6km, 14km, n26, +104/25, mb4.0/8, South of Jawa

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for JAGI Jajag, Banyuwa, JAGI Jajag, etc.

ISC 15:01:57:08.4:4.7, 36:73S:177:11E, h276km, 68km, mb3.1/2, mb1.3/4.2, mb1mx3.1/2.9, mbtmp3.7/2, Error ellipse: s-maj=182.9km s-min=42.1km az=1.0

ISCJB 15:01:57:10.8:0.8, 36:94S:0:07:176:8E:0.1, h288km, 7km, mb3.2/2, Error ellipse: s-maj=14.3km s-min=10.4km az=176.7

WEL 15:01:57:11.0, 37:5S:177:7E:1, h288km, 9km

ISC 15:01:57:10.2:1.1, 36:90S:0:08:176:88E:0.09, h287km, 8km, n72, +109/79, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for KUZ Kuaotunu, HAZ Te Kaha, etc.

ISC 15:02:23:38.0:2.2, 9:94S:115:77E, h0km, mb3.6/4, mb1.4/0.6, mb1mx3.7/3.4, mbtmp3.9/6, ML4.2/2, MS2.8/2, Ms1.2/9.2, ms1mx2.5/2.9, Error ellipse: s-maj=81.7km s-min=20.9km az=48.0

ISCJB 15:02:23:47.0:0.6, 9:77S:0:05:116:58E:0.03, h33km, mb3.8/3, MS2.9/1, Error ellipse: s-maj=7.7km s-min=4.4km az=10.3

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PLO Palo, MSLP Maabubu, etc.

MAN 15:02:13:06.0, 10:77N:124:95E, h45km, mb3.9, ML2.7, MS2.3, 1C-1D, Leyte

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PLO Palo, MSLP Maabubu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNNG Cerro Negro, MATN Matagalpa, etc.

IDC 15 04:38:06.2±1.0, 3.27S, 142.67E, h0km, mb4.1/8, mb1 4.3/10, mb1mx4.1/29, mbtmp4.2/10, ML4=0.2, MS3.3/8, Ms1 3.3/8, ms1mx3.0/12, Error ellipse: s-maj=25.0km s-min=19.4km az=83.0

ISCJB 15 04:38:08.5±0.9, 3.34S, 0.09x142.66E±0.1, h26km, mb3.9/7, MS3.2/4, Error ellipse: s-maj=16.3km s-min=9.7km az=140.0

DJA 15 04:38:09.4±2.3, 3.9S, 141.3E, 1.2, h12km, M4.6/6, MB4.8/2, mb4.6/6, MLV4.6/2, Mw(MB)4.1/2

NEIC 15 04:38:12.0±0.8, 3.32S, 142.47E, h35km, mb4.1/1, Error ellipse: s-maj=18.7km s-min=13.2km az=86.0

ISC 15 04:38:10.7±1.0, 3.35S, 0.1x142.6E±0.1, h26km, n23, 01509/20, mb4.2/7, MS3.2/4, Near north coast of New Guinea

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

IDC 15 05:06:21.0±0.8, 2.01N, 146.82E, h0km, mb3.8/12, mb1 4.0/12, mb1mx3.9/42, mbtmp3.8/12, MS2.9/3, Ms1 2.9/3, ms1mx2.6/37, Error ellipse: s-maj=24.2km s-min=19.7km az=106.0

ISCJB 15 05:06:25.7±0.4, 2.03N, 0.07x146.7E±0.1, h33km, mb3.9/15, MS3.1/1, Error ellipse: s-maj=13.7km s-min=9.5km az=52.0

NEIC 15 05:06:28.1±0.2, 2.03N, 146.68E, h35km, mb4.4/4, Error ellipse: s-maj=15.5km s-min=9.7km az=96.0

ISC 15 05:06:27.9±0.7, 2.03N, 0.09x146.8E±0.2, h35km, n33, 01502/30, mb3.9/15, Mariana Islands region

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

ISCJB 15 05:14:24.5±0.3, 4.01S, 0.03x80.43W±0.04, h57km, mb4.2/9, Error ellipse: s-maj=5.3km s-min=3.7km az=27.4

NEIC 15 05:14:24.1±0.3, 3.92S, 80.35W, h35km, mb4.3/34, ML4.0(I/GQ), ML4.0(A/RE), Error ellipse: s-maj=12.7km s-min=6.5km az=58.0

NEIC Felt [I] at Mancora, Peru. Felt at Huauquilas, Ecuador. IDC 15 05:14:29.2±1.1, 3.81S, 80.17W, h90km, M2.1km, mb3.5/10, mb1 3.8/15, mb1mx3.7/37, mbtmp4.0/15, MS2.9/1, Ms1 3.1/1, ms1mx2.5/17, Error ellipse: s-maj=22.8km

s-min=15.1km az=61.0 I/GQ 15 05:14:31.0±0.8, 4.0S, 6.8x8.0W±, h48km, 34km, M5.0/13, MLV5.0/13

ISC 15 05:14:25.0±0.4, 3.91S, 0.04x80.39W±0.07, h57km, n171, 01572/187, mb4.3/39, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MILO Milagro-Astudi, MILO Milagro-Astudi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TX31 Lajitas Ar. Si, W39A Magazine, etc.

IDC 15 05:32:29.9±0.7, 2.039N, 146.74E, h0km, mb4.1/16, mb1 4.3/17, mb1mx4.1/48, mbtmp4.1/17, ML4.1/1, MS3.2/5, Ms1 3.2/5, ms1mx2.8/39, Error ellipse: s-maj=20.6km s-min=17.9km az=76.0

ISCJB 15 05:32:28.2±0.3, 2.043N, 0.05x146.59E±0.06, h34km, mb4.3/43, MS3.1/4, Error ellipse: s-maj=8.0km s-min=7.1km az=17.0

NEIC 15 05:32:28.7±2.2, 2.045N, 146.64E, h26km, 16km, mb4.4/29, Error ellipse: s-maj=7.0km s-min=5.4km az=77.0

ISC 15 05:32:29.0±0.5, 2.043N, 0.08x146.6E±0.1, h34km, n82, 0085/82, mb4.3/43, MS3.1/4, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SARN Sarigan, GUMO Guam, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like MK01 Makanchi Array, IM3 Indian Mountai, KURK Kurchatov, etc.

ISCJB 15 05:41:13.71.1.35.44N.0.05:27.85E.0.04, h1km,8km, Error ellipse: s-maj=8.9km s-min=4.9km az=150.3

ATH 15 05:41:13.4.4.35.32N.27.91E, h10km,31km,ML2.8/3, Error ellipse: s-maj=31.6km s-min=1.9km az=0.0

ISK 15 05:41:14.1.1.35.50N.27.79E, h5km,ML3.2/5 THE 15 05:41:15.0.35.44N.27.75E, h0km,ML2.8/3, Error ellipse: s-maj=1.4km s-min=0.5km az=140.0

ISC 15 05:41:13.4.1.6.35.41N.0.05:27.82E.0.04, h1km=12km, n40, 0.986/50, Dodacense Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like AYDB Zeytinkey-Aydi, KORT Korkuelli, URLA Izmir, etc.

IDC 15 05:47:56.5.0.2.30.22N.146.68E, h0km, mb3.8/9, mb1.4/1.9, mb1mx3.8/57, mbtmp3.9/9, MS3.6/2, Ms1.3/6.2, ms1mx2.7/36, Error ellipse: s-maj=29.1km s-min=18.8km az=90.0

ISCJB 15 05:47:59.8.0.6.20.26N.0.06:146.8E.0.1, h34km, mb3.9/10, MS3.5/2, Error ellipse: s-maj=17.5km s-min=9.2km az=2.6

NEIC 15 05:48:02.7.1.8.20.29N.146.74E, h2km=17km, mb4.2/1, Error ellipse: s-maj=17.6km s-min=11.3km az=94.0

ISC 15 05:48:02.0.4.5.20.31N.109.146.7E.0.2, h34km, n25, 0.1932/27, mb3.9/10, Mariana Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SARN Sarigan, GUMU Guam, KSRS Korea Array, etc.

NNC 15 05:52:08.3.1.2.40.63N.63.10E, h0km, mb4.5, mpv4.1, Error ellipse: s-maj=23.6km s-min=8.8km az=145.0

BUI 15 05:52:08.8.4.0.16N.63.38E, h17km, mb4.6/12, mb4.8/7, Ms4.2/2, Ms7.4/2

ISCJB 15 05:52:09.4.0.2.40.51N.0.05:63.32E.0.04, h13km, mb4.2/29, MS3.7/3, Error ellipse: s-maj=7.1km s-min=4.1km az=163.0

IDC 15 05:52:09.0.4.0.8.40.43N.63.15E, h0km, mb3.8/16, mb1.4/0.24, mb1mx3.9/52, mbtmp3.9/24, ML3.5/8, MS3.4/2, Ms1.3.5/2, ms1mx2.7/31, Error ellipse: s-maj=14.4km s-min=9.2km az=152.0

NEIC 15 05:52:10.4.0.4.40.41N.63.38E, h10km, mb4.7/10, Error ellipse: s-maj=8.9km s-min=4.5km az=158.0

MOS 15 05:52:12.2.1.8.40.45N.63.37E, h34km, mb4.4/6, Error ellipse: s-maj=9.5km s-min=6.8km az=61.6

ISC 15 05:52:10.9.0.4.40.50N.0.05:63.32E.0.04, h13km, n103, 0.190/103, mb4.2/29, MS3.4/3, 13C-11D, Northwestern Uzbekistan

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ASHT Ashkhabad, GEYT Geitay, GEYT Geitay, GYA0B ALIBECK ARRAY, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like AKTO Aktyubinsk, BVA0 Borovoye Array, BVA0 Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBAR Mbarara, TORO Torodi Ar. Bea, IM3 Inuvik, etc.

IDC 15 06:41:43.3/-4.7, 6.96S:133.17E, h0km, mb3.4/1, mb1.3/3, mb1mx3.4/6.0, mbmtpp3.4/3, ML3.4/2, Error ellipse: s-maj=283.0km s-min=32.3km az=76.0, Azu

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.

DJA 15 06:42:47.2/0.6, 9.5S:5.11E, h10km, M3.9/13, mb4.4/1, ML3.7/13, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UGM Wanagama, PCJJI Pacitan, WJJI Wonogiri, etc.

IDC 15 06:44:13.9/-4.5, 51.29N:175.87W, h0km, mb3.1/3, mb1.3/7.4, mb1mx3.4/6.1, mbmtpp3.4/4, ML3.7/1, Error ellipse: s-maj=104.1km s-min=46.8km az=121.0

ISCJB 15 06:44:22.3/0.7, 51.3N:0.2-1.76-41W, 0.09, h85km, 4km, mb3.2/2, Error ellipse: s-maj=29.9km s-min=6.1km az=165.3

NEIC 15 06:44:23.4/0.0, 51.85N:176.44W, h72km, ML3.2(AEIC), After AEIC

ISC 15 06:44:22.2/-1.1, 51.8N:0.2-1.76-38W, 0.06, h79km, 6km, n28, <f108/34, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ETKA Kagalaska Isla, ADK Adak, ADAG Mount Adagadak, etc.

IDC 15 06:46:56.8/-1.9, 33.30S:178.99W, h0km, mb3.6/2, mb1.4/0.3, mb1mx3.6/35, mbmtpp3.8/3, ML4.0/1, MS3.3/5, MS1.3/2.5, ms1mx3.0/30, Error ellipse: s-maj=45.3km s-min=43.0km az=72.0

ISCJB 15 06:47:01.2/0.8, 33.54S:0.05-178.9W, 0.2, h48km, mb3.5/2, MS3.4/3, Error ellipse: s-maj=19.4km s-min=17.9km az=17.9

WEL 15 06:47:03.4/0.8, 34.3S:7.179W, 1.4, h33km, ML5.0/18, ISC 15 06:47:03.0/1.0, 33.55S:0.07-178.8W, 0.1, h48km, n40, <f129/42, MS3.3/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLKZ Green Lake, WMGZ Waioamatatini S, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MHGZ Mahia Peninsula, TOZ Tahuroa Road, RAHZ Aarahi, etc.

STKA Stephens Creek 33.23 262 LR 07 06 20.1

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

IDC 15 06:50:30.6/0.5, 10.79N:126.64E, h0km, mb4.1/18, mb1.4/2.18, mb1mx4.1/42, mbmtpp4.1/18, Error ellipse: s-maj=27.9km s-min=12.4km az=81.0

ISCJB 15 06:50:34.5/0.3, 10.83N:0.04-126.70E, 0.04, h37km, ML4.2/28, Error ellipse: s-maj=5.9km s-min=5.3km az=2.9

NEIC 15 06:50:36.6/2.3, 10.80N:126.60E, h38km, 2.1km, mb4.5/15, Error ellipse: s-maj=10.2km s-min=5.4km az=76.0

MAN 15 06:50:39.4, 10.66N:126.26E, h20km, mb5.1, ML4.0, MS4.1

ISC 15 06:50:36.4/0.4, 10.82N:0.05-126.67E, 0.06, h37km, n63, <f167/127, mb4.2/28, 2C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCFH Sulu, PLO Palo, etc.

USRK Ussuriysk Arr. 33.57 7 P 06 57 13.3 +0.4

ASAR Alice Springs 35.00 168 P 06 57 24.7 -0.8

ASAR Alice Springs 35.00 168 P 06 57 24.7 -0.8

AS01 Alice Springs 35.01 168 P 06 57 25.7 +0.1

SHL Shillong 36.02 299 P 06 57 33.9 -0.5

SONA0 Songino Array 40.64 339 P 06 58 11.8 -1.3

SONA1 Songino Array 40.65 339 P 06 58 11.2 -0.9

FORF Forrest 41.38 178 P 06 58 19.2 +0.1

BBOO Buektebeoo 44.30 169 P 06 58 43.0 +0.2

STKA Stephens Creek 44.80 162 P 06 58 46.2 -0.5

STKA Stephens Creek 44.80 162 P 06 58 46.2 -0.5

DZM Mont Dzumac 50.90 130 P 06 59 35.1 +0.8

MK01 Makanchi Array 51.81 322 P 06 59 41.5 +0.9

MK02 Makanchi Array 51.83 322 P 06 59 41.5 +0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLV3.8/13, JW3, UGM Wanagama, etc.

IDC 15 06:59:58.1/2.5, 10.94S:113.64E, h0km, mb3.5/5, mb1.3/7.6, mb1mx3.5/43, mbmtpp3.6/6, ML3.1/1, Error ellipse: s-maj=110.0km s-min=20.8km az=48.0

ISCJB 15 06:59:59.7/0.8, 11.03S:0.08-113.66E, 0.07, h25km, mb3.6/5, Error ellipse: s-maj=13.0km s-min=8.3km az=39.5

DJA 15 07:00:00.4/4.1, 11.5S:13.11E, h10km, M4.1/12, mb0.3/1, ML4.0/12

ISC 15 07:00:01.5/1.1, 11.10S:0.1-113.68E, 0.08, h25km, n20, <f89/17, mb3.5/5, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAGI Jajag, Banyuwa, IGBI Denpasar, etc.

WRA Warramunga Arr 21.78 171 P 07 04 53.6 +1.9

ASAR Alice Springs 23.00 126 P 07 05 05.3 +0.6

H08S2 Diego Garcia H 40.76 271 T 07 51 01.7

H08S1 Diego Garcia H 40.78 271 T 07 51 05.8

SONM Songino Array 58.94 354 P 07 09 58.4 -0.4

MKAR Makanchi Array 59.03 337 P 07 10 33.5 +0.4

ZALV Zalesovo Beam 69.19 342 P 07 11 05.7 -0.1

BUI 15 07:03:56.7, 12.41N:125.74E, h17km, mb4.9/55, MB5.3/55, MS5.1/64, MS7.5/59

IDC 15 07:03:57.4/0.4, 12.53N:125.48E, h0km, mb4.7/31, mb1.4/8.35, mb1mx4.7/48, mbmtpp4.8/35, ML5.0/4, MS4.4/31, MS1.4/4.31, ms1mx4.3/45, Error ellipse: s-maj=14.9km s-min=8.7km az=78.0

MAN 15 07:03:57.8, 12.72N:125.83E, h24km, mb5.8, ML4.8, MS5.3

ISCJB 15 07:04:00.2/0.8, 12.63N:0.02-125.62E, 0.03, h28km, 5km, mb4.8/137, MS4.6/52, Error ellipse: s-maj=4.2km s-min=2.7km az=165.4

MOS 15 07:04:00.7/1.1, 12.51N:125.47E, h33km, mb5.3/48, MS4.8/6, Error ellipse: s-maj=9.2km s-min=5.2km az=122.2

NEIC 15 07:04:01.8/1.2, 12.53N:125.52E, h27km, 8km, mb5.1/61, Error ellipse: s-maj=5.1km s-min=2.9km az=75.0

NEIC Felt [II PIVS] at Mapanas. Felt [I PIVS] at Tacloban, Leyte. GCMT 15 07:04:02.8/0.1, 12.72N:0.01-125.66E, 0.01, h13km, MW5.2/112, Moment Tensor Solution. s79, c107, s112, c175; Duration: 10; Moment tensor: Scale 10^16 Nm; Mw=5.32; Mb=1.66; Ms=0.65; 10; Mw=4.66; 12; Mw=1.69; 27; Mw=2.51; 07; Mw=3.40; 00000; 867; 00000; 1.95; 00000; NP2=148.00000; 823.00000; 7.9; 00000; Principal axes: T: 7.590, Plg67.0000; Azm259.0000; N: 0.4960, Plg4.0000; Azm158.0000; P: -0.8840, Plg22.0000; Azm66.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 15 07:05:10.0/0.9, 13.1N:5.12E, h112km, 8km, M5.0/49, MB5.5/27, mb5.1/49, MW(x)B5.0/27

ISC 15 07:05:02.6/0.8, 12.62N:0.03-125.60E, 0.04, h32km, 5km, n445, <f175/51.1, mb5.0/138, MS4.6/52, 28C-16D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNP Catrman, CNP Borongan, BESP BESP, etc.

DJA 15 06:57:30.8/0.5, 9.5S:4.11E, h10km, M3.9/13, mb4.1/2,

15d 7h

Table with columns: MOY, MOY, comp-Z, Location, E/P, P, 07 12 05.6 +0.7, etc. Includes rows for Chennai, Jabalpur, Pune, etc.

2012 SEP

Table with columns: TIXI, Tiksi, 59.03, 11, E/P, P, 07 13 59.0 0.0, etc. Includes rows for Borovoye Array, Borovoye, etc.

920

Table with columns: ARCES, ARCCESS Array B, 81.78 340, P, P, 07 16 17.6 -0.3, etc. Includes rows for ARCCESS Array B, ARCCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like Caledonia, Magazine, Wits Springs, Van Buren, Viola, etc.

IDC 15 07:08:29.5:54.0, 13.74S, 169.74E, h0km, mb4.4/3, mb1 4.6/3, mb1mx3.8/36, mbtmp4.4/3, Error ellipse: s-maj=926.1km s-min=119.3km az=66.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs.

ISCJB 15 07:13:37.0:0.4, 37.65N, 0.02-26.97E, h0km, 5km, Error ellipse: s-maj=4.8km s-min=3.6km az=142.3

ISC 15 07:13:37.4, 37.66N, 26.98E, h8km, ML2.7/10, Error ellipse: s-maj=3.6km s-min=1.3km az=286.0

ISC 15 07:13:37.2-0.9, 37.65N, 0.02-26.95E, h0km, 7km, Error ellipse: s-maj=2.7km s-min=1.8km az=117.7, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like Samos, Warramunga Arr, Alice Springs, etc.

ISCJB 15 07:22:40.8-0.6, 15.83N, 0.06-145.6E, h200km, mb3.9/16, Error ellipse: s-maj=19.5km s-min=8.3km az=8.4

IDC 15 07:22:43.9, 1.7, 15.75N, 145.59E, h219km, 17km, mb3.7/16, mb1 3.8/18, mb1mx3.6/47, mbtmp4.2/18, Error ellipse: s-maj=17.4km s-min=10.9km az=91.0

ISC 15 07:22:42.2-0.7, 15.79N, 0.08-145.6E, h200km, n19, az=1503/20, mb3.9/16, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like Guam, GUMO, Jayapura, etc.

NEIC 15 07:29:08.5:0.0, 19.56N, 64.29W, h59km, MD2.7(RSPR), After RSPR

RSPR 15 07:29:08.5, 19.56N, 64.29W, h59km, 6km, 10C, Virgin Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like Anegada, Saint Thomas, etc.

ISCJB 15 07:29:32.0:1.0, 13.31S, 0.08-166.9E, h200km, mb3.6/8, Error ellipse: s-maj=25.5km s-min=10.6km az=176.2

IDC 15 07:29:34.3:2.8, 13.49S, 167.04E, h214km, 23km, mb3.4/9, mb1 3.6/10, mb1mx3.4/31, mbtmp4.0/10, Error ellipse: s-maj=15.5km s-min=12.1km az=106.0

ISC 15 07:29:32.7-1.0, 13.37S, 0.03-167.1E, h200km, n11, az=094/15, mb3.7/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like DZM, CTA, Stephens Creek, etc.

NEIC 15 07:30:08.1:0.0, 19.74N, 64.26W, h14km, MD3.4(RSPR), After RSPR

RSPR 15 07:30:08.1, 19.74N, 64.26W, h14km, 9km, MD3.4/3, 20C, Virgin Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like Anegada, Saint Thomas, etc.

ISC 15 07:32:49.9, 37.85N, 26.66E, h15km, ML2.9/18, Error ellipse: s-maj=3.5km s-min=2.8km az=158.6

ATH 15 07:32:51.9, 37.85N, 26.70E, h14km, 2km, ML2.5/5, Error ellipse: s-maj=3.3km s-min=1.2km az=83.0

DDA 15 07:32:51.4, 37.89N, 26.71E, h2km, ML3.0, Error ellipse: s-maj=1.1km s-min=0.3km az=145.0

THE 15 07:32:52.0, 37.84N, 26.64E, h5km, 1km, ML2.4/6, Error ellipse: s-maj=1.1km s-min=0.3km az=145.0

ISC 15 07:32:50.7-0.9, 37.86N, 0.02-26.70E, h16km, 8km, az=096/70, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like Samos, Zmir, GUMuldur, etc.

IDC 15 07:40:10.2:1.4, 27.17N, 54.20E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.6/28, mbtmp3.7/7, Error ellipse: s-maj=35.9km s-min=23.9km az=174.0

DSN 15 07:40:10.7, 27.17N, 53.71E, h15km, ML4.2/8, Error ellipse: s-maj=13.0km s-min=10.0km az=5.0

ISCJB 15 07:40:12.9:0.4, 27.18N, 0.03-53.95E, h19km, mb3.7/7, Error ellipse: s-maj=7.6km s-min=3.5km az=153.5

TEH 15 07:40:13.5, 27.18N, 53.99E, h23km, ML3.7, Error ellipse: s-maj=4.4km s-min=2.9km az=344.0

ISC 15 07:40:13.9-0.7, 27.18N, 0.03-53.95E, h0km, n59, az=133/53, mb3.7/7, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Includes stations like Jahrom, Genoa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SHI Shiraz, IPAR Pars, ASUD AI Ashush, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CESE, BLCB, CHOS, etc.

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

ISCJB 15 07:41:47.6±0.4, 37.87N, 02:26.70E±0.03, h5km, 4km, Error ellipse: s-maj=4.5km s-min=2.7km az=146.3

ATH 15 07:41:47.8, 37.84N, 02:66.88E, h15km, 4km, ML2, 3/3, Error ellipse: s-maj=5.3km s-min=1.3km az=68.0

DDA 15 07:41:47.8, 37.89N, 02:66.9E, h7km, ML2, 7/7, Error ellipse: s-maj=2.6km s-min=0.3km az=231.0

ISC 15 07:41:47.9±0.9, 37.87N, 02:26.69E±0.03, h12km±7km, n39, c051/57, Dodecanese Islands

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like PYUN Piuthan, PINE Pine Mountain, ARAO ACCESS Array S, etc.

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like OBN OBN, SHPR Sheep Range, MSU Marysville, etc.

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like ANMO Anapa, SCHG Schefferville, SORM Soroca, etc.

Table with columns: BRTR, LTX, TXAR, Station Name, Frequency, Power, and other technical details.

Table for station DJA 15 09:37.0-0.7, 9S-8°11'0E, h10km, M4.2/12, mb4.4/1, M4.2/12, South of Jawa. Columns include Code, Station Name, Azimuth, Phase ID, Time, and Res.

Table for station PDA 15 09:36.18.3-0.9, 40°13'N-29°56'W, h5km, MD3.7, ML2.8, Azores Islands region.

Table listing various stations in the Azores Islands region, including Cedros, Rosais, Pico, Candalaria, Manadas, Serra do Cume, and Lapseki.

Table for station ISK 15 09:36:58.4, 41°19'N-26°81'E, h5km, ML2.1/6, DDA 15 09:37:01.3, 41°42'N-27°81'E, h7km, ML2.7.

Table for station ISK 15 09:36:59.3, 42°00'N-26°80'E, h12km, 8km, n11, 0°50/13, Greece-Bulgaria border region.

Table listing various stations in the Greece-Bulgaria border region, including Edirne, Alexandroupoli, Rodhopi, Kumbarg-Tekirda, Riky, Enez, and Lapseki.

Table for station IDC 15 09:37.11.9-0.6, 32°82'S-66°67'W, h0km, mb4.1/1, mb1.4/2/14, mb1mx4.1/35, mbtmp4.0/14, ML4.0/3, MS3.4/5.

Table for station ISK 15 09:37.15.4, 0.3, 32°91'S-0.04, 66°49'W, h0.05, h33km, mb4.5/45, Error ellipse: s-maj=6.0km s-min=4.7km.

Table for station NEIC 15 09:37.17.6, 0.5, 32°85'S-66°60'W, h36km, 4km, mb4.6/31, MD4.4 (SJA), Error ellipse: s-maj=5.5km s-min=4.2km.

Table for station NEIC Felt (III) at San Luis and Villa Mercedes, SJA 15 09:37.17.5, 0.7, 32°79'S-66°81'W, h27km, 3km, ML4.3, MW4.4.

Table for station ISK 15 09:37.17.0, 0.4, 32°85'S-0.05, 66°79'W, h35km, n90, 0°174/89, mb4.6/45, San Luis Province.

Table listing various stations in San Luis Province, including ACAN, MRA, SUCO, AAGR, ASAL, RTCV, ARCO, SJA, ZON, RTLL, RFA, RTLS, AMOG, TCA, APLL, PUNTA DE LOS L, PCL, CEL, ROCI, AGUA, VINCINA, G004, G005, G006, G007, TRQA, TRQA, PLCA, PLCA, PLCA, CPUP, CPUP, CPUP, PLPAZ, PLPAZ.

Table for station SIV San Ignacio, 17.57 19 P Pn, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station NNA Nana, 22.72 33 LR, comp=Z, 102nm, 21.4s, bsz=356, slow=34.

Table for station SAML Samuel, 24.02 9 EP, comp=Z, 4.9nm, 0.7s.

Table for station BDFB Brasilia, 24.15 49 P P, comp=Z, 3.1nm, 0.5s, bsz=150, slow=16, SNR=5.5.

Table for station PMSA Palmeirao, 31.99 178 EP, comp=Z, 3.5nm, 0.8s.

Table for station PTGA Pitinga, 32.59 13 P P, comp=Z, 1.6nm, 0.3s, bsz=216, slow=17, SNR=3.0.

Table for station HUMP Col San Antoni, 50.71 1 EP, comp=Z, 2.2nm, 0.4s.

Table for station SNAW, 51.02 159 P, comp=Z, 1.5nm, 1.1s, bsz=282, slow=9.3, SNR=3.3.

Table for station VVND Vanda, 66.15 190 P, comp=Z, 0.8nm, 0.7s, bsz=160, slow=6.0, SNR=9.2.

Table for station 833A Chaparral WMA, 68.27 329 EP, comp=Z, 4.4nm, 1.0s.

Table for station X51A Calhoun, 69.18 344 EP, comp=Z, 1.3nm, 0.8s.

Table for station HPIG, 70.02 323 EP, comp=Z, 4.7nm, 1.0s.

Table for station TXAR Lajitas Array, 71.05 326 P, comp=Z, 0.8nm, 0.8s, bsz=146, slow=6.9, SNR=6.4.

Table for station WXT1 Waverly, 71.39 342 EP, comp=Z, 9.3nm, 0.7s.

Table for station T49A Edmont, 71.76 344 EP, comp=Z, 6.5nm, 0.8s.

Table for station PBMO Popular Bluff, 72.71 340 EP, comp=Z, 7.1nm, 0.8s.

Table for station MAW Mawson, 72.97 162 P, comp=Z, 2.1nm, 0.8s, bsz=202, slow=10, SNR=4.7.

Table for station MNTX Cornutus Moun, 73.83 326 EP, comp=Z, 2.5nm, 0.9s.

Table for station FVM French Village, 73.83 341 EP, comp=Z, 8.2nm, 0.8s.

Table for station S39A Bolivar, 74.41 338 EP, comp=Z, 9.1nm, 1.0s.

Table for station BOSA Boshof, 76.65 115 P, comp=Z, 4.9nm, 1.0s, bsz=236, slow=5.0, SNR=6.0.

Table for station ANMO Albuquerque, 77.03 327 EP, comp=Z, 6.6nm, 1.6s.

Table for station L40A Anamosa, 77.86 342 EP, comp=Z, 1.2nm, 0.8s.

Table for station S22A 4UR Ranch, Cre, 79.53 329 EP, comp=Z, 8.2nm, 1.1s.

Table for station TOAD Torodi Arr, 79.70 67 P, comp=Z, 1.4nm, 0.8s, bsz=790, slow=5.1, SNR=6.4.

Table for station J36A Seneca, 1, SWEA, 79.70 340 EP, comp=Z, 3.9nm, 0.8s.

Table for station ISCO Idaho Springs, 80.74 331 EP, comp=Z, 1.4nm, 1.8s.

Table for station SMCO Snowmass, 80.79 329 EP, comp=Z, 4.3nm, 0.9s.

Table for station ECSD Errors Data Set, 80.94 339 EP, comp=Z, 3.2nm, 0.6s.

Table for station ACASY Casey, 81.17 179 EP, comp=Z, 8.6nm, 1.6s.

Table for station KNB Kanab, 81.72 324 EP, comp=Z, 1.3nm, 1.1s.

Table for station PHWY Pilot Hill, 81.94 332 EP, comp=Z, 4.3nm, 0.6s.

Table for station ISK Istanbul-Kandi, 1.44 348 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station SILT Sile, 1.50 5 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station SVRH Sirihisar-ESK, 1.60 97 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station KLYT Kilyos, 1.62 349 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station SB3T Marmara-Eregli, 1.67 317 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station MIRT Marmara-Adasi, 1.72 304 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station KRBG Karabiga-Canak, 1.82 294 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station SB4T Kumbarg-Tekirda, 1.88 309 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station KIZT Kizilcal, 2.03 112 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station RKY Sarkoy-Tekirda, 2.03 301 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station AYDB Zeytinoglu-Aydi, 2.11 216 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station IDC 15 09:42:03.3, 1.0, 15°05'S-173°62'W, h0km, mb3.8/4, mb1.4/1/5, mb1mx3.8/37, mbtmp3.9/5, ML4.3/1, MS3.5/3.

Table for station ISK 15 09:42:05.1, 0.9, 14°9'S-0.3, 173°5'W, h0.2, h30km, mb3.9/4, 0.4nm, 0.4s, bsz=95, slow=6.5, SNR=10.

Table for station ISK 15 09:42:07.4, 1.0, 14°9'S-0.3, 173°5'W, h0.2, h30km, n7, 0.2nm, 0.3s, bsz=158, slow=1.3, SNR=167.

Table for station AFI Afiamalou, 1.93 58 PN, comp=Z, 0.3s, bsz=214, slow=23, SNR=33.

Table for station DZM Mont Dzumac, 20.32 247 LR, comp=Z, 1.15nm, 19.4s, bsz=54, slow=33.

Table for station WRA Warramunga Arr, 49.90 256 P, comp=Z, 0.4nm, 0.4s, bsz=95, slow=6.5, SNR=10.

Table for station ASAR Alice Springs, 50.20 252 P, comp=Z, 3.9nm, 0.7s, bsz=86, slow=8.2, SNR=60.

Table for station VVND Vanda, 66.15 190 P, comp=Z, 0.8nm, 0.7s, bsz=160, slow=6.0, SNR=9.2.

Table for station BRTR Keskin Array B, 145.76 321 PKPbc, comp=Z, 0.6nm, 0.6s, bsz=145, slow=5.3, SNR=3.9.

Table for station MOS 15 09:42:51.8, 0.6, 50°21'N-157°67'E, h31km, mb4.1/1, Error ellipse: s-maj=25.6km s-min=5.0km az=84.3.

Table for station KRSC 15 09:42:53.6, 1.2, 50°48'N-157°68'E, h44km, 19km, ML4.1, Kuril Islands.

Table for station SKR Severo-Kuril's, 1.02 282 iP, comp=Z, 1.1um, 0.3s.

Table for station PAU Pauzhetka, 1.13 331 eP, comp=Z, 2.23nm, 0.3s.

Table for station DALK Dalny, 2.64 14 eP, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station DALK Dalny, 2.64 14 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station AVH Avacha, 2.86 13 eP, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station AVH Avacha, 2.86 13 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station SMAR Somma, 2.87 14 eP, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station SMAR Somma, 2.87 14 PN, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station KOK Koryak, 2.88 12 eP, comp=Z, 0.2nm, 0.3s, bsz=220, slow=14, SNR=17.

Table for station ISK 15 09:37:19.9, 39°66'N-29°47'E, h5km, ML2.4/20, Suspected Mining explosion., Turkey.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like FYU Fort Yukon, DIV Divide, MOS Moscow, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KMBO Kilima Mbogo, KWP Kalwaria Pacla, KWP Kalwaria Pacla, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KHC KHC, GEC2 GERESS Array S, GEC2 GERESS Array S, etc.

MIAR	Mount Ida	120.16	37	P	PKPdf	10 45 14.1 +0.6
T43A	Greenville	120.17	33	P	PKPdf	10 45 13.6 +0.1
U42A	Reverden	120.20	34	P	PKPdf	10 45 13.8 +0.3
833A	Chaparral WMA	120.43	46	ePKPdf	PKPdf	10 45 15.8 +1.6
833A	Chaparral WMA	120.43	46	P	PKPdf	10 45 15.3 +1.1
V42A	Cord	120.51	35	P	PKPdf	10 45 14.1 0.0
O49A	Covington	120.59	26	P	PKPdf	10 45 13.7 -0.5
S45A	Carrier Mills	120.60	31	P	PKPdf	10 45 14.4 +0.1
R47A	Wooly Knot Far	121.12	29	P	PKPdf	10 45 15.6 +0.3
Y41A	Eglette Beard	121.20	37	P	PKPdf	10 45 15.8 +0.2
WC1	Wyandotte Cave	121.29	29	P	PKPdf	10 45 15.6 0.0
T46A	Princeton	121.44	31	P	PKPdf	10 45 17.0 +1.0
BC1T	Hockley	121.85	43	ePKPdf	PKPdf	10 45 18.5 +1.7
S48A	Wiedeman Farm	121.86	29	P	PKPdf	10 45 16.5 -0.2
BINY	Binghamton	121.98	19	P	PKPdf	10 45 16.8 -0.1
O51A	Peebles	121.98	26	P	PKPdf	10 45 17.3 +0.4
Z42A	Norrel Spur, H	122.02	37	P	PKPdf	10 45 17.0 -0.1
T48A	Bowling Green	122.13	30	P	PKPdf	10 45 17.6 +0.4
Y43A	Makayia and Ka	122.15	36	P	PKPdf	10 45 17.4 +0.1
WVT	Waverly	122.17	32	ePKPdf	PKPdf	10 45 16.2 -1.1
WVT	Waverly	122.17	32	ePKIKP	PKPdf	10 45 16.2 -1.1
WVT	Waverly	122.17	32	P	PKPdf	10 45 17.1 -0.2
W45A	Hickory Valley	122.20	34	P	PKPdf	10 45 18.1 +0.7
U47A	Clarksville	122.21	31	P	PKPdf	10 45 18.0 +0.5
V41A	Holladay	122.28	32	P	PKPdf	10 45 16.9 -0.7
246A	Mo Tay, Golden	122.31	39	P	PKPdf	10 45 17.8 0.0
P53A	Whipple	122.42	25	P	PKPdf	10 45 17.8 +0.1
Q52A	Bidwell	122.50	26	P	PKPdf	10 45 18.0 +0.1
Y44A	Strider, Charl	122.52	35	P	PKPdf	10 45 18.8 +0.7
U48A	Cassie Pea, Po	122.53	31	P	PKPdf	10 45 18.3 +0.2
T49A	Edmonton	122.55	29	P	PKPdf	10 45 18.4 +0.4
OXF	Oxford	122.56	34	P	PKPdf	10 45 18.4 +0.2
V47A	Nunnelly	122.56	32	P	PKPdf	10 45 17.7 -0.4
S50A	Richmond	122.62	28	P	PKPdf	10 45 17.8 -0.4
X45A	JIM Field Stati	122.63	34	P	PKPdf	10 45 18.2 -0.1
SSPA	Standing Stone	122.75	21	P	PKPdf	10 45 18.3 -0.1
Z44A	Pea Ridge, Bel	122.89	36	P	PKPdf	10 45 19.2 +0.4
U49A	Red Boiling Sp	122.90	30	P	PKPdf	10 45 19.3 +0.5
PLAL	Pickwick Lake	122.92	33	ePKPdf	PKPdf	10 45 18.4 -0.5
T50A	Nancy	122.94	29	P	PKPdf	10 45 18.7 -0.1
Y45A	Yeager Farm, C	122.97	35	P	PKPdf	10 45 19.9 +1.0
W47A	Westpoint	122.97	32	P	PKPdf	10 45 19.0 0.0
W48A	Smith Brothers	122.99	31	P	PKPdf	10 45 18.5 -0.4
S51A	Beattyville	123.02	28	ePKPdf	PKPdf	10 45 18.9 -0.1
S51A	Beattyville	123.02	28	P	PKPdf	10 45 18.4 -0.6
Z45A	Winona	123.25	35	ePKPdf	PKPdf	10 45 20.6 +1.1
Z45A	Winona	123.25	35	P	PKPdf	10 45 20.0 +0.5
Y46A	Houston	123.33	33	P	PKPdf	10 45 19.7 0.0
X47A	Russelville	123.39	33	P	PKPdf	10 45 18.8 -0.9
W48A	Pulaski	123.40	32	P	PKPdf	10 45 19.2 -0.6
T51A	Gray	123.41	28	P	PKPdf	10 45 19.6 -0.1
U50A	Jamestown	123.43	29	P	PKPdf	10 45 19.8 0.0
Y49A	McMinville	123.43	31	P	PKPdf	10 45 19.1 -0.8
244A	Avery, Jackson	123.64	37	P	PKPdf	10 45 20.4 +0.2
T52A	Hallie	123.73	27	P	PKPdf	10 45 19.7 -0.6
W49A	Belvidere	123.76	31	P	PKPdf	10 45 20.1 -0.3
Y47A	UPCAR, Winfie	123.87	34	P	PKPdf	10 45 20.7 0.0
X48A	Hartselle	123.87	32	P	PKPdf	10 45 19.9 -0.8
W50A	Signal Mountai	124.17	31	P	PKPdf	10 45 20.0 -1.3
X49A	Woodville	124.20	32	P	PKPdf	10 45 20.8 -0.5
Z48A	Northart	124.42	34	P	PKPdf	10 45 21.6 -0.2
V52A	Sevierville	124.48	29	ePKPdf	PKPdf	10 45 22.4 +0.6
V52A	Sevierville	124.48	29	P	PKPdf	10 45 22.4 +0.6
U53A	Fall Branch	124.53	28	P	PKPdf	10 45 21.9 -0.1
TKL	Tuckaleechee C	124.55	29	PKP	PKPdf	10 45 21.8 -0.1
TKL	Tuckaleechee C	124.55	29	ePKPdf	PKPdf	10 45 22.5 +0.5
X50B	Fort Payne	124.59	31	P	PKPdf	10 45 21.9 -0.2
Y49A	Blount Mountai	124.66	32	P	PKPdf	10 45 22.4 +0.1
W52A	Murphy	124.93	30	P	PKPdf	10 45 23.0 +0.2
LRLAL	Lakeview Retre	124.94	34	ePKPdf	PKPdf	10 45 22.8 0.0
LRLAL	Lakeview Retre	124.94	34	P	PKPdf	10 45 23.3 +0.4
V53A	Saluda	124.99	28	P	PKPdf	10 45 22.8 -0.1
R58B	Mineral	125.11	23	P	PKPdf	10 45 22.6 -0.3
Z49A	Columbiana	125.11	33	P	PKPdf	10 45 22.9 -0.2
W53A	Cullowhee	125.24	29	P	PKPdf	10 45 23.2 -0.2
X52A	Dahlonaga	125.35	30	P	PKPdf	10 45 23.5 -0.1
347A	Saraland	125.36	36	P	PKPdf	10 45 22.5 -1.1
Z50A	Ashland	125.39	33	ePKPdf	PKPdf	10 45 24.0 +0.4
Z50A	Ashland	125.39	33	P	PKPdf	10 45 22.5 -1.2
X53A	Estanolee	125.71	29	P	PKPdf	10 45 24.9 +0.7
249A	Camden	125.72	34	P	PKPdf	10 45 24.7 +0.4
Z51A	Franklin	125.73	32	P	PKPdf	10 45 24.4 +0.1
150A	Eclectic	125.84	33	P	PKPdf	10 45 24.0 -0.5
Y52A	Liburn	125.86	31	ePKPdf	PKPdf	10 45 25.7 +1.2
Y52A	Liburn	125.86	31	P	PKPdf	10 45 24.9 +0.4
Y53A	Monroe	126.10	30	P	PKPdf	10 45 25.5 +0.6
KM5C	Kings Mountain	126.10	27	P	PKPdf	10 45 24.9 -0.1
349A	Repton	126.16	35	P	PKPdf	10 45 25.7 +0.6
Z50A	Grady	126.19	34	P	PKPdf	10 45 25.9 +0.7
Z52A	Williamson	126.22	31	P	PKPdf	10 45 25.1 +0.8

151A	Opekla	126.27	33	P	PKPdf	10 45 25.6 +0.2
BRAL	Brewton	126.38	35	P	PKPdf	10 45 25.8 +0.2
152A	Waverly Hall	126.47	32	P	PKPdf	10 45 26.3 +0.5
GOGA	Godfrey	126.52	30	P	PKPdf	10 45 26.5 +0.7
Y54A	Tignal	126.53	29	P	PKPdf	10 45 26.0 +0.2
251A	Midway	126.56	33	P	PKPdf	10 45 26.4 +0.5
Z53A	Monticello	126.57	31	P	PKPdf	10 45 26.6 +0.7
252A	Lumpkin	127.00	32	P	PKPdf	10 45 26.9 +0.2
253A	Americus	127.26	32	P	PKPdf	10 45 27.7 +0.5
352A	Blakely	127.30	33	P	PKPdf	10 45 27.5 +0.2
PMSA	Palmer Station	127.45	175	ePKPdf	PKPdf	10 45 27.5 +1.1
ESPN	Las Esperanzas	141.45	51	ePKPpre	PKPpre	10 45 47.0 0.0
AQP	Aguedilla	146.25	52	ePKPpre	PKPpre	10 46 05.8 -0.3
HC1T	Isia Barro Col	146.48	51	ePKPpre	PKPpre	10 46 05.8 +0.5
AOPR	Arciboo Observ	146.93	22	ePKPpre	PKPpre	10 46 04.9 -0.6
OBIP	Obispo Ponca	147.22	22	ePKPpre	PKPpre	10 46 06.0 -0.4
CBYF	Canvanas	147.32	20	ePKPpre	PKPpre	10 46 06.6 0.0
SJG	San Juan	147.36	21	ePKPpre	PKPpre	10 46 04.2 -0.1
SJG	San Juan	147.36	21	ePKPpre	PKPpre	10 46 08.2 -0.3
ABVI	Anegada Island	147.37	18	ePKPpre	PKPpre	10 46 07.7 -0.8
HUMP	Col San Antoni	147.44	21	ePKPpre	PKPpre	10 46 06.5 -0.4
STVI	Saint Thomas	147.54	19	ePKPpre	PKPpre	10 46 07.4 +0.3
TRP	Monte Pirata	147.58	20	ePKPpre	PKPpre	10 46 07.1 -0.2
PLCA	Paso Flores	148.58	156	PKP	PKPdf	10 46 05.9 +0.1
PLCA	comp=Z,21nm,1.0s	148.58	156	PKP	PKPdf	10 46 07.2 +1.4
PLCA	Paso Flores	148.58	156	PKIKP	PKPdf	10 46 05.9 +0.1
PLCA	comp=Z,21nm,1.0s			pmax	pmax	10 46 10.6 -0.4
ANWB	Willy Bob	149.06	14	ePKPpre	PKPpre	10 46 11.3 +0.2
ANWB	Willy Bob	149.06	14	ePKPpre	PKPpre	10 46 10.5 -0.3
G008	Curarrehue	149.17	154	ePKPpre	PKPpre	10 46 08.9 +2.1
GM	Marne Mazeau	150.41	14	ePKPpre	PKPpre	10 46 11.4 +0.2
UREC	San Jos' de U	150.85	47	eP	PKPdf	10 46 11.7 +1.6
ZARC	Zaragoza, Cauc	151.51	47	eP	PKPdf	10 46 10.8 -0.2
FDI	Fort de France	152.04	14	ePKPpre	PKPpre	10 46 18.9 +0.5
PTBC	PUERTO BERRIO	152.46	47	eP	PKPdf	10 46 08.5 -4.1
HUOR	Saladito	152.75	56	eP	PKPdf	10 46 12.5 -0.8
OTAV	Otavalo	152.95	34	ePKPpre	PKPpre	10 46 12.0 -1.7
POPC	Popayan, Colom	153.25	57	eP	PKPdf	10 46 19.1 -2.3
SDV	Santo Domingo	153.28	38	PKP	PKPdf	10 46 14.4 +0.5
SDV	comp=Z,11nm,0.9s	153.28	38	PKP	PKPdf	10 46 21.7 +0.2
BARC	Barichara	153.32	45	eP	PKPpre	10 46 21.2 -0.4
TROA	Tornquist	153.75	166	ePKPpre	PKPpre	10 46 21.0 -1.7
TRQA	Troque	153.75	166	ePKPpre	PKPpre	10 46 21.8 +0.2
TRQA	Troque	153.75	166	ePKPpre	PKPpre	10 46 21.8 +0.2
TRQA	Tornquist	153.75	166	ePKPpre	PKPpre	10 46 29.9 -2.6
TRQA	Tornquist	153.75	166	ePKPpre	PKPpre	10 46 21.0 -1.7
TRQA	Troque	153.75	166	ePKPpre	PKPpre	10 46 29.9
RUSC	La Rusia	153.89	46	eP	PKPpre	10 46 22.1 -1.1
CHIC	Chingaza	154.28	49	eP	PKPpre	10 46 15.1 -0.6
ATAH	Atahualpa	155.76	79	PKP	PKPdf	10 46 19.0 +1.4
MDP	Montagnes des	162.34	354	PKP	PKPdf	10 46 23.9 -1.0
MDP	comp=Z,7.5nm,0.9s			PKP	PKPdf	10 46 23.9 -1.0
MMNC	Minye Minye	164.01	116	ePKPpre	PKPpre	10 47 18.5 +1.9
CPUP	Villa Florida	166.06	169	PKP	PKPdf	10 46 28.1 +0.3
CPUP	comp=Z,4.0nm,1.0s	166.06	169	PKP	PKPdf	10 46 28.1 +0.3
CPUP	Villa Florida	166.06	169	ePKPpre	PKPpre	10 47 28.4 +0.5
CPUP	Villa Florida	166.06	169	ePKPpre	PKPpre	10 47 28.6 +0.8
CPUP	Villa Florida	166.06	169	ePKPpre	PKPpre	10 47 28.7 +0.8
LPAZ	La Paz	166.21	107	ePKPpre	PKPpre	10 46 30.2 +1.2
LPAZ	La Paz	166.21	107	ePKPpre	PKPpre	10 46 30.2 +1.2
PTGA	Pitinga	166.29	26	ePKPpre	PKPpre	10 46 28.8 -0.2
PTGA	Pitinga	166.29	26	ePKPpre	PKPpre	10 46 29.0 +0.1
SAML	Samuel	170.65	68	ePKPpre	PKPpre	10 46 31.8 +0.6
SAML	Samuel	170.65	68	ePKPpre	PKPpre	10 46 31.8 +0.6

ISCJB 15 10:38:59.1±1.0, 18.54S:0.04±0.72W:0.08, h42km, 8km, mb4.2/4. Error ellipse: s-maj=13.3km s-min=7.2km az=6.2

GUC 15 10:39:01.5±0.5, 18.65S:70.52W, h40km, 2km, ML4,3

NEIC 15 10:39:01.0±0.0, 18.65S:70.52W, h40km, mb4.3/4, ML3.8(GUC), ML4.3(APOC), After GUC.

NEIC Felt [I] at Arica and Poconchile. Felt [II] at Tacna, Peru.

IDC 15 10:39:10.2±4.7, 18.27S:70.06W, h133km, 34km, mb3.7/3, mb1 3.8/4, mb1mx3.2/38, mbtmp4.0/4. Error ellipse: s-maj=53.2km s-min=49.2km az=179.0

ISC 15 10:38:59.3±1.4, 18.50S:0.05±70.7W:0.1, h43km, 12km, n25, v194/34, mb4.4/4.5D, Near coast of northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res		
					h	m	s	ISC
PB12	IPOC Station P	0.41	106	Op	10 39 08.9	-0.2		
PB12	IPOC Station P	0.41	106	Op	10 39 14.7	-1.4		
PB12	IPOC Station P	0.41	106	Op	10 39 14.7	-1.4		
ARCH	Arica	0.42	89	Op	10 39 09.2	0.0		
ARCH	Arica	0.42	89	Op	10 39 15.1	-1.0		
PB16	IPOC Station P	1.18	82	Op	10 39 18.8	-0.1		
PB16	IPOC Station P	1.18	82	Op	10 39 34.4	-0.8		
PB16	IPOC Station P	1.18	82	Op	10 39 37.8			
PSGC	Pisagua	1.24	152	Op	10 39 19.8			

15d 16h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JANG Nango, JYT Yasato, JAG Ashikaga.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARO 15:16:01.022,2.116N,0.2.430E,0.3.h3km,M13.1.Ethiopia.

NIED 15:16:09:00,35:780N,141:10E,h11km,Mw4.3 Best double couple: M2.750000,1015 NP1.36300000,845.000000,...

BUI 15:16:09:41.0,35:59N,141:01E,h5km,mb4.5/22,mb5.0/9,Mw4.2/3,M57.4/0.3

IDC 15:16:09:43.6,0.5,35:62N,141:01E,h0km,mb4.1/25,mb1.4/2.30,mb1mx4.1/5.7,mbtmp4.1/30,ML3.9,MS3.2/5,...

ISCJJB 15:16:09:44.0,0.8,35:69N,141:07E,0.05,h14km,4km,mb4.3/37,MS4.2/4,Error ellipse: s-maj=6.4km s-min=4.6km az=167.6

JMA 15:16:09:45.0,2.35:76N,141:00E,h14km,1km,M4.4 Broadband fault plane solution: P waves. NP1: 0.219.00000,0.365.00000,1.50.000000. NP2: 0.335.00000,0.346.00000,1.144.000000. Principal axes: T P1g11.00000, Azm281.00000, N P1g36.00000, Azm19.00000; P P1g52.00000, Azm177.00000;

JMA Felt III J1. NEIC 15:16:09:45.0,0.4,35:65N,141:01E,h10km,mb4.3/1 Error ellipse: s-maj=7.8km s-min=7.1km az=114.0

NEIC Recorded [3 JMA] in Ibaraki. MOS 15:16:09:47.1,1.7,35:70N,140:98E,h33km,mb4.7/13,Error ellipse: s-maj=11.4km s-min=7.2km az=120.6

ISC 15:16:09:44.2,1.4,35:74N,140:08E,0.05,h3km,8km,n97,r1955/103,mb4.3/37,MS4.2/4,11C-7D,Near east of eastern Honshu

Main table of station data for the 15d 16h period, including station names, coordinates, and operational status.

2012 SEP

Main table of station data for the 2012 SEP period, including station names, coordinates, and operational status.

936

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JHK Hiroka, JHK Hiroka, JHK Hiroka.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DJA 15:16:24:15.6,8.0,10'S,18'11.4'E, h130km,28km,M3.6/10, ML3.6/10, South of Jawa.

IDC 15:16:32:19.8,0.3,10:74S,113:86E,h0km,mb5.4/38,mb1.5/4.42,mb1mx5.3/4.5,mbtmp5.4/42,ML5.2/4,MS5.1/27,...

BUI 15:16:32:19.0,10:80S,113:95E,h5km,mb5.4/77,mb5.8/69,Ms5.5/66,M57.5/379

ISCJJB 15:16:32:21.0,0.0,10:87S,113:96E,h15km,Moment Tensor Solution. s15 Moment tensor: Scale 10^17Nm; Mr=3.65; Ms=3.12; Mz=0.54; Mw=1.47; Mv=0.76; Mw/0.37; Best double couple: M2.800000,1017 NP1.36300000,845.000000,...

NEIC 15:16:32:21.0,0.0,10:87S,113:96E,h15km,Moment Tensor Solution. s15 Moment tensor: Scale 10^17Nm; Mr=3.65; Ms=3.12; Mz=0.54; Mw=1.47; Mv=0.76; Mw/0.37; Best double couple: M2.800000,1017 NP1.36300000,845.000000,...

NEIC 15:16:32:21.0,0.0,10:87S,113:96E,h15km,Moment Tensor Solution. s15 Moment tensor: Scale 10^17Nm; Mr=3.65; Ms=3.12; Mz=0.54; Mw=1.47; Mv=0.76; Mw/0.37; Best double couple: M2.800000,1017 NP1.36300000,845.000000,...

NEIC Felt [II] at Kuta and [I] at Denpasar, Tabanan and Ubud, Bali. Also felt at Gianyar and Sukawati.

GCMT 15:16:32:21.0,0.0,10:87S,113:96E,h15km,Moment Tensor Solution. s15 Moment tensor: Scale 10^17Nm; Mr=3.65; Ms=3.12; Mz=0.54; Mw=1.47; Mv=0.76; Mw/0.37; Best double couple: M2.800000,1017 NP1.36300000,845.000000,...

MOS 15:16:32:21.0,0.0,10:87S,113:96E,h15km,Moment Tensor Solution. s15 Moment tensor: Scale 10^17Nm; Mr=3.65; Ms=3.12; Mz=0.54; Mw=1.47; Mv=0.76; Mw/0.37; Best double couple: M2.800000,1017 NP1.36300000,845.000000,...

DJA 15:16:32:24.0,0.5,11:15'S,113:41'E,h29km,4km,M5.7/82,mb5.7/82,mb6.1/72,MLV6.1/30,Mw(mB)5.7/72,Mwp5.7/18

ISC 15:16:32:24.0,1.0,10:74S,113:86E,0.03,h29km,3km,n1082,r1966/1084,mb5.6/176,MS5.2/166,61C-19D, South of Jawa

Main table of station data for the 936 period, including station names, coordinates, and operational status.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like SKJI Sukabumi, PBKI Pangkalan Bun, MMRI Maumere, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like BUKP Musuan, WRA Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like PMG, CMMT Chiang Mai, CHTO Chiang Mai, etc.

DZA	comp=Z,59nm,1.3s	eS	S	16 51 53.0	-1.5
ABTO	Aybut	66.09 294	P	16 43 10.3	+1.2
IUG	Iuzhnyy	66.25 326	LP	16 43 10.8	+1.1
IUG	comp=Z,198nm,1.2s	eS	P		
UOSS	Minazif	66.50 303	eP	16 51 56.2	-0.9
UOSS	Minazif	66.50 303	P	16 43 11.2	-0.4
UOSS	Minazif	66.50 303	P	16 43 10.7	-0.9
UOSS	Minazif	66.50 303	iP	16 43 09.9	-1.6
ALNE	Aj Ain	66.51 302	iP	16 43 10.0	-1.7
HATD	Hatta, Dubai	66.51 303	P	16 43 11.1	-0.6
HATD	Hatta, Dubai	66.51 303	iP	16 43 09.6	-2.0
ASHO	Ashiyah	66.52 303	P	16 43 11.3	-0.4
ASHO	Ashiyah	66.52 303	iP	16 43 10.5	-1.2
CHM	Chimkent	66.60 326	eP	16 43 12.8	+1.0
CHM	comp=Z,173nm,1.4s	eS	S	16 52 00.5	-0.7
CHM	comp=Z,173nm,1.4s	LR	LR		
KK31	Kararay Array	66.63 327	eP	16 43 12.2	+0.2
KK31	Kararay Array	66.63 327	iP	16 43 12.0	0.0
KK31	comp=Z,13nm,0.7s	eP	pmx		
KKAR	Kararay Array	66.63 327	eP	16 43 12.2	+0.2
KKAR	Kararay Array	66.63 327	iP	16 43 12.2	+0.2
MSFE	Esma-Masafi	66.72 304	iP	16 43 12.5	-0.4
BANOM	Banah	66.84 304	iP	16 43 12.3	-1.5
BRLS	Boroley	66.94 326	eS	16 52 00.4	-5.0
NAZ	Nazwa, Dubai	66.97 303	P	16 43 14.3	-0.2
NAZ	Nazwa, Dubai	66.97 303	iP	16 43 14.4	-0.1
SHME	Shamm	67.03 304	iP	16 43 14.8	-0.1
ASUD	Aj Ashush, Dub	67.09 303	P	16 43 14.9	-0.4
ASUD	Aj Ashush, Dub	67.09 303	iP	16 43 15.1	-0.2
AJN	Ajban	67.35 302	P	16 43 15.5	-1.4
SEM	Semipalatinsk	67.61 337	eP	16 43 18.4	+0.1
SEM	comp=Z,70nm,1.1s	eS	LR	16 52 11.5	-2.0
SEM	comp=Z,70nm,1.1s	LR	LR	17 14 57.7	
NKL	Nikolayevsk	67.61 17	eP	16 43 19.0	+1.0
NKL	comp=N,30nm,1.0s	iS	S	16 52 12.0	-0.9
NKL	comp=N,30nm,1.0s	e	pmx	16 56 29.0	
NKL	comp=Z,98nm,1.0s	e	pmx		
NKL	comp=Z,2um,12.0s	e	smx		
NKL	comp=N,2um,13.0s	e	smx		
NKL	comp=E,1um,13.0s	e	smx		
MZR	Muzera	68.00 300	iP	16 43 20.7	-0.4
BOD	Bodaibo	68.31 0	eP	16 43 22.5	+0.2
BOD	comp=Z,146nm,1.7s	e	pmx		
KURK	Kurchatov	68.47 337	eP	16 43 23.3	-0.1
KURK	Kurchatov	68.47 337	LR	16 43 24.0	+0.6
KURK	Kurchatov	68.47 337	eP	16 43 23.3	-0.1
KURK	Kurchatov	68.47 337	pmx		
KURK	comp=Z,83nm,0.8s	e	MLR	16 43 23.3	-0.1
ZAAO	Zalesovo Array	69.01 342	eP	16 43 25.9	-0.9
ZALV	Zalesovo Beam	69.01 342	P	16 43 26.2	-0.5
ZALV	comp=Z,43nm,0.6s,baz=151,slow=4.3,SNR=149	S	S	16 52 26.8	-2.8
ZALV	comp=Z,3.4nm,0.9s,baz=157,slow=12,SNR=5.6	P	P	17 11 38.8	+2.8
ZALV	comp=Z,3.9nm,1.0s,baz=343,slow=4.6,SNR=12	LR	LR	17 18 00.4	
OTUK	Ortayu	69.29 332	eP	16 43 28.5	-0.2
OTUK	comp=Z,100nm,0.9s	e	pmx		
NVS	Novosibirsk	70.26 342	iP	16 43 34.0	-0.4
NVS	comp=N,26nm,1.1s	eS	pmx	16 52 40.1	-1.1
NVS	comp=E,29nm,1.1s	e	pmx		
NVS	comp=Z,70nm,1.1s	e	smx		
NVS	comp=N,8.0nm,1.5s	e	smx		
NVS	comp=E,68nm,2.6s	e	smx		
BRZS	Berezniik	70.39 333	iP	16 43 36.0	+0.6
BRZS	comp=E,100nm,1.2s	iS	S	16 52 44.9	-1.2
BRZS	comp=E,100nm,1.2s	iS	LR	16 52 44.9	-1.2
BRZS	comp=E,442nm,14.7s	LR	LR	17 19 30.1	
VNDA	Vanda	71.10 170	P	16 43 39.5	+0.2
VNDA	comp=Z,28nm,0.9s,baz=308,slow=6.3,SNR=114	LR	LR	17 14 13.7	
VNDA	comp=E,3um,18.5s,baz=332,slow=35	LR	LR	16 43 38.8	-0.5
VNDA	comp=E,53nm,1.1s	eP	P	16 43 38.8	-0.5
VNDA	comp=Z,53nm,1.1s	eP	pmx		
GEYT	Alibeck	71.14 316	P	16 43 40.8	+0.6
GEYT	comp=Z,12nm,1.0s,baz=144,slow=5.5,SNR=33	LR	LR	17 17 43.7	
GEYT	comp=Z,1um,20.4s,baz=200,slow=92	LR	LR	16 43 40.9	+0.7
GYAOB	ALIBECK ARRAY	71.14 316	eP	16 43 34.6	-6.3
SKR	Severo-Kuril's	71.31 27	eP	16 43 36.1	-0.5
SKR	comp=Z,108nm,0.8s	eS	pmx	16 52 56.1	-0.5
SKR	comp=Z,900nm,3.9s	e	pmx		
SKR	comp=Z,600nm,8.1s	e	pmx		
SKR	comp=Z,600nm,14.0s	e	MLR		
SKR	comp=Z,800nm,14.0s	e	MLR		
SBA	Scott Base	72.14 170	eP	16 43 46.4	+0.9
SBA	comp=Z,60nm,1.3s	LR	LR		
SBA	comp=Z,2um,20.0s	eP	P	16 43 46.4	+0.9
SBA	comp=Z,60nm,1.3s	eP	pmx		
SBA	comp=Z,2um,20.0s	eP	MLR		
AFI	Afiamalau	72.39 101	P	16 43 50.0	+1.8
BRVK	Borovyoye	73.64 334	eP	16 43 55.8	+1.0
BRVK	comp=Z,54nm,1.1s	LR	LR		
BRVK	comp=Z,1um,21.0s	eP	P	16 43 55.7	+1.0
BRVK	comp=Z,1um,21.0s	eP	pmx	16 43 55.6	+0.8
BRVK	comp=Z,51nm,1.7s	eP	P	16 43 56.6	+1.3
PEAOB	Petrovskoyevsk	73.73 26	eP	16 43 57.5	+0.4
PETK	Petrovskoyevsk	73.73 26	P	16 43 57.5	+0.4
PETK	comp=Z,30nm,0.7s,baz=197,slow=1.9,SNR=62	LR	LR	17 17 17.1	

PETK	Petrovskoyevsk	73.73 26	eP	16 43 56.2	+0.9
PET	Petrovskoyevsk	74.08 26	eP	16 43 58.4	+1.1
PET	comp=Z,740nm,21.0s	LR	LR		
PET	Petrovskoyevsk	74.08 26	eP	16 43 57.9	+0.6
PET	Petrovskoyevsk	74.08 26	eS	16 53 24.0	+0.5
PET	comp=Z,73nm,0.8s	e	pmx		
PET	comp=Z,700nm,8.0s	e	pmx		
PET	comp=Z,600nm,19.0s	e	MLR		
SYO	Syowa Base	74.44 201	iP	16 43 57.7	-1.5
SYO	Syowa Base	74.44 201	iP	16 44 04.9	+5.7
SYO	Syowa Base	74.44 201	iP	16 44 14.8	+1.1
RAYN	Ar Rayn	75.04 298	eP	16 44 03.1	-0.5
RAYN	comp=Z,2um,19.0s	eP	LR		
RAYN	Ar Rayn	75.04 298	iP	16 44 02.9	-0.7
RAYN	Ar Rayn	75.04 298	eP	16 44 03.1	-0.5
RAYN	comp=Z,85nm,1.0s	e	pmx		
RAYN	comp=Z,2um,19.0s	eP	MLR		
AB31	Akbulak array	76.19 327	P	16 44 09.7	+0.1
AB31	comp=Z,61nm,0.8s	eP	pmx		
ABKAR	Akbulak array	76.19 327	eP	16 44 09.2	-0.3
KMBO	Kilima Mbogo	76.71 271	P	16 44 13.8	+0.3
KMBO	comp=Z,27nm,1.1s,baz=67,slow=8.1,SNR=26	LR	LR	17 15 41.9	
KMBO	Kilima Mbogo	76.71 271	iP	16 44 14.3	+0.7
KMBO	Kilima Mbogo	76.71 271	eP	16 44 14.1	+0.5
KMBO	Kilima Mbogo	76.71 271	P	16 44 14.5	+0.9
KMBO	Kilima Mbogo	76.71 271	iP	16 44 14.1	+0.5
KMBO	Kilima Mbogo	76.71 271	iP	16 44 14.8	+1.2
KMBO	comp=Z,27nm,1.0s	eP	pmx		
AAE	Adis Abeba	77.31 282	iP	16 44 19.0	+1.9
AAE	Adis Abeba	77.31 282	eS	16 54 13.7	+7.7
AAE	Adis Abeba	77.31 282	eP	16 44 19.0	+1.9
AAE	Adis Abeba	77.31 282	eS	16 54 13.7	+7.7
QSPA	South Pole Qui	79.27 180	P	16 44 26.5	-0.2
QSPA	comp=Z,42nm,1.1s,baz=328,slow=2.0,SNR=54	P	P	16 44 26.5	-0.2
QSPA	South Pole Qui	79.27 180	LR	16 44 26.5	-0.2
SVE	Sverdlodsk	80.31 333	iP	16 44 33.2	+1.0
SVE	comp=Z,82nm,1.3s	e	pmx	16 54 41.4	+1.8
MAK	Makhachkala	80.63 317	eP	16 44 34.2	0.0
MAK	comp=Z,117nm,1.2s	eP	pmx	16 44 36.1	+0.2
ARU	Arti	81.01 332	eP	16 44 35.4	-0.5
ARU	comp=Z,71nm,1.1s	LR	LR	16 47 36.9	
ARU	Arti	81.01 332	iP	16 44 36.9	-0.5
ARU	comp=Z,98nm,1.7s	e	pmx	16 54 41.6	-1.4
GNI	Garni	81.45 314	eP	16 44 40.3	+1.4
GNI	comp=Z,78nm,1.4s	LR	LR	16 44 39.7	+0.8
GNI	Garni	81.45 314	P	16 44 38.9	0.0
GNI	Garni	81.45 314	iP	16 44 40.3	+1.4
GNI	Garni	81.45 314	eP	16 44 40.3	+1.4
GNI	comp=Z,78nm,1.4s	e	MLR	16 44 40.8	0.0
NRK	Noril'sk	81.99 351	P	16 44 40.8	0.0
NRK	comp=Z,17nm,0.8s,baz=151,slow=24,SNR=15	P	P	17 26 15.5	
NRK	Noril'sk	81.99 351	P	16 44 42.6	-0.1
MATP	Matopo	82.09 251	P	16 44 47.9	+2.0
AKH	Akhalkalaki	82.79 314	iP	16 44 44.3	-0.8
TIXI	Tiksi	82.81 5	eP	16 44 45.6	+0.5
TIXI	comp=Z,2um,21.0s	LR	LR	16 44 48.6	+0.1
TIXI	Tiksi	82.81 5	iP	16 44 48.0	-0.4
LSZ	Lusaka	83.18 256	P	16 44 48.0	-0.4
LSZ	comp=Z,18nm,0.6s,baz=89,slow=4.3,SNR=39	P	P	16 44 48.0	-0.4
LSZ	Lusaka	83.18 256	eP	16 44 48.0	-0.4
LSZ	comp=Z,27nm,0.8s	LR	LR	16 44 48.4	-0.1
LSZ	Lusaka	83.18 256	P	16 44 48.0	-0.4
LSZ	comp=Z,1um,21.0s	eP	pmx		
MBAR	Mbarara	83.20 271	iS	16 55 11.3	+3.5
MBAR	Mbarara	83.20 271	iS	16 44 46.0	-2.6
MBAR	Mbarara	83.20 271	eS	16 55 06.0	-1.8
NCK	Nalchik	83.47 316	iP	16 44 50.3	+1.1
NCK	comp=Z,92nm,1.2s	e	pmx	16 44 51.3	-0.1
BOSA	Boshof	83.79 242	P	16 44 51.1	-0.3
BOSA	comp=Z,18nm,0.8s,baz=87,slow=4.3,SNR=22	LR	LR	17 14 42.6	
BOSA	Boshof	83.79 242	eP	16 44 51.1	-0.3
BOSA	Boshof	83.79 242	eP	16 44 51.1	-0.3
NVL	N'lazarevskaya	83.89 199	eP	16 44 51.7	+0.8
NVL	comp=Z,27nm,0.9s	e	SS	16 55 11.2	-1.1
NVL	N'lazarevskaya	83.89 199	eS	17 00 45.2	+5.5
NVL	N'lazarevskaya	83.89 199	eSSS	17 04 14.1	
NVL	N'lazarevskaya	83.89 199	eSSS	16 44 53.0	+1.0
NVL	N'lazarevskaya	83.89 199	eSSS	16 44 53.0	+1.0
KBZ	Khabaz	84.03 316	P	16 44 52.8	+0.1
KBZ	comp=Z,32nm,1.0s,baz=172,slow=1.5,SNR=46	P	P	16 44 52.7	-0.1
KBZ	Khabaz	84.03 316	P	16 44 52.7	-0.1
KBZ	comp=Z,32nm,1.0s	eP	pmx		
LBTB	Lobatse	84.05 246	P	16 44 52.8	+0.1
LBTB	comp=Z,25nm,1.0s,baz=106,slow=6.0,SNR=18	eP	P	16 44 52.7	-0.1
LBTB	Lobatse	84.05 246	eP	16 44 52.7	-0.1
KIV	Kislovodsk	84.25 317	eP	16 44 52.1	-1.2
KIV	comp=Z,32nm,1.0s	LR	LR		
KIV	Kislovodsk	84.25 317	P	16 44 52.6	-0.6
KIV	Kislovodsk	84.25 317	iP	16 44 53.0	-0.2
KIV	Kislovodsk	84.25 317	eP	16 44 52.9	-0.4
KIV	Kislovodsk	84.25 317	eS	16 55 15.3	
KIV	Kislovodsk	84.25 317	eS	17 00 48.5	+1.4
GOF	Gofitskoye	84.41 318	iP	16 44 55.0	+1.1
GOF	comp=Z,27nm,1.1s	eP	pmx		
ADK	Adak	86.03 36	P	16 45 10.0	+8.2
ADK	comp=Z,140nm,1.4s	LR	LR		
SUR	Sutherland	86.94 238	P	16 45 07.8	+0.7
SUR	comp=Z,12nm,0.9s,baz=107,slow=4.6,SNR=4.8	P	P	16 45 07.8	+0.7

SUR	comp=Z,5um,19.0s	LR	LR		
VRH	Novokhoporsky	87.42 323	eP	16 45 08.6	0.0
VRH	Novokhoporsky	87.42 323	eS	16 55 40.9	-6.5
VRH	comp=Z,120nm,0.7s	e	smx		
VRH	comp=N,1um,6.7s	e	smx		
SNA	Sanae	87.96 196	P	16 45 10.9	-0.2
SNA	Sanae	87.96 196	eP</		

15d 16h

Table with columns: KEV, BZS, ARCES, KDAK, VYHS, VYHS, VYHS, OKC, KBS, DPC, COLA, ILAR, ILAR, ILAR, TAOE, TAOE, GOPC, PVCC, PRU, PRU, PRU, PRA, PRA, RKT, RKT, PMSA, GERES, GERES, GERES, KHC, KHC, KHC, KHC, KHC, CLL, CLL, CLL, CLL, CLL, CLL, CLL, CLL, CLL, CLL, CLL, EGAK, EGAK, PTCN, PTCN, BFO, BFO, HOPE, HOPE, WRAK, WRAK, DLBC, DLBC, TORO, TORO, ESK, ESK, SHL, SHL, EFI, EFI, YKA, YKA, YSKA, YSKA, ESDC, ESDC, PAB, PAB, DBIC, DBIC, NLWA, NLWA, D03D, B05A, J01D, I03D, K02D, H04D, L02D, G04D, G05D, M02C, J04D, L04D, N02D, O02D, M04C, J05D, HAWA

2012 SEP

Table with columns: HAWA, O03D, SFJD, SFJD, NEW, NEW, NEW, MOD, MOD, BMO, BMO, BMO, SMMC, PKM, MSO, NVAR, MFID, ISA, CWC, HLD, GLAD, CIS, EDW2, LRMC, MPMC, BFSC, FURC, FFC, FFC, EGMT, EGMT, BOZ, BOZ, BOZ, BOZ, TPNV, GSC, R11A, SHOC, FRD, TUQ, PLCA, PFO, PFO, PFO, PFO, MONP, BELC, GMRC, IKP, LKVV, DUG, DUG, DUG, DUG, BC3, AHID, IRM, RLMT, RLMT, BW06, BW06, PDAR, LAO, LAO, DGMT, DGMT, TRQA, TRQA, WUAZ, WUAZ, K22A, O20A, RSSD, RSSD, RSSD, TUC, TUC, TUC, TUC

940

Table with columns: MVCO, MVCO, MVCO, ISCO, ISCO, ISCO, S22A, AGMN, AGMN, SDCO, SDCO, SDCO, SCHQ, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO, EYMN, EYMN, EYMN, ECSD, ECSD, ECSD, MNTX, MNTX, E38A, BGNE, F38A, SPMN, E39A, CBKS, F39A, E40A, D41A, G38A, MSTX, J36A, H38A, F40A, G39A, E41A, COWI, AMTX, H39A, G40A, E42A, MATQ, F41A, L36A, K37A, LCO, LCO, E43A, H40A, TX9A, H41A, J39A, F43A, I40A, LSQQ, KSU1, KSU1, F44A, SCIA, SCIA, SCIA, G43A, E45A, K39A, J40A, K40A, J41A, JFWS, JFWS, JFWS, M39A, L40A, WMOK, WMOK, K41A

BELO	Belleterre	141.94	14	P	PKPdf	16 51 51.3	-2.0
N39A	Derby Farms, D	141.99	33	P	PKPdf	16 51 53.0	-0.7
J43A	Natura Harves	142.12	27	P	PKPdf	16 51 53.1	-0.7
M40A	Post Highland	142.14	32	P	PKPdf	16 51 52.3	-1.6
L41A	Preston	142.16	30	P	PKPdf	16 51 51.8	-2.1
K42A	Prairie Point,	142.17	28	P	PKPdf	16 51 54.0	0.0
CPUP	Villa Florida	142.19	193	PKHCP	PKPpre	16 51 49.0	
ABTX	Ablene, Hawle	142.21	50	P	PKPdf	16 51 52.0	-2.3
O39A	Kirkville	142.40	34	P	PKPdf	16 51 52.5	-1.9
GLMI	Grayling	142.47	22	PFAKE	LR	16 52 10.0	+1.6
GLMI	comp-Z,900nm,19.0s				LR		
GLMI	Grayling	142.47	22	P	PKPdf	16 51 52.4	-2.1
L2M2	Oliver, Polo	142.62	29	P	PKPdf	16 51 52.4	-2.3
M41A	Milan	142.66	31	P	PKPdf	16 51 51.9	-3.0
Q38A	Cooks Store, C	142.67	36	P	PKPdf	16 51 51.6	-3.3
P39B	Salisbury	142.81	35	P	PKPdf	16 51 52.5	-2.7
Q41A	Harden Midland	142.99	32	P	PKPdf	16 51 52.8	-2.6
N39A	Willow Grove F	142.99	36	P	PKPdf	16 51 53.1	-2.4
R38A	Fenwick Farm,	143.01	38	P	PKPbc	16 51 52.6	+0.3
JCT	Junction City	143.03	53	ePKPdf	LR	16 51 53.8	+1.1
JCT	comp-Z,658nm,19.0s				LR		
JCT	Junction City	143.03	53	ePKIKP	MLR	16 51 53.8	+1.1
JCT	comp-Z,658nm,19.0s				MLR		
TUL1	Leonard	143.21	42	P	PKPbc	16 51 53.6	+0.6
N42A	Yates City	143.32	31	P	PKPbc	16 51 54.2	+1.1
M38A	Stockton	143.36	38	P	PKPbc	16 51 53.9	+0.5
S43A	Waltham Townsh	143.39	29	P	PKPdf	16 51 54.9	-1.2
O41A	Passleys Farm,	143.40	33	P	PKPbc	16 51 53.0	-0.3
KLBO	Killbear Provi	143.43	17	P	PKPbc	16 51 54.2	+1.0
T38A	Diamond	143.50	40	P	PKPdf	16 51 55.1	-1.3
P41A	Barry, Barry	143.62	33	P	PKPbc	16 51 55.0	+1.0
S39A	Bolivar	143.68	38	P	PKPbc	16 51 55.4	+1.2
J47A	Sumner	143.74	23	P	PKPbc	16 51 55.5	+1.2
O42A	Bath	143.76	32	P	PKPbc	16 51 55.0	+0.6
K46A	Dorr	143.82	25	P	PKPdf	16 51 57.0	+0.1
M44A	Midewin, Midew	143.86	29	P	PKPbc	16 51 55.2	+0.5
PEMO	Pembroke	143.89	13	P	PKPbc	16 51 55.7	+1.1
HD1L	Hopedale	143.90	31	PFAKE	LR	16 52 10.0	+1.3
HD1L	comp-Z,1um,20.0s				LR		
HD1L	Hopedale	143.90	31	P	PKPab	16 51 54.4	+0.2
Q41A	Truxton	144.04	34	P	PKPbc	16 51 55.8	+0.5
P42A	Winchester	144.07	33	P	PKPbc	16 51 55.7	+0.4
T39A	Cleaver	144.07	39	P	PKPbc	16 51 55.8	+0.3
O43A	Sugar Creek Fa	144.09	31	P	PKPbc	16 51 55.7	+0.4
WHTX	Lake Whitney,	144.13	49	P	PKPdf	16 51 57.4	-0.3
K47A	Vermontville	144.15	24	P	PKPdf	16 51 56.7	-0.7
B35A	Ashfield	144.20	19	P	PKPdf	16 51 57.3	-0.1
8ASO	Chaparral WMA,	144.26	56	P	PKPbc	16 51 56.7	+0.5
CLWO	Collingwood	144.23	18	P	PKPdf	16 51 57.3	-0.3
SADO	Sadowa	144.27	16	P	PKPdf	16 51 58.2	+0.7
BWLO	Walckerton	144.28	19	P	PKPdf	16 51 57.5	-0.1
N44A	Piper City	144.28	29	P	PKPbc	16 51 56.5	+0.6
BANO	Bancroft	144.35	14	P	PKPdf	16 51 57.2	-0.5
R41A	Rosebud	144.41	35	P	PKPbc	16 51 56.5	+0.1
U39A	Green Forest	144.42	40	P	PKPbc	16 51 56.5	-0.1
ALFO	Alfred	144.42	11	P	PKPdf	16 51 57.2	-0.6
Q2A	Golden Eagle	144.45	34	P	PKPbc	16 51 56.7	+0.2
P43A	Skaggs, Pawnee	144.46	32	P	PKPbc	16 51 56.8	+0.3
T40A	Mansfield	144.52	38	P	PKPbc	16 51 57.2	+0.4
PLVO	Plevna	144.53	13	P	PKPdf	16 51 58.2	+0.2
N45A	Kentland	144.54	29	P	PKPbc	16 51 57.0	+0.3
435B	Jarell	144.61	51	P	PKPbc	16 51 57.7	+0.3
O44A	Mansfield	144.61	30	P	PKPbc	16 51 57.4	+0.3
M46A	Old House Fiel	144.62	27	P	PKPdf	16 51 57.8	-0.5
L47A	Sherwood	144.65	25	P	PKPdf	16 51 57.7	-0.6
V39A	Pettigrew	144.65	41	P	PKPbc	16 51 57.8	+0.4
S41A	Jilco Farms,	144.69	37	P	PKPdf	16 51 58.0	-0.5
R42A	Luebering	144.75	35	P	PKPdf	16 51 58.3	-0.3
U40A	Yellville	144.82	39	P	PKPdf	16 51 58.5	-0.3
N46A	Monticello	144.86	28	P	PKPdf	16 51 58.8	+1.0
Q43A	New Douglas	144.88	33	P	PKPdf	16 51 58.6	-0.2
DELO	Deloro Mine	144.90	14	P	PKPab	16 51 57.0	-0.7
O45A	Potomac	144.90	29	P	PKPdf	16 51 58.4	-0.4
W39A	Magazine	144.95	42	P	PKPdf	16 51 59.1	+0.1
M47A	Cromwell	144.98	26	P	PKPdf	16 51 59.2	+0.3
L48A	N Adams	144.99	24	P	PKPdf	16 51 59.2	+0.2
AAM	Ann Arbor	144.99	23	ePKPdf	LR	16 51 59.2	+0.3
AAM	comp-Z,784nm,20.0s				LR		
AAM	Ann Arbor	144.99	23	ePKIKP	MLR	16 51 59.2	+0.3
AAM	comp-Z,784nm,20.0s				MLR		
T41A	Mountain View	145.04	37	P	PKPdf	16 51 59.3	+0.2
ELFO	Elginfield	145.05	20	P	PKPdf	16 51 59.2	+0.2
P44A	Sand Creek, Wi	145.05	31	P	PKPdf	16 51 59.4	+0.3
ACTO	Action	145.07	18	P	PKPbc	16 51 58.2	-0.2
SFIN	Lafayette	145.10	29	P	PKPdf	16 51 59.5	+0.3

S42A	Caledonia	145.11	35	P	PKPdf	16 51 59.5	+0.3
L49A	Milan	145.11	23	P	PKPdf	16 51 59.6	+0.5
X39A	Four Ranch	145.15	43	P	PKPdf	16 51 59.8	+0.4
V40A	Witts Springs	145.19	40	P	PKPdf	16 51 59.7	+0.2
DRWO	Darlington Wes	145.21	16	P	PKPdf	16 51 59.1	-0.1
DRCO	St. Marys Ceme	145.21	16	P	PKPdf	16 51 59.5	+0.3
R43A	Red Bud	145.24	34	P	PKPdf	16 51 59.7	+0.3
WLVO	Wesleyville	145.25	16	P	PKPab	16 51 59.1	+0.1
M44A	Edgerton	145.25	25	P	PKPdf	16 52 00.0	+0.7
Q48A	Meyer Farm, Va	145.27	32	P	PKPdf	16 51 59.9	+0.4
N47A	Urbana	145.24	27	P	PKPdf	16 51 60.0	+0.5
U41A	Viola	145.41	38	P	PKPab	16 52 00.4	+0.5
W40A	Ferguson Farm,	145.42	41	P	PKPab	16 52 00.8	+0.9
T42A	Van Buren	145.44	37	P	PKPab	16 52 00.5	+0.5
LONY	Lake Ozonia	145.45	11	ePKPdf	LR	16 52 00.5	+0.8
LONY	comp-Z,698nm,20.0s				LR		
LONY	Lake Ozonia	145.45	11	P	PKPab	16 52 00.1	+0.3
P45A	Graceland, Par	145.45	30	P	PKPab	16 52 01.1	+1.2
MIAR	Mount Ida	145.48	42	ePKPdf	LR	16 52 01.4	+1.2
MIAR	comp-Z,739nm,20.0s				LR		
MIAR	Mount Ida	145.48	42	ePKIKP	MLR	16 52 01.4	+1.2
MIAR	comp-Z,739nm,20.0s				MLR		
MIAR	Mount Ida	145.48	42	P	PKPab	16 52 00.3	+0.1
PKME	Peaks-Kenny Pk	145.48	4	ePKPdf	LR	16 52 01.3	+1.4
PKME	comp-Z,675nm,21.0s				LR		
PKME	Peaks-Kenny Pk	145.48	4	P	PKPab	16 52 00.5	+0.7
M49A	Liberty Center	145.57	24	P	PKPab	16 52 00.7	+0.4
TYNO	Tyruside	145.59	18	P	PKPbc	16 52 00.1	+0.1
V41A	Mountainview	145.62	39	P	PKPab	16 52 00.9	+0.2
O47A	Sheridan	145.64	28	P	PKPab	16 52 01.2	+0.6
P46A	Rosedale	145.64	30	P	PKPab	16 52 01.1	+0.4
N48A	Decatur	145.65	26	P	PKPab	16 52 00.9	+0.3
S43A	Fulton Ridge,	145.66	35	P	PKPab	16 52 01.1	+0.3
STCO	Saint Catharin	145.70	17	P	PKPab	16 52 00.9	+0.2
R44A	Waltonville	145.72	33	P	PKPab	16 52 01.3	+0.3
Q45A	Warren Harvey,	145.72	31	P	PKPab	16 52 01.4	+0.5
KVXT	Kingsville	145.74	56	PFAKE	LR	16 52 10.0	+8.6
RCBR	Riachuelo	145.76	243	PFAKE	LR	16 52 10.0	+8.1
RCBR	comp-Z,42um,20.0s				LR		
RCBR	Reviden	145.81	38	P	PKPab	16 52 01.8	+0.4
T43A	Greenville	145.88	36	P	PKPab	16 52 01.9	+0.3
MEDO	Medina	145.94	16	P	PKPbc	16 52 01.3	+0.2
N49A	Columbus Grove	145.95	25	P	PKPab	16 52 02.1	+0.3
W41B	Gar-Mavity, V	145.96	40	P	PKPdf	16 52 00.5	-0.2
Y40A	Okolona	146.00	43	P	PKPab	16 52 02.4	+0.3
M50A	Freont	146.00	23	P	PKPdf	16 52 00.5	-0.1
X40A	Basin Creek Fa	146.00	42	P	PKPbc	16 52 01.6	0.0
S44A	Carbondale	146.02	34	P	PKPab	16 52 02.1	0.0
O48A	Farmland	146.08	27	P	PKPab	16 52 02.3	+0.1
V42A	Cord	146.08	39	P	PKPbc	16 52 01.7	-0.1
R45A	Skylar, Fairri	146.11	32	P	PKPab	16 52 02.8	+0.4
P47A	Martinsville	146.19	29	P	PKPbc	16 52 01.9	-0.2
X41A	Kaden, Bauxite	146.21	41	P	PKPab	16 52 02.7	-0.2
LBNH	Lisbon	146.24	8	P	PKPab	16 52 03.3	+0.6
T44A	Benon	146.27	35	P	PKPbc	16 52 02.6	+0.2
N43A	Rector	146.30	37	P	PKPab	16 52 03.2	0.0
NATX	Nacogdoches	146.30	47	ePKPbc	LR	16 52 04.8	+1.5
NATX	comp-Z,712nm,19.0s				LR		
NATX	Nacogdoches	146.30	47	P	PKPbc	16 52 02.4	-0.2
HKT	Bald Knob	146.34	51	ePKPbc	PKPab	16 52 04.8	+1.3
W42A	Bald Knob	146.35	39	P	PKPab	16 52 03.4	-0.1
Z40A	Long Farm, Mag	146.36	44	P	PKPab	16 52 04.2	+0.7
M51A	Clyburn	146.38	22</				

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like V51A Loudon, U28A Thorn Hill, 147A Livingston, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OTAV Otavalo, BCIP Isla Barro Col, FLOC Florencia, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 15:16:56.39.5.2.5, ISJCJB 15:16:56.42.5.0.9, NEIC 15:17:01.28.7.0.6, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JAGI, JAGJ, IGBI, etc. under the heading '185/59, mb4.0/12, South of Jawa'.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like LOF, HSPB, TRO, etc. under the heading '154/56, Norwegian Sea'.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like HEF, KEV, NROA, etc. under the heading '17:25:41.5, 2.5, 11°12'S; 113°27'E, h0km, mb3.6/4'.

NEIC 15 17:25:45.3±0.5, 10.80S±113.79E, h10km, mb4.2/6, Error ellipse: s-maj=12.8km s-min=6.8km az=214.0

ISCJB 15 17:25:47.0±0.8, 10.74S±113.75E±0.04, h43km, 9km, mb4.3/10, MS4.5/1, Error ellipse: s-maj=8.1km

DJA 15 17:25:49.0±0.6, 11°5'±114°4'E±1, h120km±16km, M4.0/13, MLV4.0/13

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JAGI, IGBI, GUMK, etc. under the heading '15 17:25:48.8±1.0, 10.73S±113.79E±0.05, h36km±2km, n37, ±167/48, mb3.9/10, South of Jawa'.

ISC 15 17:32:37.0±1.9, 42°33'S±174°02'E, h0km, mb3.8/2, mb1.4/1, mb1mx3.8/40, mbtmp3.9/4, ML3.6/2, Error ellipse: s-maj=44.4km s-min=26.5km az=140.0

ISCJB 15 17:32:39.4±0.6, 42°47'S±174°03'E±0.04, h31km±5km, mb4.8/13, Error ellipse: s-maj=6.8km s-min=2.6km az=42.0

NEIC 15 17:32:39.3±1.4, 42°36'S±174°11'E, h20km±8km, mb4.8/11, mb1.0/5, Error ellipse: s-maj=13.3km s-min=3km az=128.0

WEL 15 17:32:39.9, 42°45'±1.0, 17°4'E±1, h38km±6km, ML3.9/40, ISCJB 15 17:32:39.3±1.3, 42.43S±174.17E±0.04, h20km±5km, n116, ±192/125, mb4.7/13, Off east coast of South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KHZ, CMWZ, BSWZ, etc. under the heading '15 17:33:39.5±0.5, 11°3'S±113°14'E±1, h10km, M4.8/14, mB5.1/1, mb4.3/2, MLV5.0/14, Mw(mb)4.4/1'.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like MQZ, AKCZ, OWX, etc. under the heading '15d 17h'.

ISC 15 17:33:34.6±1.4, 10.72S±113.88E, h0km, mb3.6/5, mb1.3/9, mb1mx3.5/47, mbtmp3.8/6, ML4.2/2, Error ellipse: s-maj=45.8km s-min=19.2km az=43.0

NEIC 15 17:33:36.0±0.5, 10.74S±113.94E±1.0km, mb4.5/5, Error ellipse: s-maj=14.9km s-min=6.6km az=217.0

ISCJB 15 17:33:37.4±0.4, 10.81S±113.83E±0.04, h33km, mb4.0/9, Error ellipse: s-maj=6.1km s-min=4.2km az=144.4

DJA 15 17:33:39.5±0.5, 11°3'S±113°14'E±1, h10km, M4.8/14, mB5.1/1, mb4.3/2, MLV5.0/14, Mw(mb)4.4/1

ISC 15 17:33:37.9±0.6, 10.90S±113.86E±0.05, h35km, n39, ±219/50, mb3.8/9, South of Jawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like IGBI, JAGI, GUMK, etc. under the heading '15 17:33:39.5±0.5, 11°3'S±113°14'E±1, h10km, M4.8/14, mB5.1/1, mb4.3/2, MLV5.0/14, Mw(mb)4.4/1'.

LZH	comp=Z,830nm,13.6s		LR	LR					
LZH	comp=Z,750nm,14.1s		LR	LR					
PATS	Pohnpei	47.62 70	eP	P	17 44 17.0	-0.1			
POO	Poona	49.06 306	eP	P	17 44 25.0	-3.2			
KS15	Wonju Array Si	49.78 15	P	P	17 44 33.1	-0.3			
KSAR	Wonju Array Be	49.78 15	P	P	17 44 32.6	-0.7			
KSAR	Wonju Array Be	49.78 15	P	P	17 44 32.7	-0.7			
KSRS	Korea Array	49.80 15	P	P	17 44 32.6	-0.8			
KS01	comp=Z,7.3nm,0.9s,baz=199,slow=7.1,SNR=12								
KJ02	Wonju Array Si	49.82 15	eP	P	17 44 33.0	-0.6			
KJ02	Mitsune	50.22 29	eP	P	17 44 32.6	-0.2			
BJT	Baijiatuu	50.62 2	eP	P	17 44 39.5	-0.2			
BJT	Baijiatuu	50.62 2	eP	P	17 44 39.5	-0.2			
BJT	comp=Z,93nm,1.7s								
BJT	Baijiatuu	50.62 2	eP	P	17 44 39.5	-0.2			
BJI	Beijing	50.65 2	P	P	17 44 39.6	-0.2			
INU	comp=Z,18nm,1.2s								
HHC	Inuyama	50.88 25	eP	P	17 44 41.0	-0.7			
HHC	comp=Z,26nm,1.4s								
HHC	Hu-ho-hao-te	51.45 358	eP	P	17 44 49.9	+3.9			
HHC	comp=Z,15nm,1.0s								
HHC	comp=Z,15nm,5.2s								
DZM	Mont Dzumac	51.46 110	P	P	17 44 46.9	+0.4			
DZM	comp=Z,11nm,0.8s,baz=312,slow=9.2,SNR=70								
DZM	Mont Dzumac	51.46 110	eP	P	17 44 47.2	+0.7			
DZM	comp=Z,15nm,0.9s								
GTA	Gaotai	51.65 346	JP	P	17 44 48.6	+1.0			
GTA			pP	pP	17 44 56.6	-0.3			
GTA			sP	sP	17 45 00.9	+0.3			
GTA			S	S	17 52 07.8	+0.9			
GTA			SS	SS	17 52 22.4	+0.1			
GTA			SS	SS	17 55 44.0	+0.2			
GTA			pmx	pmx					
GTA	comp=Z,11nm,1.9s								
GTA	comp=Z,200nm,5.6s								
GTA	comp=Z,260nm,18.5s								
MAJO	comp=Z,580nm,16.8s								
MAJO	Matsushiro	52.40 25	eP	P	17 44 50.5	-2.6			
MAJO	comp=Z,77nm,1.9s								
MAJO	Matsushiro	52.40 25	JP	P	17 44 53.9	+0.8			
MAJO	comp=Z,11nm,0.9s								
MAT	Matsushiro	52.40 25	P	P	17 44 50.9	-2.2			
MJAR	Matsushiro Arr	52.40 25	P	P	17 44 51.0	-2.1			
MJAR	comp=Z,4.3nm,0.7s,baz=202,slow=6.1,SNR=15								
MJAR	comp=Z,156nm,21.2s,baz=185,slow=36								
MJB9	Matsu-Tunnel	52.40 25	eP	P	17 44 50.5	-2.6			
CN2	comp=Z,78nm,1.9s								
CN2	Changchun	55.38 10	eP	P	17 45 20.8	+6.1			
CN2			eS	S	17 45 27.5	-0.3			
CN2			eS	S	17 53 03.1	+6.0			
CN2			pmx	pmx					
CN2	comp=Z,10.0nm,0.6s								
CN2	comp=Z,200nm,4.0s								
CN2	comp=Z,500nm,15.0s								
CN2	comp=Z,600nm,15.0s								
CN2	comp=Z,600nm,16.0s								
CASY	Casey	55.44 182	eP	P	17 45 15.2	+0.4			
MDJ	comp=Z,14nm,1.4s								
MDJ	Mudanjiang	56.99 13	P	P	17 45 21.8	-4.4			
MDJ			pP	pP	17 45 31.1	-4.6			
MDJ			sP	sP	17 45 34.9	-4.4			
MDJ			PcP	PcP	17 46 19.1	-2.0			
MDJ			S	S	17 53 10.8	-7.7			
MDJ			SS	SS	17 57 27.2	-2.5			
MDJ			ScS	ScS	17 55 08.4	-4.9			
MDJ	Mudanjiang	56.99 13	SS	SS	17 56 59.3	-8.4			
MDJ			pmx	pmx					
MDJ	comp=Z,32nm,0.8s								
MDJ	comp=Z,670nm,12.3s								
MDJ	comp=N,330nm,4.7s								
MDJ	comp=E,210nm,4.5s								
MDJ									
MDJ	comp=Z,640nm,31.1s								
MDJ	Mudanjiang	56.99 13	eP	P	17 45 25.8	-0.4			
MDJ	comp=Z,19nm,0.7s								
USA0B	Ussuriysk Arra	57.19 15	eP	P	17 45 27.1	-0.5			
USAR	comp=Z,26nm,0.8s								
USAR	Ussuriysk Ar	57.19 15	P	P	17 45 27.2	-0.4			
USAR	comp=Z,17nm,0.7s,baz=189,slow=6.2,SNR=28								
WKZ	Wanaka	57.98 136	eP	P	17 45 34.0	+0.7			
WKZ	comp=Z,119nm,1.1s								
NIL	Nilore	58.70 321	eP	P	17 45 37.8	-0.7			
NIL	comp=Z,103nm,1.6s								
NIL	Nilore	58.70 321	eP	P	17 45 37.8	-0.7			
NIL			pmx	pmx					
SONA0	comp=Z,103nm,1.6s								
SONA0	Songino Array	58.77 354	eP	P	17 45 39.0	+0.3			
SONA0	Songino Array	58.77 354	P	P	17 45 39.0	+0.3			
SONA1	comp=Z,10nm,0.6s,baz=176,slow=8.5,SNR=64								
SONA1	Songino Array	58.78 354	eP	P	17 45 38.6	-0.3			
RPNZ	Rata Peaks	59.05 135	eP	P	17 45 40.6	-0.3			
TEY	comp=Z,177nm,2.0s								
WMQ	Temei	59.28 19	eP	P	17 45 38.3	-3.9			
WMQ	Urumqi	59.36 338	P	P	17 45 44.0	+1.1			
WMQ			pP	sP	17 45 55.8	-0.2			
WMQ			pmx	pmx					
WMQ	comp=Z,25nm,1.3s								
WMQ	comp=Z,800nm,6.5s								
WMQ	comp=Z,300nm,25.9s								
WMQ	comp=Z,440nm,27.5s								
OXZ	comp=Z,470nm,25.9s								
OXZ	Oxford	59.65 134	eP	P	17 45 45.8	+0.8			
OXZ	comp=Z,224nm,2.0s								
THZ	Tophouse	59.90 132	eP	P	17 45 46.6	-0.1			
KHZ	comp=Z,283nm,1.3s								
KHZ	Kahutara	60.50 133	eP	P	17 45 52.3	+1.5			
ASAJ	comp=Z,296nm,1.9s								
ASAJ	Asahikawa	60.62 23	eP	P	17 45 49.8	-1.5			
SNZO	comp=Z,15nm,0.9s								
SNZO	South Karori	61.12 131	eP	P	17 45 55.0	0.0			
KSH	comp=Z,127nm,1.4s								
KSH	Kashi	61.20 327	P	P	17 45 55.4	-0.2			
KSH			pP	pP	17 46 04.8	-0.4			
KSH			sP	sP	17 46 14.8	+6.0			
KSH			PP	PP	17 48 16.8	+6.0			
KSH			S	S	17 54 07.0	-6.5			
KSH			SS	SS	17 58 09.0	-5.3			
KSH			pmx	pmx					
KSH	comp=Z,44nm,1.1s								
KSH	comp=Z,440nm,5.1s								
ZAK	comp=Z,530nm,13.8s								
ZAK	Zakamensk	61.64 352	eP	P	17 45 57.7	-0.6			
KLR	comp=Z,10.0nm,1.5s								
KLR	Kul'dur	61.84 13	P	P	17 45 58.9	-0.7			
KBL	comp=Z,4.2nm,0.8s,baz=218,slow=6.0,SNR=8.4								
KBL	Kabul	61.95 319	eP	P	17 46 00.8	-0.1			
KBL	comp=Z,50nm,1.2s								
KBL	Kabul	61.95 319	eP	P	17 46 00.8	-0.1			
KBL			pmx	pmx					
BKZ	comp=Z,50nm,1.2s								
BKZ	Black Stump Fm	62.09 129	eP	P	17 46 02.7	+1.0			
BFZ	comp=Z,25nm,0.9s								
BFZ	Birch Farm	62.15 130	eP	P	17 46 02.1	+0.1			
PRZ	comp=Z,226nm,1.9s								
PRZ	Przheval'sk	62.18 331	eP	P	17 46 03.2	+0.9			
PRZ	comp=Z,31nm,0.9s								
PRZ	Przheval'sk	62.18 331	eP	P	17 46 03.2	+0.9			
PRZ			pmx	pmx					

PDGK	comp=Z,31nm,0.9s								
PDGK	Podgornoye	62.33 332	P	P	17 46 03.4	+0.2			
NRN	comp=Z,36nm,1.1s								
NRN	Naryn	62.58 329	eP </						

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes objects like BR101, BR131, BR133, etc.

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes objects like DUG, DUG, REDW, BC3, etc.

Table of astronomical objects with columns for name, coordinates, magnitude, and other parameters. Includes objects like CPCT, CPCT, V52A, etc.

MAN 15 17:38:47.3, 12:28:00.22:34E, h0km, mb5.0, ML4.0, MS4.1
IDC 15 17:38:47.3, 12:28:00.22:34E, h0km, mb5.2, 2.7,
mb1.4, 3.7, mb1mx3.9/5.6, mb1mx2.7, MS3/2, Ms1.3, 6/2,
ms1mx3.1/4.1, Error ellipse: s-maj=38.9km s-min=15.2km
az=50.0

ISCJB 15 17:38:48.6, 0.5, 122:80'N, 02:22:28E, 0.03, h12km, 5km,
mb4.17, MS3.5/2, Error ellipse: s-maj=5.2km s-min=3.6km
az=164.3

ISC 15 17:38:49.1, 1.1, 122:77'N, 02:22:33E, 0.03, h14km, 8km,
n38, z=208/54, mb4.27, 4C-4D, Luzon

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

ATH 15 17:41:54.5, 38:33N, 22:10E, h10km, 3km, ML0.72, Error
ellipse: s-maj=3.9km s-min=1.0km az=31.0, Greece

ISCJB 15 17:43:45.3, 1.0, 72:30'N, 02:08:35E, 0.2, h10km, Error

ellipse: s-maj=12.3km s-min=8.7km az=32.8
NAO 15 17:43:46.1,3.8,72.26N;2.91E,ML2.9
BER 15 17:43:47.4,2.4,72.39N;2.70E,ML2.9
ISC 15 17:43:46.9,1.4,72.32N;0.10,3.13E;0.09,h10km,n11,
c#137/16,Norwegian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like JMJC Jan Mayen, TRO Tromsø, STEI Steigen, KIF Kilpisjärvi, SPA0 Spitsbergen Ar, ARA0 ARCES Array S, ARA0 ARCES Array S, ARA0 ARCES Array S, HFS Hagfors, HFS Hagfors.

IDC 15 17:57:15.2,2.6,10.83S;113.64E,h0km,mb3.4/4,
mb1 3.5/4,mb1mx3.3/3,mbtmp3.3/4,Error ellipse:
s-maj=108.0km s-min=23.6km az=49.0, South of Jawa

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

MAN 15 18:02:49.9,12.86N;122.33E,h1km,mb4.1,ML2.9,MS2.7,
ZC,Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like OTRP Odiangan, BOAC Boac, GOP Guinayangan, SJMP San Jose, RCP Roxas.

IDC 15 18:19:53.5,1.0,10.73S;113.88E,h0km,mb3.9/9,
mb1 4.1/10,mb1mx3.9/33,mbtmp4.0/10,ML4.4/1,Error
ellipse: s-maj=39.7km s-min=17.0km az=52.0
NEIC 15 18:19:54.9,0.5,10.80S;113.92E,h10km,mb4.0/6,Error
ellipse: s-maj=14.3km s-min=7.1km az=214.0
DJA 15 18:20:03.1,0.5,11.5S;117.4E,h51km,29km,ML4.1/2,
ML4.8/1,MLV4.2/12

ISC 15 18:19:52.8,1.8,10.80S;113.82E;0.04,h4km,n11km,
#42,221/55,mb4.0/14, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like JAGI Jajag, Banyuwa, IGBI Jajag, Banyuwa, IGBI Denpasar, GMJI Gumukmas, SRBI Singaraja, BLJI Banyuglugur, PWJI Pagerwojo, TWSI Taliwang, UGM Wanagama, UGM Plampang, CISI Cisompet, MMRI Maumere, BATI Baumata, SOEI Soe, MBWA Marble Bar, FITZ Fitzroy Crossi, MTN Mantan Dam, WR1 Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, WB2 Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, AS31 Alice Springs, AS01 Alice Springs, FORT Forrest, STKA Stephens Creek, STKA Stephens Creek, USRK Ussuriysk Ar, SONAO Songoing Array, SONM Songoing Array, SONA1 Songoing Array, OKX2 Oxford, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Array, VNA Vanda, ABKAR Akbulak array, BR101 Keskin Array S, BRTR Keskin Array B.

0.5nm,0.7s,baz=138,slow=5.4,SNR=3.7

ISCJB 15 18:25:50.9,0.25,0N;0.1;100.06E;0.07,h10km,
mb3.6/5,MS3.4/1,Error ellipse: s-maj=18.5km
s-min=7.8km az=13.7
IDC 15 18:25:51.7,1.1,25.10N;100.17E,h0km,mb3.6/5,
mb1 3.8/5,mb1mx3.4/49,mbtmp3.6/5,MS3.5/1,Ms1 3.5/1,
ms1mx2.8/35,Error ellipse: s-maj=44.8km s-min=16.7km
az=78.0
BUJ 15 18:25:52.5,25.09N;99.99E,h10km,ML3.7/6,Ms3.6/1,
Ms7.3/1
ISC 15 18:25:53.2,3.1,25.11N;100.2;100.04E;0.08,h10km,n10,
#092/11,mb3.7/5,Yunnan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like KMI Kunming, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, GTA Gotai, WMI Urumi, SONM Songoing Array, MKAR Makanchi Array, JUNU Naksuteu, ZALV Zalesovo Beam, WRA Warramunga Arr, ASAR Alice Springs.

MEX 15 18:28:06.6,0.3,27.09N;100.43W,h4km,14km,MD3.6,
Northern Mexico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes station LNIAG Linares.

IDC 15 18:37:11.5,2.5,10.91S;113.46E,h0km,mb3.5/4,
mb1 3.6/4,mb1mx3.4/43,mbtmp3.5/4,Error ellipse:
s-maj=101.4km s-min=22.2km az=49.0
ISCJB 15 18:37:14.4,1.0,10.86S;113.62E;0.07,h25km,
mb3.5/4,Error ellipse: s-maj=10.5km s-min=7.8km
az=161.9
DJA 15 18:37:27.6,1.1,10.5S;117.4E,h149km,28km,MS3.7/7,
MLV3.7/7

ISC 15 18:37:14.8,1.2,10.96S;113.66E;0.08,h25km,n13,
#189/17,mb3.6/4, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like JAGI Jajag, Banyuwa, IGBI Denpasar, GMJI Gumukmas, DNP Denpasar, BLJI Banyuglugur, SRBI Singaraja, PWJI Pagerwojo, TWSI Taliwang, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, MKAR Makanchi Array.

IDC 15 18:41:58.0,2.7,11.08S;113.61E,h0km,mb3.2/3,
mb1 3.5/4,mb1mx3.3/37,mbtmp3.3/4,ML3.0/1,Error
ellipse: s-maj=131.4km s-min=23.9km az=45.0, South
of Jawa

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

IDC 15 19:02:14.2,2.2,1.44N;126.36E,h0km,mb3.4/3,
mb1 3.6/3,mb1mx3.3/36,mbtmp3.3/7,ML3.5/2,MS3.7/1,
Ms1 3.7/1,ms1mx2.7/37,Error ellipse: s-maj=180.2km
s-min=27.3km az=65.0, Northern
Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, DJA 15 19:09:49.6,0.7,10.5S;117.4E,h144km,32km,ML4.0/12,MLV4.0/12, South of Jawa, JAGI Jajag, Banyuwa, IGBI Denpasar, GMJI Gumukmas, DNP Denpasar, BLJI Banyuglugur, PWJI Pagerwojo, PWJI Pacitan, PCJI Pacitan, TWSI Taliwang, WWOI Wonorejo, WOJI Wanagama, UGM Plampang.

IDC 15 19:15:26.1,1.6,10.91S;113.76E,h0km,mb3.6/5,
mb1 3.9/7,mb1mx3.7/33,mbtmp3.8/7,ML3.5/2,MS3.7/1,
Ms1 3.7/1,ms1mx2.7/37,Error ellipse: s-maj=66.6km
s-min=18.7km az=45.0
ISCJB 15 19:15:29.8,0.8,10.89S;113.98E;0.07,h33km,
mb3.7/5,MS3.7/1,Error ellipse: s-maj=9.3km s-min=7.8km

az=164.7
DJA 15 19:15:31.7,1.1,11.5S;117.4E,h24km,19km,ML4.0/13,
MLV4.0/13

ISC 15 19:15:31.2,1.1,10.89S;113.98E;0.09,h35km,n17,
#156/20,mb3.7/5, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like IGBI Denpasar, JAGI Jajag, Banyuwa, DNP Denpasar, GMJI Gumukmas, SRBI Singaraja, BLJI Banyuglugur, TWSI Taliwang, Sumb, BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, STKA Stephens Creek, RPZ Rata Peaks, MKAR Makanchi Array.

IDC 15 19:32:19.6,2.0,10.59S;114.04E,h0km,mb3.6/7,
mb1 3.7/9,mb1mx3.6/39,mbtmp3.6/9,ML3.2/2,MS3.3/1,
Ms1 3.6/1,ms1mx2.6/32,Error ellipse: s-maj=70.8km
s-min=18.1km az=45.0
ISCJB 15 19:32:20.4,1.0,10.97S;113.96E;0.07,h33km,
mb3.6/7,MS3.7/1,Error ellipse: s-maj=13.8km
s-min=9.7km az=20.9
DJA 15 19:32:24.3,2.1,11.5S;117.4E,h32km,46km,ML4.2/9,
MLV4.2/9

ISC 15 19:32:23.7,1.1,10.85S;114.00E;0.09,h35km,n16,
#160/18,mb3.8/7, South of Bali

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like JAGI Jajag, Banyuwa, DNP Denpasar, GMJI Gumukmas, SRBI Singaraja, BLJI Banyuglugur, TWSI Taliwang, Sumb, BATI Baumata, BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, USRK Ussuriysk Ar, SONM Songoing Array, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 15 19:34:07.5,1.7,9.87S;154.38E,h0km,mb3.7/7,
mb1 3.9/7,mb1mx3.7/32,mbtmp3.7/7,MS3.5/1,Ms1 3.5/1,
ms1mx2.6/35,Error ellipse: s-maj=52.8km
s-min=23.3km az=115.0, D'Entrecasteaux Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, URZ Urewera, CMAR Chiang Mai Arr, SONM Songoing Array, MKAR Makanchi Array, ILAR Eielson Array.

IDC 15 19:47:56.0,2.3,17.12S;174.92W,h203km,24km,mb3.4/7,
mb1 3.7/8,mb1mx3.3/44,mbtmp3.4/8,Error ellipse:
s-maj=35.2km s-min=14.2km az=139.0
ISCJB 15 19:48:00.2,0.9,17.2S;174.92W;0.2,h25km,mb3.5/7,
Error ellipse: s-maj=38.6km s-min=17.6km az=44.2
ISC 15 19:48:01.3,1.1,17.2S;174.92W;0.3,h25km,n8,
#061/7,mb3.5/7, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like AFI Afiamalau, AFI Afiamalau, URZ Urewera, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, NVAR Niua Array Baa, ILAR Eielson Array, PDAR Pineda Array.

IDC 15 20:04:24.5,2.1,10.61S;113.96E,h0km,mb3.3/4,
mb1 3.6/6,mb1mx3.4/31,mbtmp3.5/6,ML3.1/2,Error
ellipse: s-maj=75.3km s-min=20.9km az=45.0
ISCJB 15 20:04:27.9,1.2,10.5S;114.2E;0.1,h33km,mb3.3/4,
Error ellipse: s-maj=25.1km s-min=12.7km az=19.9
ISC 15 20:04:29.4,1.4,10.7S;114.2E;0.1,h35km,n6,
#113/7,mb3.4/4, South of Bali

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like BATI Baumata, BATI Baumata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H10S2 ASCENSION HYDR05, H10S1 ASCENSION HYDR05, H10N3 ASCENSION HYDR05, etc.

NEIC 15 23:02:55.6:0.0, 18.63N:102.10W, h8km, MD4.0 (MEX), After MEX.

MEX 15 23:02:55.6:0.0, 18.63N:102.10W, h8km, MD4.0, Michoacan

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

ISCJB 15 23:12:11.2:0.0, 30.02N:0.07:92.09E:0.07, h10km, mb3.77, MSC2.3, Error ellipse: s-maj=10.4km

NEIC 15 23:12:12.8:0.0, 30.03N:92.00E, h10km, mb4.0/1, Error ellipse: s-maj=8.6km s-min=7.7km az=60.0

IDC 15 23:12:17.6:3.6, 30.17N:92.32E, h38km, 3.4km, mb3.5/8, mb1 3.7/10, mb1mx3.5/42, mbtmp3.7/10, M4.0/2, MSC1.4/1, Ms1 3.1/4, ms1mx2.7/28, Error ellipse: s-maj=31.2km s-min=15.1km az=63.0

ISC 15 23:12:12.9:0.0, 30.01N:0.06:92.01E:0.07, h10km, n17, r1511/16, mb3.77, MSC2.3, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LSA Lhasa, LSA Lhasa, SHL Shillong, SHL Shillong, BRDH Baridadhala, etc.

ISCJB 15 23:18:41.3:0.0, 0.97N:0.08:100.00E:0.07, h200km, mb3.5/7, Error ellipse: s-maj=10.9km s-min=10.2km az=16.2

IDC 15 23:18:41.9:1.4, 0.97N:100.10E, h186km, 9km, mb3.4/7, mb1 3.5/8, mb1mx3.2/38, mbtmp3.9/8, Error ellipse: s-maj=67.2km s-min=13.7km az=49.0

DJA 15 23:18:44.7:1.0, 1.75N:5.10E, h167km, 6km, M3.2/6, MLV3.2/6

ISC 15 23:18:42.6:0.0, 0.98N:0.09:100.00E:0.1, h200km, n12, r154/16, mb3.77, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MNSI Mandailing Nat, MNSI Mandailing Nat, PBSI Pulau Batu, etc.

ISCJB 15 23:41:23.6:0.2, 16.69S:0.04:69.11W:0.04, h200km, mb4.2/69, Error ellipse: s-maj=6.1km s-min=4.5km az=149.3

NEIC 15 23:41:24.5:0.3, 16.73S:69.15W, h193km, 3km, mb4.3/57, Error ellipse: s-maj=5.5km s-min=4.2km az=70.0

IDC 15 23:41:26.3:0.7, 16.70S:69.07W, h122km, 4km, mb3.8/14, mb1 3.9/17, mb1mx3.8/32, mbtmp4.4/17, Error ellipse: s-maj=14.7km s-min=10.3km az=24.0

Main 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, LPAZ La Paz, MNMC Minye Minye, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MCMT McKenzie Canyon, PAHR Pak Ranch Range, MFID Gamma Ranch, etc.

NEIC 15 23:44:51.1:0.0, 9.55S:27.65W, h15km, 5km, mb4.8/14, Error ellipse: s-maj=14.4km s-min=8.5km az=58.0

BUI 15 23:44:51.5:55.90S:27.70W, h12km, Ms4.9/2, Ms7 4.6/2

ISCJB 15 23:44:51.0:0.0, 56.03S:0.07:28.00W:0.2, h112km, mb4.7/2, Error ellipse: s-maj=16.0km s-min=7.2km az=146.7

IDC 15 23:45:04.2:5.0, 55.94S:27.60W, h122km, 4.3km, mb4.3/9, mb1 4.4/11, mb1mx4.1/24, mbtmp4.7/11, Error ellipse: s-maj=26.3km s-min=14.6km az=61.0

ISC 15 23:45:03.0:0.0, 56.04S:0.09:28.13W:0.10, h112km, n70, r1928/71, mb4.8/20, 1C-1D, South Sandwich Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HOPE Hope Point, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Fenwick Farm, Sevierville, Rosebud, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Trail Mountain, Jewell Farm, Seneca, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Topopah Spring, Houston, Manual Prospec, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NORARS Array B, Damuels, Reutte, etc.

ISCJB 16:00:46:19.9:0.4:41.14N:0.03:19.74E:0.04, h10km, Error ellipse: s-maj=4.8km s-min=3.0km az=44.2

BE0 16:00:46:19.9:1.0:41.07N:19.76E, h10km, zkm THE 16:00:46:20.6:4.1:13N:19.86E, h1km, zkm, ML2.4/5, Error ellipse: s-maj=2.1km s-min=1.0km az=59.0

ISC 16:00:46:19.3:0.8:41.11N:0.03:19.75E:0.03, h10km, n38, 19/14/51, Albania

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters. Includes stations like Drme, Krusevo, Bitola, etc.

MAN 16:00:51:58.0, 13.66N:121.04E, h2km, mb3.9, ML2.7, MS2.3, 1D, Mindoro

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters. Includes stations like Puerto Galera, Boac, San Jose, etc.

ISCJB 16:00:56:43.3:1.2:8.2S:0.119:0E:0.1, h156km, mb3.2/3, Error ellipse: s-maj=31.8km s-min=12.5km az=31.8

IDC 16:00:56:45.2:7.8:36S:118.96E, h156km, mb3.0/3, s-maj 3.2/6, mb1mx3.0/3, mbtmp 3.6/6, Error ellipse: s-maj=45.2km s-min=16.0km az=45.0

ISC 16:00:56:45.4:1.4:8.3S:0.2:119:0E:0.1, h156km, n6, 09/90/8, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters. Includes stations like Baumenta, Fitzroy Cross, Warramunga Arr, etc.

ISCJB 16:01:38:01.7:0.2:10.82S:0.05:165.81E:0.04, h61km, mb4.8/5.8, Error ellipse: s-maj=7.9km s-min=5.0km az=151.8

IJI 16:01:38:05.5:10.82S:166.10E, h102km, mb4.8/21, mb5.1/5.0

BUJ 16:01:38:05.4:2.8:10.85S:165.91E, h85km, mb4.4/20, mb1 4.5/23, mb1mx3.4/8, mbtmp 4.7/23, MS3.5/0, Ms1 3.5/10, ms1mx3.3/6, Error ellipse: s-maj=16.5km s-min=14.6km az=107.0

MOS 16:01:38:06.0:0.8:10.75S:165.70E, h99km, mb4.8/16, Error ellipse: s-maj=12.2km s-min=9.1km az=151.4

NEIC 16:01:38:06.9:0.9:10.82S:165.79E, h96km, mb4.6/60, Error ellipse: s-maj=6.3km s-min=4.5km az=149.0

ISC 16:01:38:02.5:0.4:10.84S:0.06:165.98E:0.06, h61km, n199, 19/25/202, mb4.7/86, 4D-10, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters. Includes station HNR Honiara.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THAS Thassos island, ALN Alexandroupoli, ALN comp=E,104µm,0.6s, ALN comp=N,181µm,0.7s, ALN Alexandroupoli, BALLY Balya, BALLY Balya, BLBCB Balcova, KRKBG Karabiga-Canak, AOS Alonnissos, AOS Alonnissos, STEP BALIKESIR_Sava, KNL Bal-Kesir, KNL Bal-Kesir, GONE Gonen-Balikesi, OUR Ouranopolis, OUR Ouranopolis, OUR Ouranopolis, BALB Balikesir, RDO Rodhopi, RDO Rodhopi, RDO Rodhopi, EDIC Edinick, EDIC Edinick, SMG Samos, SMG Samos, GCAM G?zelcam?!, KCTC Karacabey (Bur), AYD Zeyirli-Kay Aydi, KULA Kula-Manisa, BODT Bodrum, TVSB Tavsanlı

IDC 16 01:43:07.8.2.1, 11:04Sx113:55E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/43, mbtmp3.7/5, ML2.8/1, Error ellipse: s-maj=102.6km s-min=23.1km az=46.0, ISCJB 16 01:43:09.0.0.8, 11:00Sx108:113:84E, 0.09, h10km, mb3.6/4, Error ellipse: s-maj=15.2km s-min=7.7km az=138.9, DJA 16 01:43:18.9.0.9, 10:51'Sx11:4E', h92km, 53km, M3.9/12, MLV3.9/12, ISC 16 01:43:09.7.0.9, 10:81Sx10:08E, 113:89E, 0.06, h10km, n18, az=249/21, mb3.7/4, South of Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGBI Denpasar, JAGI Jajag, Banyuwya, DNP Denpasar, GMJI Gumukmas, SRBI Singaraja, BLJI Banyuwugur, PWJI Pagerwojo, PCJI Pacitan, PCJI Pacitan, WOJI Wonogiri, WOJI Wonogiri, UGM Wanagama, UGM Wanagama, WBSI Waikabubak, Su, WBSI Waikabubak, KPJI Karang Pucung, BATI Bautama, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Waramunga Arr, WRA Waramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, KURBB Kurchatov Arr, KURBB Kurchatov Arr

ISCJB 16 01:43:21.0.0.7, 20:52N, 0:08:145:0E, 0.2, h129km, mb3.8/14, Error ellipse: s-maj=22.6km s-min=11.7km az=177.3, IDC 16 01:43:27.3.5.6, 20:58N, 144:80E, h170km, 52km, mb3.6/14, mb1 3.8/15, mb1mx3.6/47, mbtmp4.1/15, Error ellipse: s-maj=21.0km s-min=11.9km az=88.0, ISC 16 01:43:22.7.0.8, 20:6N, 0:11:144:9E, 0.2, h129km, n18, az=150/20, mb4.0/14, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, MJAR Matsushiro, MAT Matsushiro, KSRS Korea Array, SONM Songoing Array, WRA Waramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, ILAR Elnion Array, INK Inuvik, GEYT Alibeck, YKA Yellowknife Arr, ARCES ARCES Array B, NVAR Mima Array Bea, FINES FINES Array B, TORD Torodi Arr, LPAZ La Paz

MAN 16 01:52:53.8, 12:69N, 125:68E, h77km, mb4.3, ML3.1, MS2.9, 1C-1D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNP Catarman, CNP Borongan, BESE Borongan, PLP Palo, PVP Virac, RCP Roxas

IDC 16 01:55:57.3.2.1, 42:03N, 71:90E, h0km, mb1 3.3/6, mb1mx3.2/39, mbtmp3.3/6, ML3.0/6, Error ellipse: s-maj=22.6km s-min=14.6km az=177.0, KRNET 16 01:55:59.2.0.1, 42:06N, 72:16E, h16km, mb3.7, SOME 16 01:55:59.6, 42:07N, 72:15E, h20km, NNC 16 01:55:59.9.0.7, 42:09N, 72:07E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=6.0km s-min=3.5km az=147.0, KNET 16 01:56:02.2.1.0, 42:12N, 72:35E, h6km, 5km, ml3.5, Error ellipse: s-maj=7.0km s-min=4.7km az=165.0, ISC 16 01:55:59.5.1.0, 42:08N, 0:02:72:05E, 0.02, h8km, 8km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like n65, az=31/118, 39C-41D, Kyrgyzstan, ARK Arkit, ARK Arkit, MNAS Manas, MNAS Manas, MNAS Manas, ARSB Arslanbob, ARSB Arslanbob, MRKS Merke, MRKS Merke, MRKS Merke, AML Almaty, AML Almaty, AML Almaty, EKS2 Erkin-Say, EKS2 Erkin-Say, EKS2 Erkin-Say, IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, KK31 Karatay Array, KK31 Karatay Array, ARLS Aral, ARLS Aral, UCH Uch, UCH Uch, UCH Uch, BRLS Borolday, BRLS Borolday, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, FRU1 Bishkek, FRU1 Bishkek, USP Oshpenovka, USP Oshpenovka, USP Oshpenovka, CHMS Chumysh, CHMS Chumysh, CHMS Chumysh, TAS Tashkent, TAS Tashkent, TAS Tashkent, KBK Karagaybulak, KBK Karagaybulak, KBK Karagaybulak, BTK Batken, BTK Batken, SFK Suifi-Kurgan, SFK Suifi-Kurgan, SFK Suifi-Kurgan, KZA Kyzart, KZA Kyzart, KZA Kyzart, DRK Karakoram, DRK Karakoram, TKM2 Tokmak 2, TKM2 Tokmak 2, BOOM Boomsokoye usch, BOOM Boomsokoye usch, DGS Degeres, DGS Degeres, NRN Naryn, NRN Naryn, NRN Kasteek, NRN Kasteek, KST Krasnodar, KST Krasnodar, ULHL Ulhal, ULHL Ulhal, ULHL Ulhal, MTBS Maitube, MTBS Maitube, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUU Kurty, KUU Kurty, TNSS Tian-Shan, TNSS Tian-Shan, AAA Alma-Ata, AAA Alma-Ata, KTBS Karabake, KTBS Karabake, KNDC Khatanga, KNDC Khatanga, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, KOTS Kotrybulak, KOTS Kotrybulak, CHKK Chushkaly, CHKK Chushkaly, ARXS Arharly, ARXS Arharly, SATY Saty, SATY Saty, KPKS Kokpek, KPKS Kokpek, UZB Uzbekbulak, UZB Uzbekbulak, PDGK Podgomoye, PDGK Podgomoye, PDGK Podgomoye, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KURBB Kurchatov Arr, KURBB Kurchatov Arr, BVAR Borovoye Array, BVAR Borovoye Array, BVAR Borovoye Array, GEYT Alibeck, GEYT Alibeck, AKTO Aktyubinsk, AKTO Aktyubinsk, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam

NEIC 16 02:04:18.0.0.0, 17:35N, 100:77W, h20km, MD4.0 (MEX), After MEX, MEX 16 02:04:18.0.0.6, 17:35N, 100:77W, h20km, 14km, MD4.0, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAIG El Cayaco, CAIG El Cayaco, CAIG El Cayaco, ZIIG Zihuatajejo, ZIIG Zihuatajejo, ZIIG Zihuatajejo, ACP2 Acapulco, ACP2 Acapulco, ARIG Puente Sto Nin, ARIG Puente Sto Nin, ARIG Puente Sto Nin, MEIG Mezcala, MEIG Mezcala, PLIG Platanillo, PLIG Platanillo, TLIG Tlapa, TLIG Tlapa, YAIG Yautepec, YAIG Yautepec, YAIG Yautepec

IDC 16 02:11:59.3.0.7, 72:35N, 2:44E, h0km, mb3.6/11, mb1 3.8/17, mb1mx3.7/46, mbtmp3.7/17, ML3.1/6, MS3.4/14, MS1 3.4/14, ms1mx3.1/48, Error ellipse: s-maj=19.0km s-min=13.5km az=56.0, BEA 16 02:12:01.5.2.0, 72:39N, 2:43E, h10km, ML2.2, NAO 16 02:12:01.7.10.0, 72:22N, 2:70E, h15km, 17km, ML3.1, ISC 16 02:12:01.2.0.7, 72:38N, 0:06:3:12E, 0.07, h10km, n52, az=204/54, mb3.6/19, MS3.3/11, Norwegian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LOF Lofoten, LOF Lofoten, TRO Tromso, TRO Tromso, STEI Steigen, STEI Steigen, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPITS Spitsbergen Ar, SPITS Spitsbergen Ar, SPITS Spitsbergen Ar

355A	Pearson	21.26	6	P	P	05 55 54.2 +0.9
TIGA	Tifton	21.28	5	eP	P	05 55 54.5 +0.9
TIGA	comp=Z,105nm,0.8s	21.28	5	P	P	05 55 54.5 +0.9
348A	Jackson	21.29	354	eP	P	05 55 56.3 +2.6
348A	comp=Z,120nm,0.8s	21.29	354	P	P	05 55 55.0 +1.3
356A	Blackshear	21.33	8	P	P	05 55 54.3 +0.2
347A	Saraland	21.35	353	P	P	05 55 55.5 +1.2
442A	Mamou	21.46	344	P	P	05 55 56.0 +0.5
346A	Big Creek Wild	21.46	351	eP	P	05 55 57.3 +1.8
346A	comp=Z,130nm,0.9s	21.46	351	P	P	05 55 57.3 +1.8
345A	Thompson Farm	21.48	349	P	P	05 55 56.7 +1.5
CDVI	St. Croix	21.53	67	eP	P	05 55 57.8 +1.4
STVI	Saint Thomas	21.55	65	eP	P	05 55 56.3 -0.3
441A	DeRidder	21.71	342	P	P	05 55 59.1 +1.6
250A	Grady	21.75	358	P	P	05 55 59.5 +0.9
344A	Westbrook Farm	21.75	348	eP	P	05 55 59.8 +1.1
344A	comp=Z,457nm,1.3s	21.75	348	P	P	05 55 59.8 +1.1
252A	Lumpkin	21.77	2	P	P	05 55 59.7 +0.8
249A	Camden	21.79	356	P	P	05 55 60.0 +0.9
343A	Vidalia	21.79	346	P	P	05 56 00.0 +1.0
254A	Abbeville	21.81	5	P	P	05 55 59.9 +0.6
251A	Midway	21.86	0	P	P	05 56 00.8 +0.9
253A	Americus	21.86	3	P	P	05 56 00.8 +0.9
253A	comp=Z,172nm,1.1s	21.86	3	P	P	05 56 00.5 +0.7
255A	Hazlehurst	21.88	7	P	P	05 56 00.6 +0.6
255A	comp=Z,100nm,0.9s	21.88	7	P	P	05 56 00.6 +0.6
HKT	Hockley	21.93	335	eP	P	05 56 00.6 +0.1
248A	Dixon Mills	21.95	355	P	P	05 56 01.6 +0.8
247A	Outland	22.00	353	P	P	05 56 02.2 +0.9
256A	Glennville	22.00	8	P	P	05 56 02.0 +0.7
246A	Jackson Lee, B	22.03	352	P	P	05 56 02.7 +1.1
342A	Flagon Creek P	22.05	344	eP	P	05 56 04.2 +2.3
342A	comp=Z,104nm,0.9s	22.05	344	P	P	05 56 03.3 +1.4
257A	Skidaway Islan	22.14	10	P	P	05 56 03.9 +1.1
245A	Little AP, Sta	22.16	3	P	P	05 56 03.7 +0.6
ABVI	Anegada Island	22.23	65	eP	P	05 56 02.4 -1.5
341A	Kurthwood	22.25	343	eP	P	05 56 04.0 0.0
341A	comp=Z,194nm,1.2s	22.25	343	P	P	05 56 04.5 +0.4
833A	Chaparral WMA,	22.29	326	eP	P	05 56 03.8 -0.7
833A	comp=Z,132nm,0.8s	22.29	326	P	P	05 56 04.8 +0.4
151A	Opelika	22.29	0	P	P	05 56 05.2 +0.8
244A	Avery, Jackson	22.32	348	P	P	05 56 05.0 +0.2
243A	Waterproof	22.33	347	P	P	05 56 06.0 +1.1
150A	Eclectic	22.37	359	P	P	05 56 06.3 +1.0
149A	Jones	22.39	357	P	P	05 56 06.3 +0.8
152A	Waverly Hall	22.42	2	eP	P	05 56 05.9 -0.2
152A	comp=Z,194nm,0.8s	22.42	2	eP	P	06 00 09.9 +0.8
VBMS	Vicksburg	22.46	349	eP	P	05 56 07.1 +0.9
VBMS	comp=Z,190nm,1.0s	22.46	349	P	P	05 56 06.8 +0.6
153A	Fort Valley	22.47	4	P	P	05 56 06.8 +0.5
148A	Greensboro	22.48	356	P	P	05 56 07.2 +0.6
154A	Montrose	22.49	5	eP	P	05 56 06.9 +0.4
154A	comp=Z,353nm,1.1s	22.49	5	P	P	05 56 07.0 +0.4
155A	Kite	22.56	7	P	P	05 56 07.6 +0.2
147A	Livingston	22.57	354	eP	P	05 56 08.2 +0.7
147A	comp=Z,148nm,0.8s	22.57	354	P	P	05 56 08.0 +0.5
146A	Union	22.63	352	eP	P	05 56 08.9 +0.8
146A	comp=Z,258nm,1.1s	22.63	352	P	P	05 56 08.4 +0.3
242A	Grayson	22.66	345	P	P	05 56 09.1 +0.7
156A	Sylvania	22.73	9	P	P	05 56 09.5 +0.5
145A	Houston Renfro	22.73	350	P	P	05 56 09.5 +0.4
241A	Mo Tay, Golden	22.83	344	eP	P	05 56 09.8 -0.4
241A	comp=Z,11nm,0.9s	22.83	344	P	P	05 56 10.4 +0.3
LRAL	Lakeview Retre	22.83	357	eP	P	05 56 11.0 +0.8
LRAL	comp=Z,103nm,0.8s	22.83	357	P	P	05 56 10.9 +0.7
144A	Alexander Plac	22.84	349	P	P	05 56 10.5 +0.2
249A	Columbiana	22.97	358	P	P	05 56 12.4 +0.8
252A	Williamson	22.97	2	P	P	05 56 11.9 +0.3
250A	Ashland	23.02	359	eP	P	05 56 12.0 -0.1
250A	comp=Z,135nm,0.8s	23.02	359	P	P	05 56 12.6 +0.5
247A	Carrollton	23.07	355	P	P	05 56 13.1 +0.4
251A	Franklin	23.08	1	P	P	05 56 13.1 +0.3
240A	Hunter Patters	23.09	342	eP	P	05 56 12.9 +0.1
240A	comp=Z,81nm,0.9s	23.09	342	P	P	05 56 13.3 +0.3
143A	Soes Landing,	23.11	347	eP	P	05 56 13.2 +0.2
143A	comp=Z,32nm,0.9s	23.11	347	P	P	05 56 13.1 +0.1
253A	Monticello	23.11	4	P	P	05 56 12.8 -0.3
NATX	Nacogdoches	23.12	340	P	P	05 56 13.0 -0.1
NATX	comp=Z,110nm,0.8s	23.12	340	P	P	05 56 13.3 0.0
254A	Sparta	23.13	6	P	P	05 56 13.3 0.0
246A	Louisville	23.16	353	P	P	05 56 14.5 +0.9
255A	Blythe	23.19	7	P	P	05 56 14.0 +0.1
RRGR	Roger Stewart	23.20	11	eP	P	05 56 14.8 +0.9

248A	Northport	23.21	356	P	P	05 56 14.3 +0.3
GOGA	Godfrey	23.25	4	eP	P	05 56 14.7 +0.3
GOGA	comp=Z,82nm,0.9s	23.25	4	P	P	05 56 14.9 +0.5
141A	Papa Simpson,	23.37	344	P	P	05 56 16.1 +0.4
NHSC	New Hope	23.40	11	eP	P	05 56 16.6 +0.8
NHSC	comp=Z,121nm,1.0s	23.40	11	P	P	05 56 16.7 +0.8
435B	Jarrell	23.40	333	eP	P	05 56 15.3 -0.7
435B	comp=Z,185nm,0.8s	23.40	333	P	P	05 56 15.5 -0.5
Z45A	Winona	23.44	351	eP	P	05 56 16.6 +0.3
Z45A	comp=Z,286nm,0.6s	23.44	351	P	P	05 56 16.9 +0.5
Z44A	Pea Ridge, Bel	23.47	350	P	P	05 56 16.6 -0.1
Z43A	Armstrong Fami	23.56	348	P	P	05 56 17.1 -0.4
140A	Cam and Jess,	23.59	343	eP	P	05 56 18.1 +0.2
140A	comp=Z,52nm,0.8s	23.59	343	P	P	05 56 17.5 -0.3
Y49A	Blount Mountai	23.63	358	eP	P	05 56 18.1 -0.1
Y49A	comp=Z,50nm,0.7s	23.63	358	P	P	05 56 18.1 -0.1
Y50A	Piedmont	23.65	360	P	P	05 56 18.5 +0.2
Y51A	Rooman	23.66	1	P	P	05 56 18.7 +0.2
Y52A	Libburn	23.66	3	eP	P	05 56 18.8 +0.3
Y52A	comp=Z,109nm,0.8s	23.66	3	eP	P	06 00 03.5 +0.8
Y52A	Libburn	23.66	3	P	P	05 55 18.8 +0.3
Y53A	Monroe	23.68	4	P	P	05 56 18.8 +0.1
Y48A	Jasper	23.72	357	P	P	05 56 18.7 -0.3
Y47A	UCPARC, Winfie	23.75	355	P	P	05 56 20.1 +0.8
Y47A	comp=Z,174nm,1.2s	23.75	355	P	P	05 56 19.5 0.0
Y46A	Houston	23.84	353	P	P	05 56 19.6 -0.5
Y45A	Yeager Farm, C	23.91	352	P	P	05 56 20.6 -0.1
Z41A	Richland Creek	23.97	345	eP	P	05 56 20.8 -0.6
Z41A	comp=Z,94nm,0.8s	23.97	345	P	P	05 56 20.5 -0.9
Y44A	Long Farm, Mag	24.12	344	P	P	05 56 22.4 -0.4
HODGE	Hodges	24.18	7	eP	P	05 56 24.5 +1.2
Y43A	Makayla and Ka	24.18	349	P	P	05 56 23.6 +0.2
JCT	Junction City	24.21	329	eP	P	05 56 23.1 -0.7
JCT	comp=Z,65nm,0.8s	24.21	329	P	P	05 56 22.9 -0.8
X50B	Fort Payne	24.22	360	P	P	05 56 23.2 -0.5
X48A	Hartselle	24.25	357	P	P	05 56 23.4 -0.5
X48A	comp=Z,82nm,1.2s	24.25	357	P	P	05 56 23.3 -0.6
X49A	Woodville	24.28	358	P	P	05 56 24.1 -0.2
Y42A	Garnett, Star	24.28	347	P	P	05 56 23.1 -1.1
X51A	Calhoun	24.33	1	eP	P	05 56 24.9 +0.2
X51A	comp=Z,87nm,0.7s	24.33	1	eP	P	06 00 05.0 +1.0
X53A	Estolove	24.35	5	P	P	05 56 24.4 -0.3
CCAR	Cane Creek	24.35	347	eP	P	05 56 24.8 -0.2
JSC	Jenkinsville	24.36	9	eP	P	05 56 25.3 +0.3
X47A	Russellville	24.37	355	P	P	05 56 24.3 -0.8
WHTX	Lake Whitney,	24.39	335	eP	P	05 56 24.7 -0.6
WHTX	comp=Z,105nm,0.7s	24.39	335	P	P	05 56 24.2 -1.1
X52A	Dahlonega	24.41	3	P	P	05 56 25.4 -0.1
X45A	UM Field Stati	24.43	352	P	P	05 56 24.5 -1.2
X46A	Booneville	24.47	354	P	P	05 56 25.2 -0.8
Y41A	Eagle Beard	24.51	346	P	P	05 56 26.1 -0.3
OXF	Oxford	24.52	352	eP	P	05 56 25.6 -0.9
OXF	comp=Z,191nm,1.0s	24.52	352	P	P	05 56 25.1 -1.3
X44A	Crenshaw	24.62	351	P	P	05 56 26.5 -0.8
X43A	Marvell	24.76	349	eP	P	05 56 28.2 -0.4
X43A	comp=Z,107nm,1.1s	24.76	349	P	P	05 56 28.2 -0.8
PAULI	Pauline	24.81	7	eP	P	05 56 30.6 +1.5
PLAL	Pickwick Lake	24.84	355	eP	P	05 56 28.6 -0.8
PLAL	comp=Z,70nm,1.0s	24.84	355	eP	P	06 00 05.4 +0.2
BG3	Lake Jocassee	24.86	5	eP	P	05 56 30.1 +0.5
BG3	comp=Z,138nm,0.9s	24.86	5	eP	P	06 00 05.5 +1.2
W49A	Belvidere	24.88	359	eP	P	05 56 29.2 -0.6
W52A	Murphy	24.89	3	eP	P	05 56 30.1 +0.3
W52A	comp=Z,178nm,1.4s	24.89	3	P	P	05 56 29.9 0.0
W48A	Pulaski	24.93	357	P	P	05 56 29.8 -0.3
W51A	Cleveland	24.93	2	P	P	05 56 30.2 +0.1
X42A	Stuttard	24.94	348	P	P	05 56 29.2 -1.0
W50A	Signal Mountai	24.96	0	eP	P	05 56 30.4 0.0
W50A	comp=Z,102nm,0.9s	24.96	0	P	P	05 56 29.6 -0.8
SWET	Sewanee	24.97	359	eP	P	05 56 30.5 -0.1
W53A	Cullowhee	25.02	5	P	P	05

WMOK	Wichita Mounta	27.32	336	P	P	05 56 49.9	-1.8
BLA	Blackburg	27.36	9	eP	P	05 56 52.7	+0.6
BLA	Blackburg	27.36	9	P	P	05 56 52.0	-0.1
S47A	Hartford	27.37	358	P	P	05 56 50.7	-1.5
T41A	Mountain View	27.38	349	P	P	05 56 51.1	-1.2
S48A	Wedeater Farm,	27.41	359	P	P	05 56 51.5	-1.0
S51A	Beattyville	27.45	3	eP	P	05 56 52.5	-0.4
S51A	Beattyville	27.45	3	P	P	05 56 52.4	-0.4
S50A	Richmond	27.45	2	P	P	05 56 52.4	-0.5
S46A	Don Dixon Farm	27.50	356	P	P	05 56 52.0	-1.4
S52A	Salyserville	27.52	4	P	P	05 56 53.0	-0.6
S49A	Springfield	27.54	0	P	P	05 56 52.7	-1.0
S45A	Carrier Mills	27.56	355	P	P	05 56 52.4	-1.5
T43A	Fulton Ridge,	27.62	352	P	P	05 56 52.9	-1.6
S40A	Mansfield	27.63	348	P	P	05 56 53.5	-1.1
S44A	Carbondale	27.64	354	P	P	05 56 53.6	-1.0
PTGA	Pitinga	27.65	112	P	P	05 56 56.7	+1.7
PTGA	comp=Z,1.8nm,0.3s,baz=319,slow=19,SNR=4.8			PcP	PcP	06 00 12.9	+0.8
PTGA	comp=Z,1.9nm,0.9s	27.65	112	eP	P	05 56 56.9	+2.0
PTGA	comp=Z,1.9nm,0.9s			PcP	PcP	06 00 12.9	+0.8
SIUC	Southern Illin	27.66	354	eP	P	05 56 54.2	-0.6
T39A	Cleaver	27.69	346	P	P	05 56 53.4	-1.8
USIN	University of	27.78	356	eP	P	05 56 55.2	-0.7
S41A	Jillico	27.90	349	P	P	05 56 55.2	-1.8
S42A	Caledonia	27.92	351	P	P	05 56 55.4	-1.7
T38A	Diamond	27.93	345	P	P	05 56 55.3	-1.9
WCI	Wyandotte Cave	27.99	359	eP	P	05 56 57.0	-0.7
WCI	Wyandotte Cave	27.99	359	P	PcP	06 00 13.0	+0.6
WCI	baz=178			P	P	05 56 57.0	-1.0
GD1L	Guadalupe Moun	28.02	324	eP	P	05 56 59.0	+0.8
R46A	Gibon Southern	28.02	357	P	P	05 56 57.2	-0.7
R49A	Shelbyville	28.04	1	P	P	05 56 57.3	-0.9
R50A	Paris	28.05	2	P	P	05 56 57.3	-0.9
R47A	Wooly Knot Far	28.06	358	P	P	05 56 57.3	-1.1
FVM	French Village	28.08	352	eP	P	05 56 57.9	-0.6
R51A	Hillsboro	28.10	3	P	P	05 56 58.3	-0.4
R45A	Skylar, Fairri	28.15	355	P	P	05 56 58.3	-0.8
R48A	Northridge Ran	28.15	359	P	P	05 56 58.2	-1.0
R44A	Waltonville	28.18	354	P	P	05 56 58.4	-1.0
R52A	Cattlettsburg	28.21	5	P	P	05 56 59.0	-1.1
MNTX	Cornudas Mount	28.25	322	eP	P	05 57 00.0	-0.2
MNTX	Cornudas Mount	28.25	322	P	P	05 56 59.7	-0.5
R43A	Red Bank	28.30	353	P	P	05 56 59.4	-1.1
S38A	Stockton	28.40	346	P	P	05 56 60.0	-1.4
R42A	Luebbering	28.42	351	P	P	05 56 60.0	-1.6
MSTX	Muleshoe	28.45	329	eP	P	05 57 01.6	-1.0
MSTX	Muleshoe	28.50	329	P	P	05 57 01.9	-0.7
R41A	Rosebud	28.53	350	P	P	05 57 00.9	-1.6
R58B	Mineral	28.56	13	P	P	05 57 02.2	-0.6
OLIL	Olney	28.57	356	eP	P	05 57 01.8	-1.1
OLIL	comp=Z,58nm,0.8s			PcP	PcP	06 00 14.7	+0.9
Q50A	Georgetown	28.63	3	P	P	05 57 02.6	-0.8
QVRD	Centerville Ro	28.68	13	P	P	05 57 05.0	+1.2
Q48A	North Vernon	28.68	360	P	P	05 57 02.8	-1.0
Q47A	Bedord North L	28.69	359	P	P	05 57 03.1	-0.9
AMTX	Amarillo	28.71	332	eP	P	05 57 03.3	-1.0
AMTX	Amarillo	28.71	332	P	P	05 57 03.1	-1.2
Q45A	Warren Harvey,	28.74	356	P	P	05 57 03.4	-1.0
Q49A	Aurora	28.76	1	P	P	05 57 03.6	-1.0
PTRD	Partlow Road	28.77	13	eP	P	05 57 05.2	+0.6
Q44A	Meyer Farm, Va	28.82	354	P	P	05 57 03.8	-1.3
Q51A	Peebles	28.84	4	eP	P	05 57 05.0	-0.3
Q51A	Peebles	28.84	4	P	P	05 57 05.0	-0.3
Q52A	Bidwell	28.86	5	P	P	05 57 05.0	-0.4
CBN	Corbin Frederi	28.90	13	eP	P	05 57 06.3	+0.5
CBN	Corbin Frederi	28.90	13	P	P	05 57 05.9	+0.1
BLO	Bloomington	28.93	358	eP	P	05 57 05.2	-0.9
Q42A	Golden Eagle	29.00	352	P	P	05 57 05.4	-1.3
Q41A	Truxton	29.15	351	P	P	05 57 06.6	-1.4
P48A	Milroy	29.21	0	P	P	05 57 07.3	-1.3
S48L	Samuel	29.24	130	eP	P	05 57 09.3	+0.2
P47A	Martinsville	29.24	359	P	P	05 57 07.4	-1.4
P49A	Miami Univ, Ec	29.29	1	P	P	05 57 08.3	-0.9
P51A	Williamsport	29.31	4	eP	P	05 57 09.4	-0.1
P51A	Williamsport	29.31	4	P	P	05 57 09.1	-0.3
P45A	Graceland, Par	29.34	357	eP	P	05 57 08.8	-0.9
P45A	Graceland, Par	29.34	357	P	P	05 57 08.4	-1.3
P44A	Sand Creek, Wi	29.34	355	P	P	05 57 08.5	-1.2
P50A	Jamestown	29.40	3	P	P	05 57 09.4	-0.8
P46A	Rosedale	29.40	357	P	P	05 57 09.5	-0.8
P53A	Whipple	29.47	7	eP	P	05 57 10.8	-0.1
P53A	Whipple	29.47	7	P	P	05 57 10.8	-0.1
P52A	Corning	29.54	5	P	P	05 57 11.0	-0.5
Q39A	Willow Grove F	29.55	348	P	P	05 57 10.1	-1.5
P43A	Skaggs, Pawnee	29.60	354	P	P	05 57 10.9	-1.1
Q38A	Cooks Store, C	29.60	347	P	P	05 57 10.6	-1.4

P42A	Winchester	29.64	352	eP	P	05 57 11.2	-1.2
P42A	Winchester	29.64	352	P	P	05 57 11.2	-1.2
P41A	Barry	29.83	351	P	P	05 57 12.4	-1.6
MCWV	Mont Chateau	29.84	9	eP	P	05 57 14.3	+0.2
MCWV	Mont Chateau	29.84	9	P	P	05 57 13.9	-0.3
P39B	Salisbury	29.93	349	P	P	05 57 13.6	-1.4
O50A	Cable	29.94	3	P	P	05 57 14.8	-0.2
O49A	Covington	29.95	2	eP	P	05 57 14.7	-0.5
O49A	Covington	29.95	2	P	P	05 57 14.4	-0.8
O47A	Sheridan	29.99	359	P	P	05 57 14.1	-1.4
O48A	Fairland	30.00	1	P	P	05 57 14.1	-1.5
O51A	Pataskala	30.01	5	P	P	05 57 14.6	-1.0
O44A	Mansfield	30.01	356	P	P	05 57 14.3	-1.3
O52A	Adamsville	30.04	6	eP	P	05 57 15.7	-0.3
O52A	Adamsville	30.04	6	P	P	05 57 15.1	-0.9
O45A	Potomac	30.06	357	P	P	05 57 14.6	-1.4
ACSO	Alum Creek Sta	30.06	4	eP	P	05 57 15.7	-0.5
ACSO	Alum Creek Sta	30.06	4	P	P	05 57 15.3	-0.9
SFIN	Lafayette	30.16	358	eP	P	05 57 15.2	-1.2
SFIN	Lafayette	30.16	358	P	P	05 57 15.5	-1.4
SDMD	Soldan Dell	30.18	13	eP	P	05 57 17.8	+0.6
O42A	Bath	30.21	353	P	P	05 57 16.7	-0.7
O43A	Sugar Creek Fa	30.22	354	P	P	05 57 16.0	-1.5
O41A	Pasleys Farm,	30.24	352	P	P	05 57 15.7	-2.0
121A	Cookes Peak, D	30.30	321	P	P	05 57 19.8	+1.3
P37A	Lathrop	30.37	346	P	P	05 57 17.6	-1.3
HDIL	Hopedale	30.48	354	eP	P	05 57 18.8	-1.1
HDIL	Hopedale	30.48	354	P	P	05 57 18.2	-1.6
KSU1	Kansas State U	30.50	343	eP	PcP	06 00 19.8	+1.0
KSU1	Kansas State U	30.50	343	P	PcP	05 57 18.2	-1.8
319A	Douglas	30.52	317	eP	P	05 57 22.4	+2.0
N50A	Newburg	30.59	4	P	P	05 57 19.6	-1.2
N48A	Decatur	30.61	1	P	P	05 57 19.4	-1.5
N44A	Pipe City	30.63	356	P	P	05 57 19.4	-1.7
N47A	Urbana	30.63	360	P	P	05 57 19.3	-1.8
O39A	Kirksville	30.64	349	P	P	05 57 19.3	-1.9
N45A	Kentland	30.64	357	P	P	05 57 19.6	-1.7
O56A	Blue Knob Stat	30.65	11	eP	P	05 57 21.8	+0.4
O56A	Blue Knob Stat	30.65	11	P	P	05 57 21.2	-0.1
N46A	Monticello	30.66	358	P	P	05 57 19.6	-1.7
N49A	Colonus Grove	30.69	2	eP	P	05 57 20.7	-0.9
N49A	Columbus Grove	30.69	2	P	P	05 57 20.4	-1.3
BNM	Barren Site	30.73	324	eP	P	05 57 23.2	+0.8
N51A	Ashland	30.79	5	eP	P	05 57 22.5	0.0
N51A	Ashland	30.79	5	P	P	05 57 21.4	-1.2
N41A	Harden Midland	30.81	352	eP	P	05 57 21.3	-1.5
N41A	Harden Midland	30.81	352	P	P	05 57 21.4	-1.3
N42A	Yates City	30.83	353	P	P	05 57 21.4	-1.4
Y22D	IRIS PASSCAL I	30.85	324	P	P	05 57 23.4	+0.1
MVL	Millersville	30.85	14	eP	P	05 57 24.5	+1.4
LPM	Los Pinos Moun	30.85	325	eP	P	05 57 24.8	+1.3
N43A	Stutzman Famil	30.85	355	P	P	05 57 21.7	-1.4
O37A	Wentzen Farm, M	30.87	347	P	P	05 57 21.6	-1.7
LENM	Lemmer	30.94	324	eP	P	05 57 25.3	+1.1
N54A	Moraine State	31.10	8	eP	P	05 57 25.3	0.0
N54A	Moraine State	31.10	8	P	P	05 57 24.6	-0.7
SSPA	Standing Stone	31.13	11	eP	P	05 57 25.7	+0.1
SSPA	Standing Stone	31.13	11	P	P	05 57 25.3	-0.2
M46A	Old House Fiel	31.16	359	eP	P	05 57 24.3	-1.5
M46A	Old House Fiel	31.16	359	P	P	05 57 23.6	-2.2
M45A	Boilermakers S	31.17	358	P	P	05 57 24.9	-1.0
LAZ	Ladron	31.21	324	eP	P	05 57 27.9	+1.3
M44A	Midewin, Midew	31.21	356	eP	P	05 57 24.4	-1.8
M44A	Midewin, Midew	31.21	356	P	P	05 57 24.1	-2.1
ANMO	Albuquerque	31.21	326	eP	P	05 57 27.2	+0.6
ANMO	Albuquerque	31.21	326	P	P	05 57 26.4	-0.2
M51A	Elyria	31.22	5	P	P	05 57 25.8	-0.5
M50A	Fremont	31.23	4	eP	P	05 57 26.1	-0.2
M50A	Fremont	31.23	4	P	P	05 57 25.1	-1.2
N39A	Derby Farms, D	31.23	350	eP	P	05 57 24.8	-1.7
N39A	Derby Farms, D	31.23	350	P	P	05 57 24.9	-1.6
M48A	Edgerton	31.24	1	eP	P	05 57 25.0	-1.5
M48A	Edgerton	31.24	1	P	P	05 57 24.8	-1.7
M49A	Liberty Center	31.25	2	P	P	05 57 25.5	-1.1
CBKS	Cedar Bluff	31.26	338	eP	P	05 57 26.2	-0.6
CBKS	Cedar Bluff	31.26	338	P	P	05 57 25.9	-0.8
M43A	Walam Townsh	31.33	355	P	P	05 57 26.1	-1.1
LPZA	La Paz	31.40	147	P	P	05 57 30.9	+2.0
LPZA	comp=Z,2.0nm,0.8s,baz=304,slow=7.3,SNR=3.3			PcP	PcP	06 00 22.4	+0.1
LPZA	comp=Z,1.3nm,0.7s,baz=0.0,slow=8.1,SNR=4.0			LR	LR	06 10 59.1	
M42A	Sheffield	31.42	354	P	P	05 57 26.5	-1.6
M41A	Milan	31.43	353	P	P	05 57 26.4	-1.8
M40A	Post Highland	31.59	351	P	P	05 57 28.1	-1.5
M54A	Oil Creek Stat	31.68	8	eP	P	05 57 30.7	+0.3
M54A							

16d 5h

H41A	Junction City	34.54 355	eP	P	05 57 53.4	-2.0
H41A	Junction City	34.54 355	P	P	05 57 53.3	-2.0
Y14A	Wickenburg	34.56 317	eP	P	05 57 57.2	+1.4
GLMI	Grayingling	34.58 1	eP	P	05 57 54.4	-1.2
GLMI	Grayingling	34.58 1	P	P	05 57 54.5	-1.1
H40A	Chili	34.62 354	P	P	05 57 54.0	-2.0
SMCO	Snowmass	34.68 330	eP	P	05 57 57.4	+0.3
PV01	Paradox Valley	34.71 327	eP	P	05 57 57.9	+0.7
H39A	Augusta	34.78 353	P	P	05 57 55.4	-2.0
ECSD	EROS Data Cent	34.83 346	eP	P	05 57 55.3	-2.6
ECSD	EROS Data Cent	34.83 346	P	P	05 57 55.3	-2.6
PV02	Paradox Valley	34.85 327	eP	P	05 57 59.2	+0.8
PV13	Radium Mtn., P	34.86 327	eP	P	05 57 59.3	+0.8
H38A	Malden Rock	34.91 352	P	P	05 57 56.4	-2.1
PV03	Paradox Valley	34.94 327	eP	P	05 57 59.9	+0.3
PV05	Paradox Valley	34.95 327	eP	P	05 57 59.7	+0.4
SADO	Sadowa	34.95 8	eP	P	05 57 57.6	-1.2
PV12	Saucer Basin	34.97 327	eP	P	05 57 59.9	+0.6
PV18	Skein Mesa, Pa	34.97 327	eP	P	05 58 00.0	+0.6
PV11	David Mesa, Pa	34.99 327	eP	P	05 58 00.2	+0.7
PV16	Nyswonger Mesa	35.02 327	eP	P	05 58 00.5	+0.6
PV17	East Wray Mesa	35.02 327	eP	P	05 58 00.4	+0.6
G43A	Wallace	35.05 357	P	P	05 57 57.6	-2.1
PV19	Morning Glory	35.06 327	eP	P	05 58 00.8	+0.6
PV20	West Nyswonger	35.07 327	eP	P	05 58 00.7	+0.5
G42A	Mountain	35.07 356	eP	P	05 57 57.9	-2.1
G42A	Mountain	35.07 356	P	P	05 57 57.7	-2.2
G41A	Antigo	35.09 356	P	P	05 57 57.7	-2.4
PV22	Blue Mesa, Par	35.12 327	eP	P	05 58 01.2	+0.5
PV14	Lion Creek, Pa	35.12 327	eP	P	05 58 01.2	+0.4
PV10	Paradox Valley	35.13 327	eP	P	05 58 00.8	-0.1
PV23	Carpenter Ridge	35.18 327	eP	P	05 58 01.6	+0.4
PV21	Cone Mtn., Par	35.22 327	eP	P	05 58 02.1	+0.4
G40A	Rib Lake	35.24 354	P	P	05 57 59.6	-1.7
PV09	Paradox Valley	35.27 327	eP	P	05 58 02.7	+0.6
GLA	Glamis	35.30 315	eP	P	05 58 04.6	+2.5
GLA	Glamis	35.30 315	P	P	05 58 04.3	+2.2
G38A	Ridgeland	35.33 352	P	P	05 57 59.8	-2.3
G39A	Holcombe	35.36 353	P	P	05 58 00.4	-2.0
Y12C	Blythe	35.48 316	eP	P	05 58 05.6	+2.0
Y12C	Blythe	35.48 316	eP	P	06 00 34.5	+1.7
SPMN	Marine on StR	35.52 351	eP	P	05 58 01.5	-2.3
SPMN	Marine on StR	35.52 351	P	P	05 58 01.5	-2.3
PDMCI	Parker Dam, Lak	35.54 317	P	P	05 58 05.7	+1.6
N23A	Red Feather La	35.55 333	eP	P	05 58 04.0	-0.4
N23A	Red Feather La	35.55 333	P	P	05 58 04.0	-0.4
F43A	Flat Rock, Esc	35.60 358	P	P	05 58 02.5	-1.9
F41A	Three Lakes	35.61 356	eP	P	05 58 02.4	-2.2
F41A	Three Lakes	35.61 356	P	P	05 58 02.1	-2.4
LONY	Lake Ozonia	35.65 13	eP	P	05 58 03.8	-1.0
LONY	Lake Ozonia	35.65 13	P	P	05 58 04.0	-0.9
U15A	North Rim	35.66 322	eP	P	05 58 06.8	+1.4
PHWY	Pilot Hill	35.67 334	eP	P	05 58 05.2	-0.7
PHWY	Big Bay de Noc	35.73 359	eP	P	06 00 34.7	+1.1
F44A	Big Bay de Noc	35.73 359	P	P	05 58 03.9	-1.6
W13A	Hualapai Mount	35.84 318	eP	P	05 58 09.0	+2.0
F40A	Park Falls	35.88 355	P	P	05 58 04.6	-2.3
SWSC	Sam W. Stewart	35.93 314	P	P	05 58 09.2	+1.8
F39A	Loretta	35.95 354	P	P	05 58 05.3	-2.2
COWI	Conover	35.98 356	eP	P	05 58 05.6	-2.1
F37A	Hinrichs Farm,	35.98 352	P	P	05 58 07.5	-2.0
IKP	In-Ko-Pah, Jac	35.99 313	P	P	05 58 10.0	+1.9
O20A	White River Ci	36.04 330	eP	P	05 58 08.8	+0.2
O20A	White River Ci	36.04 330	P	P	05 58 09.1	+0.6
BC3	Big Chuckawall	36.07 315	P	P	05 58 10.7	+1.9
SUD	Miller	36.10 344	P	P	05 58 06.5	-2.2
IRM	Iron Mountain	36.13 316	P	P	05 58 11.4	+2.1
E43A	Lone Tree Farm	36.14 358	eP	P	05 58 07.8	-1.2
E43A	Lone Tree Farm	36.14 358	P	P	05 58 07.6	-1.4
E42A	Champion	36.23 357	P	P	05 58 08.0	-1.8
PKCU	Pink Cliffs	36.34 323	eP	P	05 58 12.8	+1.5
MONP2	Monument Peak	36.34 313	P	P	05 58 10.3	-0.9
KNB	Kanab	36.37 322	eP	P	05 58 13.0	+1.6
E39A	Mellen	36.37 354	P	P	05 58 09.2	-1.8
E40A	Wakefield	36.38 355	P	P	05 58 09.0	-2.1
SRU	San Rafael Swe	36.47 325	eP	P	05 58 12.5	+0.3
LCMT	Little Creek M	36.62 321	eP	P	05 58 15.1	+1.6
BELC	Belle Mtn. Jns	36.64 315	P	P	05 58 14.9	+1.3
LDFC	Landfair	36.64 317	eP	P	05 58 16.4	+2.7
MTPU	Mount Pierson	36.66 324	eP	P	05 58 15.0	+0.9
P18A	Preston Nutter	36.69 327	eP	P	05 58 14.8	+0.6
E38A	The Farm, Brul	36.71 353	eP	P	05 58 11.6	-2.3
E38A	The Farm, Brul	36.71 353	P	P	05 58 13.8	-0.1
XPFO	Pion Flat	36.75 314	eP	P	05 58 16.5	+1.9
PFO	Pinyon Flats O	36.75 314	eP	P	06 00 38.4	+1.6
PFO	Pinyon Flats O	36.75 314	P	P	05 58 16.5	+1.9

2012 SEP

RWWY	Rawlins	36.76 332	eP	P	05 58 14.9	+0.2
RWWY	Rawlins	36.76 332	eP	P	06 00 38.6	+1.8
FRWD	Ford Ranch, An	36.79 314	eP	P	05 58 16.9	+2.0
109C	Camp Elliot, M	36.83 313	P	P	05 58 17.3	+2.1
CPE	Camp Elliot	36.83 313	eP	P	05 58 17.6	+2.5
GMRC	Granite Mounta	36.84 316	P	P	05 58 16.8	+1.4
P17A	Butcher Ranch,	36.84 327	eP	P	05 58 15.7	+0.3
SZCU	Shurtz Canyon	36.90 322	eP	P	05 58 17.5	+1.5
TMUT	Trail Mountain	36.97 326	eP	P	05 58 17.3	+0.7
MSU	Marysville	36.98 324	eP	P	05 58 17.6	+1.0
MSU	Marysville	36.98 324	eP	P	06 00 39.6	+2.1
CCUT	Cedar City	37.04 322	eP	P	05 58 18.6	+1.5
TRQ	Tremblant	37.17 13	eP	P	05 58 16.5	-1.4
K22A	Casper	37.23 334	eP	P	05 58 18.1	-0.5
K22A	Casper	37.23 334	P	P	05 58 18.1	-0.5
MURC	Murieta	37.27 314	P	P	05 58 20.8	+1.9
HEC	Hector, Ludlow	37.33 316	P	P	05 58 21.5	+2.1
TUQ	Turquoise Moun	37.39 317	P	P	05 58 21.9	+1.8
BBRC	Big Bear Solar	37.42 315	P	P	05 58 22.7	+2.2
RSSD	Black Hills	37.46 338	eP	P	05 58 20.4	-0.3
RSSD	Black Hills	37.46 338	eP	P	06 00 39.7	+0.8
RSSD	Black Hills	37.46 338	P	P	05 58 20.2	-0.4
SHPR	Sheep Range	37.51 319	eP	P	05 58 22.9	+1.8
SHPR	Sheep Range	37.51 319	eP	P	06 00 41.0	+2.0
PKME	Peaks-Kenny Pk	37.70 19	eP	P	05 58 22.4	+0.1
PKME	Peaks-Kenny Pk	37.70 19	P	P	05 58 21.9	-0.3
MPU	Maple Canyon	37.71 326	eP	P	05 58 23.2	+0.4
SHOC	Shoshone, Teco	37.89 318	P	P	05 58 26.1	+2.0
GSC	Goldstone, Bar	37.91 316	eP	P	05 58 26.8	+2.4
GSC	Goldstone, Bar	37.91 316	eP	P	06 00 41.9	+1.7
GSC	Goldstone, Bar	37.91 316	P	P	05 58 26.1	+1.7
BFC	Mount Baldy Ra	37.93 314	P	P	05 58 26.2	+1.6
PSUT	Pine Spring	37.97 323	eP	P	05 58 26.2	+1.1
JLU	Jordanelle	38.03 327	eP	P	05 58 25.7	+0.2
CIS	Catalina Islan	38.04 313	P	P	05 58 26.8	+1.3
MWC	Mount Wilson	38.04 314	eP	P	05 58 29.4	+2.4
CTU	Camp Tracy	38.26 327	eP	P	05 58 27.9	+0.6
TCUT	Tooone Canyon	38.38 328	eP	P	05 58 29.1	+0.6
DECC	Green Verdugo	38.41 314	P	P	05 58 30.3	+1.8
VLDQ	Vai d'Or	38.47 9	eP	P	05 58 27.6	-1.1
TPNV	Topopah Spring	38.48 319	eP	P	05 58 31.2	+2.0
TPNV	Topopah Spring	38.48 319	P	P	05 58 31.1	+1.8
DUG	Dugway, Toeole	38.49 326	eP	P	05 58 29.8	+0.5
DUG	Dugway, Toeole	38.49 326	P	P	05 58 29.8	+0.5
EDW2	Edwards Air Fo	38.50 315	P	P	05 58 30.2	+0.8
FURC	Furnace Creek,	38.60 318	P	P	05 58 31.9	+1.8
LRMC	Lau Mtn Rad	38.60 316	P	P	05 58 33.2	+2.9
BW06	Boulder Array	38.69 331	eP	P	05 58 30.0	-1.0
BW06	Boulder Array	38.69 331	P	P	05 58 30.0	-1.0
PD31	Pinedale Array	38.69 331	eP	P	05 58 30.1	-1.0
PD31	Pinedale Array	38.69 331	eP	P	06 00 43.3	+0.6
PDAR	Pinedale Array	38.69 331	P	P	05 58 30.3	-0.7
PDAR	Pinedale Array	38.69 331	P	P	06 00 43.2	+0.6
PDAR	Pinedale Array	38.69 331	P	P	06 01 29.9	
PDAR	Pinedale Array	38.69 331	P	P	05 58 28.7	-2.3
PMPC	Manual Propsec	38.79 317	eP	P	06 00 43.2	+0.6
PMPC	Manual Propsec	38.79 317	P	P	05 58 33.4	+1.5
OSI	Osito Audit, C	38.87 314	eP	P	05 58 35.1	+2.6
R11A	Troy Canyon, C	38.91 321	eP	P	05 58 33.9	+1.0
R11A	Troy Canyon, C	38.91 321	P	P	05 58 33.8	+1.0
DAC	Darwin (Calif)	38.98 317	eP	P	05 58 35.4	+1.9
DAC	Darwin (Calif)	38.98 317	eP	P	05 58 42.7	+0.9
AGMN	Agassiz Nation	39.02 349	eP	P	05 58 31.2	-2.2
AGMN	Agassiz Nation	39.02 349	eP	P	05 58 38.1	-3.5
AGMN	Agassiz Nation	39.02 349	eP	P	06 00 43.0	-0.3
AGMN	Agassiz Nation	39.02 349	P	P	05 58 31.2	-2.2
SPUT	South Promonto	39.06 327	eP	P	05 58 34.4	+0.2
BGU	Big Grassy Mou	39.11 326	eP	P	05 58 34.9	+0.4
ARVC	Arvin	39.21 315	P	P	05 58 36.4	+1.1
GRAC	Grapevine Rang	39.23 318	P	P	05 58 37.2	+1.8
ISA	Isabella, Lake	39.25 316	eP	P	05 58 37.7	+2.1
ISA	Isabella, Lake	39.25 316	eP	P	06 00 46.3	+2.0
ISA	Isabella, Lake	39.25 316	P	P	05 58 37.3	+

Table with columns: YBHD, L04D, PINE, WALA, CPUP, CPUP, CPUP, KHMM, E09A, JCC, J04D, H04M, I05D, E08A, L02D, G06A, F07A, HAWA, I04A, IREW, NEW, FFC, D08A, K02D, G05D, E07A, H04A, I03D, J01D, H04D, F05D, SCH0, SCH0, I02D, G08A, B03D, LON, C06D, F04D, D05A, D04D, B05A, NWLA, A04D, LLLB, PLCA, PLCA, TRQA, YKA, YKA, DIB, TAOE, TAOE, CRAIG, RKT, RKT, WRAK, DLBC, DLBC, DAWY, DAWY, INK, INK, PMOR, EGAK, DIV, PAX, RIDG, SUMG, GHO, TIAR, ILAR, ILAR, PPT, PPT2, PPT2, RND, CCB, WRH

Table with columns: COLA, MCK, MDM, SKT, RSO, KTH, BPWA, MLY, CAST, TBI, TBI, TBI, TBI, TBI, TBI, TOLK, IM3, MORF, MORF, MORF, PCAS, PGAV, PMTG, MESJ, MESJ, MESJ, PVAQ, PVAQ, PESTR, MTE, MTE, PCBR, PMRV, MVO, PBAR, PBRR, ESDC, ESDC, TIC, LIC, DBIC, DBIC, ADK, ADK, ADK, NOA, NOA, TORO, TORO, DAVA, DAVA, FETA, MOTI, NKC, CLL, CLL, WTTA, WTTA, ARCES, KEST, ABTA, KHC, GERES, PRU, PRU, GOPC, MOA, DPC, CONA, FINES, FINES, FINES, VNA3, VNA3, BOSI, ZALV, MJAR, CN2, SONM, GEYT, MKAR, MKAR, KSR5, KSR5, KSR5, WMOQ, WMOQ, WMOQ, BJI, HHC, KSH, KSH, GTA, GTA, GTA, GTA, STA, STA, NJ2, LZH, LZH, LZH, LZH, LZH, XAN, ENH, ENH, CD2, ASAR

Table with columns: ASAR, WRAB, WRA, GYA, GYA, TGTY, QIZ, FITZ, NWA0, NWA0, H01W1, H01W2, H01W3, CHTO, CHTO, CMMT, PHRA, PHRA, CMAR, CMAR, CMAR, SUKH, PHIT, CHAI, MEX, PNIG, PNIG, TLIG, TLIG, VHO, VHO, CAIG, PLIG, PLIG, YAIG, YAIG, IDC, DJA, NEIC, ISCJB, GCMT, Code, CMBY, CMBY, CMBY, BSI, LHMI, LHMI, TPTI, GSI, GSI, TSI, PBA, PBA, PBA, PSI, PSI, PSI, PBDT, PBDT, MNSI, SURT, PALK, PALK, PALK, TRIT, BKN, MDRS, TRD, TRD, LHSI, VIS, MDSI, KASI, CMAR, BWN, BWN, HYB, HYB, HYB, GOA

Table with columns: IHO, Hitachi, 0.76 233 P, Pb, 07 43 37.9 -0.9, etc. Includes stations like Hitachi, Marumori, Otama, Yanaizu, Ouri, Okura, Matsushiro Arr, etc.

Table with columns: PTK, Pertek, 3.25 63 PN, Pn, 07 55 06.9 0.0, etc. Includes stations like Pertek, Lefka, KONYA_Doganhis, etc.

Table with columns: GEC2, GERESS Array S, 19.61 312 eP, P, 07 58 43.9 -0.1, etc. Includes stations like GERESS Array S, GERESS Array B, etc.

DDA 16 07:54:14.8,37.51N,35.66E,h24km,M14.7
NEIC 16 07:54:15.0,0.0,37.44N,35.77E,h18km,mb4.4/30,
ML4.7(DDA),ML4.7(ISK),After ISK

DDA 16 07:54:15.3,37.45N,35.75E,h19km,ML4.7/12
BU 16 07:54:16.5,37.40N,35.80E,h19km,mb4.7/18,mb5.0/3,
MS4.6,MS7.4,6.5

DDA 16 07:54:17.0,37.35N,35.63E,h17km,mb4.9,ML4.7
DSN 16 07:54:20.4,0.3,37.31N,36.09E,h15km,mb4.9/9,Error
ellipse: s-maj=6.5km,s-min=4.8km,az=32.0

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like ANDN, Adirindir, SAIM, ADANA, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like YURE, YUREGIR, YAHY, KAYSERI_Yahyal, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like GULE, GULEK, KRDT, Karatas-Adana, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like KMRs, Kahramanmaras, KMRs, Kahramanmaras, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like NIG, Nigde, NIG, Nigde, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like TAHT, Tahtakpru-Hat, GAZ, Gaziantep, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like KERG, Konya-Eregli, KERG, Konya-Eregli, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like KUZU, Kuzuni, BNN, Bunyan, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like ELBS, KAHRAMANMARAS, ELBS, KAHRAMANMARAS, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like YAYL, Yayladag, YAYL, Yayladag, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like AVNS, Nevsehir-Avano, AVNS, Nevsehir-Avano, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like KIZK, Mersin, KIZK, Mersin, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like CUGUR, Gurin_S'VAS, CUGUR, Gurin_S'VAS, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like SGLF, Siflik-Mersin, DARE, Darende-Malaty, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like AKSY, AKSARAY - Altı, AKSY, AKSARAY - Altı, etc.

Table with columns: Code, Station Name, Az, Time, Res, etc. Includes stations like CUALT, Altinyayla-SIV, CUALT, Altinyayla-SIV, etc.

16d 8h

2012 SEP

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ANMO Albuquerque, R43A Red Bud, S48A Wiedeman Farm, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like P17A Butcher Ranch, SHPR Sheep Ranch, R3W3 Rawlins, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LPAZ, G05D Wamic, NEW Newport, etc.

ISCJB 16 08:29:18.9:0.9, 14:87S:0'08:167.4E:0'2, h129km, mb3.76, Error ellipse: s-maj=23.2km s-min=11.4km

NIED 16 08:40:00.39:40N:144.60E, h5km, Mw3.7 Best double couple: Mo:4.48000e+104 NP1:357.00000e+822.00000e+...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAJ, BSO1, JRY, MJAR, etc.

IDC 16 08:48:21.6:1.7, 76:43S:178:43W, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/4, mbtmp3.9/4, Error ellipse: s-maj=155.9km s-min=28.8km az=156.0, Fiji Islands

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

KRSC 16 09:03:11.8:1.6, 50:04N:156:93E, h48km, 1.7km, ML3.8, Kuril Islands

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

DHMR 16 09:06:07.4:1.9, 11:62N:42:83E, h9km, 29km, ML4.3

ISCJB 16 09:06:10.7:0.7, 11:55N:0:06:42:98E:0:05, h10km, Error ellipse: s-maj=5.0km s-min=4.7km az=149.0

ARO 16 09:06:10.6, 11:6N:0:43:0E:0.3, h3km, 2km, M13.9

ISC 16 09:06:11.5:0.9, 11:67N:0:04:43:00E:0:04, h10km, n14, 1183/20, Ethiopia

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

ISCJB 16 09:10:07.5:0.4, 44:63N:0:02:21:73E:0:04, h0km, Error ellipse: s-maj=4.5km s-min=2.7km az=37.0

BUC 16 09:10:07.6:0.5, 44:64N:21:74E, h4km, 5km, MD2.7/2, Error ellipse: s-maj=6.7km s-min=4.2km az=13.0

BEO 16 09:10:08.4:0.3, 44:64N:21:81E, h0km, Mining explosion, Error ellipse: s-maj=6.7km s-min=4.2km az=13.0

ISC 16 09:10:07.8:0.8, 44:66N:0:03:21:69E:0:04, h0km, n21, 1064/35, 8C-2D, Northwestern Balkan Peninsula

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

IDC 16 09:20:06.9:2.8, 10:52N:126:60E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/4, mbtmp3.6/4, MS3.2/5, M1 3.2/5, ms1mx2.7/36, Error ellipse: s-maj=216.8km s-min=25.4km az=65.0

ISCJB 16 09:20:10.8:1.2, 10:73N:0:04:126:87E:0:08, h53km, 14km, mb3.6/4, MS3.2/4, Error ellipse: s-maj=13.9km s-min=6.2km az=170.6

MAN 16 09:20:11.1, 10:73N:126:82E, h30km, mb5.1, ML4.1, MS4.2

ISC 16 09:20:12.3:2.1, 10:74N:0:05:126:8E:0:11, h45km, 23km, n23, 1518/25, mb3.7/4, MS3.0/4, 1C-3D, Philippine Islands region

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

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

MAN 16 09:38:06.9, 13:13N:124:40E, h33km, mb3.8, ML2.6, MS2.2, 1C, Luzon

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

NEIC 16 09:47:01.6:0.0, 19:04N:65:83W, h14km, MD2.9(RSPR), After RSPR

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

RSPR 16 09:47:01.6, 19:04N:65:83W, h14km, 6km, 8C, Puerto Rico region

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

NEIC 16 09:47:56.0:0.0, 19:07N:65:83W, h14km, MD3.1(RSPR), After RSPR

RSPR 16 09:47:56.0, 19:07N:65:83W, h14km, 1km, 16C-2D, Puerto Rico region

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

ISCJB 16 09:56:34.9, 37:49N:35:67E, h20km, Md3.4

ISC 16 09:56:35.9, 37:48N:35:77E, h17km, ML3.6/18

ISC 16 09:56:35.3:1.0, 37:49N:0:02:35:72E:0:02, h16km, 9km, n51, 1103/70, Turkey

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

DDA 16 09:56:34.9, 37:49N:35:67E, h20km, Md3.4

ISC 16 09:56:35.9, 37:48N:35:77E, h17km, ML3.6/18

ISC 16 09:56:35.3:1.0, 37:49N:0:02:35:72E:0:02, h16km, 9km, n51, 1103/70, Turkey

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

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

MAN 16 10:23:16.1, 13:09N:120:74E, h24km, mb3.8, ML2.5, MS2.1, 1C-3D, Mindoro

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

ISCJB 16 10:25:12.9:1.9, 44:73N:0:06:82:2E:0:2, h0km, 15km, Error ellipse: s-maj=20.3km s-min=5.6km az=27.2

SOME 16 10:25:12.7, 44:75N:82:13E, h20km

NINC 16 10:25:13.2:0.7, 44:74N:82:09E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=9.2km s-min=2.6km az=117.0

ISC 16 10:25:10.5:1.8, 44:75N:0:05:82:13E:0:08, h1km, 14km, n10, 0594/20, 5C-2D, Northern Xinjiang

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

THR 16 10:26:07.1:0.6, 26:94N:54:23E, h14km, 6km, ML3.7

TEH 16 10:26:14.5, 27:20N:54:13E, h30km, ML3.6

ISC 16 10:26:15.4:1.1, 27:40N:0:05:54:36E:0:05, h25km, n25, 1194/26, Southern Iran

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

Table with columns: IPAR, Pars, 2.70 335, IAML, 10 27 49.8, etc. Lists various IPAR entries with their respective parameters and values.

ISCJB 16 10:27:51.5-1.0,24:89N,01:10:109.3W,0.1, h17km, Error ellipse: s-maj=19.1km s-min=6.3km az=43.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for the Gulf of California region.

DDA 16 10:35:23.0,39:11N,29:13E, h186km, M3.6 ISK 16 10:35:22.9,39:13N,29:13E, h7km, ML3.7/38

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for the DDA and ISK regions.

Table with columns: BTAS, Taskesti, 2.04 44, P, P, 10 35 58.6-1.7, etc. Lists BTAS entries with their respective parameters and values.

ISCJB 16 10:50:56.3-2.4,41:06N,19:62E, h0km, mb3.4/2, mb1 3.7/5, mb1mx3.4/54, mbtmp3.5/5, ML3.6/3, Error ellipse: s-maj=30.4km s-min=15.3km az=12.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for the ISCJB region.

TIR 16 10:50:59.4,41:12N,19:96E, h9km, M3.5/8 THE 16 10:50:59.5,41:16N,19:78E, h0km,2km, ML3.1/10, Error ellipse: s-maj=2.3km s-min=1.2km az=239.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for the TIR, THE, and other regions.

Table with columns: CEME, Pejje, 1.58 14, P, P, 10 51 48.6+0.6, etc. Lists CEME entries with their respective parameters and values.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOA Mollin, WATA Wattenberg, WTTA Walderalm, FETA Feichten, MOTA Moosalm, GERES GERES Array B, etc.

DDA 16 10:54:41.5, 37.41N, 35.74E, h7km, Md2.6
ISK 16 10:54:41.7, 37.54N, 35.67E, h7km, Md2.3/7
ISCJB 16 10:54:42.5, 0.7, 37.51N, 0.02, 35.72E, 0.04, h12km, 6km, Error ellipse: s-maj=6.0km s-min=3.9km az=17.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SAIM ADANA, YURE YUREGIR, YURE YAHY, etc.

IDC 16 10:59:20.6, 4.1, 15.19N, 94.60W, h0km, mb3.3/2, mb1.3, 8/3, mb1.3, 4/38, mbtmp3.3/3, ML3.3/1, Error ellipse: s-maj=89.9km s-min=46.9km az=95.0, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMIG Matias Romero, TXAR Lajitas Array, NVAR Mina Array Bea, etc.

NEIC 16 11:03:09.2, 0.4, 14.97N, 95.13W, h21km, MD4.4 (MEX), After MEX. MEX 16 11:03:09.2, 0.4, 14.97N, 95.13W, h21km, 23km, MD4.4, Off coast of Oaxaca

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

SOME 16 11:08:51.3, 43.85N, 82.25E, h5km
NMC 16 11:08:57.4, 4.7, 43.87N, 81.86E, h0km, mb2.5, mpv2.2, Error ellipse: s-maj=57.6km s-min=16.6km az=134.0

ISC 16 11:08:52.1, 2.6, 43.75N, 0.09, 82.21E, 0.10, h9km, 14km, n9, s164/16, 2C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KTMS Ketmen, DJR Jarkent, PDGK Podgornoye, etc.

ATH 16 11:12:55.4, 4.1, 35N, 19.78E, h33km, 2km, ML2.5/4, Error ellipse: s-maj=2.5km s-min=1.2km az=7.0
BEO 16 11:12:55.6, 0.5, 4.1, 06N, 19.85E, h3km, 2km
PDG 16 11:12:56.4, 0.2, 4.1, 12N, 19.73E, h11km, ML2.7/10, Error ellipse: s-maj=0.9km s-min=1.2km az=0.0

TIR 16 11:12:57.6, 4.1, 13N, 19.97E, h9km, Md7.77
SKO 16 11:12:58.6, 4.1, 13N, 19.90E, h0km
ISC 16 11:12:57.1, 0.9, 4.1, 16N, 0.02, 19.84E, 0.02, h13km, 6km, n62, s108/99, 10C-8D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIR Tirane, PESHKOPIA, VLO Vlora, etc.

IDC 16 11:52:35.2, 0.2, 26.17N, 129.48E, h44km, M3.5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City (W), SIJI Sorong, SIJI Sorong, etc.

IDC 16 11:57:19.7, 1.0, 3.29N, 127.72E, h0km, mb3.8/6, mb1.4, 0/7, mb1mx3.7/40, mbtmp3.8/7, ML3.7/1, MS2.4/1, Ms1.2, 2.1, ms1mx2.2/40, Error ellipse: s-maj=73.1km s-min=17.9km az=72.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City (W), SIJI Sorong, SIJI Sorong, etc.

IDC 16 12:04:21.8, 0.9, 19.52N, 64.19W, h81km, 3km, MD4.0/15
NEIC 16 12:04:21.8, 0.9, 19.52N, 64.19W, h81km, mb3.8/1, AGPR Obispado Ponce (After RSPR)

ISC 16 12:04:24.0, 0.9, 19.52N, 0.06, 64.34W, 0.04, h34km, n75, s180/83, mb3.6, 5, 25C-10D, Virgin Islands

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

0.6nm, 0.4s, baz=138, slow=5.5, SNR=3.7
MKAR Makanchi Array 79.79 319 P P 11 25 49.0 -1.8
ILAR Eielson Array 82.78 22 P P 11 26 03.0 -0.0

IDC 16 11:41:11.9, 8.2, 20.74S, 178.66W, h620km, g3km, mb3.1/7, mb1.3, 3/7, mb1mx3.0/31, mbtmp4.1/7, Error ellipse: s-maj=50.2km s-min=27.1km az=59.0, Fiji Islands region

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

JMPA 16 11:52:35.2, 0.2, 26.17N, 129.48E, h44km, M3.5, Ryukyu Islands

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

IDC 16 11:57:19.7, 1.0, 3.29N, 127.72E, h0km, mb3.8/6, mb1.4, 0/7, mb1mx3.7/40, mbtmp3.8/7, ML3.7/1, MS2.4/1, Ms1.2, 2.1, ms1mx2.2/40, Error ellipse: s-maj=73.1km s-min=17.9km az=72.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City (W), SIJI Sorong, SIJI Sorong, etc.

IDC 16 12:04:21.8, 0.9, 19.52N, 64.19W, h81km, 3km, MD4.0/15
NEIC 16 12:04:21.8, 0.9, 19.52N, 64.19W, h81km, mb3.8/1, AGPR Obispado Ponce (After RSPR)

ISC 16 12:04:24.0, 0.9, 19.52N, 0.06, 64.34W, 0.04, h34km, n75, s180/83, mb3.6, 5, 25C-10D, Virgin Islands

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

GUMO	Guam	17.30 20 P	P	12 54 51.1 +5.6
GUMO	Guam	8.0nm,0.3s,baz=194,slow=12,SNR=6.5		
GUMO	Guam	17.30 20 ePn	P	12 54 51.9 +6.3
WRAB	Tenna Creek	17.64 194 ePn	Pn	12 54 47.1 -1.5
WB2	Warramunga Arr	17.65 194 ePn	Pn	12 54 46.3 -2.4
WRA	Warramunga Arr	17.65 194 P	P	12 54 47.2 -1.5
WRA	Warramunga Arr	2.2nm,0.3s,baz=12,slow=12,SNR=8.5		
WRA	Warramunga Arr	1.2nm,0.3s,baz=10,slow=22,SNR=8.4		
EDFI	Ende, Flores	18.02 250 P	P	12 55 01.0 +8.0
BNSI	Bone	18.71 264 P	Pn	12 55 09.0 +7.2
CTA	Charters Tower	18.73 158 eP	P	12 55 01.7 -0.2
CTAO	Charters Tower	0.4nm,0.7s,baz=340,slow=12,SNR=7.2		
CTAO	Charters Tower	18.73 158 eP	Pn	12 55 01.9 -0.0
BKSI	Bulukumba	18.79 262 P	Pn	12 55 09.4 +6.7
TTSI	Tana Toraja	18.94 269 P	Pn	12 55 07.2 +2.7
SPSI	Sidrap Palu	19.02 266 P	Pn	12 55 11.8 +6.3
PCI	Palu	19.02 275 P	Pn	12 55 07.6 +2.1
MPSI	Mapaga	19.12 279 P	Pn	12 55 07.4 +0.7
FITZ	Fitzroy Crossi	19.98 219 P	P	12 55 14.8 -0.2
FITZ	Fitzroy Crossi	0.7nm,0.3s,baz=42,slow=11,SNR=29		
FITZ	Fitzroy Crossi	1.4nm,0.3s,baz=217,slow=18,SNR=7.1		
FITZ	Fitzroy Crossi	19.98 219 eP	S	12 55 14.9 0.0
FITZ	Fitzroy Crossi	19.98 219 eP	S	12 58 46.3 -1.2
AS01	Alice Springs	21.33 192 eP	P	12 55 29.3 -0.3
AS31	Alice Springs	21.34 192 eP	P	12 55 29.5 -0.2
ASAR	Alice Springs	21.34 192 P	P	12 55 29.4 -0.2
ASAR	Alice Springs	1.4nm,0.7s,baz=18,slow=11,SNR=16.4		
ASAR	Alice Springs	9.3nm,0.9s,baz=14,slow=25,SNR=6.9		
PLAI	Plampang	21.75 253 P	P	12 55 32.2 -1.9
HNR	Honiara	22.06 108 eP	P	12 55 38.7 +1.3
HNR	Honiara	22.06 108 eP	P	12 55 38.5 +1.1
KBKI	Kotabaru	22.59 268 P	P	12 55 50.1 +6.9
TGY	Togayay City	24.35 314 LR	LR	13 07 04.1
KMMI	Kalianget	25.09 259 P	P	12 56 14.8 +7.8
EIDS	Eidsvold	25.43 153 eP	P	12 56 10.9 +0.9
MBWA	Marble Bar	26.07 224 eP	P	12 56 15.2 -0.7
STKA	Stevens Creek	29.11 175 P	P	12 56 42.7 -0.3
STKA	Stevens Creek	2.5nm,0.7s,baz=350,slow=7.5,SNR=5.7		
STKA	Stevens Creek	29.11 175 eP	LR	13 07 40.4
STKA	Stevens Creek	comp-Z,170nm,21.1s,baz=8,slow=65		
STKA	Stevens Creek	29.11 175 eP	LR	13 07 40.4
FORT	Forrest	29.68 199 eP	P	12 56 47.4 -0.6
BBOO	Buckleboe	30.03 185 eP	P	12 56 51.0 -0.1
ARMA	Armidale	30.10 157 eP	P	12 56 53.4 +1.5
TWG	Tungurahua	30.72 327 eP	P	12 56 57.9 +0.6
YULB	Yu-ih	31.06 328 eP	P	12 56 58.7 -1.6
CISI	Cisomet, Garu	31.20 260 eP	P	12 56 59.7 -2.0
TPUB	Tapu	31.35 327 eP	P	12 57 01.3 -1.6
NACB	Nanganchiao	31.54 329 eP	P	12 57 03.7 -0.8
SSLB	Sungaling	31.56 328 eP	P	12 57 03.2 -1.6
YHNB	Yeheng	32.06 329 eP	P	12 57 09.6 +0.5
MDSI	Maura Dua	34.58 266 P	P	12 57 31.1 -0.1
LHSI	Lahat	35.22 267 P	P	12 57 37.6 +0.9
NWAO	Narrogin (SRO)	36.20 212 LR	LR	13 15 05.3
JNU	Nakatsue	36.43 349 LR	LR	13 11 09.4
JNU	Nakatsue	comp-Z,61nm,21.4s,baz=119,slow=34		
JNU	Nakatsue	36.43 349 eP	P	12 57 47.7 +0.8
PDSI	Padang	38.34 272 P	P	12 58 02.6 -0.8
MJAR	Matsushiro Arr	39.07 359 P	P	12 58 07.7 -1.4
MJAR	Matsushiro	1.3nm,0.6s,baz=182,slow=9.1,SNR=8.0		
MJAR	Matsushiro	39.07 359 eP	PcP	13 00 17.2 -1.4
MAJO	Matsushiro	1.7nm,0.8s,baz=189,slow=3.1,SNR=4.7		
MJB9	Matsu-Tunnel	39.08 359 eP	P	12 58 07.7 -1.5
MNSI	Mandaling Nat	39.35 275 P	P	12 58 07.7 -1.5
NJ2	Nanjing	39.43 333 eP	P	12 58 07.7 -1.5
NJ2	Nanjing	3.3nm,0.7s		
KS15	Wonju Array Si	41.23 347 eP	P	12 58 27.8 +0.8
KSAR	Wonju Array Be	41.23 347 eP	P	12 58 27.6 +0.6
KSRS	Korea Arr	41.23 347 eP	P	12 58 27.6 +0.6
KS01	Wonju Array Si	41.26 347 eP	P	12 58 27.1 -0.2
GSI	Gunungsitoli	41.39 275 eP	P	12 58 27.4 -1.3
KCSI	Kotacane, Aceh	41.46 278 P	P	12 58 28.1 -1.2
GYA	Guyang	42.49 315 eP	P	12 58 38.4 +0.8
GYA	Guyang	2.0nm,0.9s		
CM01	Chiang Mai Arr	44.48 300 eP	P	12 58 53.2 -0.5
CMAR	Chiang Mai Arr	44.51 300 P	P	12 58 53.5 -0.4
CMAR	Chiang Mai Arr	2.1nm,0.6s,baz=123,slow=6.7,SNR=12		
XAN	Xi'an	46.14 325 P	P	13 00 36.8 -0.1
XAN	Xi'an	comp-Z,14nm,1.3s		
ASAJ	Asahikawa	46.76 4 eP	P	12 59 12.3 +1.0
USA0B	Ussuriysk Arra	47.12 353 eP	P	12 59 13.5 -0.5
USRK	Ussuriysk Ar.	47.12 353 P	P	12 59 13.4 -0.6
CD2	Chengdu	47.25 318 eP	P	12 59 14.8 -0.6
CD2	Chengdu	comp-Z,10.0nm,0.5s		
BJI	Beijing	47.34 336 P	P	12 59 15.5 -0.4
BJI	Beijing	comp-Z,14nm,0.8s		
CN2	Changchun	47.85 347 eP	P	12 59 19.5 -0.2
CN2	Changchun	12 59 31.8 +1.2		
CN2	Changchun	13 06 12.5 -1.7		
MDJ	Mudanjiang	47.85 351 P	P	12 59 15.6 -4.1
MDJ	Mudanjiang	comp-Z,20nm,1.0s		
MDJ	Mudanjiang	comp-Z,16nm,0.6s		
MDJ	Mudanjiang	47.85 351 eP	P	12 59 15.5 -0.2
DCZ	Deep Cove	49.30 154 eP	P	12 59 32.8 +1.9
YZZ	Yuzh-Sakhalins	49.60 4 eP	P	12 59 32.2 -0.9
LTS	Lake Taylor	49.81 148 eP	P	12 59 35.6 +0.7
RPZ	Rata Peaks	49.83 150 P	P	12 59 35.3 +0.3
RPZ	Rata Peaks	1.4nm,0.6s,baz=285,slow=9.4,SNR=14		
RPZ	Rata Peaks	49.83 150 eP	P	12 59 35.2 +0.1
LBZ	Lake Benmore	49.89 151 eP	P	12 59 35.2 -0.3
BKZ	Black Stump Fm	49.90 142 eP	P	12 59 35.6 -0.1
HHC	Hu-ho-hao-te	49.98 333 eP	P	12 59 38.3 +2.0
HHC	Hu-ho-hao-te	comp-Z,21nm,0.8s		
OXZ	Oxford	50.06 149 eP	P	12 59 37.0 +0.2
OXZ	Oxford	10.0nm,0.6s		

KHZ	Kahutara	50.24 147 eP	P	12 59 37.5 -0.6
LZH	Lanzhou	50.54 323 eP	P	12 59 41.3 +0.6
LZH	Lanzhou	comp-Z,43nm,1.2s		
LZH	Lanzhou	50.54 323 eP	P	12 59 41.3 +0.6
LZH	Lanzhou	comp-Z,700nm,5.8s		
LZH	Lanzhou	comp-N,310nm,16.7s		
LZH	Lanzhou	comp-E,310nm,17.0s		
MOZ	McQueen's Vall	50.65 148 eP	P	12 59 41.2 0.0
BFZ	Birch Farm	50.68 143 eP	P	12 59 40.8 -0.7
GTA	Gaotai	55.13 324 P	P	13 00 14.5 0.0
GTA	Gaotai	comp-Z,6.0nm,1.1s		
ULN	Ulanbator	57.52 335 eP	P	13 00 31.9 +0.5
SONM	Songino Array	57.77 335 P	P	13 00 32.9 -0.2
SOA	Songino Array	2.8nm,0.5s,baz=154,slow=7.8,SNR=13		
PEAOB	Petrovskovsk	57.86 13 eP	P	13 00 33.1 -0.1
PETK	Petrovskovsk	57.86 13 eP	P	13 00 33.6 +0.1
PETK	Petrovskovsk	57.86 13 eP	P	13 00 34.0 +0.5
PETK	Petrovskovsk	4.6nm,0.7s,baz=166,slow=6.9,SNR=7.1		
PETK	Petrovskovsk	57.86 13 eP	LR	13 23 48.1
PETK	Petrovskovsk	comp-Z,23nm,20.9s,baz=42,slow=34		
WMQ	Urumqi	65.07 322 P	P	13 00 33.7 +0.2
WMQ	Urumqi	65.07 322 P	P	13 01 22.8 +0.3
WMQ	Urumqi	comp-Z,46nm,0.9s		
WMQ	Urumqi	comp-Z,310nm,5.5s		
WMQ	Urumqi	comp-N,200nm,19.9s		
WMQ	Urumqi	comp-E,220nm,20.5s		
CASY	Casey	66.47 192 eP	P	13 01 31.2 +0.3
MK01	Makanchi Array	69.83 322 eP	P	13 01 52.2 -0.3
MK31	Makanchi Array	69.85 322 eP	P	13 01 52.2 -0.3
MK31	Makanchi Array	69.85 322 P	P	13 01 52.2 -0.4
MKAR	Makanchi Array	69.85 322 eP	P	13 01 52.3 -0.3
MAR	Makanchi Array	16nm,0.7s,baz=112,slow=8.0,SNR=8.1		
MAKZ	Makanchi	70.05 322 eP	P	13 01 53.5 -0.4
KSH	Kashi	71.15 313 P	P	13 02 02.0 +1.2
KSH	Kashi	comp-Z,36nm,1.2s		
KSH	Kashi	comp-Z,260nm,4.8s		
KSH	Kashi	comp-N,170nm,5.8s		
KSH	Kashi	comp-E,120nm,10.0s		
NRN	Naryn	71.80 315 eP	P	13 02 04.5 -0.5
ZAAO	Zalesovo Array	71.99 330 eP	P	13 02 03.7 -1.7
ZALV	Zalesovo Beam	71.99 330 eP	P	13 02 03.6 -1.8
UNV	Unalakula Valle	72.31 31 eP	P	13 02 06.5 -0.8
KZA	Kyzart	72.55 316 P	P	13 02 09.9 +0.4
TKM2	Tokmak 2	72.61 317 P	P	13 02 09.3 -0.4
AKUT	Akutan	72.83 30 eP	P	13 02 09.7 -0.7
UCH	Uchen	73.12 316 P	P	13 02 13.1 +0.1
USP	Ospenovka	73.48 317 P	P	13 02 14.2 -0.4
AML	Almayashu	73.66 315 P	P	13 02 16.1 0.0
KURK	Kurchatov	73.78 325 eP	P	13 02 14.9 -1.1
VNDA	Vandana	75.75 175 eP	P	13 02 27.1 0.0
KK31	Karatay Array	76.20 316 eP	P	13 02 29.5 -0.8
KKAR	Karatay Array	76.20 316 eP	P	13 02 29.5 -0.8
SBA	Scott Base	76.52 174 eP	P	13 02 32.6 +1.2
BRVK	Borovoye	79.44 325 eP	P	13 02 47.3 -0.7
KDAD	Kodiak Island	81.08 30 eP	P	13 02 56.3 -0.4
MAW	Mawson	82.13 202 P	P	13 03 02.2 +0.1
MAW	Mawson	8.7nm,0.8s,baz=80,slow=8.5,SNR=2.0		
PPLA	Purkeypile	83.01 26 eP	P	13 03 06.3 -0.7
SUA	Susitna One	83.18 27 eP	P	13 03 04.9 -3.0
CAST	Castle Rocks	83.23 25 eP	P	13 03 07.3 -0.7
IM3	Indian Moutai	83.48 22 eP	P	13 03 08.6 -0.6
BPWA	Bear Paw Mtn.	83.92 25 eP	P	13 03 10.0 -1.5
PMR	Palmer	83.95 27 eP	P	13 03 10.3 -1.3
GEYT	Alibek	84.31 308 P	P	13 03 12.8 -1.3
MCK	McKinley	84.67 25 eP	P	13 03 14.9 -0.4
ABKAR	Abkarak Array	84.78 320 eP	P	13 03 14.7 -1.5
SCM	Sheep Creek Mo	84.84 27 eP	P	13 03 15.2 -1.1
COLD	Coldfoot	85.24 22 eP	P	13 03 18.0 -0.1
DIV	Divide	85.39 28 eP	P	13 03 18.5 -0.5
KLU	Klutina	85.41 28 eP	P	13 03 18.9 -0.2
CCB	Cape Creek Bu	85.41 24 eP	P	13 03 17.3 -1.6
IL1	Eielson Array	85.82 24 eP	P	13 03 18.7 -2.3
ILAR	Eielson Array	85.82 24 eP	P	13 03 18.8 -2.2
ILB	Eielson Array	85.82 24 eP	P	13 03 18.8 -2.2
BMRM	Bremner River	85.90 28 eP	P	13 03 20.9 -0.6
TOLK	Toolik Lake Re	85.92 20 eP	P	13 03 21.6 +0.1
RIDG	Independ'ent' Rid	86.43 26 eP	P	13 03 23.1 -1.0
ARU	Aruti	86.85 327 eP	P	13 03 24.3 -1.9
BALM	Baldy	86.99 29 eP	P	13 03 26.6 -0.4
EGAK	Eagle	88.22 25 eP	P	13 03 32.2 -0.4
DAWY	Dawson	88.86 26 eP	P	13 03 35.6 -0.1
SYO	Syowa Base	90.77 2011 eP	P	13 03 43.8 -0.7
DLBC	Dease Lake	90.93 32 eP	P	13 03 53.9 -0.9
ARCS	ARCSS Array B	100.55 341 P	Pdf	13 04 26.1 -2.9
GERES	GERES Array B	114.51 324 PKP	PKP	13 09 20.2 -1.7
TX31	Lajitas Ar. Si	115.24 59 eP	PKP	13 09 22.5 -1.5
TXAR	Lajitas Ar. Si	115.24 59 PKP	PKP	13 09 22.4 -1.6
TUE	Stuetta	118.21 323 eP	PKP	13 09 28.7 -0.7
JCT	Junction City	118.25 57 eP	PKP	13 09 28.7 -1.0

S39A	Bolivar	121.03 47 eP	PKP	13 09 32.6 -2.2
HHAR	Hobbs	121.11 49 eP	PKP	13 09 32.3 -1.8
MIAR	Mount Ida	122.02 50 eP	PKP	13 09 36.3 -0.4
V40A	Witch Springs	122.13 49 eP	PKP	13 09 36.0 -0.9
P42A	Winchester	122.35 44 eP	PKP	13 09 35.5 -1.9
WHAR	Wonglow	122.73 49 eP	PKP	13 09 36.0 -1.3
W41B	Gary Mavity, V	122.80 49 eP	PKP	13 09 36.6 -1.6
OLIL	Olney	123.40 44 eP	PKP	13 09 39.7 -1.2
VLD0	Val d'Or	125.10 29 eP	PKP	13 09 39.6 -2.6
WWT	Waverly	125.68 46 eP	PKP	13 09 41.8 -1.9
WYCA	Wyandotte Cave	125.78 43 eP	PKP	13 09 42.0 -1.8
T49A	Tanana	126.86 44 eP	PKP	13 09 44.7 -1.3
Y49A	Blunt Mountain	127.73 48 eP	PKP	13 09 46.1 -1.6
W50A	Signal Mountain	127.93 44 eP	PKP	13 09 46.8 -1.3
TZTN	Tazewell	128.51 46 eP	PKP	13 09 48.0 -1.1
TKL	Tuckaleechee C	128.80 45 eP	PKP	13 09 48.5

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like FINES, DPC, VRAC, PECO, OKC, PLVO, BANO, DELO, LANS, VYHS, KLEB, MEDO, TRPA, O56A, O56A, DRGR, BUR0, BUR0, BUR0, BUR0, KEST, KIEV, AKASG, AKASG, AKBB, EYMN, O52A, VOIR, ACSO, ACSO, N49A, N49A, ULM, E38A, MLR, O50A, PLOA, VRI, N48A, O49A, O49A, F38A, P50A, O48A, P49A, N46A, CFR, O47A, SPMN, YKA, YKA, P48A, S52A, N45A, SFIN, SFIN, R50A, S51A, S51A, P47A, L42A, Q48A, O45A, T51A, S49A, P45A, P45A, TZTN, U52A, HDIL, HDIL, WCI, WCI, R47A, V53A, O43A, T50A, U51A, L39A, S48A, P44A, V52A, T49A, T49A, J36A, J36A, K37A, W53A.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BG3, V51A, T48A, USIN, Q44A, U49A, O41A, S46A, P42A, P42A, CPCT, X53A, Q43A, V50A, T47A, U47A, U48A, R44A, P41A, W51A, ECSD, ECSD, S45A, V49A, T46A, Q42A, INK, INK, W50A, W50A, U47A, R43A, Y53A, SIUC, S44A, SWET, Q41A, GOGA, GOGA, DGMT, DGMT, W49A, Z53A, FVM, WVT, WVT, V47A, S43A, P39B, R41A, W48A, S42A, V46A, X49A, Z52A, W47A, T43A, X48A, X48A, PBMO, S41A, Y49A, Y49A, T42A, T42A, X47A, Y48A, T41A, Z49A, Z52A, X46A, U42A, R38A, Y47A, T40A, S39A, U50A, Z51A, LRAL, LRAL, Z48A, U41A, U41A, OXF, OXF.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like V42A, 149A, Z47A, U40A, 148A, V41A, Y45A, BR101, BRTR, BRTR, T38A, U39A, V43A, V40A, V40A, WHAR, 248A, W41B, W41B, V39A, 349A, TOLK, TOLK, NRIK, W39A, W39A, WYU, W39A, X40A, X40A, DAWY, 347A, MIAR, MIAR, Z42A, X39A, COLD, KBZ, KBZ, Z41A, Z41A, BOZ, BOZ, IL1, ILAR, ILAR, ILAR, QLMT, N23A, N23A, NEW, IM3, PD31, PDAR, PDAR, BW06, BW06, FXWY, AKH, ISCO, ISCO, MCMT, TPWA, REDW, WMOK, WMOK, Q24A, DHAK, O20A, O20A, SMCO, T25A, T25A, SDCO, AMTX, AMTX, HLID, S22A, BMO, ABKAR, ABTX, HKT, JLU, TOA1, TOA0, TOA0, TOA0, TOR, TOR, PV12.

PV02	Paradox Valley	51.75 283 eP	P	13 00 10.1 -0.2
PV16	Nyngwong Mesa	51.76 283 eP	P	13 00 10.9 +0.5
PV03	Paradox Valley	51.77 283 eP	P	13 00 10.7 +0.3
PV17	East Wray Mesa	51.81 283 eP	P	13 00 09.1 -1.6
PV18	Skein Mesa, Pa	51.81 283 eP	P	13 00 10.5 -0.2
PV13	Radium Mtn., P	51.83 283 eP	P	13 00 10.6 -0.3
P17A	Butcher Ranch,	51.83 285 eP	P	13 00 12.0 +1.2
MPU	Maple Canyon	51.88 286 eP	P	13 00 10.9 -0.3
SRU	San Rafael Swe	51.99 285 eP	P	13 00 12.2 +0.2
TMUT	Trail Mountain	52.20 285 eP	P	13 00 13.5 -0.2
DUG	Dugway, Toeole	52.35 287 eP	P	13 00 14.8 +0.2
DUG	Dugway, Toeole	52.35 287 P	P	13 00 13.8 -0.8
MVCO	Mesa Verde	52.38 282 P	P	13 00 15.0 +0.1
J08A	Circle Bar Ran	52.80 294 eP	P	13 00 16.9 -1.0
JCT	Junco City	52.97 269 eP	P	13 00 18.0 -1.1
JCT	Junco City	52.97 269 P	P	13 00 18.7 -0.4
ANMO	Albuquerque	53.03 278 P	P	13 00 19.3 -0.4
MSU	Marysvale	53.29 285 eP	P	13 00 22.0 +0.3
WVOR	Wild Horse Val	53.57 293 eP	P	13 00 23.1 -0.4
GD12	Guadalupe Moun	54.05 274 eP	P	13 00 26.8 -0.3
PSUT	Pine Spring	54.13 287 eP	P	13 00 28.0 +0.1
J05D	Fort Rock, OR	54.19 296 P	P	13 00 27.6 -0.5
KNB	Kanab	54.76 285 eP	P	13 00 31.5 -0.9
MOD	Modoc Plateau	54.78 294 eP	P	13 00 31.6 -0.9
U15A	North Rim	54.94 284 eP	P	13 00 32.5 -1.3
MNTX	Cornudas Mount	54.98 275 P	P	13 00 32.5 -1.3
LCMT	Little Creek M	54.98 285 eP	P	13 00 34.4 +0.5
R11A	Troy Canyon, C	55.15 288 eP	P	13 00 35.5 +0.3
R11A	Troy Canyon, C	55.15 288 P	P	13 00 33.5 -1.7
WUAZ	Wupatki	55.16 283 eP	P	13 00 35.2 -0.1
WUAZ	Wupatki	55.16 283 P	P	13 00 33.6 -1.7
DBIC	Dimbokro	55.47 146 LR	LR	13 21 29.6
121A	Cookes Peak, D	55.59 277 P	P	13 00 36.9 -1.6
KVN	Kaiserville	55.88 290 eP	P	13 00 40.0 -0.4
LTX	Lajitas	55.92 272 eP	P	13 00 40.1 -0.7
TX31	Lajitas Ar. Si	55.92 272 eP	P	13 00 41.8 +1.1
TXAR	Lajitas Array	55.92 272 eP	P	13 00 40.1 -0.7
TXAR	Lajitas Array	55.92 272 LR	LR	13 23 53.2
PAHR	Pah Rah Range	56.01 292 eP	P	13 00 41.6 +0.3
X16A	Lo Mia Camp, P	56.05 282 eP	P	13 00 42.2 +0.5
SHPR	Sheep Range	56.35 286 eP	P	13 00 43.1 -0.7
RYN	Ryan	56.41 290 eP	P	13 00 44.1 -0.0
NV01	Mina Array Sit	56.45 290 eP	P	13 00 43.6 -0.9
NVAR	Mina Array Bea	56.45 290 eP	P	13 00 43.6 -1.0
NVAR	Mina Array Bea	56.45 290 LR	LR	13 23 45.5
003D	Paynes Creek	56.74 294 P	P	13 00 45.5 -1.0
ZALV	Zalesovo Beam	57.29 39 LR	LR	13 25 38.6
319A	Douglas	57.29 278 eP	P	13 00 51.0 +0.6
TUC	Tucson	57.34 280 eP	P	13 00 50.7 -0.1
AFDM	Forest Hills D	57.38 292 eP	P	13 00 51.0 +0.2
SHOC	Shoshone, Tec	57.39 287 P	P	13 00 49.9 -1.0
KURK	Kurchatov	57.74 45 eP	P	13 00 53.3 +0.1
DAC	Darwin (Calif)	57.76 288 eP	P	13 00 53.5 -0.4
GSCD	Goldstone, Bar	58.12 286 P	P	13 00 55.6 -0.7
113A	Mohawk Valley,	58.54 282 eP	P	13 00 59.4 +0.3
BEL0	Belle Mtn. Jos	58.73 285 P	P	13 01 00.5 0.0
GLA	Glamis	58.87 283 eP	P	13 01 01.5 +0.1
GLA	Glamis	58.87 283 P	P	13 01 00.9 -0.5
GEYT	Alibek	58.92 67 LR	LR	13 27 03.7
EDW2	Edwards Air Fo	59.06 287 P	P	13 01 02.1 -0.6
XPFO	Piaon Flat	59.27 285 eP	P	13 01 05.2 +0.9
PFO	Pinyon Flats O	59.27 285 eP	P	13 01 04.6 +0.3
PFO	Pinyon Flats O	59.27 285 P	P	13 01 03.6 -0.7
FRD	Ford Ranch, An	59.44 285 P	P	13 01 04.0 -1.4
ZAIG	Zacatecas	60.61 266 eP	P	13 01 14.3 +0.5
MK31	Makanchi Array	62.35 45 eP	P	13 01 24.3 -0.6
MK32	Makanchi Array	62.35 45 eP	P	13 01 24.5 -0.4
MKAR	Makanchi Array	62.35 45 eP	P	13 01 24.5 -0.4
MKAR	Makanchi Array	62.35 45 LR	LR	13 26 46.6
MKAR	Makanchi Array	62.35 45 P	P	13 01 24.4 -0.5
ROSC	El Rosal	62.36 229 LR	LR	13 29 41.2
MK01	Makanchi Array	62.37 45 eP	P	13 01 24.5 -0.6
H101	ASCENSION HYDR68	28 161 T	T	14 16 00.4
H103	ASCENSION HYDR68	29 161 T	T	14 15 57.7
H102	ASCENSION HYDR68	30 161 T	T	14 16 06.4
S0NA0	Songio Array	69.07 29 eP	P	13 02 07.9 -0.5
S0NM1	Songio Array	69.07 29 P	P	13 02 07.9 -0.5
S0NM1	Songio Array	69.07 29 LR	LR	13 34 27.9
SAML	Samuel	71.38 212 eP	P	13 03 22.3 -0.3
BDFB	Brasilia	74.58 196 LR	LR	13 29 51.7
ATAH	Atahualpa	74.58 196 LR	LR	13 32 53.0
MBAR	Mbarara	76.52 114 eP	P	13 02 51.9 -1.1
NNA	Nana	78.74 225 LR	LR	13 37 32.7
LPAZ	La Paz	79.27 215 P	P	13 03 09.9 -1.6
KMBO	Kilima Mbogo	80.21 108 LR	LR	13 40 18.8
KSRS	Korea Array	83.39 16 LR	LR	13 42 17.2
CPUP	Villa Florida	86.26 202 P	P	13 03 44.3 -1.7
CPUP	Villa Florida	86.26 202 LR	LR	13 37 38.9
CMAR	Chiang Mai Arr	93.75 46 LR	LR	13 48 45.2

BOSA	Boshof	98.75 131 LR	LR	13 48 34.7
COCO	West Island	120.33 62 ePKPdf	PKPdf	13 09 56.3 +2.5
CRZF	Crozet Islands	125.00 123 ePKPdf	PKPdf	13 10 03.9 +2.0
SNAA	Sanac	131.05 156 ePKPdf	PKPdf	13 10 12.9 +0.1
WF1	Warramunga Arr	140.67 20 ePKPdf	PKPdf	13 10 33.9 +1.4
WRA	Warramunga Arr	140.67 20 PKHkP	PKPpre	13 10 27.8
WRA	Warramunga Arr	140.67 20 PKHkP	PKP	13 10 33.6 +1.4
ASAR	Alice Springs	144.21 22 PKP	PKPab	13 10 35.5 -0.6
AS01	Alice Springs	144.22 22 ePKPdf	PKPab	13 10 35.9 -0.3
QSPA	South Pole Qui	147.96 180 ePKPdf	PKPbc	13 10 45.9 -0.6

ISCJB 16 12:53:40.9.0.6.42:68N.0:04:75:70E:0:04,h0km, Error ellipse: s-maj=5.6km s-min=4.2km az=152.5

SOME 16 12:53:40.7.42:70N:75:68E,h0km,mb2.8,mpv2.6, Error ellipse: s-maj=4.4km s-min=3.3km az=149.0, Suspected Mining explosion.

KNET 16 12:53:41.1.0.3.42:69N:75:64E,h8km,5km,m1.4, Error ellipse: s-maj=2.3km s-min=1.8km az=105.0

ISC 16 12:53:40.2.1.0.42:64N.0:04:75:74E:0:04,h0km,n14, 0:05:42.1,18C-4D,Lake Issyk-Kul region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s I SC
TKM2	Tokmak 2	0.30 340	↑P	ISC	12 53 45.7 -0.3
TKM2	Tokmak 2	0.30 340	↑P	Sg	12 53 49.6 -0.3
TKM2	Tokmak 2	0.30 340	↑P	Pg	12 53 45.9 -0.1
TKM2	Tokmak 2	0.30 340	↑P	Sb	12 53 50.0 +0.1
ULHL	Uhaloh	0.54 136	↑P	Pg	12 53 52.5 -0.2
KBK	Karagaybulak	0.58 272	↑P	Pg	12 53 51.7 +0.3
KBK	Karagaybulak	0.58 272	↑P	Sg	12 54 00.0 +1.1
KZA	Kyzart	0.67 213	↑P	Pb	12 53 54.4 -0.5
KZA	Kyzart	0.67 213	↑P	Sb	12 54 04.8 -0.1
AAK	Ala-Archa	0.92 270	↑P	Tb	12 53 57.6 -0.2
AAK	Ala-Archa	0.92 270	↑P	Sg	12 54 09.7 0.0
AAK	Ala-Archa	0.92 270	↑P	Pg	12 53 57.6 -0.2
AAK	Ala-Archa	0.92 270	↑P	Sb	12 54 09.7 0.0
UCH	Uchtor	1.00 246	↑P	Pg	12 53 59.3 +0.1
MDOk	Medeo	1.09 61	P	Pb	12 54 01.8 -0.3
MDOk	Medeo	1.09 61	P	Sb	12 54 17.3 +0.3
EKS2	Erkin-Say	1.45 272	↑P	Pn	12 54 07.8 0.0
AML	Alamyashu	1.60 252	↑P	Pn	12 54 10.3 +0.2
MNAS	Manas	2.04 267	↑Pn	Pb	12 54 23.3 -1.0
MNAS	Manas	2.04 267	↑Lg	Lg	12 54 55.5
PDGK	Podgornoye	2.84 75	↑Pn	Pb	12 54 31.8 0.0
PDGK	Podgornoye	2.84 75	↑Lg	Lg	12 55 12.7
KK31	Kararay Array	3.87 279	↑P	Pg	12 54 50.0 +0.6
KK31	Kararay Array	3.87 279	↑Lg	Lg	12 55 39.7

IDC 16 13:02:49.3.2.5.18:40S:174:60W,h78km,22km,mb4.9/28, mb1.4/9.30,mb1mx4.9/36,mbmp5.2/30,MS3.5/7, S-min:3.5/7,ms1mx3/3/31, Error ellipse: s-maj=13.0km s-min=10.1km az=150.0

MOS 16 13:02:51.2.2.1.17.98S:174:84W,h86km,mb5.1/22, Error ellipse: s-maj=9.5km s-min=8.1km az=53.2

ISCJB 16 13:02:52.0.0.1.18:37S:0:02:174:73W:0:03,h124km, mb5.0/143, Error ellipse: s-maj=4.5km s-min=2.5km az=40.6

NEIC 16 13:02:53.0.0.1.18:45S:174:66W,mb5.0/103, Error ellipse: s-maj=5.1km s-min=2.8km az=143.0

WEL 16 13:02:53.0.18:45S:174:66W,h125km

BUI 16 13:02:54.9.17:70S:174:84W,h113km,mb5.1/32, mb5.3/10

GCMT 16 13:02:56.0.0.3.18:37S:0:03:174:23W:0:02, h142km,3km,MW4.9/88, Moment Tensor Solution. s31,c32; s88,c111; Duration: 0 Moment tensor: Scale 1016Nm; M₁-1.58±.14; M₂0.64±.21; M₃0.94±.22; M₄0.12±.12; M₅0.02±.13; M₆0.29±.11; Best double couple: M3.24900±0.1016 N P1±0.356.00000±.078.00000±. 1.86.00000±. NP2±0.158.00000±.012.00000±. 1.107.00000±. Principal axes: T 2.9420, P1g33.0000±. Azm83.0000±; N 0.6000, P14.0000±, Azm175.0000±; P 3.5550, P1g56.0000±, Azm270.0000±; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 16 13:02:53.6.0.4.18:56S:0:05:174:56W:0:05, h123km,3km,h124km;P-P,mb634,σ1±16714,mb5.0/142, 38C-17D, Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s I SC
NIUE	Niue	4.42 97	Op	ISC	13 03 55.1 -3.7
AFI	Afiatama	5.34 30	P	Pn	13 04 04.0 -7.3
AFI	Afiatama	5.34 30	P	S	13 04 55.8 -1.6
AFI	Afiatama	5.34 30	ePn	S	13 04 03.6 -7.7
AFI	Afiatama	5.34 30	ePn	S	13 04 55.9 -1.6
GLKZ	Green Lake	11.08 195	S	Sn	13 07 28.0 -2.5
RAR	Rarotonga	14.16 103	P	Sn	13 06 07.5 -1.1
RAR	Rarotonga	14.16 103	P	S	13 08 33.9 -1.1
RAR	Rarotonga	14.16 103	ePn	LR	13 10 26.1
RAR	Rarotonga	14.16 103	ePn	Pn	13 06 08.0 -0.6
RAR	Rarotonga	14.16 103	ePn	S	13 08 34.0 -1.1
RAR	Rarotonga	14.16 103	ePn	Pn	13 06 29.9 -1.1
DZM	Mont Dzumac	18.15 256	P	Pn	13 06 59.3 +1.4
DZM	Mont Dzumac	18.15 256	eP	Pn	13 06 59.5 +1.6
DZM	Mont Dzumac	18.15 256	P	LR	13 11 21.6
DZM	Mont Dzumac	18.15 256	eP	Pn	13 06 57.9 0.0
Ouz	Omahuta	19.64 210	eP	Pn	13 07 14.6 -0.5
Ouz	Omahuta	19.64 210	eP	Pn	13 07 14.7 -0.4
WMGZ	Waioamatini S	20.15 196	P	Pn	13 07 22.0 +1.0
HAZ	Te Kaha	20.26 198	P	P	13 07 21.5 -0.9
HAZ	Te Kaha	20.26 198	P	S	13 11 01.0 +1.3
PKZ	Pakihiroa	20.30 197	P	Pn	13 07 23.9 +0.9
PUZ	Puketitiri	20.43 196	P	S	13 07 23.5 -0.9
PUZ	Puketitiri	20.43 196	P	S	13 10 58.8 -4.2
RUGZ	Raukumara Rang	20.49 198	P	Pn	13 07 24.4 -0.7
TGWZ	Tauwhareparea	20.60 197	P	P	13 07 26.5 +0.1
TGWZ	Tauwhareparea	20.60 197	P	Pn	13 07 27.7 0.0
TRGZ	Tauranga	20.72 201	P	Pn	13 07 27.1 0.0
OPWZ	Ohinepanea	20.72 200	P	Pn	13 07 27.4 -0.4
MPRZ	Matawai	20.87 198	P	Pn	13 07 29.2 -0.4
TKGZ	Te Karaka	20.88 197	P	Pn	13 07 27.6 +1.8
EDRZ	Edgecumbe	20.90 200	P	Pn	13 07 28.7 -1.3
URZ	Urewera	20.93 199	P	P	13 07 27.7 +1.4
URZ	Urewera	20.93 199	S	S	13 11 08.4 -4.3
URZ	Urewera	20.93 199	eP	Pn	13 07 27.6 +1.2

URZ	Urewera	20.93 199	P	S	13 11 08.4 -4.3
URZ	Urewera	20.93 199	P	P	13 07 27.9 +1.6
KMRZ	Kaimai	20.93 201	P	Pn	13 07 30.2 -0.1
TOZ	Taharoa Road	20.98 202	P	P	13 07 30.0 +3.1
KARZ	Kaharoa	20.98 201	P	P	13 07 30.3 +3.2
ORZ	Ohau	21.02 200	P	P	13 07 34.0 +3.4
UTU	Utuhia	21.14 201	P	P	13 07 33.7 +4.9
RIGZ	Rimuahu	21.15 197	P	P	13 07 31.5 +2.7
RRRZ	Republican Roa	21.19 200	P	P	13 07 32.7 +3.5
MUGZ	Murupara	21.23 199	P	P	13 07 31.8 +2.1
HSRZ	Hossack Road	21.25 200	P	P	13 07 34.3 +3.5
HRZ	Hundredok Road	21.31 200	P	P	13 07 34.0 +3.4
PRZ	Paritua Road	21.32 196	P	P	13 07 34.8 +4.1
SNGZ	Shannon Statio	21.34 198	P	P	13 07 33.9 +3.0
PRRZ	Plateau Road	21			

16d 13h

2012 SEP

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like CMB Columbia Colle, CISI Cisnet, AFDM Forest Hills D, LRMCM Laurel Mtn Rad, etc.

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like F05D White Salmon, CCUT Cedar City, CCUT Kanab, etc.

Table with columns: IKAZ, comp, Z, Az, Op, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like Negar Kerman, Muzes, Kerman, etc.

IDC 16 13:45:44.8; 1.4, 2.5; 49N; 122.94E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.4/37, mbtm3.5/4, ML3.8/1, Error ellipse: s-maj=66.4km s-min=25.5km az=71.0

JMA 16 13:46:06.7; 0.4, 2.6; 40N; 124.26E, h198km, M4.0, ISC 16 13:46:05.2; 0.9, 2.6; 33N; 124.42E, h0km, mb3.3/3, s-min=4.6km az=127.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like Ikemajima, Tarama, Miyako jima, etc.

UCR 16 14:05:58.1; 3.9; 22N; 85.37W, h21km, 6km, MD3.9, ML3.2, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like Vista de Mar, JuntasAbangare, Quepos, etc.

Table with columns: MATN, eS, Sb, 14 07 44.6 -3.9. Includes station names like IDC 16 14:06:21.4; 4.6, 14; 18N; 93.55E, h0km, mb3.6/4, etc.

MAN 16 14:15:24.5; 12.86N; 125.94E, h5km, mb4.6, ML3.5, MS3.4, IDC 16 14:15:28.6; 2.3, 12.25N; 124.75E, h0km, mb3.5/4, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like CNP, BESP, PLP, etc.

IDC 16 14:20:06.7; 1.4, 5.8; 20N; 32.93W, h0km, mb3.5/4, mb1 3.9/4, mb1mx3.4/42, mbtm3.5/4, Error ellipse: s-maj=82.8km s-min=26.6km az=39.0, Reykjanes Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like ILAR, PDAR, TORD, etc.

ISC 16 14:30:04.0; 0.1, 5.8; 18N; 0.04; 32.31W; 0.04, h14km, mb4.5/129, MS4.4/53, Error ellipse: s-maj=5.7km s-min=2.7km az=179.0

IDC 16 14:30:03.4; 0.5, 5.8; 09N; 32.34W, h0km, mb4.1/26, mb1 4.2/28, mb1mx4.1/55, mbtm3.4/128, ML3.8/2, MS4.4/46, etc.

BUJ 16 14:04:04.5; 58.73N; 32.17W, h3km, mb4.7/11, NEIC 16 14:04:04.8; 0.1, 5.8; 09N; 32.24W, h10km, mb4.7/98, Error ellipse: s-maj=5.0km s-min=2.6km az=177.0

GCMT 16 14:10:05.0; 0.2, 5.8; 18N; 0.02; 32.11W; 0.02, h13km, MW5.1/114, Moment Tensor Solution. s42; 053; s114; c191; Duration: 0. Moment tensor: Scale 10^16Nm; Mb=6.43; 29; Mw=0.69; 17; Mw=5.74; 19; Mw=0.74; 53; Mw=1.73; 11; Mw=0.47; 41; Best double couple: Mw=6.4100x10^16 Np1=0.100000; 0.647.00000; lambda=100.00000; Np2=0.204.00000; 0.844.00000; lambda=200.00000; Principal axes: T 6.280; Azm17.0000; Azm107.0000; N 0.2570; P1g7.0000; Azm17.0000; P -6.5410; P1g83.0000; Azm205.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 16 14:30:05.0; 0.4, 5.8; 17N; 0.08; 32.34W; 0.06, h14km, n382, o582/335, mb4.6/130, MS4.4/53, 7C-5D, Reykjanes Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like ANGG, BORG, BORG, etc.

Table with columns: LIS, comp, Z, Az, Op, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like PMTG, PMRV, PESTR, etc.

U52A	Thorn Hill	39.66 259	P	P	14 37 37.8 +1.1
WCI	Wyandotte Cave	39.81 264	eP	P	14 37 38.2 +0.3
WCI	Wyandotte Cave	39.81 264	P	P	14 37 38.5 +0.6
R47A	Woolly Knot Far	39.88 264	P	P	14 37 38.8 +0.2
V53A	Saluda	39.92 258	P	P	14 37 38.5 -0.5
T50A	Nancy	39.95 261	P	P	14 37 38.8 -0.3
U51A	La Follette	40.01 260	P	P	14 37 40.2 +0.5
L39A	Vinton	40.02 273	P	P	14 37 39.8 +0.2
S48A	Wiedeman Farm,	40.11 263	P	P	14 37 40.9 +0.5
P44A	Sand Creek, Wi	40.13 267	P	P	14 37 41.8 +0.2
T49A	Edmonton	40.25 262	eP	P	14 37 41.8 +0.2
T49A	Edmonton	40.25 262	P	P	14 37 41.8 +0.2
TKL	Tuckaleechee C	40.43 259	LR	LR	14 53 23.9
K37A	Belmond	40.44 275	P	P	14 37 43.3 +0.2
BG3	Lake Jocassee	40.51 258	eP	P	14 37 44.7 +0.9
V51A	Loudon	40.62 260	eP	P	14 37 46.1 +1.4
V51A	Loudon	40.62 260	P	P	14 37 45.1 +0.4
T48A	Bowling Green	40.70 263	P	P	14 37 45.4 +0.1
Q44A	Meyer Farm, Va	40.75 267	P	P	14 37 45.9 +0.1
R45A	Skyler, Fairir	40.81 266	P	P	14 37 46.6 +0.3
U49A	Red Boiling Sp	40.83 262	P	P	14 37 46.9 +0.5
S46A	Don Dixon Farm	40.97 265	P	P	14 37 47.8 +0.3
CPCT	Cooper Cave	40.98 260	eP	P	14 37 49.0 +1.3
V50A	Pikeville	41.11 260	P	P	14 37 49.0 +0.2
T47A	Sharon Grove	41.17 264	eP	P	14 37 50.1 +1.0
T47A	Sharon Grove	41.17 264	P	P	14 37 49.3 +0.1
U48A	Cassie Pea, Po	41.23 263	P	P	14 37 50.0 +0.3
Y54A	Tignall	41.26 256	P	P	14 37 50.2 +0.2
R44A	Waltonville	41.27 267	P	P	14 37 50.2 +0.2
P41A	Barry, Barry	41.27 270	P	P	14 37 50.2 +0.2
X52A	Dahlonega	41.31 258	P	P	14 37 50.9 +0.5
W51A	Cleveland	41.33 260	P	P	14 37 50.9 +0.3
ECSD	EROS Data Cent	41.33 279	eP	P	14 37 51.0 +0.5
ECSD	EROS Data Cent	41.33 279	P	P	14 37 50.5 0.0
V49A	McMinnville	41.46 261	P	P	14 37 52.0 +0.4
INK	Inuvik	41.49 327	P	P	14 37 51.9 +0.4
INK	Inuvik	41.49 327	eP	P	14 37 51.1 -0.4
W50A	Signal Mountai	41.58 260	eP	P	14 37 53.7 +1.0
W50A	Signal Mountai	41.58 260	P	P	14 37 54.0 +1.3
U47A	Clarksville	41.67 263	P	P	14 37 54.0 +0.6
R43A	Red Bud	41.70 267	P	P	14 37 53.7 +0.2
Y53A	Monroe	41.73 257	P	P	14 37 54.8 +0.9
S44A	Carbondale	41.77 266	P	P	14 37 54.5 +0.4
X51A	Calhoun	41.84 259	P	P	14 37 56.0 +1.3
Q41A	Truxton	41.89 269	P	P	14 37 55.5 +0.4
SWET	Swansea	41.91 261	eP	P	14 37 56.1 +0.9
V48A	Smith Brothers	41.96 262	eP	P	14 37 56.6 +0.9
V48A	Smith Brothers	41.96 262	P	P	14 37 56.0 +0.3
Y52A	Liburn	41.97 258	P	P	14 37 57.0 +1.2
GOGA	Godfrey	42.02 257	eP	P	14 37 56.3 +0.1
GOGA	Godfrey	42.02 257	P	P	14 37 55.9 -0.3
W49A	Belvidere	42.14 261	P	P	14 37 57.8 +0.6
Z53A	Monticello	42.17 257	P	P	14 37 58.6 +1.2
WVT	Waverly	42.20 263	eP	P	14 37 57.8 +0.1
WVT	Waverly	42.20 263	P	P	14 37 57.2 -0.4
V47A	Nunnally	42.26 263	P	P	14 37 58.2 0.0
S43A	Fulton Ridge,	42.30 267	P	P	14 37 58.7 +0.2
P39B	Salisbury	42.30 271	P	P	14 37 59.2 +0.7
R41A	Rosebud	42.45 269	P	P	14 37 59.5 -0.2
W48A	Pulaski	42.48 262	P	P	14 38 00.1 +0.2
S42A	Caledonia	42.53 268	P	P	14 38 01.0 +0.6
V46A	Holladay	42.60 263	P	P	14 38 01.1 +0.3
X49A	Woodville	42.64 260	P	P	14 38 01.3 +0.1
Z52A	Williamson	42.68 257	P	P	14 38 01.7 +0.1
W47A	Westpoint	42.74 262	P	P	14 38 01.5 -0.5
Q39A	Willow Grove F	42.74 271	P	P	14 38 01.6 -0.5
T43A	Greenville	42.77 266	P	P	14 38 02.6 +0.3
Y50A	Piedmont	42.82 259	P	P	14 38 03.6 +0.9
X48A	Hartselle	43.07 261	eP	P	14 38 04.6 -0.1
X48A	Hartselle	43.07 261	P	P	14 38 04.4 -0.3
PBMO	Poplar Bluff	43.08 266	eP	P	14 38 05.0 +0.2
S41A	Jilco Farms,	43.17 268	P	P	14 38 05.6 0.0
Y49A	Blount Mountai	43.20 260	eP	P	14 38 06.5 +0.7
Y49A	Blount Mountai	43.20 260	P	P	14 38 05.5 -0.3
PLAL	Pickwick Lake	43.20 262	eP	P	14 38 06.0 +0.2
T42A	Van Buren	43.24 267	P	P	14 38 06.2 +0.1
X47A	Russelville	43.44 262	P	P	14 38 07.8 +0.1
Y48A	Jasper	43.55 261	P	P	14 38 08.0 -0.6
T41A	Mountain View	43.59 268	P	P	14 38 08.8 -0.1
Z49A	Columbiana	43.77 259	P	P	14 38 10.7 +0.2
Z52A	Lumpkin	43.79 257	P	P	14 38 10.7 +0.1
A6A	Booneville	43.83 263	P	P	14 38 10.7 +0.1
U42A	Reviden	43.83 267	P	P	14 38 11.0 +0.2
R38A	Fenwick Farm,	43.87 271	P	P	14 38 11.0 -0.1
T40A	Manfield	43.91 268	P	P	14 38 11.9 +0.4
Y47A	UCPARC, Winfie	43.91 261	P	P	14 38 11.4 -0.2
S39A	Bolivar	43.93 270	eP	P	14 38 11.8 +0.2
S39A	Bolivar	43.93 270	P	P	14 38 11.4 -0.2
150A	Eclectic	43.97 258	P	P	14 38 11.9 -0.2
251A	Midway	44.06 257	P	P	14 38 12.3 -0.4
LRAL	Lakeview Retre	44.14 260	eP	P	14 38 14.1 +0.7
LRAL	Lakeview Retre	44.14 260	P	P	14 38 13.6 +0.2
Z48A	Northport	44.17 261	P	P	14 38 13.6 0.0
LAO	LSA Array	44.24 289	eP	P	14 38 15.9 +1.7
LAO	LSA Array	44.24 289	P	P	14 38 13.9 -0.3
OXF	Oxford	44.26 263	P	P	14 38 14.0 -0.3
V42A	Cord	44.32 266	P	P	14 38 14.3 -0.5
149A	Jones	44.38 259	P	P	14 38 14.9 -0.3
T39A	Cleaver	44.45 269	P	P	14 38 16.1 +0.3
Y46A	Houston	44.46 262	P	P	14 38 15.9 0.0
250A	Grady	44.59 258	eP	P	14 38 17.4 +0.4
250A	Grady	44.59 258	P	P	14 38 17.2 +0.1
U40A	Yellville	44.68 268	P	P	14 38 17.8 +0.2
V41A	Mountainview	44.74 267	P	P	14 38 17.6 -0.6
148A	Greshboro	44.75 260	P	P	14 38 18.3 +0.1
Y45A	Yeager Farm, C	44.83 263	P	P	14 38 18.5 -0.4
T38A	Diamond	44.93 270	P	P	14 38 19.5 -0.1
U39A	Green Forest	44.99 269	P	P	14 38 19.7 -0.5
249A	Camden	45.04 259	P	P	14 38 20.6 +0.1
BRTR	Keskin Array B	45.07 84	P	P	14 38 21.9 +1.0
BRTR	Keskin Array B	45.07 84	LR	LR	14 57 48.3
V40A	Witts Springs	45.08 267	eP	P	14 38 21.3 +0.4
V40A	Witts Springs	45.08 267	P	P	14 38 20.9 0.0
WHAR	Woody Hollow	45.19 267	eP	P	14 38 22.1 +0.4
W41B	Gary Mavity, V	45.25 266	eP	P	14 38 22.5 +0.3
W41B	Gary Mavity, V	45.25 266	P	P	14 38 22.4 +0.2
248A	Dixon Mills	45.27 260	P	P	14 38 23.3 +1.0
HHAR	Hobbs	45.31 269	eP	P	14 38 22.5 -0.2
V39A	Pettigrew	45.49 268	P	P	14 38 24.0 -0.1
TOLK	Toolik Lake Re	45.55 333	eP	P	14 38 25.6 +1.3
TOLK	Toolik Lake Re	45.55 333	P	P	14 38 24.3 0.0
NR1K	Norri'sk	45.64 25	LR	LR	14 58 36.0
W39A	Magazine	46.05 268	eP	P	14 38 28.0 -0.5
W39A	Magazine	46.05 268	P	P	14 38 28.1 -0.4
X40A	Basin Creek Fa	46.09 266	eP	P	14 38 29.1 +0.2
X40A	Basin Creek Fa	46.09 266	P	P	14 38 28.4 -0.4
DAWY	Dawson	46.11 324	eP	P	14 38 30.2 +1.5
347A	Saraland	46.23 260	P	P	14 38 30.2 +0.2
WALA	Waterton Lakes	46.38 296	eP	P	14 38 31.0 -0.2
MIAR	Mount Ida	46.44 267	eP	P	14 38 31.9 +0.4
MIAR	Mount Ida	46.44 267	P	P	14 38 30.5 -1.1
X39A	Fountain Ranch	46.75 267	P	P	14 38 33.7 -0.3
DLBC	Dease Lake	46.85 314	P	P	14 38 36.1 +1.5
RLMT	Red Lodge	46.86 289	eP	P	14 38 35.7 +0.6
RLMT	Red Lodge	46.86 289	P	P	14 38 34.1 -1.0
KBZ	Khabaz	46.99 73	P	P	14 38 39.8 +4.0
KBZ	Khabaz	46.99 73	LR	LR	14 59 14.7
K22A	Casper	47.23 285	P	P	14 38 37.4 -0.6
BOZ	Bozeman (W)	47.70 291	eP	P	14 38 41.8 +0.3
BOZ	Bozeman (W)	47.70 291	P	P	14 38 41.4 -0.1
IL1	Elison Array	47.79 328	eP	P	14 38 42.1 +0.4
ILAR	Eielson Array	47.79 328	P	P	14 38 43.0 +1.2
ILAR	Eielson Array	47.79 328	PcP	PcP	14 40 10.2 -0.3
ILAR	Eielson Array	47.79 328	LR	LR	14 59 05.5
ILB	Eielson Array	47.79 328	eP	P	14 38 42.7 +0.9
MSO	Missoula	47.96 294	P	P	14 38 43.2 -0.3
MDM	Murphy Dome	48.02 329	eP	P	14 38 44.6 +1.1
YHB	Horse Butte	48.09 290	eP	P	14 38 45.1 +0.5
N23A	Red Feather La	48.21 283	eP	P	14 38 45.9 +0.3
N23A	Red Feather La	48.21 283	P	P	14 38 44.7 -0.9
NEW	Newport	48.46 297	P	P	14 38 47.7 +0.5
NEW	Newport	48.46 297	eP	P	14 38 47.4 +0.2
NEW	Newport	48.46 297	P	P	14 38 46.6 -0.7
MOOW	Moose Ponds	48.58 289	eP	P	14 38 49.9 +1.4
LOHW	Long Hollow	48.61 289	eP	P	14 38 48.3 -0.3
IM3	Indian Mountai	48.64 332	eP	P	14 38 49.1 +0.8
BW06	Boulder Array	48.70 287	eP	P	14 38 48.4 -1.0
BW06	Boulder Array	48.70 287	P	P	14 38 48.7 -0.6
PD31	Pinedale Array	48.70 287	eP	P	14 38 48.8 -0.6
PDAR	Pinedale Array	48.70 287	P	P	14 38 48.8 -0.6
PDAR	Pinedale Array	48.70 287	LR	LR	14 58 11.6
PDAR	Pinedale Array	48.70 287	eP	P	14 38 48.5 -0.8
FXWY	Fox Creek	48.80 289	eP	P	14 38 50.6 +0.4
ISCO	Idaho Springs	48.84 281	eP	P	14 38 51.2 +0.7
ISCO	Idaho Springs	48.84 281	P	P	14 38 49.8 -0.8
MCMT	McKenzie Canyo	48.85 291	eP	P	14 38 51.2 +0.6
TPAW	Tetapass	48.87 289	eP	P	14 38 50.0 -0.7
REDW	Red Top Meadows	48.92 289	eP	P	14 38 51.5 +0.5
WMOK	Wichita Mounta	49.05 272	eP	P	14 38 51.9 +0.1
WMOK	Wichita Mounta	49.05 272	P	P	14 38 52.1 +0.3

Table with columns: MKAR, Makanchi Array, 62.32 45 P, 14 40 27.1 0.0, etc. Includes various station names and coordinates.

DJA 16 14:40:37.01.3.11'S;13°11'41"E, h23km, 21km, M3.6/6, ML3.6/6, South of Jawa

MAN 16 14:46:09.8, 12.67N; 125.60E, h34km, mb4.1, ML2.9, MS2.6, 2D, Samar

ISCJB 16 14:46:12.0;0.9, 7.55S;0.10;119.44E;0.06, h250km, mb3.0/2, Error ellipse: s-maj=13.4km s-min=7.8km

WBSI Waikabubak, Su 1.93 181 S, 14 46 28.4 +0.1, etc.

SDV Santo Domingo 12.16 211 Pn, 14 55 02.7 +1.0, etc.

JMA 16 14:48:39.5;0.2, 37.95N;144.17E, h39km, M3.6, Off east coast of Honshu

BSO1 Boso 1.4 219 P, 14 49 39.6 -0.6, etc.

IDC 16 14:52:06.4;0.6, 19.46N;64.43W, h0km, mb4.0/1.6, mb1.4/2.21, mb1mx4.1/47, mbtmp4.1/21, ML3.4/4, MS3.6/6, Ms1 3.6/6, ms1mx3.1/38, Error ellipse: s-maj=14.5km s-min=2.9km az=60.0

NEIC 16 14:52:08.2;0.0, 19.60N;64.20W, h70km, mb4.5/7.1, MD4.3(RSPR), After RSPR

ABV Anegada 0.75 178 Op, 14 52 24.8 -0.1, etc.

SJG San Juan 2.17 232 Pn, 14 52 43.7 -0.8, etc.

AGPR Aguadilla, PR 2.79 249 Op, 14 53 27.3 +1.9, etc.

ANWB Willy Bob 3.04 126 eP, 14 52 55.4 -0.9, etc.

SLB Belford 6.46 150 eP, 14 53 46.7 +3.2, etc.

SDV Santo Domingo 12.16 211 Pn, 14 55 02.7 +1.0, etc.

SDV Santo Domingo 12.16 211 Pn, 14 55 02.7 +1.0, etc.

061Z Ochoppo 16.53 296 eP, 14 55 59.2 -2.6, etc.

PRAC Prado 18.74 215 eP, 14 56 25.3 -1.7, etc.

RGRS Roger Stewart 19.48 317 eP, 14 56 40.7 +5.0, etc.

CMSC Kings Mountain 21.65 320 eP, 14 56 58.8 +1.1, etc.

BLA Blacksburg 22.57 325 eP, 14 57 07.6 0.0, etc.

Y52A Lilburn 22.64 313 eP, 14 57 08.3 0.0, etc.

OTAV Otavalo 23.59 217 eP, 14 57 18.6 +0.1, etc.

WCI Wyandotte Cave 26.68 319 eP, 14 57 47.1 +1.1, etc.

LPAZ La Paz 35.74 186 P, 14 59 06.7 +0.2, etc.

PDAR Pinedale Array 44.45 312 eP, 15 00 19.1 +1.0, etc.

PDAR Pinedale Array 44.45 312 eP, 15 00 17.6 -0.5, etc.

Y14A Wickenburg 45.38 299 eP, 15 00 26.4 +1.0, etc.

ESDC Sonseca Array 55.22 55 P, 15 01 42.9 +3.1, etc.

TRTT	Trang	7.83 21	P	Pn	16 19 15.0 -1.8
LHSI	Lahat	7.91 123	P	Pn	16 19 18.1 +0.2
LKRAB	Krabi	8.03 17	P	Sn	16 20 46.5 -0.2
MDSI	Maura Dua	8.81 124	P	Pn	16 19 25.9 -0.8
MDSI	Liwa	9.03 127	P	Pn	16 19 37.4 +4.1
LWLI	Kotabumi	9.58 124	P	Pn	16 19 40.8 -0.1
KASI	Kota Agung	9.68 128	P	Pn	16 19 40.1 -2.0
CGJI	Cibinong	11.28 129	P	Pn	16 20 00.6 -3.5
LEM	Lembang	12.95 124	Pn	Pn	16 20 25.5 -1.7
CISI	Cismpet, Garu	13.53 126	P	Pn	16 20 30.4 -4.5
CISI	Cisompot, Garu	13.53 126	P	Pn	16 20 30.6 -4.3
KPJ	Karang Pucung	14.32 123	P	Pn	16 20 43.2 -2.5
SRAK	Srakaew	14.39 21	P	P	16 20 49.6 -3.7
NAYO	Nakonyok	14.43 18	P	P	16 20 54.2 +0.3
STKI	Sintang	14.62 92	P	P	16 20 56.9 +0.9
PBKI	Pangkalan Bun	15.13 102	P	P	16 21 03.6 +1.9
UTHA	Uthaitani	15.20 10	P	P	16 21 03.2 +0.9
UGM	Wanagama	15.97 122	ePn	Pn	16 21 04.8 -2.8
PBKT	Sadao Pong	16.49 14	ePn	P	16 21 15.6 -1.0
PBKT	Sadao Pong	16.49 14	P	P	16 21 15.7 -1.0
KHON	Khomkaen	16.82 20	P	P	16 21 21.0 +0.7
PHIT	Phitsanulok	16.97 12	P	P	16 21 22.5 +0.5
UBPT	Khong Chiam	16.98 30	P	P	16 21 21.2 -1.0
SUKH	Sukhothai	17.11 9	P	P	16 21 24.5 +0.9
PALK	Pallekele	17.47 293	P	Pn	16 21 21.7 -5.0
PALK	0.2nm, 0.3s, baz=114, slow=10.0, SNR=2.2			Sn	16 24 26.2 -1.5
PALK	comp=Z, 248nm, 18.6s, baz=116, slow=33			LR	16 26 59.6
PALK	Pallekele	17.47 293	eP	Sn	16 21 28.5 +0.8
CM01	Chiang Mai Arr	17.95 6	ePn	Sn	16 24 26.2 -1.5
CM31	Chiang Mai Arr	17.98 6	ePn	Pn	16 21 32.3 -0.6
CMAR	Chiang Mai Arr	17.98 6	P	Pn	16 21 31.6 -1.2
CMAR	1.1nm, 0.3s, baz=196, slow=10, SNR=6.4			LR	16 29 50.6
LAMP	Lampang	18.13 8	P	P	16 21 36.1 +1.2
PHRA	Phrae	18.21 10	P	P	16 21 36.6 +0.9
CMMT	Chiang Mai	18.33 6	P	P	16 21 36.8 +0.9
NONG	Nongkai	18.53 19	P	P	16 21 37.7 -1.5
JAGI	Jagaj, Banyuwu	19.39 118	eP	LR	16 21 48.5 -0.2
BRDH	Baridaha	22.64 347	LR	LR	16 34 01.9
PCI	Pali	23.01 93	P	P	16 22 29.3 +1.5
MPSI	Mapaga	23.03 90	P	P	16 22 28.3 +0.3
TTSI	Tana Toraja	23.21 99	P	P	16 22 33.0 +9.2
BKSI	Bulukumba	23.93 104	P	P	16 22 40.4 +3.8
MFSI	Mafisa	25.07 90	P	P	16 22 47.0 +0.2
KMI	Kunming	25.15 13	P	P	16 22 49.6 +1.6
KMI			pP	pP	16 22 55.4 +0.5
KMI			sP	sP	16 22 59.3 +1.6
KMI			S	S	16 27 12.1 +0.1
KMI			Pmax	Pmax	
SHL	Shillong	25.40 349	eP	P	16 22 50.0 -0.2
SHL	Shillong	25.40 349	eP	Pmax	16 22 50.0 -0.2
H0S2	Diego Garcia H	25.61 251	T	T	16 49 49.3
H0S3	Diego Garcia H	25.61 251	T	T	16 49 49.3
H0S1	Diego Garcia H	25.63 251	T	T	16 49 49.3
LUWI	Luwuk	25.95 93	P	P	16 22 57.5 +2.3
LUWI	Luwuk	25.95 93	eP	P	16 22 55.2 0.0
GYA	Guyiang	27.50 19	P	P	16 23 13.1 +4.0
GYA			pP	sP	16 23 19.3 +0.4
GYA			Pp	Pp	16 24 00.4 +6.1
GYA			S	S	16 27 50.0 +1.0
GYA			sS	sS	16 28 03.6 -3.3
GYA			SnSn	SnSn	16 29 08.9 +8.8
GYA			Pmax	Pmax	
GYA	comp=Z, 20nm, 1.0s			Pmax	
GYA	comp=Z, 120nm, 5.0s			LR	LR
GYA	comp=Z, 520nm, 16.6s			LR	LR
GYA	comp=Z, 490nm, 16.4s			LR	LR
GYA	comp=Z, 500nm, 17.0s			LR	LR
BATI	Baumata	28.70 112	LR	LR	16 37 16.6
LSA	Lhasa	29.56 350	eP	P	16 23 28.1 +0.2
LSA	Lhasa	29.56 350	eP	Pmax	16 23 28.1 +0.2
CD2	Chengdu	30.96 12	eP	Pmax	16 23 40.5 +0.7
ENH	Enshi	31.97 21	eP	P	16 23 48.1 -0.5
SSLB	Suanglung	32.90 43	eP	P	16 23 56.8 -0.1
FITZ	Fitzroy Crossi	33.79 125	eP	P	16 24 04.6 -0.1
WHN	Wuhan	34.20 27	P	P	16 24 10.3 +2.2
XAN	Xi'an	35.24 17	P	P	16 24 16.9 -0.2
XAN			pP	pP	16 24 24.5 +0.4
XAN			sP	sP	16 24 27.5 +0.6
XAN			Pmax	Pmax	
LZH	Lanzhou	36.01 10	eP	P	16 24 26.8 +2.9
LZH			pP	pP	16 24 34.1 +0.4
LZH			eP	eP	16 24 37.0 +0.2
LZH			Pmax	Pmax	16 25 48.0 +2.0
LZH	comp=Z, 46nm, 1.4s			Pmax	
LZH	comp=Z, 360nm, 4.9s			LR	LR
LZH	comp=Z, 560nm, 13.0s			LR	LR
LZH	comp=Z, 490nm, 13.2s			LR	LR
NJ2	Nanjing	37.65 31	eP	Pmax	16 24 38.3 +0.7
H0W3	Cape Leeuwin H	38.71 157	T	T	17 05 53.7
H0W2	Cape Leeuwin H	38.73 157	T	T	17 05 54.5
H0W1	Cape Leeuwin H	38.73 157	T	T	17 05 56.7
GTA	Gaotai	38.84 4	P	P	16 24 48.9 +1.2
GTA			pP	pP	16 24 55.0 +0.3
GTA			sP	sP	16 24 57.8 +0.2
GTA	comp=Z, 6.0nm, 1.0s			Pmax	
GTA	comp=Z, 150nm, 4.4s			LR	LR
GTA	comp=Z, 230nm, 16.2s			LR	LR
GTA	comp=Z, 210nm, 15.6s			LR	LR
GTA	comp=Z, 200nm, 17.1s			LR	LR
WRA	Warramunga Arr	41.95 121	P	P	16 25 13.8 +0.2
WRA	comp=Z, 10nm, 0.6s			P	

WRA	Warramunga Arr	41.95 121	P	Pmax	16 25 14.1 +0.5
WRA	comp=Z, 10nm, 0.6s			Pmax	
WRAB	Tennant Creek	41.95 121	eP	P	16 25 13.8 +0.1
WRAB	comp=Z, 10nm, 0.6s			P	
WRAB	Tennant Creek	41.95 121	eP	Pmax	16 25 14.5 +0.8
WRAB	comp=Z, 8.0nm, 0.7s			Pmax	
WB2	Warramunga Arr	41.96 121	eP	P	16 25 13.4 -0.3
HHC	Hu-ho-hao-te	42.34 17	eP	Pmax	16 25 18.6 +2.0
HHC	comp=Z, 16nm, 0.7s			Pmax	
FORT	Fortes	42.95 139	eP	P	16 25 22.1 +0.5
FORT	comp=Z, 20nm, 0.8s			P	
BJT	Baijiatuu	43.10 22	eP	P	16 25 22.2 -0.5
BJT	Baijiatuu	43.10 22	eP	Pmax	16 25 22.2 -0.5
BJT	comp=Z, 20nm, 0.9s			Pmax	
BJI	Beijing	43.13 22	P	Pmax	16 25 24.6 +1.8
BJI	comp=Z, 17nm, 0.9s			Pmax	
AS31	Alice Springs	43.24 126	eP	P	16 25 24.6 +0.5
ASAR	Alice Springs	43.24 126	eP	P	16 25 24.7 +0.6
ASAR	comp=Z, 4.3nm, 0.8s, baz=297, slow=8.3, SNR=110			PcP	16 27 14.4 +1.2
AS01	Alice Springs	43.27 126	eP	P	16 25 24.4 0.0
KSH	Kashi	43.29 336	P	P	16 25 26.6 +2.9
KSH	Korea Array	46.62 34	P	P	16 25 35.1 +0.9
WSAR	Wadi Sarin	43.47 304	P	P	16 25 25.1 -0.8
WSAR	comp=Z, 6.4nm, 0.9s, baz=83.7, SNR=2.4			P	
WMQ	Urumqi	43.92 350	P	P	16 25 31.3 +2.0
WMQ	comp=Z, 50nm, 1.1s			pP	16 25 38.8 -0.4
WMQ	comp=Z, 510nm, 5.5s			Pmax	16 25 41.8 +5.4
WMQ	comp=Z, 100nm, 19.1s			LR	LR
WMQ	comp=Z, 120nm, 18.3s			LR	LR
NRN	Naryn	44.92 338	eP	P	16 25 38.2 +0.6
NRN	Naryn	44.92 338	eP	Pmax	16 25 38.3 +0.6
NRN	comp=Z, 11nm, 0.8s			Pmax	
JNU	Nakusui	45.56 41	LR	LR	16 45 22.2
JNU	comp=Z, 92nm, 19.7s, baz=298, slow=37			LR	
KSAR	Wonju Array Be	46.59 34	P	P	16 25 51.1 +0.5
KSAR	Wonju Array Be	46.59 34	P	P	16 25 50.9 +0.1
KS01	Wonju Array Si	46.62 34	P	P	16 25 51.1 +0.3
KSRS	Korea Array	47.86 347	eP	P	16 26 01.2 +1.0
KSRS	comp=Z, 7.9nm, 0.8s, baz=222, slow=8.7, SNR=13			LR	16 46 44.6
FRU	Bliskhek	46.65 337	eP	P	16 25 47.0 -4.0
MK01	Makanchi Array	47.86 347	eP	P	16 26 00.8 +0.5
MK31	Makanchi Array	47.86 347	eP	P	16 26 00.9 +0.6
MK31	Makanchi Array	47.86 347	eP	P	16 26 00.9 +0.6
MKAR	Makanchi Array	47.86 347	eP	P	16 26 01.2 +1.0
MKAR	comp=Z, 6.9nm, 0.6s, baz=160, slow=8.6, SNR=49			P	16 26 00.9 +0.6
MKAR	comp=Z, 139nm, 1.4s			P	16 26 00.9 +0.6
S0NM	Songino Array	47.89 9	P	P	16 26 01.7 +1.1
S0NM	comp=Z, 1.7nm, 0.5s, baz=194, slow=9.9, SNR=11			PcP	16 27 29.4 +0.4
S0NM	comp=Z, 2.3nm, 0.8s, baz=196, slow=4.2, SNR=4.4			LR	16 48 51.4
S0NM	comp=Z, 117nm, 18.7s, baz=192, slow=40			P	16 26 00.7 0.0
SON1	Songino Array	47.90 9	eP	P	16 26 01.2 +0.3
MAK2	Makanchi	47.94 346	eP	P	16 26 01.2 +0.3
MAK2	comp=Z, 5.5nm, 0.6s			Pmax	
MAK2	Makanchi	47.94 346	eP	Pmax	16 26 01.2 +0.3
MAK2	comp=Z, 6.0nm, 0.6s			Pmax	
KK31	Karatay Array	48.55 334	eP	P	16 26 06.0 +0.3
KK31	Karatay Array	48.55 334	eP	P	16 26 06.0 +0.3
KKAR	Karatay Array	48.55 334	eP	P	16 26 05.9 +0.2
KKAR	Karatay Array	48.55 334	eP	P	16 26 05.9 +0.2
CN2	Changchun	50.09 27	eP	P	16 26 20.0 +2.6
GEYT	Alibek	51.55 321	P	P	16 26 27.9 -0.7
KURK	Kurchatov	52.40 345	eP	P	16 26 34.9 +0.3
KURK	comp=Z, 8.1nm, 0.9s			P	
MAT	Matsushiro	52.44 42	P	P	16 26 35.9 +0.7
MJAR	Matsushiro	52.44 42	P	P	16 26 34.9 -0.4
MJAR	comp=Z, 2.3nm, 0.8s, baz=215, slow=5.4, SNR=8.4			LR	16 49 54.9
STKA	Stevens Creek	53.13 132	eP	P	16 26 41.2 +0.8
STKA	comp=Z, 0.8nm, 0.8s, baz=305, slow=7.8, SNR=9.8			P	
STKA	Stevens Creek	53.13 132	eP	P	16 26 40.8 +0.4
STKA	Stevens Creek	53.13 132	eP	Pmax	16 26 40.8 +0.4
STKA	comp=Z, 3.0nm, 0.8s			Pmax	
USA0B	Ussuriysk Arra	53.55 31	eP	P	16 26 43.6 +0.4
USR1	Ussuriysk Arr	53.55 31	P	P	16 26 43.5 +0.2
USR1	comp=Z, 2.9nm, 0.8s, baz=228, slow=4.1, SNR=15			P	
ZAA0	Zalesovo Array	54.21 351	eP	P	16 26 48.4 +0.5
ZALV	Zalesovo Beam	54.21 351	P	P	16 26 48.6 +0.7
ZALV	comp=Z, 8.2nm, 0.6s, baz=180, slow=7.0, SNR=26			P	
ZALV	Zalesovo Beam	54.21 351	eP	P	16 26 48.2 +0.3
RAYN	Ar Rayn	54.80 299	eP	P	16 26 53.5 +0.7
RAYN	Ar Rayn	54.80 299	eP	Pmax	16 26 53.5 +0.7
RAYN	comp=Z, 5.0nm, 1.1s			Pmax	
BRVK	Borovyoe	56.88 341	eP	P	16 27 06.9 -0.2
BRVK	comp=Z, 12nm, 0.7s			eP	
BRVK	Borovyoe	56.88 341	eP	sP	16 27 16.9 -0.2
BRVK	Borovyoe	56.88 341	eP	Pmax	16 27 07.6 +0.5
BRVK	comp=Z, 11nm, 2.5s			Pmax	
KLR	Kul'dur	57.04 27	P	P	16 27 09.3 +1.0
KLR	comp=Z, 9.9nm, 0.9s, baz=255, slow=8.3, SNR=12			P	
AKBUR	Abkhar array	57.99 332	eP	P	16 27 14.7 -0.3
ZEA	Zeya	58.72 21	eP	P	16 27 20.9 +0.9
BOD	Bodaibo	58.77 11	eP	P	16 27 21.0 +0.7
BOD	comp=Z, 11nm, 1.5s			Pmax	
KMBO	Kilima Mbogo	59.63 268	P	P	16 27 28.6 +1.2
KMBO	comp=Z, 3.0nm, 0.7s, baz=51.3, SNR=7.1			P	
KMBO	Kilima Mbogo	59.63 268	eP	P	16 27 29.7 +2.3
KMBO	comp=Z, 3.0nm, 0.7s			Pmax	
YSS	Yuzh-Sakhalins	61.13 34	eP	P	16 27 36.5 -0.2
YSS	Yuzh-Sakhalins	61.13 34	P	P	16 27 37.4 +0.7
YSS	comp=Z, 10.0nm, 1.0s			Pmax	
SVE	Sverdlovsk	63.23 339	P	P	16 27 51.1 +0.5
SVE	comp=Z, 14nm, 1.3s			Pmax	
ZEI					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AVH Avacha, KPT Kopyto, KIRR Kirishev, etc.

IDC 16:20:49:07.1.0.7, 51.55N, 176.71W, h0km, mb3.9/14, mb1.4/2.15, mb1mx3.9/5.7, mbtmp4.0/15, MJS, 0.1, MS3.1/3, Ms1.3.1/3, ms1mx2.6/3.7, Error ellipse: s-maj=25.0km, s-min=14.8km az=164.0

ISCBJ 16:20:49:12.6/0.5, 51.41N, 176.53W, 0.04, h47km, mb4.0/13, MS3.0/3, Error ellipse: s-maj=9.0km, s-min=3.5km az=169.3

NEIC 16:20:49:13.2/0.0, 51.43N, 176.54W, h34km, ML4.0(AEIC), After AEIC, NEIC Fell on Adak, ISC 16:20:49:13.9/0.6, 51.58N, 176.60W, 0.04, h47km, n45, r1535/50, mb4.0/13, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ETKA Kagalaska Isla, ADK Adak, ADAG Mount Adagdak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KDAK Kodiak Island, MA2 Mageda, ILAR Eielson Array, etc.

IDC 16:20:55:35.7.26.0, 17.30S, 178.62W, h480km, 321km, mb2.7/3, mb1.3/1.3, mb1mx2.7/42, mbtmp3.6/3, Error ellipse: s-maj=293.8km s-min=60.8km az=171.0, Fiji 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, etc.

ISCJJB 16:20:56:10.7.0.4, 24.73N, 102.122, 42E, 0.02, h7km, 2km, Error ellipse: s-maj=3.2km s-min=2.1km az=21.9, JAP 16:20:56:11.4.24.74N, 122.36E, h14km, ML2.9, D TMA 16:20:56:12.0.1.1, 24.63N, 122.38E, h21km, 4km

ISC 16:20:56:11.2.1.1, 24.69N, 102.122, 39E, 0.02, h15km, 8km, n58, of58/108, 1D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EOS1 Eos1, TWB1 Santiao Chiao, etc.

ISCJBJ 16:21:23:39.8.0.8, 35.94N, 0.03/30.99E, 0.02, h15km, 8km, Error ellipse: s-maj=5.7km s-min=2.9km az=17.0, ISK 16:21:23:39.6, 35.98N, 31.00E, h17km, ML3.3/15, DDA 16:21:23:39.4, 35.93N, 31.05E, h23km, ML3.3, NIC 16:21:23:39.1, 35.93N, 31.47E, h7km, ML3.5

ISC 16:21:23:39.1, 35.93N, 31.47E, h7km, ML3.5, n70, of81/80, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MNVG Manavgat-Kepez, GAZI Gazipasa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YHNB Yeheng, NSK Sangungu, etc.

ISCJBJ 16:21:23:39.8.0.8, 35.94N, 0.03/30.99E, 0.02, h15km, 8km, Error ellipse: s-maj=5.7km s-min=2.9km az=17.0, ISK 16:21:23:39.6, 35.98N, 31.00E, h17km, ML3.3/15, DDA 16:21:23:39.4, 35.93N, 31.05E, h23km, ML3.3, NIC 16:21:23:39.1, 35.93N, 31.47E, h7km, ML3.5

ISC 16:21:23:39.1, 35.93N, 31.47E, h7km, ML3.5, n70, of81/80, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BOZY Bozyazi-Mersin, ERMK Ermenek, etc.

Table with columns: TURN, Turunc, 2.14 295 PN, Pb, 21 24 19.1 +0.5, etc. Includes stations like TURUN, TURUN, CSS, etc.

IDC 16:21:30.02.9.2.2.8.58S:115.41E, h0km, mb3.2/4, mb1 3.4/4, mb1mx3.2/4, mbtmp3.2/4, Error ellipse: s-maj=1.41,7km s-min=25.5km az=51.0

ISCJB 16:21:30.05.0.0.8.63S:0.05.1.15.7E:0.03, h23km,5km, mb3.2/4, Error ellipse: s-maj=3.3km s-min=5.5km az=14.5

DJA 16:21:30.05.0.2.9.2.2.11.5E.az, h11km,2km, M3.6/13, mb3.8/1, MLV3.6/13

ISC 16:21:30.05.0.1.0.8.59S:0.05.115.37E:0.03, h14km,7km, n15.1, s131/22, mb3.2/4, Ball region

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

MAN 16:21:36.19.1.8.64N:125.95E, h15km, mb4.4, ML3.2, MS3.1, 2D, Mindanao

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

ISCJB 16:21:44.06.3.1.0.8.77S:0.08.108.59E:0.04, h40km, 13km, mb4.0/6, MS3.6/1, Error ellipse: s-maj=13.6km

DJA 16:21:44.06.4.1.1.9.5.3.10.9E.az, h30km, 14km, M4.3/13, mb84.9/1, mb4.5/1, MLV4.2/13, Mw(mb)4.2/1

IDC 16:21:44.09.1.2.2.8.69S:108.66E, h49km, 25km, mb3.8/6, mb1 3.9/8, mb1mx3.6/52, mbtmp4.1/8, ML3.6/2, MS3.4/3, Ms1 3.4/3, ms1mx3.0/39, Error ellipse: s-maj=45.3km s-min=15.1km az=50.0

ISC 16:21:44.06.8.2.2.8.79S:0.08.108.55E:0.04, h30km, 16km, n22.1, s141/33, mb3.9/6, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMJI, Cimerak, CISO, Cisomet, Garu, etc.

ASAR Alice Springs 28.41 124 P 21 49 58.5 -0.4

STKA Stephens Creek 38.31 132 P 21 51 25.6 +0.7

GUMO Guam 42.36 59 LR 22 08 31.7

MKAR R Makanchi Array 60.09 399 P 21 54 10.4 -0.7

MAW Mawson 66.12 197 P 21 54 51.5 +0.8

VNDA Vanda 73.94 170 P 21 55 39.0 +0.3

BRTR Keskin Array B 84.16 312 P 21 56 36.5 +1.1

MEX 16:21:46:08.8.0.5, 15.90N-98.22W, h5km, MD3.7, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PNIG, Pinotepa, TLIG, Tlita, etc.

BUI 16:21:46:14.3, 10.23N:126.93E, h46km, mb5.2/66, mb5.5/43, Ms4.9/37, MS4.7/36

MAN 16:21:46:15.0, 10.74N:126.90E, h40km, mb5.5, ML4.5, MS4.8

GCMT 16:21:46:15.9.0.2, 10.70N:126.93E:0.01, h13km, MW5.0/97, Moment Tensor Solution. s38,c44; s97,c150; Duration: 0 Moment tensor: Scale 10^18Nm; Mir-3.22e.16; Mw=0.12±.09; Mw3.34±.12; Mw=0.11±.28; Mw3.08±.07; Mw=0.92±.23; Best double couple: M3.3, 40800x10^16 Np1.3e3.00000, s53.00000, A-88.00000, NP2: 0.180.00000, s37.00000, A-92.00000. Principal axes: T 3.4680, P1g8.0000, Azm92.0000; N 0.1160, P1g2.0000, Azm182.0000; P 3.3480, P1g82.0000; Azm283.0000; nst1 refers to bow waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISCJB 16:21:46:16.5.0.5, 10.67N:126.79E:0.03, h35km, 4km, mb5.1/166, MS4.2/28 Error ellipse: s-maj=4.6km s-min=3.0km az=173.4

MOS 16:21:46:16.2.1.0, 10.64N:126.71E, h33km, mb5.5/68, Error ellipse: s-maj=9.5km s-min=4.7km az=118.9

DJA 16:21:46:18.4.1.2, 11.1N:127.7E:1.7, h47km, 9km, M5.1/30, mb5.2/30, mb5.4/23, MLV5.9/1, Mw(mb)4.8/23

IDC 16:21:46:18.3.2.9, 10.60N:126.69E, h39km, 25km, mb4.7/40, mb1 4.9/41, mb1mx3.7/57, mbtmp4.9/41, ML4.8/1, MS3.9/23, Ms1 3.9/23, ms1mx3.8/38, Error ellipse: s-maj=14.1km s-min=8.1km az=84.0

NEIC 16:21:46:18.9.0.6, 10.62N:126.72E, h43km, 5km, mb5.3/77, Error ellipse: s-maj=5.1km s-min=3.0km az=74.0

ISC 16:21:46:19.3.0.6, 10.66N:126.82E:0.04, h46km, 5km, n520.1, s144/560, mb5.2/170, MS4.1/28, 36C-31D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SCPH, Surigao, BESP, Borongan, etc.

DAV Davao City (W) 3.77 199 Pn 21 47 15.8 +0.8

DAV 36nm, 0.3s, baz=226, slow=18, SNR=3.3

DMPH Davao City-Mi 3.78 200f Pn 21 47 27.9 +1.3

PVCP Virac 3.92 316 Pn 21 47 13.2 -3.8

RCP Roxas 4.16 202 Pn 21 47 18.9 -0.8

GUIM Jordan 4.16 270 Pn 21 47 18.0 -2.4

PAGP Pagadian 4.04 231 Pn 21 47 22.5 -1.1

DDMP Don Marcelino, 4.66 194 Pn 21 47 22.7 -4.4

JAP San Jose, Anti 4.79 272f Pn 21 47 23.9 +3.9

OTAP Odiong 5.00 200 Pn 21 47 29.9 -2.0

BOAC BOAC 5.99 292 Pn 21 47 30.3 -1.5

SJMP San Jose 5.87 288 Pn 21 47 44.4 +0.6

TGY Tagaytay City 6.69 301 Pn 21 47 54.7 -0.4

TGY 20nm, 0.3s, baz=122, slow=9.8, SNR=6.5

SGSI Sangihe 1.04 191 P 21 48 01.2 +1.2

SGSI 200nm, 0.9s, 4um3, 1mm S Sn 21 49 24.8 +6.0

BALP Baler 7.18 315 eP 21 48 00.4 -1.5

APYP Conner 8.97 324 eP 21 48 24.6 -1.7

TNTI Ternate 9.84 177 Pn 21 48 35.2 -3.1

TNTI Ternate 9.84 177 Pn 21 48 35.6 -2.7

TNTI Ternate 9.84 177 ePn 21 48 36.1 -2.2

TNTI Ternate 9.84 177 S 21 48 36.5 -0.9

KMSI Cibinong 10.41 196 Pn 21 48 47.4 +1.3

JAY Jayapura 19.03 133 LR 21 56 54.1

MMRI Maumere 19.70 194 Pn 21 50 50.0 +3.2

MMRI Maumere 19.70 194 eP 21 50 46.1 -0.6

EDFI Ende, Flores 19.95 195 Pn 21 50 49.4 -0.3

SOEI Soe 20.44 187 eP 21 50 53.0 -0.1

BATI Baunata 20.96 189 P 21 50 57.6 -1.1

BATI Baunata 20.96 189 P 21 50 57.4 -1.3

UBPT Khong Chiam 21.30 285 P 21 51 04.2 +1.8

PLAI Plampang 21.35 205 P 21 51 01.5 -2.1

WBSI Waikabubak, Su 21.48 200 P 21 51 00.3 -2.8

TWSI Taliwang, Sumb 21.66 208 P 21 51 03.4 -3.8

NJ2 Nanjing 22.53 342 eP 21 51 16.6 +1.3

JNU Nakatsue 22.67 9 P 21 51 16.4 -0.4

JNU Nakatsue 22.67 9 P 21 51 16.4 -0.4

WHN Wuhan 22.94 331 eP 21 51 19.6 0.0

TPI Tanjung Pandan 23.27 236 P 21 51 21.4 -1.7

KHON Khonkaen 24.00 286 P 21 51 29.0 -1.0

NONG Nongkai 24.07 291 P 21 51 28.5 -2.1

TPRI Tanjung Pinang 24.18 248 P 21 51 33.3 +1.7

PPBI Pangkajene 24.21 239 P 21 51 30.8 -1.1

SRAK Sraekaw 24.43 280 P 21 51 30.6 -3.3

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

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GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

GYA Guiyang 24.68 312f P 21 51 35.8 -0.5

Table with columns for call sign, name, frequency, mode, and status. Includes stations like BHL Bhannes, DQRL Deir Omar, and BR101 Keskin Array S.

Table with columns for call sign, name, frequency, mode, and status. Includes stations like VYH Vyhne, VYHS VYHS, and VYUD Budapest.

Table with columns for call sign, name, frequency, mode, and status. Includes stations like TRQA Torquist, OTAV Otavalo, and ROSC El Rosal.

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes stations like WSAR Wadi Sarin, KTH Kantishna Hill, CPUP Villa Florida, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like CMIJ Cimerak, CISI Cisompet, KPJI Karang Pucung, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like CMIJ Cimerak, CISI Cisompet, KPJI Karang Pucung, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like JMIC Jan Mayen, LOF Lofoten, HSPB Hornsund, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like KIF Kilpisjärvi, KBS Kingsbay, KONS Konsvik, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like AKN Aaknes, AKN Aaknes, BORG Borgarnes, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like HFS Hagfors, HFS Hagfors, HFS Hagfors, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like EKA Eskdalemuir Ar, EKA Eskdalemuir Ar, SFJD Kangerlussuaq, etc.

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes stations like NKC NKC, DPC Dobruska-Polom, PRU Pruhonice, etc.

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes stations like GEA0 GERRISS Array S, BFO Black Forest, ECH Echery, etc.

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes stations like RES Resolute Bay, MOA Molin, META Reutte, etc.

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes stations like WATA Wadalralm, WTTA Wattenberg, FETA Feichten, etc.

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes stations like ARU Arti, MLR Muntele Rosu, ES19 SONSECA Array, etc.

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes stations like GNI GARNI, CSS Mathiatis, ILAR Eielson Array, etc.

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Otavalo, etc.

Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes stations like WR1 Warramunga Arr, WR1 Warramunga Arr, AS31 Alice Springs, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like SCPH Surigao, BESP Borongan, MSLP Maasin, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like GYA Guiyang, ENH Enshi, KMI Kunming, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like WR1 Warramunga Arr, WR1 Warramunga Arr, WRA Warramunga Arr, etc.

Table with 4 columns: Code, Station Name, Frequency, Power. Includes stations like LSH Shillong, GHT Gaotai, LSA Lhasa, etc.

PAU			eS	Sn	01 30 55.1 +1.5				
PAU	Pauzhetka	2.53 25	PN	Pn	01 30 27.2 +3.1				
PAU			eS	Sn	01 30 55.1 +1.5				
KDTR	Khodutka, Kamc	3.24 35	eP	Pn	01 30 35.2 +1.0				
KDTR			eS	Sn	01 31 10.1 -1.0				
ASAK	Asacha	3.66 28	eP	Pn	01 30 42.9 +2.7				
ASAK	Asacha	3.66 28	PN	Pn	01 30 42.3 +2.7				
MTRV	Mutnovka	3.83 30	eP	Pn	01 30 45.2 +3.2				
MTRV			eS	Sn	01 31 27.6 +1.7				
MTRV			eS	Sn	01 30 45.2 +3.2				
GRL	Gorelyy	3.86 28	eP	Pn	01 31 27.6 +1.7				
GRL			eS	Sn	01 31 28.0 +1.6				
GRL	Gorelyy	3.86 28	PN	Pn	01 30 46.2 +3.8				
GRL			eS	Sn	01 31 28.0 +1.6				
RUS	Russkaya	3.90 33	eP	Pn	01 30 44.8 +1.9				
RUS			eS	Sn	01 31 26.3 -1.1				
RUS	Russkaya	3.90 33	PN	Pn	01 31 44.8 +1.9				
RUS			eS	Sn	01 31 26.3 -1.1				
APC	Apacha	3.96 19	PN	Pn	01 30 48.6 +5.0				
APC	Apacha	3.96 19	PN	Pn	01 30 48.6 +5.0				
KRMR	Karymshinskiy	4.12 27	eP	Pn	01 30 50.0 +4.2				
KRMR			eS	Sn	01 31 33.8 +2.0				
KRMR	Karymshinskiy	4.12 27	PN	Pn	01 30 50.0 +4.2				
KRMR			eS	Sn	01 31 33.8 +2.0				
PEA0B	Petropavlovsk-	4.25 22	ePn	Pn	01 30 51.2 +3.6				
PETK	Petropavlovsk-	4.25 22	eP	Pn	01 30 52.1 +4.5				
PETK			eS	Sn	01 30 51.2 +3.6				
PETK	Petropavlovsk-	4.25 22	ePn	Pn	01 30 51.8 +4.2				
PETK			eS	Sn	01 30 54.8 +4.2				
PET	Petropavlovsk	4.44 29	ePn	Pn	01 31 42.4 +1.8				
PET			eS	Sn	01 30 54.6 +4.3				
PET	Petropavlovsk	4.44 29	ePn	Pn	01 31 42.6 +2.0				
PET			eS	Sn	01 30 57.0 +6.7				
PET			eS	Sn	01 31 42.0 +1.4				
PET	comp=Z,59nm,0.4s		pmax	smax					
PET	comp=E,227nm,0.6s		smax	smax					
PET	comp=N,359nm,0.5s		smax	smax					
DALK	Dalny	4.48 30	eP	Pn	01 30 53.8 +3.0				
DALK			eS	Sn	01 31 43.1 +1.5				
DALK	Dalny	4.48 30	PN	Pn	01 30 53.8 +3.0				
DALK			eS	Sn	01 31 43.1 +1.5				
KOK	Koryaka	4.67 27	eP	Pn	01 30 58.3 +4.8				
KOK	Koryaka	4.67 27	PN	Pn	01 30 58.3 +4.8				
AVH	Avacha	4.68 28	eP	Pn	01 30 58.0 +4.5				
AVH	Avacha	4.68 28	PN	Pn	01 30 58.0 +4.5				
KRER	Koryakskii	4.71 28	eP	Pn	01 30 58.1 +3.9				
KRER	Koryakskii	4.71 28	PN	Pn	01 30 58.1 +3.9				
KRX	Arik	4.73 27	eP	Pn	01 30 57.7 +3.4				
KRX	Arik	4.73 27	PN	Pn	01 30 57.7 +3.4				
SDLR	Sedlovina	4.73 29	ePn	Pn	01 30 57.5 +3.1				
SDLR	Sedlovina	4.73 29	PN	Pn	01 30 57.5 +3.1				
GNL	Ganally	4.85 21	eP	Pn	01 31 00.6 +4.7				
GNL	Ganally	4.85 21	PN	Pn	01 31 00.6 +4.7				
SPN	Mys Shipunski	4.99 37	eP	Pn	01 30 59.2 +1.4				
SPN			eS	Sn	01 31 51.8 -2.3				
SPN	Mys Shipunski	4.99 37	PN	Pn	01 30 59.2 +1.4				
KUR	Kuril'sk	6.31 234	ePn	Pn	01 31 21.0 +5.1				
KUR			eS	Sn	01 32 33.2 +6.7				
KUR	comp=E,33nm,0.5s		pmax	smax					
KUR	comp=Z,76nm,0.5s		pmax	smax					
KUR	comp=N,45nm,0.3s		pmax	smax					
KUR	comp=Z,145nm,1.1s		smax	smax					
KUR	comp=N,47nm,0.6s		eS	Sn					
MKZ	Mys Kozlova	6.76 35	eP	Pn	01 31 22.3 +0.3				
MKZ			eS	Sn	01 32 34.4 -3.1				
MKZ	Mys Kozlova	6.76 35	PN	Pn	01 31 22.3 +0.3				
TUMR	Tumrok	6.84 25	eP	Pn	01 31 27.3 +4.1				
TUMR	Tumrok	6.84 25	PN	Pn	01 31 27.3 +4.1				
SHO	Shikotan	7.79 230	ePn	Pn	01 31 36.5 +0.4				
SHO			pmax	pmax					
SHO	comp=Z,30nm,0.3s		pmax	pmax					
SHO	comp=E,32nm,0.2s		pmax	pmax					
SHO	comp=N,23nm,0.5s		pmax	pmax					
TYV	Tymovskoe	8.17 286	ePn	Pn	01 31 47.4 +6.1				
TYV			pmax	pmax					
TYV	comp=Z,23nm,1.5s		pmax	pmax					
TYV	comp=Z,300nm,5.9s		pmax	pmax					
YUK	Yuzh-Kuril'sk	8.18 234	iPN	Pn	01 31 45.3 +3.9				
SMKR	Semkarok	8.34 25	eP	Pn	01 31 46.3 +2.6				
SMKR	Semkarok	8.34 25	PN	Pn	01 31 46.3 +2.6				
KBTR	Krutoberegovo	8.45 31	eP	Pn	01 31 47.6 +2.6				
KBTR	Krutoberegovo	8.45 31	PN	Pn	01 31 47.6 +2.6				
UGL	Uglegorsk	8.54 274	ePn	Pn	01 31 52.2 +5.9				
YSS	Yuzh-Sakhalins	8.55 259	ePn	Pn	01 31 52.0 +5.5				
YSS	Yuzh-Sakhalins	8.55 259	ePn	Pn	01 31 52.0 +5.5				
YSS	comp=Z,40nm,1.0s		MLR	MLR					
BKI	Bering	8.99 44	eS	Sn	01 33 24.0 -8.1				
NKL	Nikolayevsk	9.87 299	ePn	Pn	01 32 10.0 +5.6				
NKL			pmax	pmax					
NKL	comp=E,30nm,1.0s		pmax	pmax					
NKL	comp=Z,43nm,1.0s		pmax	pmax					
ASAJ	Asahikawa	9.97 244	P	Pn	01 32 09.7 +3.8				
ASAJ			LR	LR	01 32 58.3				
ERM	Erimo	11.01 234	ePn	Pn	01 33 21.8 +1.7				
ERM			eS	Sn	01 34 18.4 -3.1				
ERM	Erimo	11.01 234	ePn	Pn	01 33 21.8 +1.7				
SEY	Seymchan	13.85 365	eP	Pn	01 33 02.3 -3.0				
KLR	Kul'dur	15.24 279	P	Pn	01 33 21.2 +0.3				
USAOB	Ussuriysk Arra	16.58 261	ePn	Pn	01 33 33.6 -0.5				
USAOB			PN	Pn	01 33 36.4 +0.5				
USRK	comp=Z,4.9nm,1.0s		LR	LR	01 39 21.0				
USRK	comp=Z,99nm,19.7s,baz=73,slow=35		LR	LR	01 33 45.5 -1.7				
MJB9	Matsu-Tunnel	17.64 230	eP	Pn	01 33 46.0 -1.2				
MAJO	Matsushiro	17.64 230	eP	Pn	01 33 46.0 -1.2				
MAJO			pmax	pmax					
MAJO	comp=Z,12nm,0.7s		pmax	pmax					
MAT	Matsushiro	17.64 230	P	P	01 33 48.7 +1.1				
MJAR	Matsushiro Arr	17.64 230	P	P	01 33 47.3 -0.2				
MJAR			LR	LR	01 41 01.0				
CN2	Changchun	21.02 266	eP	P	01 34 21.3 -3.0				
KSR5	Korea Arr	22.85 249	P	P	01 34 44.1 +0.2				
KSR5	comp=Z,7.7nm,0.8s,baz=83,slow=10,SNR=3.3		LR	LR	01 42 54.0				
KSAR	comp=Z,33nm,20.0s,baz=190,slow=35		P	P	01 34 44.1 -0.1				
KSAR	Wonju Array Be	22.88 249	P	P	01 34 44.1 -0.1				
KSAR	Wonju Array Be	22.88 249	iP	P	01 35 07.7 -1.0				
TIXI	Tiksi	25.53 41	pmax	pmax					
TIXI	comp=Z,5.0nm,1.0s		P	P	01 35 57.9 +0.4				
IM3	Indian Mountai	31.02 38	eP	P	01 36 02.1 +0.1				
HHC	Hu-ho-hao-te	31.50 271	eP	Pn	01 37 08.6 +1.5				
HHC			PM	PM	01 40 59.8 -6.5				
HHC	comp=Z,23nm,1.1s		pmax	pmax					
HHC	comp=Z,110nm,5.6s		LR	LR					
HHC	comp=Z,290nm,14.1s		LR	LR					
HHC	comp=Z,170nm,13.7s		LR	LR					
HHC	comp=Z,140nm,15.3s		LR	LR					

SOMN	Songino Array	31.84 286	LR	LR	01 50 00.5				
IL1	Eielson Array	33.82 41	eP	P	01 36 22.3 +0.4				
ILAR	Eielson Array	33.82 41	eP	P	01 36 22.3 +0.4				
ILB	Eielson Array	33.82 41	eP	P	01 36 22.8 +0.9				
INK	Inuvik	38.88 34	eP	P	01 37 06.3 +1.4				
INK	Inuvik	38.88 34	eP	P	01 37 06.3 +1.4				
LZH	Lanzhou	39.16 270	eP	P	01 37 07.8 -0.2				
LZH			eP	P	01 37 28.4 -0.1				
LZH			pmax	pmax	01 37 41.6 +1.9				
ZALV	Zalesovo Beam	42.29 304	P	P	01 37 31.4 -1.8				
ZALV	comp=Z,0.7nm,0.4s,baz=55,slow=8.4,SNR=3.3		PcP	PcP	01 39 26.6 +0.6				
ZALV	comp=Z,1.6nm,0.6s,baz=85,slow=3.1,SNR=8.0		LR	LR	01 54 53.8				
DIB	comp=Z,15nm,20.8s,baz=66,slow=36		P	P	01 37 46.1 +0.8				
WMQ	Urumqi	45.30 290	P	P	01 37 59.3 +1.6				
KMI	Kunming	47.00 259	P	P	01 38 12.2 +1.1				
KMI			pmax	pmax					
MK31	Makanchi Array	47.02 296	eP	P	01 38 11.0 -0.1				
MK31	Makanchi Array	47.02 296	eP	P	01 38 11.0 -0.1				
MK31	Makanchi Array	47.02 296	eP	P	01 38 10.3 -0.7				
MKAR	comp=Z,1.2nm,0.6s,baz=63,slow=6.5,SNR=9.7		PcP	PcP	01 39 42.5 0.0				
MKAR	comp=Z,1.2nm,0.8s,baz=47,slow=4.9,SNR=5.2		LR	LR	01 58 26.2				
MKAR	Makanchi Array	47.02 296	eP	P	01 38 10.8 -0.3				
MKAR			pmax	pmax					
MK01	Makanchi Array	47.02 296	eP	P	01 38 10.2 -0.9				
KURK	Kurchatov	47.13 303	eP	P	01 38 11.2 -0.6				
KURK			pmax	pmax					
KURK	Kurchatov	47.13 303	eP	P	01 38 11.2 -0.6				
YKA	Yellowknife Arr	48.18 39	P	P	01 38 20.9 +1.2				
YKA	comp=Z,2.0nm,0.7s,baz=295,slow=7.6,SNR=5.0		pP	pP	01 38 36.6 +2.3				
BRVK	Borovoye	50.38 309	iP	P	01 38 36.1 -0.6				
BRVK			pmax	pmax					
NONG	Nongkai	51.87 252	P	P	01 38 50.0 +1.7				
B08A	Colville Reser	53.41 56	eP	P	01 39 00.2 +0.7				
ARU	Arti	54.11 317	dIP	P	01 39 03.8 -0.5				
ARU			SS	SS	01 40 06.3				
ARU			SS	SS	01 46 32.7 -3.8				
ARU			pmax	pmax	01 50 19.1 +1.2				
CMAR	Chiang Mai Arr	54.23 256	LR	LR	02 02 50.9				
KSH	Kashi	5							

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Suao, Santiaio Chiao, Yonagunijimaku, etc.

THR 17 01:39:34.2, 0.1, 27.72N, 52.19E, h6km, mb3.1/1
IDC 17 01:39:35.0, 1.1, 27.72N, 52.30E, h0km, mb3.9/1
TEH 17 01:39:36.9, 27.84N, 52.19E, h20km, ML3.5
ISCJJB 17 01:39:36.8, 0.3, 27.82N, 0.03, 52.22E, 0.04, h15km, mb4.0/15, Error ellipse: s-maj=5.4km s-min=2.9km az=143.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ghir-Karzin, Ghir-Khomyen, JHRM, etc.

Main table with columns: ISAD, IAML, Time, Res, h, m, s, ISC. Includes stations like comp=N, 408nm, 0.3s, ASUD, NGRK, NGRK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISCJB, PAMC, TAME, GIRON, etc.

M4.2/2, M5.7 3.9/1
 ISCJB 17 02:13:35.1-0.2, 27.90N-52.27E, 0.02, h15km,
 mb4.5/86, Error ellipse: s-maj=3.3km s-min=2.1km
 az=38.6
 THR 17 02:13:36.2-0.5, 27.69N-52.10E, h46km, 5km, ML4.5
 DSN 17 02:13:36.2-1.1, 28.18N-52.43E, h15km, ML4.7/8, Error
 ellipse: s-maj=17.7km s-min=6.4km az=11.0
 MOS 17 02:13:36.9-0.9, 27.90N-52.31E, h31km, mb4.7/48, Error
 ellipse: s-maj=7.0km s-min=4.3km az=106.4
 NEIC 17 02:13:36.2-0.0, 27.69N-52.10E, h46km, mb4.4/27,
 ML4.5(THR), MN4.5(TEH), After THR.
 TEH 17 02:13:37.3, 27.90N-52.23E, h31km, ML4.1
 IDC 17 02:13:40.5-3.3, 27.94N-52.32E, h44km, 31km, MB3.3/34,
 mb1.4/37, mb1mx4.2/47, mbtmp4.5/37, ML3.8/3, MS3.3/10,
 Ms1.3/4/10, ms1mx3.1/47, Error ellipse: s-maj=13.0km
 s-min=10.4km az=160.0

OMAN 17 02:13:41.3-0.5, 27.89N-52.48E, h57km, Error ellipse:
 s-maj=17.9km s-min=1.9km az=48.0
 ISC 17 02:13:36.8-0.3, 27.94N-0.04, 52.31E, 0.03, h15km, n353,
 r150/359, mb4.5/93, 24C-19D, Southern Iran

Code	Station Name	A ^z	A ^z	Phase ID	ISC	Time	Res	ISC
						h m s		
GHIR	Ghir-Karzin	0.69	60	Pg	Pn	02 13 55.0	+2.8	
GHIR	Ghir-Karzin	0.69	60	ePg	Pn	02 13 55.9	+3.7	
GHIR	Ghir-Karzin	1.25	63	ePg	IAML	02 14 06.2		
GHIR	Ghir-Karzin	0.69	60	ePg	Pn	02 13 55.9	+3.7	
JHRM	Jahrom	1.25	63	ePg	IAML	02 14 06.1		
JHRM	Jahrom	1.25	63	ePg	Pn	02 14 06.0	+1.0	
JHRM	Jahrom	1.25	63	ePg	IAML	02 14 08.3		
JHRM	Jahrom	1.25	63	ePg	Pn	02 14 30.5		
ISRV	Sarvestan	1.60	26	Pn	Pb	02 14 06.8	+0.5	
ISRV	Sarvestan	1.60	26	ePg	IAML	02 14 40.8		
ISRV	Sarvestan	1.60	26	ePg	Pn	02 14 07.2	-0.4	
ISRV	Sarvestan	1.60	26	ePg	IAML	02 14 45.4		
ISRV	Sarvestan	1.60	26	ePg	Pn	02 14 55.8		
SHI	Shiraz	1.70	6	Pn	Pb	02 14 44.2		
SHI	Shiraz	1.70	6	ePg	IAML	02 14 08.0	0.0	
SHI	Shiraz	1.70	6	ePg	Pn	02 14 47.2		
IKAZ	Kazeroun	1.88	348	Pn	Pb	02 14 09.8	+1.1	
IKAZ	Kazeroun	1.88	348	ePg	Pn	02 14 10.2	-0.8	
IKAZ	Kazeroun	1.88	348	ePg	IAML	02 14 48.4		
IKAZ	Kazeroun	1.88	348	ePg	Pn	02 14 59.7		
IPAR	Pars	2.00	19	Pn	Pn	02 14 11.9	+1.6	
IPAR	Pars	2.00	19	ePg	IAML	02 14 12.0	+1.6	
IPAR	Pars	2.00	19	ePg	Pn	02 14 51.8		
IPAR	Pars	2.00	19	ePg	IAML	02 14 53.4		
IPAR	Pars	2.00	19	ePg	Pn	02 15 14.6		
IPAR	Pars	2.00	19	ePg	IAML	02 15 29.9		
BOOSS	Boos	3.33	232	P	Pn	02 14 29.9	+1.5	
SLWS	Slw	3.47	206	P	Pn	02 14 31.6	+1.4	
GENO	Geno	3.47	98	ePg	Pn	02 14 30.1	-0.4	
GENO	Geno	3.47	98	ePg	IAML	02 15 52.0		
GENO	Geno	3.47	98	ePg	Pn	02 15 55.1		
GENO	Geno	3.47	98	ePg	IAML	02 16 07.4		
IRAM	Rameshsh	3.85	1	Pn	Pn	02 14 36.6	+0.8	
IRAM	Rameshsh	3.85	1	ePg	Pn	02 14 36.9	+1.1	
IRAM	Rameshsh	3.85	1	ePg	IAML	02 15 05.8		
IRAM	Rameshsh	3.85	1	ePg	Pn	02 15 46.9		
IRAM	Rameshsh	3.85	1	ePg	IAML	02 16 05.3		
KFJS	Kerman	3.86	275	P	Pg	02 14 50.9	+0.1	
SHME	Shamm	3.91	118	iP	Pn	02 14 35.8	+0.2	
SHME	Shamm	3.91	118	S	Sn	02 15 22.9	+0.9	
SHME	Shamm	3.91	118	ePg	Pn	02 14 36.9	+0.6	
IMEH	Mehriz	3.98	30	Pn	Pn	02 14 39.9	+2.4	
IMEH	Mehriz	3.98	30	ePg	Pn	02 14 40.4	+2.9	
IMEH	Mehriz	3.98	30	ePg	IAML	02 14 46.1		
IMEH	Mehriz	3.98	30	ePg	Pn	02 14 58.0		
NIAN	Nian	4.03	94	ePg	Pn	02 14 38.2	+0.2	
NIAN	Nian	4.03	94	ePg	IAML	02 16 02.4		
NIAN	Nian	4.03	94	ePg	Pn	02 16 18.5		
NIAN	Nian	4.03	94	ePg	IAML	02 16 41.4		
NIAN	Nian	4.03	94	ePg	Pn	02 16 41.4		
IBRJ	Brojen	4.06	347	Pn	Pn	02 14 38.2	-0.4	
IBRJ	Brojen	4.06	347	ePg	Pn	02 14 38.7	+0.1	
IBRJ	Brojen	4.06	347	ePg	IAML	02 15 04.5		
IBRJ	Brojen	4.06	347	ePg	Pn	02 15 56.0		
IBRJ	Brojen	4.06	347	ePg	IAML	02 15 59.7		
BANOM	Banah	4.09	118	P	Pn	02 14 38.9	0.0	
BANOM	Banah	4.09	118	iP	Pn	02 14 38.9	0.0	
ISAD	Sadrabad	4.14	17	Pn	Pn	02 14 41.7	+2.0	
ISAD	Sadrabad	4.14	17	ePg	Pn	02 14 42.3	+2.6	
ISAD	Sadrabad	4.14	17	ePg	IAML	02 15 04.8		
ISAD	Sadrabad	4.14	17	ePg	Pn	02 16 00.2		
ISAD	Sadrabad	4.14	17	ePg	IAML	02 16 00.9		
AJN	Aljan	4.14	144	P	Pn	02 14 41.2	+1.7	
AJN	Aljan	4.14	144	ePg	Pn	02 14 41.5	+2.0	
NAZ	Nazwa, Dubai	4.21	134	P	Pn	02 14 41.7	+1.3	
NAZ	Nazwa, Dubai	4.21	134	iP	Pn	02 14 41.6	+1.1	
NAZ	Nazwa, Dubai	4.21	134	ePg	Pn	02 14 41.8	+1.3	
NGRK	Negar Kerman	4.24	65	ePg	Pn	02 14 42.5	+1.3	
NGRK	Negar Kerman	4.24	65	ePg	IAML	02 16 00.2		
NGRK	Negar Kerman	4.24	65	ePg	Pn	02 16 18.7		
NGRK	Negar Kerman	4.24	65	ePg	IAML	02 16 23.9		
ASUD	Ai Ashush, Dub	4.28	140	P	Pn	02 14 42.6	+1.3	
ASUD	Ai Ashush, Dub	4.28	140	iP	Pn	02 14 42.5	+1.1	
ASUD	Ai Ashush, Dub	4.28	140	ePg	Pn	02 14 43.2	+1.9	
MSFE	Esmā-Masafi	4.30	126	iP	Pn	02 14 42.0	+0.2	
MSFE	Esmā-Masafi	4.30	126	ePg	Pn	02 14 42.2	+0.4	
ZNGN	Zangian	4.35	344	ePg	Pn	02 14 40.3	+1.7	
ZNGN	Zangian	4.35	344	ePg	IAML	02 16 22.1		
ZNGN	Zangian	4.35	344	ePg	Pn	02 16 22.3		
ZNGN	Zangian	4.35	344	ePg	IAML	02 16 25.9		
KHGB	Koh Gabri	4.38	55	ePg	Pn	02 14 44.3	+1.3	
KHGB	Koh Gabri	4.38	55	ePg	IAML	02 15 17.8		
KHGB	Koh Gabri	4.38	55	ePg	Pn	02 16 16.4		
KHKS	Kohestak	4.38	105	ePg	Pn	02 14 43.1	+0.3	
KHKS	Kohestak	4.38	105	ePg	IAML	02 16 32.2		
KHKS	Kohestak	4.38	105	ePg	Pn	02 16 45.0		
KHKS	Kohestak	4.38	105	ePg	IAML	02 17 11.4		
TVBK	TV Kerman	4.40	61	ePg	Pn	02 14 45.3	+1.9	
TVBK	TV Kerman	4.40	61	ePg	IAML	02 15 14.2		
TVBK	TV Kerman	4.40	61	ePg	Pn	02 16 03.1		

Code	Station Name	A ^z	A ^z	Phase ID	ISC	Time	Res	ISC
						h m s		
TVBK	TV Kerman	4.40	61	ePg	Pn	02 16 09.5		
IGAR	Gharneh	4.45	357	ePg	Pn	02 14 44.9	+0.9	
IGAR	Gharneh	4.45	357	ePg	IAML	02 15 09.1		
IGAR	Gharneh	4.45	357	ePg	Pn	02 16 15.6		
ROKH	Rokh	4.53	346	ePg	Pn	02 14 45.2	+0.2	
ROKH	Rokh	4.53	346	ePg	IAML	02 16 22.5		
ROKH	Rokh	4.53	346	ePg	Pn	02 16 22.9		
ROKH	Rokh	4.53	346	ePg	IAML	02 16 33.9		
ROKH	Rokh	4.53	346	ePg	Pn	02 14 45.9	+0.1	
UOSS	Minazif	4.60	130	ePg	Pn	02 15 35.9	-3.0	
UOSS	Minazif	4.60	130	ePg	Sn	02 15 45.6	-0.1	
UOSS	Minazif	4.60	130	ePg	Pn	02 14 45.6	-0.1	
UOSS	Minazif	4.60	130	ePg	Pn	02 14 45.9	+0.1	
HATD	Hatta, Dubai	4.63	131	P	Pn	02 14 46.7	+0.5	
HATD	Hatta, Dubai	4.63	131	iP	Pn	02 14 46.4	+0.2	
HATD	Hatta, Dubai	4.63	131	iP	Pn	02 14 46.7	+0.5	
ICHK	Chekehek	4.66	23	ePg	Pn	02 14 48.9	+2.1	
ICHK	Chekehek	4.66	23	ePg	Pn	02 14 48.2		
ICHK	Chekehek	4.66	23	ePg	IAML	02 15 09.6		
ICHK	Chekehek	4.66	23	ePg	Pn	02 15 51.6		
ICHK	Chekehek	4.66	23	ePg	IAML	02 16 04.1		
ASHO	Ashiyah	4.68	133	P	Pn	02 14 47.4	+0.5	
ASHO	Ashiyah	4.68	133	iP	Pn	02 14 47.0	+0.1	
ASHO	Ashiyah	4.68	133	ePg	Pn	02 14 47.3	+0.4	
ASHO	Ashiyah	4.68	133	ePg	Pn	02 14 51.8	+2.4	
ASHO	Ashiyah	4.68	133	ePg	Pn	02 16 12.0	-0.7	
YZKH	Yazd	4.86	24	ePg	Sg	02 14 51.8	+2.4	
YZKH	Yazd	4.86	24	ePg	Pn	02 14 51.4	+0.7	
YZKH	Yazd	4.86	24	ePg	Pn	02 14 51.4	+0.7	
YZKH	Yazd	4.86	24	ePg	IAML	02 15 20.7		
IZEF	Zefreh	4.94	0	ePg	Pn	02 15 56.2		
IZEF	Zefreh	4.94	0	ePg	IAML	02 16 09.5		
IZEF	Zefreh	4.94	0	ePg	Pn	02 16 09.5		
ALNE	Al Ain	4.96	141	iP	Pn	02 14 51.8	+1.1	
ALNE	Al Ain	4.96	141	ePg	Pn	02 14 52.0	+1.2	
CHMN	Cheshme madani	4.97	66	ePg	Pn	02 14 53.9		
CHMN	Cheshme madani	4.97	66	ePg	IAML	02 16 14.6		
CHMN	Cheshme madani	4.97	66	ePg	Pn	02 16 46.5		
ANAR	Anarak	5.37	13	ePg	Pn	02 14 57.9	+1.3	
ANAR	Anarak	5.37	13	ePg	IAML	02 15 30.2		
IKLH	Kolahrood	5.40	354	Pn	Pn	02 14 57.5	+0.5	
IKLH	Kolahrood	5.40	354	ePg	Pn	02 14 57.6	+0.5</	

MAKU Maku	1.79 300	Pn	Pn	07 06 20.0	-1.2
MAKU Maku	1.79 300	ePn	Sb	07 06 44.0	-0.6
MAKU Maku	1.79 300	ePn	Sb	07 06 20.1	-1.2
MAKU Maku	1.79 300	ePn	Sb	07 06 44.9	+0.2
BRDA	1.81 12	U	Pb	07 06 20.1	-1.2
BRDA	SNR=35			07 06 22.7	-0.4
BRDA	Heyderabad	1.89 311	U	07 06 48.5	+1.0
SAAT	Saatly	1.92 44	U	07 06 22.1	-0.4
SAAT	SNR=25			07 07 23.0	+0.3
SAAT	Zardab	1.95 23	U	07 06 50.8	-0.1
SAAT	SNR=55			07 06 23.0	-0.2
ZRD	GANJ	2.17 353	U	07 06 52.6	+0.8
ZRD	SNR=26.7			07 06 26.7	+0.3
GANJ	Kurdemir	2.21 31	U	07 06 56.6	-0.1
KDMR	KDMR	2.25 31	U	07 06 26.9	+0.1
GNI	Garni	2.25 318	U	07 07 00.5	+0.3
GNI	Garni	2.25 318	U	07 06 28.9	+1.3
GNI	Garni	2.25 318	U	07 06 52.2	-3.7
GNI	Garni	2.25 318	ePn	07 06 29.0	+1.5
GNI	Garni	2.25 318	ePn	07 06 29.0	+1.5
CLDR	Caldiran	2.27 288	U	07 06 29.0	+1.5
CLDR	Caldiran	2.27 288	U	07 06 29.1	+1.3
CLDR	Caldiran	2.27 288	U	07 07 00.6	+1.1
CLDR	Caldiran	2.27 288	U	07 06 29.1	+1.3
CLDR	Caldiran	2.27 288	U	07 06 29.1	+1.3
MNGR	mingchevir, A	2.30 7	U	07 06 28.0	+0.5
MNGR	SNR=5				
ALIB	&Aumi;li-Bayra	2.32 50	U	07 07 02.8	-0.4
ALIB	SNR=32			07 06 29.0	+0.7
GDB	GEDABAY	2.35 342	U	07 07 03.4	-0.3
GDB	SNR=492			07 06 28.8	-0.1
ZNUK	Zanjan	2.41 138	U	07 07 03.5	-1.1
ZNUK	Zanjan	2.41 138	U	07 06 28.7	-1.0
ZNUK	Zanjan	2.41 138	U	07 06 28.7	-1.0
TASB	TASBURUN-IGDIR	2.42 309	U	07 06 31.5	+1.7
TASB				07 06 56.9	-3.2
VMUR	Van-Muradiye	2.49 283	U	07 06 33.0	+2.1
VMUR				07 07 10.4	+1.2
HAKT	HAKKARI	2.54 249	U	07 06 32.4	+0.9
HAKT				07 07 10.5	-0.1
DYDN	Diyadin	2.57 295	U	07 06 35.9	-0.2
DYDN				07 07 11.9	+0.2
IML	Ismayilli	2.57 26	U	07 06 32.6	+0.7
IML	SNR=5.8				
TVAN	Van	2.58 272	U	07 06 33.9	+1.8
TVAN				07 07 07.4	-1.1
QBL	Gabala	2.61 19	U	07 06 33.2	+0.8
QBL	SNR=23				
GBS	Oobustan	2.69 40	U	07 07 08.5	-0.7
GBS	SNR=22			07 06 34.1	+0.7
PQL	Pirkuli	2.73 32	U	07 07 10.7	-0.6
PQL	SNR=19			07 06 34.6	+0.5
SEKA	Sheki	2.75 8	U	07 07 13.2	+0.6
SEKA	SNR=20			07 06 35.0	+0.7
QZX	Qazax, Azerbai	2.76 339	U	07 06 34.3	-0.2
QZX	SNR=47				
GEVA	Gevas	2.86 268	U	07 07 11.8	-1.8
GEVA				07 06 38.5	+2.5
GNQ	Khinaliq	2.90 22	U	07 07 16.6	+0.1
GNQ	SNR=23			07 06 37.2	+0.6
ATGJ	Altighaj	2.94 35	U	07 06 37.7	+0.8
ATGJ	SNR=25				
DDFL	Dedoflistskaro	2.99 352	U	07 06 38.3	-0.3
DDFL				07 06 44.0	+0.9
GOBA	Gobu	3.03 50	U	07 07 28.2	+3.0
GOBA	SNR=13			07 06 38.7	+0.6
AGR	Hanur-Agry	3.08 292	U	07 06 41.9	+2.9
AGR	SNR=15			07 06 39.6	+0.5
DGRG	David-gareji	3.13 341	U	07 06 44.4	-1.2
DGRG				07 06 35.5	+5.8
DGRG	David-gareji	3.13 341	ePn	07 06 44.3	-1.2
DGRG				07 07 35.5	+5.8
ZKTA	Zakatala	3.15 359	U	07 06 40.1	+0.4
ZKTA	SNR=7.9				
TUTA	Tutak	3.16 288	U	07 06 43.1	+3.0
TUTA				07 07 29.5	-1.2
TUTA	Quba, Azerbai	3.18 25	U	07 06 40.8	+0.6
DIGO	Kars	3.21 308	U	07 06 45.8	-1.2
DIGO				07 07 35.0	+2.6
QASR	Qusar	3.26 21	U	07 06 41.5	+0.3
QASR	SNR=7.3				
KZRT	Kazreti	3.39 329	U	07 06 49.7	-0.3
KZRT				07 07 35.6	-2.6
IGZV	Ghazvin	3.50 126	U	07 06 44.8	0.0
IGZV				07 06 44.8	0.0
IGZV	comp=Z,4um,0.8s		IAML		
IGZV	comp=E,9um,0.8s		IAML		
IGZV	comp=N,6um,0.5s		IAML		
SIRT	Sirkat	3.50 255	U	07 06 52.4	+0.5
SIRT				07 07 32.7	-2.2
EATA	Eleskirt	3.54 294	U	07 06 50.6	-2.1
ILIN	Lien	3.57 176	U	07 06 46.8	+1.1
ILIN				07 06 46.8	+1.1
ILIN				07 07 50.2	
TBLG	Delisi	3.57 336	U	07 06 52.0	-1.1
TBLG				07 06 51.9	-1.1
HKZM	Kohzaman	3.57 150	U	07 06 45.9	+0.1
HKZM				07 07 32.4	
HKZM	comp=E,0.0nm,0.9s		IAML		
HKZM	comp=N,0.0nm,0.8s		IAML		
HKZM	comp=Z,0.0nm,0.6s		IAML		
TRLG	Trileti	3.64 328	U	07 06 53.8	-0.5
BGD	Bogdanovka	3.66 320	U	07 06 55.2	+0.6
SRMT	Siirt_Merkez	3.79 264	U	07 06 49.8	+1.2
AKH	Akhalkalaki	3.82 321	U	07 06 57.4	+0.1
AKH	Akhalkalaki	3.82 321	ePn	07 06 57.4	+0.1
DUS	Dusheti	3.91 338	U	07 06 58.0	-0.9
DUS				07 06 57.9	-0.9
IVIS	Veis	3.96 178	U	07 06 52.9	+2.0
IVIS				07 06 53.0	+2.0
IVIS				07 08 05.1	
IVIS	comp=Z,3um,1.2s		IAML		
IVIS	comp=E,3um,1.2s		IAML		
IVIS	comp=N,4um,1.1s		IAML		
IRAZ	Razeghan	4.02 139	U	07 06 51.5	-0.4
IRAZ				07 06 51.6	-0.4
IRAZ				07 08 00.2	
IRAZ	comp=E,7um,0.8s		IAML		
IRAZ	comp=Z,3um,0.7s		IAML		
IBZA	Bozab	4.12 166	U	07 06 53.5	+0.2
IBZA	Bozab	4.12 166	U	07 06 53.6	+0.2
IBZA				07 08 07.6	
IBZA	comp=E,0.0nm,1.1s		IAML		
IBZA	comp=N,0.0nm,0.7s		IAML		
IBZA	comp=Z,0.0nm,1.0s		IAML		
HAGD	Aghdareh	4.15 151	ePn	07 06 53.8	0.0
HAGD				07 07 15.4	
HAGD	comp=N,0.0nm,0.4s		IAML		
HAGD	comp=E,0.0nm,0.0s		IAML		
HAGD	comp=Z,0.0nm,0.0s		IAML		
GUDG	Gudauri	4.32 338	U	07 07 01.8	-4.1
GUDG				07 08 06.2	-1.7

SVAN	Silvan-Diyarba	4.33 267	eP	Pb	07 07 02.7	-3.4
IKOM	Komasi	4.35 171	U	Pn	07 06 57.5	+1.0
IKOM	Komasi	4.35 171	ePn	Pn	07 06 57.5	+1.0
IKOM			IAML		07 08 14.8	
IKOM	comp=E,0.0nm,2.4s		IAML			
IKOM	comp=N,0.0nm,1.5s		IAML		07 08 16.2	
IKOM	comp=Z,0.0nm,2.3s		IAML		07 08 18.0	
HSAM	Samen	4.54 160	ePn	Pn	07 07 01.8	+2.7
HSAM			IAML		07 08 22.8	
HSAM	comp=E,0.0nm,1.8s		IAML		07 08 23.7	
BNGS	Groznyy	4.73 278	ePn	Pn	07 07 06.9	+5.3
GROC	Groznyy	4.76 352	ePn	Pn	07 07 07.6	+0.7
GROC			pmx			
ONI	Oni	4.79 330	P	Pb	07 07 13.4	-0.4
ONI			S	Sg	07 08 19.9	-2.9
ZEI	Tsey	4.79 335	ePn	pmx	07 07 07.5	+5.0
ZEI			pmx			
IDOB	Doab	4.84 165	ePn	Pn	07 07 04.4	+1.2
YEDI	Yedisu-Bingol	4.89 293	U	Pb	07 07 08.5	+4.3
IKFM	Kafar-mosalmal	5.04 169	ePn	Pn	07 07 09.8	+4.1
IKFM			IAML		07 08 46.1	
IKFM	comp=N,0.0nm,1.4s		IAML		07 08 46.6	
IKFM	comp=Z,0.0nm,1.4s		IAML		07 08 50.9	
IKFM	comp=E,0.0nm,1.2s		IAML		07 07 08.5	+1.4
IKMR	Kamar-syah	5.14 164	ePn	Pn	07 08 43.2	
IVRN	Varamin	5.34 129	IAML		07 08 58.0	
IVRN	comp=N,994nm,0.6s		IAML		07 08 59.6	
IVRN	comp=Z,1um,0.8s		IAML		07 07 11.6	-0.8
NCK	Nalchik	5.53 336	eP	Pn	07 07 21.5	+6.1
PTK	Patek	5.73 276	eP	Pn	07 07 24.3	+5.9
KBZ	Khabaz	5.97 333	U	Pb	07 07 35.2	+1.3
KBZ	comp=Z,0.2nm,0.3s,baz=139,slow=13,SNR=5.6		Pb		07 08 53.9	
KBZ	comp=Z,0.6nm,0.3s,baz=145,slow=22,SNR=8.1		Lg			
IGLO	Ghaloghah	6.01 107	U	Pn	07 07 19.5	+0.2
IGLO	Ghaloghah	6.01 107	U	Pn	07 07 19.5	+0.2
IGLO			IAML		07 08 43.2	
IGLO	comp=N,0.0nm,0.9s		IAML		07 08 49.3	
IGLO	comp=Z,0.0nm,0.5s		IAML		07 08 49.3	
KIV	Kislovodsk	6.24 332	eP	Pn	07 07 23.3	+1.0
KIV			pmx			
KIV	comp=Z,16nm,1.1s		MLR			
IKLH	Kolohard	6.50 141	U	Pn	07 07 27.8	+1.7
IKLH	Kolohard	6.50 141	ePn	Pn	07 07 27.8	+1.7
IKLH			IAML		07 09 13.6	
IKLH	comp=N,631nm,1.0s		IAML		07 09 18.1	
IKLH	comp=E,642nm,0.7s		IAML		07 09 19.4	
ANAR	Anarak	7.78 131	ePn	Pn	07 07 44.0	+0.5
ANAR			IAML		07 10 14.5	
ANAR	comp=N,0.0nm,0.7s		IAML		07 10 16.4	
ANAR	comp=Z,0.0nm,1.6s		IAML		07 10 42.4	
KLNJ	Kolanjah	8.48 150	IAML		07 11 03.7	
KLNJ	comp=N,0.0nm,0.8s		IAML		07 07 59.0	-1.3
GEYT	Alibeck	9.01 90	U	Pn	07 09 42.5	+0.2
GEYT	comp=N,2.9nm,0.3s,baz=270,slow=10,SNR=9.5		Sn			
GEYT	comp=N,1.2nm,0.3s,baz=275,slow=16,SNR=4.2		LR		07 10 03.5	
GEYT	comp=N,1.58nm,19.5s,baz=350,slow=48		LR		07 07 59.1	-1.2
GYA0B	ALIBECK ARRAY	9.01 90	U	Pn	07 09 38.8	-3.5
GYA0B	comp=N,23nm,0.7s		U			
GYA0B	comp=N,48nm,1.1s		U			
GYA0B	ALIBECK ARRAY	9.01 90	ePn	Pn	07 07 60.0	-0.3
BR131	Keskin Array S	10.22 281	ePn	Pn	07 08 21.5	+4.5
BRTR	Keskin Array B	10.22 281	ePn	Pn	07 08 19.7	+2.7
BRTR	comp=N,0.1nm,0.3s,baz=91,slow=11,SNR=12		LR		07 12 28.4	
BRTR	comp=N,1.64nm,19.9s,baz=92,slow=39		LR		07 14 42.1	
EIL	Eilat	13.11 231	LR		07 09 10.4	-3.0
EIL	comp=N,204nm,19.9s,baz=87,slow=17		LR			
AB31	Akbulak array	14.37 37	U	Pn	07 11 46.4	-6.9
AB31	comp=N,3.7nm,0.6s,baz=220,slow=13,SNR=77		U			
AB31	comp=N,7.7nm,0.7s,baz=224,slow=21,SNR=7.4		U			
ABKAR	Akbulak array	14.37 37	U	Pn	07 09 11.1	-2.3
AKTO	Aktyubinsk	14.40 30	U	Pn	07 09 11.3	-2.6
AKTO	comp=N,7.1nm,0.6s		U		07 11 44.9	-9.2
AKTO	comp=N,8.6nm,0.6s		U		07 09 27.4	+0.1
RAYN	Ar Rayn	14.95 184	ePn	P	07 09 27.4	+0.1
RAYN	comp=N,3.3nm,0.9s		U			
RAYN	Ar Rayn	14.95 184	eP	pmx	07 09 37.5	0.0
RAYN	comp=Z,3.0nm,0.9s		U			
KARP	Karpathos	15.88 265	ePn	P	07 09 46.2	+1.2
KARP	comp=Z,47nm,0.8s	</				

1005

Table with columns: UZB, Uzynbulak, 3.62 252 eP, Pb, 07 51 08.7 -0.1, etc.

IDC 17 07:55:19.6:4.9, 44:28N:147:63E, h60km, mb3.5/8, mb1 3.7/9, mb1mx3.4/62, mbtmp3.8/9, ML2.7/1, Error ellipse: s-maj=31.9km s-min=2.4km az=71.0

ISCJB 17 07:55:23.0:7.0, 44:27N:147:76E:0.1, h108km, 4km, mb3.6/9, Error ellipse: s-maj=17.0km s-min=6.2km az=137.4

JMA 17 07:55:24.9:0.2, 43:91N:147:82E, h91km, M3.3

MOS 17 07:55:24.9:1.5, 44:87N:147:19E, h83km, mb4.2/4, Error ellipse: s-maj=21.2km s-min=10.2km az=58.9

SKHL 17 07:55:25.4:0.5, 44:21N:147:83E, h88km, 2km, mb4.5/5, msh5.6/6

ISC 17 07:55:24.0:1.0, 44:25N:147:76E:0.08, h98km, 7km, n45, s139/54, mb3.6/9, 3C-2D, Kuril Islands

Main table for 1005 section with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

2012 SEP

Main table for 2012 SEP section with columns: GLVR, comp=E, 5.91nm, 0.3s, smax, smax, etc.

MAN 17 08:04:05.7, 5:84N:125:56E, h197km, mb4.6, ML3.5, MS3.5, Mindanao

Table for MAN 17 08:04:05.7, 5:84N:125:56E, h197km, mb4.6, ML3.5, MS3.5, Mindanao

IDC 17 08:08:49.4:1.8, 19:38S:177:23W, h0km, mb3.9/7, mb1 4.2/7, mb1mx3.9/36, mbtmp3.9/7, Error ellipse: s-maj=58.1km s-min=25.4km az=145.0, Fiji Islands region

IDC 17 08:14:43.6:2.2, 15:35N:143:48E, h0km, mb3.2/3, mb1 3.3/3, mb1mx3.2/46, mbtmp3.2/3, Error ellipse: s-maj=56.7km s-min=27.2km az=63.0, Mariana Islands region

MAN 17 08:15:39.2, 10:38N:125:23E, h4km, mb4.5, ML3.3, MS3.3, 2C-1D, Leyte

Table for MAN 17 08:15:39.2, 10:38N:125:23E, h4km, mb4.5, ML3.3, MS3.3, 2C-1D, Leyte

NIED 17 08:22:00.39:10N:142:20E, h50km, Mw4.0 Best double couple: Mb1 1.300x1019:1.56:00000:1.56:00000: NPa2x:22.00001:1.70:00000:1.70:00000: JMA 17 08:22:33.7:0.1, 39:10N:142:21E, h43km, 1km, M3.9

JMA Felt II J1, IDC 17 08:22:38.9:3.0, 39:03N:142:09E, h92km, 26km, mb3.6/10, mb1 3.6/13, mb1mx3.5/43, mbtmp3.5/43, MS3.1/7, Ms1 3.1/7, ms1mx2.8/35, Error ellipse: s-maj=26.3km s-min=15.7km az=87.0

ISC 17 08:22:30.6:1.5, 39:05N:104:142:36E:0.07, h18km, 6km, n29, s182/35, mb3.9/10, MS3.2/3, Near east coast of eastern Honshu

Main table for 2012 SEP section with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

17d 8h

Main table for 17d 8h section with columns: JMK, Ichinoseki, 0.89 264 P, S, Pb, 08 22 48.4 +0.8, etc.

IDC 17 08:35:27.4:0.8, 11:82N:143:32E, h0km, mb4.2/11, mb1 4.4/12, mb1mx4.2/35, mbtmp4.2/12, ML3.9/1, MS3.4/14, Ms1 3.4/14, ms1mx3.2/39, Error ellipse: s-maj=28.0km s-min=14.9km az=100.0

ISCJB 17 08:35:29.0:0.4, 11:80N:143:20E:0.07, h25km, mb4.5/24, MS3.3/12, Error ellipse: s-maj=11.4km s-min=6.9km az=28.4

NEIC 17 08:35:32.9:0.3, 11:80N:143:28E, h35km, mb4.6/13, Error ellipse: s-maj=11.6km s-min=7.4km az=103.0

ISC 17 08:35:31.3:0.7, 11:79N:143:33E:0.1, h25km, n48, s096/40, mb4.5/24, MS3.2/12, South of Mariana Islands

Main table for 17d 8h section with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

17d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDPB Devils Postpil, KVN Kaiserville, NV01 Mina Array Bea, etc.

NNC 17 08:54:48.91.0.44:61N:80.42E, h0km, mb2.5, mpv2.3, Error ellipse: s-maj=119.3km s-min=6.1km az=118.0

Main table for 17d 10h section, listing various stations and their parameters. Includes stations like DJR Jarkent, KAPRS Kapalarasan, KAPRS Kapalarasan, etc.

NNC 17 08:59:08.41.1.44:95N:81.08E, h0km, mb2.7, mpv2.3, Error ellipse: s-maj=19.5km s-min=7.4km az=118.0

Table for 17d 10h section, listing stations like DJR Jarkent, DJR Jarkent, KAPRS Kapalarasan, etc.

ISCJB 17 09:18:47.1.0.5.24:11S:0.04:67:19W:0.03, h189km, 5km, mb3.5/1, Error ellipse: s-maj=7.3km s-min=4.3km az=20.1

2012 SEP

mb1 3.7/6, mb1mx3.4/27, mbtmp4.2/6, Error ellipse: s-maj=29.5km s-min=22.2km az=69.0

Table for 2012 SEP section, listing stations like SLA San Lorenzo, HJA Humahuaca, AZAP Zapla, etc.

ISC 17 09:31:31.2.1.2.50:06N:170.21W, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.6/29, mbtmp3.9/12, ML3.5/1, Error ellipse: s-maj=40.2km s-min=21.6km az=5.0

ISC 17 09:31:34.2.0.7.50:38N:0.06:170.28W:0.06, h33km, mb3.5/5, Error ellipse: s-maj=9.0km s-min=4.6km az=153.0

NEIC 17 09:31:36.2.0.0.50:38N:0.10:170.22W, h26km, ML3.4(AEIC), After AEIC

Table for 2012 SEP section, listing stations like NIKH Nikolski High, KOKF Korovin Flat P, KOKL Mount Kluchef, etc.

ISC 17 09:45:47.1.0.9.28:62N:82.19E, h0km, mb3.9/10, mb1 4.0/12, mb1mx3.8/59, mbtmp3.9/12, ML4.0/2, Error ellipse: s-maj=29.6km s-min=16.9km az=55.0

ISC 17 09:45:50.2.0.7.28:7N:0.1:82.13E:0.09, h33km, mb3.8/10, Error ellipse: s-maj=17.6km s-min=8.6km az=32.4

ISC 17 09:45:52.1.0.8.28:7N:0.2:82.3E:0.1, h35km, n15, r1523/16, mb3.8/10, Nepal

Table for 2012 SEP section, listing stations like SHL Shillong, THW Thamme Wali, CEP Cherat, etc.

1006

Table for 1006 section, listing stations like GERES GERESS Array B, NOA NORRAR Array B, WRA Warramunga Arr, etc.

NNC 17 09:46:46.2.1.8.53:54N:87.86E, h0km, mb3.6, mpv3.3, 5C-5D, Error ellipse: s-maj=15.0km s-min=8.9km az=68.0, Suspected Mining explosion., Southwestern Siberia

Table for 1006 section, listing stations like ZAAO Zalesovo Array, ZAAO Zalesovo Array, KURK Kurchatov, etc.

ISC 17 09:50:19.3:2.9.10:34N:127.19E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.5/40, mbtmp3.6/4, Error ellipse: s-maj=23.8km s-min=23.9km az=65.0, Philippine Islands region

Table for 1006 section, listing stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

UCR 17 10:07:58.7:1.4.13:09N:89.23W, h53km, n11 km, ML4.0, 1D, El Salvador

Table for 1006 section, listing stations like AIES Las Flores, AIES Las Flores, AIES Ujshata, etc.

ISC 17 09:31:35.9:1.0.50:36N:0.10:170.22W, h0km, h35km, n29, r147/30, mb3.6/5, South of Aleutian Islands

Table for 1006 section, listing stations like BOQS Boqueron, SNVI San Vicente, SNVI La Fuente, etc.

KRSC 17 10:24:03.5:1.6.49:44N:156.86E, h49km, n24km, ML3.9, Kuril Islands

Table for 1006 section, listing stations like SKR Severo-Kuril's, SKR Pauzhetka, PAU Pauzhetka, etc.

DJA 17 10:31:20.3:0.7.11:5:13:11:4E, h119km, 32km, ML4.0/13, ML4.0/13, South of Jawa

Table for 1006 section, listing stations like JAGI Jajag, Banyuwa, JAGI Jajag, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Asem Bagus, Banyuwangi, Taliwang, Pacitan, Wonogiri, Plampang, Wanagama, Waikabubak, Karang Pucung.

ISCJB 17 10:36:00.42.4, 10:34N:0:04:127:01E:0:05, h17km, 1.7km, mb4.2/14, Error ellipse: s-maj=8.7km s-min=7.5km az=170.7

IDC 17 10:36:00.6:1.0, 10:15N:126:48E, h0km, mb4.1/10, mb1 4.2/10, mb s-min=15.8km az=67.0

MAN 17 10:36:01.6, 10:36N:127:05E, h30km, mb4.7, ML3.6, MS3.5

NEIC 17 10:36:05.9:0.5, 9:91N:126:02E, h35km, mb4.4/5, Error ellipse: s-maj=30.7km s-min=6.7km az=73.0

ISC 17 10:36:01.2:3.5, 10:34N:0:05:126:92E:0:09, h8km, 21km, n37, c0594/47, mb4.3/14, 1C-2D, Philippine Islands region

Main table listing station data for the Philippine Islands region, including stations like Surigao, Butuan, Borongan, Maasin, Palo, Musuan, Jordan, Roxas, Luwuk, Pinlang, Manton Dam, Warramunga Arr, Alice Springs, Makanchi Array, Songoing Array, Alice Springs, Makanchi Array, Kurchatov Arr, Borovoye, Akbulak array, ARCS Array, Keskin Array, FINESS Array, Paso Flores.

ISCJB 17 10:53:05.7:0.6, 37:50N:0:03:35:67E:0:04, h7km, 8km, Error ellipse: s-maj=6.0km s-min=5.2km az=36.2

DDA 17 10:53:05.9, 37:53N:35:66E, h7km, ML2.6

ISK 17 10:53:06.9, 37:41N:35:46E, h9km, ML2.0/7

ISC 17 10:53:06.1:1.2, 37:50N:0:03:35:61E:0:04, h4km, 14km, n14, c1618/21, Turkey

Table listing station data for Turkey, including stations like Andir, Adana, Kayseri, Yuhay, Yuregiri, Gulek, Mersin, Konya-Eregli, Tahtakopru-Hat, Bunyan, Mersin, Keben-Mersin, Isikli, Bereket-Mersin.

MAN 17 10:54:42.9, 10:23N:125:21E, h32km, mb4.0, ML2.8, MS2.5, 1C, Leyte

Table listing station data for Leyte, including stations like Maasin, Palo, Oromoc, Borongan.

IDC 17 10:55:20.6:3.0, 5:66S:132:70E, h0km, mb3.6/1, mb1 3.8/3, mb1mx3.5/24, mbtmp3.6/3, ML3.4/2, MS3.3/1, Ms1 3.3/1, ms1mx2.5/26, Error ellipse: s-maj=14.0km s-min=17.0km az=80.0, Aru Islands region

Table listing station data for Aru Islands region, including stations like Warramunga Arr, Alice Springs, Warramunga Arr, Alice Springs, Aral.

ASAR comp=Z,95nm,21.1s,baz=16,slow=37 LR LR 11 06 30.9

MKAR Makanchi Array 68.62 325 P 11 06 25.4 -0.2

IDC 17 11:43:51.2:15.0, 17:35S:169:14E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.6/35, mbtmp3.7/5, ML3.2/1, Error ellipse: s-maj=242.2km s-min=59.7km az=74.0, Vanuatu Islands

Table listing station data for Vanuatu Islands, including stations like Mont Dzumac, Charters Tower, Stephens Creek, Warramunga Arr, Alice Springs.

MAN 17 11:58:26.9, 10:21N:125:19E, h34km, mb3.9, ML2.7, MS2.3, 1D, Leyte

Table listing station data for Leyte, including stations like Maasin, Surigao, Oromoc, Borongan, Lapu-Lapu, Butuan, Tagbilaran, Catarman, Musuan, Roxas.

MAN 17 12:15:17.6, 10:35N:125:26E, h13km, mb4.4, ML3.2, MS3.1, 1C-1D, Leyte

Table listing station data for Leyte, including stations like Maasin, Surigao, Oromoc, Borongan, Lapu-Lapu, Butuan, Tagbilaran, Catarman, Musuan, Roxas.

MAN 17 12:20:59.2, 10:35N:125:17E, h4km, mb4.5, ML3.3, MS3.2, 1C, Leyte

Table listing station data for Leyte, including stations like Maasin, Lapu-Lapu, Borongan, Butuan, Tagbilaran, Catarman, Musuan, Roxas, Odiong.

NNC 17 12:21:45.7:3.5, 37:00N:70:31E, h0km, mb3.9, mpv3.5, 3C-4D, Error ellipse: s-maj=27.3km s-min=23.8km az=159.0, Afghanistan-Tajikistan border region

Table listing station data for Afghanistan-Tajikistan border region, including stations like Sufi-Kurgan, MNAS, KK31, AAK.

SOME 17 12:34:42.5, 41:05N:71:12E, h5km, KRNET 17 12:34:46.5:0.1, 41:42N:70:88E, mb2

NNC 17 12:34:47.0:8.4, 41:18N:71:18E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=64.4km s-min=31.8km az=0.0

ISC 17 12:34:46.8:1.6, 41:23N:0:05:71:16E:0:05, h15km, 12km, n14, c121/27, 16C-D, Kyrgyzstan

Table listing station data for Kyrgyzstan, including stations like Arkit, IUG, MNAS, AML, MRKS, Sufi-Kurgan, EK52, ARLS.

baz=79 UCH Uchtor 2.70 67 P Pb 12 35 34.0 -1.1

AAK Ala-Archa 2.86 59 P Pg 12 35 38.2 +0.5

KST Kasket 4.01 62 eP Pb 12 35 58.9 +1.8

MAN 17 12:47:11.7, 7:09N:126:92E, h17km, mb4.6, ML3.4, MS3.3, 1C, Mindanao

Table listing station data for Mindanao, including stations like Mati, Bislig, Don Marcelino, Musuan, Butuan.

DJA 17 12:54:40.0:1.8, 11:51S:16:11E, h10km, M3.7/10, ML3.7/10, South of Jawa

Table listing station data for South of Jawa, including stations like Jajag, Banyuw, Karangbulak, Gumukmas, Asem Bagus, Singaraja, Pagerwojo, Taliwang, Sumb, Kalliang, Plampang.

SOME 17 12:56:43.6, 42:65N:75:62E, ISCJB 17 12:56:44.3:0.7, 42:66N:0:05:75:65E:0:05, h0km, Error ellipse: s-maj=6.9km s-min=5.4km az=158.2

NNC 17 12:56:44.6:1.2, 42:68N:75:61E, h0km, mb2.5, mpv2.2, Error ellipse: s-maj=7.7km s-min=4.9km az=138.0, Suspected Mining explosion.

ISC 17 12:56:47.1, 42:68N:0:04:75:70E:0:04, h0km, n10, c0577/13, 7C-6D, Lake Issyk-Kul region

Main table listing station data for Lake Issyk-Kul region and other stations, including Tokmak, Karagaybulak, Ulahol, KZA, AAK, MDOK, EK52, AML, KK31.

IDC 17 13:07:57.6:10.0, 16:82S:175:33E, h0km, mb4.1/3, mb1 4.2/4, mb1mx3.8/27, mbtmp4.1/4, ML3.9/1, Error ellipse: s-maj=202.3km s-min=100.5km az=107.0, Fiji Islands region

BUI 17 13:27:15.1, 11:76S:114:27E, h6km, mb4.7/30, mb5.1/21, Ms4.8/8, Ms7.4/5

NEIC 17 13:27:23.5:0.3, 10:88S:113:81E, h10km, mb4.7/11, Error ellipse: s-maj=10.4km s-min=5.4km az=32.0

ISCJB 17 13:27:25.1:0.3, 10:93S:0:03:113:81E:0:03, h33km, mb4.2/9, MS3.6/9, Error ellipse: s-maj=4.4km s-min=3.5km az=24.7

IDC 17 13:27:27.9:4.8, 10:76S:113:97E, h33km, 37km, mb4.0/18, mb1 4.2/21, mb1mx4.1/46, mbtmp4.3/21, ML4.5/3, MS3.5/9, Ms1 3.5/9, ms1mx3.2/28, Error ellipse: s-maj=17.6km s-min=12.5km az=57.0

DJA 17 13:27:27.9:0.3, 11:54S:11:41E, h91km, 12km, M4.8/24, mb4.7/17, mb5.2/7, ML4.4/9, MWM(B)4.6/7

ISC 17 13:27:27.0:0.4, 10:97S:0:05:113:88E:0:04, h35km, n102, c1981/109, mb4.5/29, MS3.9/9, South of Jawa

Table listing station data for South of Jawa, including stations like Denpasar, Jajag, Banyuw, DNP, Gumukmas, Singaraja, Asem Bagus, Banyuwangi, Pagerwojo, Taliwang, Pacitan, Kalliang, Gresik, Wonogiri, Ngawi, Plampang, Wanagama, UGM, SMRI, Waikabubak, Cisarump, Cisomet, Lembang, Lem.

17d 14h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Novokhoporsky, SNAE, VORD, VSR, BR131, BRTR, OBN, AKASG, KIEV, FINES, J05D, PKM, SBC, MSO, NVAR, ISA, CWC, HLID, LRMC, MPMC, BOZ, GSC, R11A, TPPO, BELO, GMRC, IRM, LAO, ANMO, MNTX, G40A, E43A, H40A, THXAR, WMOK, CPUP, JCT, S39A, P42A, T39A, WHTX, HHAR, R41A, U39A, T40A, N45A, V39A, R42A, U40A, Q43A, O45A, W39A, L48A, T41A, P44A, SFIN, MOQ, S42A, X39A, R43A, M48A, N47A, LNIG, U41A, LONY, W40A, P45A, T42A, MIAR, M49A.

2012 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Mountainview, Sheridan, Decatur, Rosedale, Fulton Ridge, Waltonville, Warren Harvey, Revenden, WHAR, OLIL, T43A, N49A, W41B, M50A, X40A, O48A, V42A, R45A, NCB, P47A, NATX, S45A, N50A, O49A, Y41A, R46A, P48A, O50A, U44B, R47A, ACSSO, M54A, Y42A, WCI, P50A, Q49A, O51A, T46A, X43A, B2NY, O52A, P51A, R49A, T47A, T47A, Y50A, Q50A, W45A, Q41A, BDFB, WWT, WWT, HRV, T48A, S49A, U47A, V46A, Y44A, R50A, KSPA, OXF, OXF, OXF, S42A, X45A, P53A, P53A, V47A, U48A, R51A, Q52A, S5P, S5P, T49A, T49A, W46A, S50A, X46A, PLAL, MCWV.

1010

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Westpoint, State Game Lan, W49A, R52A, V48A, V48A, ODNU, T50A, 443A, S51A, S51A, Y46A, 244A, VBMS, W48A, V49A, T51A, U50A, MVL, 245A, Y47A, W49A, X48A, X48A, 146A, T52A, SWET, SWET, V50A, TZTN, MNMC, Y48A, 445A, X49A, W50A, W50A, V51A, V51A, U52A, Z48A, 147A, CPCT, W51A, V52A, V52A, X50B, Y49A, Y49A, U53A, TKL, TKL, 148A, BLA, LRLAL, LRLAL, 546A, Y50A, Z49A, CVRD, W52A, W52A, V53A, V53A, 149A, Z50A, Z50A, W53A, 348A, X52A, 249A, Z51A, 448A, 150A, X53A, Y52A, Y52A, V53A, KMCS, KMCS, Z52A, PAULI, 350A, 152A, 152A, 251A, GOGA, Z53A, LPZA, LPZA, LPZA, Z54A, 451A.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BUR04 Bucovina Ar. S, ARU Arti, ARU Arti, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like O20A White River Ci, USKR Ussuriysk Ar., LZH Lanzhou, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GDZ Gediz, KUTH Kutahya, GEDZ Gediz, etc.

17d 18h

DSN 17 17:00:20.5:1.9,27:18N:54.05E,h15km,ML3,777, Error ellipse: s-maj=23.5km s-min=7.9km az=177.0 OMAN 17 17:00:20.6:1.6,27:05N:53.72E,h19km, Error ellipse: s-maj=108.0km s-min=27.8km az=232.0 ISC 17 17:00:19.5:1.0,27:18N:0.04:0.54:0.04,h19km,n47, e=200/47, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Jahrom, Ghir-Karzin, Bandar-Abbas, Shamm, Nian, Nazwa, Esma-Masafi, Ashush, Kazeroun, Negar Kerman, Al Ain, Kerman, Koh Gabri, Muzera, Matagalpa, Matias Romero, El Rosal, Santo Domingo, Livingston, Ashland, Franklin, Williamson, Makayla and Ka, Houston, Eaglette Beard, UPCARC, Winfie, Jasper, Blount Mountain, Monticello, Piedmont, Sparta.

ISC/JB 17 17:09:18.0:0.5,40:50N:0.03:43:03E:0.03,h8km,5km, Error ellipse: s-maj=5.6km s-min=4.0km az=148.8 ISK 17 17:09:17.5,40:53N:43.02E,h10km,ML2,1/4 D/A 17 17:09:17.7,40:51N:43.02E,h7km,ML2,6 TIF 17 17:09:18.1,40:54N:43.04E,h21km,3km ISC 17 17:09:17.8:1.0,40:53N:0.03:43:03E:0.03,h10km,9km, n18,e=47/127, Turkey-Georgia-Armenia border region

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

2012 SEP

Table with columns: EAK, Akyaka, 0.47, 70, P, Pg, 17 09 27.0, 0.0. Rows include stations like Senkaya-Erzuru, Eleskirt, Bogdanovka, Hanur-Agry, Akhalkalaki, Horasan, Demirkent, Tasburun-IGDIR, Tutak, Trileti, Kizreli, Garni, Borcka, Cayelli-Rize, David-gareji, Borcka, Cayelli-Rize, David-gareji.

IDC 17 17:49:25.5:1.1,29:09N:142.39E,h0km,mb3.6/5, mb1 3.9/6,mb1mx3.5/35,mbtmp3.5/6,ML3.5/1,MS2.7/3, Mb1 2.7/3,ms1mx2.4/45, Error ellipse: s-maj=38.9km s-min=21.7km az=78.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Hachijo jima 2, Mjuro, Juno, KRSR, ZALV, WRA, MKAR, ASAR, NVAR.

UCR 17 18:02:51.8:2.2,12:95N:90.46W,h116km,77km,ML4.1, mb4.4(NEIC)

NEIC 17 18:02:59.3:1.1,13:12N:89.88W,h60km,10km,mb4.4/16, Error ellipse: s-maj=15.8km s-min=7.3km az=49.0

IDC 17 18:02:59.3:2.0,13:23N:89.73W,h59km,18km,mb3.9/12, Mb1 4.2/15,mb1mx3.8/53,mbtmp4.2/15,MS3.9/7, ms1 3.3/9,ms1mx3.0/37, Error ellipse: s-maj=28.7km s-min=14.3km az=49.0

ISC 17 18:02:57.6:1.6,12:88N:0.008:90:30W:0.07,h55km,13km, n208,e1547/209,mb4.5/26, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like San Blas, San Jose, El Retiro, Colinas, Ixapaco, Boqueron, Serv Nac Est T, San Salvador, El Faro, La Fuente, Las Brisas, Las Pavas, San Vicente, Lacayo, San Miguel, El Apazote, La Ca-ada, Conchagua, Conchagua, Conchagua, Cristobal, Telica 3, Cerro Negro, Copaltepe, Momotombo, Estel, Matagalpa, Matias Romero, El Rosal, Santo Domingo, Livingston, Eclectic, Lakeview Retre, Columbiana, Lajas Array, Northport, Ashland, Franklin, Williamson, Makayla and Ka, Houston, Eaglette Beard, UPCARC, Winfie, Jasper, Blount Mountain, Monticello, Piedmont, Sparta.

1014

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Rockmart, Bonneville, Ruessville, Hartselle, Mount Ida, Fountain Ranch, Woodville, Payne, La Paz, Hickory Valley, Pulaski, Dahlonega, Westpoint, Belvidere, Niagaeze, Estanolee, Cord, Mountainview, Holladay, Wits Springs, Smith Brothers, Nunnely, Wmokee, Wichita Mountain, Wichita Mountain, McMinnville, Atahualpa, Pikeville, Waverly, Cornudas Mount, Springville, Leonard, Yellville, Kings Mountain, Clarksville, Gaspe Pea, Po, Muleshoe, Boiling Sp, Jamestown, Van Buren, La Follette, Mountain View, Princeton, Sharon Grove, Cleveland, Mansfield, Diamond, Bowling Green, Fall Branch, Edmonton, Nancy, Fulton Ridge, Jilco Farms, Carbondale, Hartford, Don Dixon Farm, Bolivar, Stockton, Wiedeman Farm, Cooke's Peak, D, Rosebud, Gibon Southern, Skylar, Fairri, Fenwick Farm, Wyandotte Cave, Wyandotte Cave, Woolly Knot Far, Warren Harvey, Truxton, Cooks Store, Willow Grove F, Bedford North L, ANMO Albuquerque, Salmury, Lathrop, Trinidad, Potomac.

17d 19h

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like KDAX, KURK, SRDT, etc.

2012 SEP

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like NIL, ARU, GSI, etc.

1018

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like KIV, KBZ, ORV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like T42A Van Buren, R44A Waltonville, N49A Columbus Grove, etc.

ISCJB 17:19:16.51.5.0.5, 37.51N, 0.03:35.71E, 0.03, h7km, 6km, Error ellipse: s-maj=5.0km s-min=4.1km az=110.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like ANDN Andirin, SAJM ADANA, YAHY KAYSERI, etc.

ISCJB 17:19:26.51.4.0.8, 9.35S, 159.07E, h0km, mb3.9/8, mb1.4/1.0, mb3.0/3.1, mbmp3.9/10, ML2.6/3.72, Error ellipse: s-maj=23.2km s-min=14.1km az=175.0

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

ISCJB 17:19:33.56.7.0.7, 72.43N, 0.05:3.5E, 0.2, h10km, mb3.4/5, Error ellipse: s-maj=7.5km s-min=6.5km az=161.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like IDC 17:19:33.56.4.1.2, TRO Tromso, STEI Steigen, etc.

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

NEIC 17:19:43:24.5.1.4, 3.14N, 92.82E, h10km, mb4.3/1, Error ellipse: s-maj=28.6km s-min=13.9km az=188.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like PSI Prapat, PSI Pallekele, PALK Panglima, etc.

IDC 17:19:44:03.5.1.4, 27.31N, 103.97E, h0km, mb3.3/4, mb1.3/5.4, mb1m3.3/4.5, mbmp3.3/4, Error ellipse: s-maj=87.6km s-min=23.5km az=65.0, Yunnan

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

IDC 17:20:00:07.2.2.2, 17.67S, 173.99W, h0km, mb4.1/5, mb1.4/3.6, mb1m3.9/4.2, mbmp4.1/6, ML3.8/1, Error ellipse: s-maj=116.1km s-min=24.2km az=144.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like BUJ 17:20:07:51.3, 6.07S, 150.50E, h104km, mb5.4/73, mb5.4/52, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like RABL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

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.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like QLP Quipti, ANA2 Anatahan, DZM Mont Dzumac, etc.

17d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MTSU Mount Surprise, COEN Coen, RIV Riverview, etc.

2012 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMBL Kambalda, MBWA Marble Bar, WSI Waingapu, etc.

1024

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMI Kambalda, KMI Marble Bar, KMI Meekatharra, etc.

NNC 17 23:39:11.7z.0.44'08N:77.51E, h0km, mb2.7, mpv2.4, Error ellipse: s-maj=15.7km s-min=7.2km az=161.0

KRNET 17 23:39:12.5z.0.1, 42.35N:77.79E, h17km, mb2.1

SOME 17 23:39:14.2, 42.43N:77.82E, h10km

ISC 17 23:39:13.5z.1.1, 42.44N:0.03:77.80E, 0.02, h12km, 9km, n39, r1927/75, 27C-17D, Lake Issyk-Kul region

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

IDC 17 23:40:41.3z.2.1, 11.34S:114.30E, h0km, mb3.5/5, mb1 3.6/6, mb1mx3.5/3, mbtmp3.5/6, ML3.1/1, Error ellipse: s-maj=107.52km s-min=20.1km az=47.0, South of Bali

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the IDC event.

ISN 17 23:44:45.1z.0.7, 37.18N:43.58E, h0km, 2km, ML3.1

DDA 17 23:44:47.5z.37.17N:43.75E, h2km, ML3.1

ISK 17 23:44:51.4z.37.36N:43.56E, h5km, ML3.1/13

ISC 17 23:44:51.4z.2.4, 37.31N:0.09:43.59E, 0.07, h1km, 12km, n22, c199/50, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the ISN, DDA, ISK, and ISC events.

IDC 17 23:51:03.8z.1.7, 10.60N:126.90E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.6/40, mbtmp3.9/5, Error ellipse: s-maj=172.4km s-min=20.7km az=67.0

MAN 17 23:51:08.5z.10.89N:126.72E, h24km, mb4.1, ML2.9, MS2.6

ISC 17 23:51:06.1z.2.3, 10.66N:0.05:126.65E, 0.09, h15km, 13km, n13, c1947/20, mb4.0/5, 2C-1B, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the IDC, MAN, and ISC events.

IDC 17 23:55:46.0z.2.7, 11.26S:115.57E, h0km, mb3.2/3, mb1 3.9/4, mb1mx3.3/36, mbtmp3.4/4, ML2.9/1, Error ellipse: s-maj=135.2km s-min=26.2km az=46.0, South of Bali

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the IDC event.

IDC 17 23:56:05.5z.2.7, 30.88S:59.23E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/44, mbtmp3.7/4, Error ellipse: s-maj=91.0km s-min=33.7km az=43.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the IDC event.

ISC/JB 18 00:14:22.4z.1.8, 12.10N:0.08:88.61W, 0.05, h15km, 19km, mb3.6/3, MS3.2/2, Error ellipse: s-maj=15.9km s-min=4.8km az=27.0

UCR 18 00:14:24.2z.1.3, 12.14N:88.62W, h27km, 12km, ML3.4

IDC 18 00:14:38.5z.6.8, 13.41N:88.53W, h75km, 41km, mb3.5/3, mb1 3.6/5, mb1mx3.2/43, mbtmp3.6/5, ML2.8/2, MS3.3/3, Ms1 3.3/3, ms1mx2.7/29, Error ellipse: s-maj=71.0km s-min=40.6km az=171.0

ISC 18 00:14:22.8z.2.0, 12.04N:0.10:88.51W, 0.07, h28km, 16km, n28, c1941/33, mb3.8/3, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the IDC and ISC events.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the PACA event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the LBRF event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the CNNG event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the SDV event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the ULM event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the BDFB event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the MAN event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the NAO event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the NEIC event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the HSP event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the SPAO event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the ARAO event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the ARCS event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the HFS event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the FIAO event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists stations for the CLL event.

Table with columns: ILAR, comp, pmax, pmax, SRU, San Rafael SWE, 64.44, 59, eP, P, 01 02 52.5 +1.4, etc.

Table with columns: SRU, San Rafael SWE, 64.44, 59, eP, P, 01 02 52.5 +1.4, etc.

Table with columns: LPGA, La Plagne, 82.07, 338, eP, P, 01 04 35.2 +0.3, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, etc.

ISCJB 18 01:02:51.7±0.9, 10:84S±0.06:114:01E±0.06, h33km, mb3.1/3, Error ellipse: s-maj=9.5km s-min=7.7km az=29.5

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, etc.

ISC 18 01:02:52.7±1.3, 10:86S±0.09:113:97E±0.07, h35km, n14, ±11°16', mb3.0/3, South of Java

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, etc.

18CD 1h

Table with columns: RCD, Station Name, Time, Az, Phase ID, Pn, Res. Includes stations like Roxas, Don Marcelino, etc.

MEX 18 01:29:37.20...7.14312N.92.48W, h87km, 15km, MD3.6, Near coast of Chiapas. Table with columns: Code, Station Name, Az, Phase ID, Pn, Res.

ISC/JB 18 01:41:50.4...0.4.32.55S:0.04:179.9W:0.1, h300km, mb3.8/7, Error ellipse: s-maj=13.7km s-min=3.6km. Table with columns: Code, Station Name, Az, Phase ID, Pn, Res.

2012 SEP

Table with columns: THZ, Topose, Time, Az, Phase ID, Pn, Res. Includes stations like Roxas, Don Marcelino, etc.

MOS 18 01:44:48.0...0.8.57.14N:154.45W, h35km, mb5.6/146, MS4.7/25, Error ellipse: s-maj=6.8km s-min=4.6km

GCMT 18 01:44:48.0...0.2.56:85N:102.154:39W:0.02, h30km, Mw5.2/108, Moment Tensor Solution s7.7, c1.16

ISC/JB 18 01:44:48.0...0.2.57:13N:154.25W:0.02, h35km, 1km, mb5.4/13, MS4.7/31, Error ellipse: s-maj=2.3km

BUI 18 01:44:48.0...0.57:10N:154.30W, h53km, mb5.5/66, m85.3/43, Ms5.1/47, Ms2.4/8/45

ISC 18 01:44:48.0...0.4.57:08N:154.47W, h37km, 2km, mb5.0/40, mb1.5/143, mb1mx5.0/57, mbtmp5.2/43, ML4.2/3, MS4.4/26, Ms1.4/26, mb1mx4.3/31, Error ellipse: s-maj=11.7km s-min=7.0km az=6.0

NEIC 18 01:45:04.0...0.56:94N:154.14W, h39km, mb5.5/299, MS4.7/93, MWS:1, ML5.1(AEIC), Moment Tensor Solution s31

ISC 18 01:44:48.0...0.2.57:02N:154.28W:0.02, h37km, h37km:pp-P, 1.856, e133/2037, mb5.4/619, MS4.6/132, 65C-32D, Kodiak Island region

Table with columns: Code, Station Name, Az, Phase ID, Pn, Res. Includes stations like Sitkinak Island, Old Harbor, etc.

1030

Table with columns: SML, Topose, Time, Az, Phase ID, Pn, Res. Includes stations like Roxas, Don Marcelino, etc.

L39A	Vinton	41.52	83	P	P	01 52 33.0 -0.1
MSTX	Muleshoe	41.54	101	eP	P	01 52 34.8 +1.3
MSTX	Muleshoe	41.54	101	P	P	01 52 34.6 +1.2
K40A	Colesburg	41.60	82	P	P	01 52 33.5 -0.2
F43A	Flat Rock Esc	41.65	76	P	P	01 52 34.4 +0.3
O37A	Wolven Farm, M	41.70	87	P	P	01 52 35.2 +0.6
G43A	Wallace	41.75	77	eP	P	01 52 35.5 +0.7
G43A	Wallace	41.75	77	P	P	01 52 35.5 +0.6
ERM	Erimo	41.75	277	eP	P	01 52 35.3 +0.4
ERM	Erimo	41.75	277	d/P	LR	01 52 34.1 -0.8
ERM	Erimo	41.75	277	d/P	pmax	01 52 34.1 -0.8
J41A	Loganville	41.76	81	P	P	01 52 35.2 +0.2
H42A	Shiocton	41.79	78	eP	P	01 52 35.9 +0.7
H42A	Shiocton	41.79	78	P	P	01 52 35.4 +0.2
M39A	Webster	41.87	84	P	P	01 52 36.1 +0.1
MNTX	Cornudas Mount	41.91	106	eP	P	01 52 38.4 +2.0
MNTX	Cornudas Mount	41.91	106	P	LR	01 52 38.4 +2.0
MNTX	Cornudas Mount	41.91	106	P	LR	01 52 38.4 +2.0
JFWS	Jewell Farm	41.93	81	eP	P	01 52 36.4 -0.1
JFWS	Jewell Farm	41.93	81	eP	LR	01 52 36.4 -0.1
JFWS	Jewell Farm	41.93	81	eP	pmax	01 52 36.4 -0.1
JFWS	Jewell Farm	41.93	81	eP	MLR	01 52 36.4 -0.1
JFWS	Jewell Farm	41.93	81	P	MLR	01 52 36.3 -0.1
F44A	Big Bay Mac	41.95	75	P	P	01 52 37.2 +0.7
SRIG	Santa Rosalia	41.96	117	eP	P	01 52 38.2 +1.4
L40A	Anamosa	41.98	83	eP	P	01 52 36.6 -0.3
L40A	Anamosa	41.98	83	P	P	01 52 36.8 -0.1
I42A	Dræger Farm,	42.00	79	eP	P	01 52 37.5 +0.5
I42A	Dræger Farm,	42.00	79	P	P	01 52 37.3 +0.5
P37A	Lathrop	42.00	88	P	P	01 52 37.4 +0.4
GD2L	Guadalupe Moun	42.05	104	eP	P	01 52 39.5 +1.8
O38A	Galt	42.10	87	P	P	01 52 38.1 +0.2
N39A	Derby Farms, D	42.11	85	eP	P	01 52 38.0 +0.1
N39A	Derby Farms, D	42.11	85	P	P	01 52 37.9 0.0
K41A	Shullsburg	42.11	82	P	P	01 52 38.0 +0.1
H43A	Windswept, Lux	42.22	78	P	P	01 52 39.3 +0.5
J42A	Columbus	42.27	80	P	P	01 52 39.4 +0.2
M40A	Post Highland	42.28	84	P	P	01 52 39.0 -0.3
E45A	Wooded Hills,	42.35	74	P	P	01 52 40.5 +0.6
L41A	Preston	42.37	82	P	P	01 52 39.6 -0.4
ZEA	Zeya	42.41	300	eP	pmax	01 52 38.2 -2.0
ZEA	Zeya	42.41	300	eP	pmax	01 52 38.2 -2.0
ZEA	Zeya	42.41	300	eP	MLR	01 52 38.2 -2.0
ZEA	Zeya	42.41	300	eP	MLR	01 52 38.2 -2.0
I43A	Langenfield Br	42.41	79	P	P	01 52 40.9 +0.5
K42A	Prairie Point,	42.51	81	P	P	01 52 41.0 -0.1
O39A	Mertville	42.52	86	P	P	01 52 41.2 -0.1
N40A	Kirkwauke, Sal	42.60	84	P	P	01 52 41.4 -0.5
J43A	Natural Harves	42.60	79	P	P	01 52 41.8 -0.1
F45A	CMU Biological	42.62	75	P	P	01 52 42.5 +0.5
M41A	Milan	42.83	83	P	P	01 52 43.4 -0.3
Q38A	Cooks Spring, C	42.84	88	P	P	01 52 43.8 -0.1
L42A	Oliver, Polo	42.87	82	eP	P	01 52 43.7 -0.3
L42A	Oliver, Polo	42.87	82	P	P	01 52 43.5 -0.6
P39B	Salisbury	42.94	87	P	P	01 52 44.6 0.0
F46A	Macinaw City C	42.96	74	P	P	01 52 44.5 +0.7
KLR	Kul dur	43.01	293	P	P	01 52 44.4 -0.8
KLR	Kul dur	43.01	293	P	pP	01 52 55.3 -0.5
K43A	Burlington	43.11	80	eP	P	01 52 46.0 0.0
K43A	Burlington	43.11	80	P	P	01 52 45.9 -0.1
WMOK	Wichita Mounta	43.11	97	eP	P	01 52 47.2 +1.0
WMOK	Wichita Mounta	43.11	97	eP	LR	01 52 47.2 +1.0
WMOK	Wichita Mounta	43.11	97	eP	pmax	01 52 47.2 +1.0
WMOK	Wichita Mounta	43.11	97	eP	pmax	01 52 47.2 +1.0
N41A	Harden Midland	43.12	84	eP	P	01 52 46.1 0.0
N41A	Harden Midland	43.12	84	P	P	01 52 46.0 -0.2
Q39A	Willow Grove F	43.14	87	P	P	01 52 46.2 -0.1
M42A	Sheffield	43.20	82	P	P	01 52 45.1 -1.6
TEY	Ternei	43.23	285	eP	P	01 52 56.1 +9.2
R38A	Fenwick Farm,	43.24	89	P	P	01 52 46.1 -1.0
L43A	Garden Prairie	43.24	81	P	P	01 52 46.7 -0.4
SUMG	Summit	43.41	23	eP	P	01 52 48.2 -0.3
SUMG	Summit	43.41	23	iP	P	01 52 49.0 +0.6
SUMG	Summit	43.41	23	iP	eS	01 52 59.3 +0.1
SUMG	Summit	43.41	23	iP	P	01 52 49.1 +0.6
SUMG	Summit	43.41	23	iP	P	01 53 00.6
SUMG	Summit	43.41	23	iP	P	01 52 49.1 +0.6
SUMG	Summit	43.41	23	iP	pmax	01 52 49.1 +0.6
SUMG	Summit	43.41	23	iP	pmax	01 52 49.1 +0.6
N42A	Yates City	43.48	83	P	P	01 52 48.5 -0.5
O41A	Passleys Farm,	43.52	85	P	P	01 52 49.1 -0.3
S38A	Stockton	43.64	90	P	P	01 52 49.7 -0.7
M43A	Waltham Townsh	43.64	82	P	P	01 52 49.8 -0.5
GLMI	Graying	43.66	75	eP	LR	01 52 51.5 +1.1
GLMI	Graying	43.66	75	P	LR	01 52 51.1 +0.6

L44A	Lake County Fo	43.70	80	P	P	01 52 50.7 0.0
P41A	Barry, Barry	43.73	85	P	P	01 52 50.8 -0.3
T38A	Diamond	43.86	91	P	P	01 52 51.9 -0.3
TUL1	Leonard	43.87	93	eP	P	01 52 52.5 +0.3
TUL1	Leonard	43.87	93	P	P	01 52 52.4 +0.3
N43A	Stutzman Farm	43.87	83	P	P	01 52 51.7 -0.5
O42A	Bolivar	43.90	84	P	P	01 52 52.2 -0.2
S39A	Bolivar	43.92	89	eP	P	01 52 51.5 -1.1
S39A	Bolivar	43.92	89	P	P	01 52 51.4 -1.1
MAT0	Matagami	44.01	65	P	P	01 52 52.8 -0.4
SFJD	Kangerlussuaq	44.02	33	eP	P	01 52 53.9 +1.0
SFJD	Kangerlussuaq	44.02	33	iP	LR	01 52 54.0 +1.0
SFJD	Kangerlussuaq	44.02	33	iP	pmax	01 52 54.0 +1.0
SFJD	Kangerlussuaq	44.02	33	iP	pmax	01 52 54.0 +1.0
KBS	Kingsbay	44.05	4	eP	P	01 52 55.2 +2.0
KBS	Kingsbay	44.05	4	eP	P	01 52 54.5 +1.3
HDIL	Hopedale	44.08	83	eP	P	01 52 53.7 -0.1
HDIL	Hopedale	44.08	83	P	LR	01 52 53.7 -0.1
HDIL	Hopedale	44.08	83	P	LR	01 52 53.7 -0.1
J46A	Howard City	44.11	77	P	P	01 52 54.0 -0.1
Q41A	Truxton	44.15	86	P	P	01 52 54.3 -0.1
M44A	Midewin, Midew	44.17	81	eP	P	01 52 54.4 -0.1
M44A	Midewin, Midew	44.17	81	P	P	01 52 54.5 -0.1
P42A	Winchester	44.19	85	P	P	01 52 54.4 -0.3
P42A	Winchester	44.19	85	P	P	01 52 54.4 -0.3
ABTX	Ablene, Hawle	44.25	100	eP	P	01 52 56.2 +0.9
ABTX	Ablene, Hawle	44.25	100	P	P	01 52 56.1 +0.8
O43A	Sugar Creek Fa	44.26	83	P	P	01 52 55.5 -0.1
T39A	Cleveland	44.37	90	P	P	01 52 55.5 -0.8
K46A	Dorr	44.49	78	P	P	01 52 57.2 +0.1
N44A	Piper City	44.54	82	P	P	01 52 57.4 0.0
R41A	Rosebud	44.54	87	P	P	01 52 57.1 -0.5
Q42A	Golan Eagle	44.56	86	P	P	01 52 57.6 -0.1
P43A	Skaggs, Pawnee	44.60	84	P	P	01 52 57.8 -0.2
M45A	Bollermakers S	44.60	81	P	P	01 52 57.6 -0.4
HHAR	Hobbs	44.61	91	eP	P	01 52 58.0 -0.1
J47A	Summer	44.63	73	P	P	01 52 58.4 +0.3
TX31	Lajitas Ar. Si	44.67	106	eP	P	01 52 59.6 +0.7
L46A	Eue Claire	44.68	79	P	P	01 52 58.7 +0.1
T40A	Mansfield	44.75	89	P	P	01 52 58.2 -1.0
U39A	Green Forest	44.78	91	P	P	01 52 58.7 -0.8
LSQQ	Lebel-sur-Quev	44.79	66	P	P	01 52 59.2 -0.3
O44A	Mansfield	44.81	83	P	P	01 52 59.3 -0.3
N45A	Kentland	44.84	81	P	P	01 52 60.0 +0.1
S41A	Jill Farm	44.85	88	P	P	01 52 59.3 -0.8
R42A	Luebering	44.87	86	P	P	01 52 59.6 -0.6
K47A	Vermontville	44.92	78	P	P	01 53 00.7 +0.2
SPA0	Spitsbergen Ar	44.94	3	eP	P	01 53 00.8 +0.6
Q43A	New Douglas	45.00	85	P	P	01 53 01.4 +0.3
TOB0	Tolomory, Bru	45.02	73	P	P	01 53 01.6 +0.4
BELO	Belleterre	45.03	68	P	P	01 53 01.1 -0.2
M46A	Old House Fiel	45.07	80	eP	P	01 53 01.9 +0.1
M46A	Old House Fiel	45.07	80	P	P	01 53 01.8 +0.1
V39A	Pettigrew	45.09	91	P	P	01 53 01.6 -0.5
O45A	Potomac	45.14	82	P	P	01 53 02.3 0.0
U40A	Yellville	45.15	90	P	P	01 53 01.2 -1.2
VLD0	Val d'Or	45.18	67	eP	P	01 53 00.9 -1.5
P44A	Sand Creek, W	45.21	84	P	P	01 53 03.0 +0.1
N46A	Montello	45.22	81	P	P	01 53 02.9 0.0
T41A	Mountain View	45.24	88	P	P	01 53 01.9 -1.2
S42A	Caledonia	45.24	87	P	P	01 53 02.4 -0.8
FVM	French Village	45.29	86	eP	P	01 53 04.0 +0.5
FVM	French Village	45.29	86	eP	pmax	01 53 04.0 +0.5
L47A	Sherwood	45.29	79	P	P	01 53 03.5 0.0
K48A	Perry	45.30	77	P	P	01 53 03.9 +0.4
R43A	Red Bud	45.35	86	P	P	01 53 03.7 -0.3
SFIN	Lafayette	45.39	82	eP	P	01 53 04.6 +0.3
SFIN	Lafayette	45.39	82	P	P	01 53 04.4 +0.1
Q44A	Meyer Farm, Va	45.40	84	P	P	01 53 04.1 -0.2
W39A	Milagazine	45.49	92	eP	P	01 53 05.0 -0.1
W39A	Milagazine	45.49	92	P	P	01 53 05.1 0.0
M47A	Witts Springs	45.57	91	eP	P	01 53 05.1 -0.1
V40A	Witts Springs	45.57	91	P	P	01 53 04.9 -0.9
HPIG	Merriville Lake	45.57	110	eP	P	01 53 07.6 +1.5
BMRO	Merriville Lake	45.60	73	P	P	01 53 06.7 +0.8
KLBO	Killbear Provi	45.61	72	P	P	01 53 05.5 -0.5
T42A	Van Buren	45.62	88	eP	P	01 53 04.8 -1.3
T42A	Van Buren	45.62	88	P	P	01 53 04.7 -1.3
P45A	Graceland, Par	45.64	83	eP	P	01 53 06.5 +0.2
P45A	Graceland, Par	45.64	83	P	P	01 53 06.4 +0.1
U41A	Viola	45.67	89	P	P	01 53 05.2 -1.3
BOD	Bodaibo	45.70	312	iP	P	01 53 04.7 -1.8
BOD	Bodaibo	45.70	312	eP	P	01 53 13.4

BOD	Bodaibo	45.70	312	iP	P	01 53 04.7 -1.8
BOD	Bodaibo	45.70	312	eP	P	01 53 13.4
BRCO	Bruce Peninsula	45.73	74	P	P	01 53 07.8 +1.0
L48A	N Adams	45.73	78	P	P	01 53 07.0 +0.1
BA50	Ashfield	45.77	74	P	P	01 53 08.3 +1.1
S43A	North Ridge	45.78	87	P	P	01 53 07.2 -0.2
N47A	Urbana	45.80	80	P	P	01 53 07.1 -0.3
SCHO	Schefferville	45.82	54	eP	P	01 53 07.6 +0.1
SCHO	Schefferville	45.82	54	eP	P	01 54 44.4 +0.1
SCHO	Schefferville	45.82	54	eP	P	01 54 56.1
SCHO	Schefferville	45.82	54	eP	LR	02 12 06.9
SCHO	Schefferville	45.82	54	eP	LR	01 53 07.7 +0.1
SCHO	Schefferville	45.82	54	eP	pmax	01 53 07.7 +0.1
SCHO	Schefferville	45.82	54</			

18d 1h

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like Jarrell, Bedord North L, USIN University of, Jonesboro, Fremont, etc.

2012 SEP

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like Erie, Erie, Patkaki, La Tuque, Crenshaw, etc.

1034

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like Kingsville, Houston, Flagon Creek P, etc.

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like LBHN, 247A, 346A, 445A, 148A, etc.

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like CBN, BRAL, YLE, SNY, WES, PAULI, etc.

Table with columns: Station Name, Frequency, Power, Modulation, SNR, and other technical details. Includes stations like 255A, TJN, 355A, 553A, 256A, etc.

18d 1h

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like PESTR, TREB, AQU, AQU, AQU, etc.

2012 SEP

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like FNA, TOSP, UBPT, CUC, CARR, CMRT, CHTO, etc.

1038

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like SAML, SAML, SAML, RAYN, RAYN, RAYN, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DAV Davao City-Mi, DMPH DMPH, CTFB Cotabato-PC H, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SRAK Srakaw, TRTT TRTT, PSI Prapa, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MAJO Matsushiro, CMAA Cobar Meteorol, DL2 Dalian, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like VRI Vrincoia, PLOD Plostina, MLR Muntele Rosu, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like M40C Macdoel, O02D Mt. Diablo Mer, K05A Summer Lake, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like N46A Monticello, R38A Fenwick Farm, M50A Summit Lake, etc.

18d 3h

Table with columns: Station ID, Name, Time, Azimuth, Magnitude, and other parameters. Includes stations like SIUC, MCWV, P53A, R46A, Q51A, T43A, R47A, S45A, U51A, Q50A, R48A, WCI, WCI, V40A, V40A, V40A, V40A, S46A, U42A, R49A, V41A, R50A, JCT, JCT, JCT, W40A, W40A, S47A, U43A, R51A, X39A, V42A, S48A, R52A, S49A, T46A, WHAR, T46A, MIAR, MIAR, MIAR, WHTX, WHTX, W41B, W41B, T47A, T47A, W42A, T48A, U45A, U4ALR, X40A, X40A, X40A, V44A, S51A, S51A, S52A, U46A, T49A, T49A, X41A, CBN, CBN, V40A, U47A, U47A, T50A, V45A, WVT, U48A, 435B, 435B, V41A, T51A, V46A, U49A, T52A, T52A, V47A, X43A, X43A, W45A, U50A, 833A, 833A, Y42A, Z41A, V48A, X44A.

2012 SEP

Table with columns: Station ID, Name, Time, Azimuth, Magnitude, and other parameters. Includes stations like TZTN, W46A, U51A, 140A, U52A, Y43A, W47A, V49A, NATX, NATX, OXF, OXF, OXF, PLAL, Z42A, X45A, U53A, 141A, V50A, W48A, X46A, V51A, V51A, V52A, V52A, SWET, W49A, Y45A, X47A, TKL, CPCT, W50A, W50A, 241A, LVC, LVC, 142A, Z44A, HKT, HKT, V53A, V53A, Y46A, 143A, W51A, X48A, X48A, Z45A, Z45A, X49A, W52A, W52A, 341A, 341A, Y47A, W53A, X50B, 144A, Y48A, X51A, X51A, Z46A, BG3, 243A, 342A, KMSC, KMSC, 145A, X52A, V49A, V49A, 244A, Z47A, Z48A, LNIG, CNNC, PAULI, Y50A, X53A, 146A, 146A, Y51A, 245A, 147A, 147A, 344A, LRAL, LRAL, Z49A, Y52A, Y52A, HODGE, Z50A, Z50A, Y53A, 148A, JSC, BBSR, Z51A.

1044

Table with columns: Station ID, Name, Time, Azimuth, Magnitude, and other parameters. Includes stations like 247A, Y54A, 345A, 149A, 346A, Z52A, GOGA, GOGA, 150A, 253A, 544A, 254A, 347A, 249A, 151A, 152A, 152A, Z55A, 348A, 250A, 153A, 251A, 349A, 155A, 252A, 253A, 253A, 351A, 352A, LPAZ, HELE, KOLA, ISCJB, NAO, ISC, APA, APA, APA, VRF, VRF, KU6, KU6, MSF, MSF, SGF, SGF, KEV, KEV, RNF, RNF, ARAO, ARAO, ARAO, ARAO, ARAO, ARAO, ARAO, ARAO, ARAO, HEF, HEF, TOF, KTK1, KTK1, KTK1, OUL, LANU, LANU, KALU, HAMF, HAMF, ERTU, ERTU, KTEI, STEI, FIAO, FIAO, FIAO, ASAR.

STKA Stephens Creek 36.42 158 P P 03 39 47.6 -0.7
MKAR Makanchi Array 59.05 326 P S 03 42 46.0 +2.4

ATH 18 03:33:51.3, 37.85N-26.75E, h27km, 1km, ML2.7/2, Error ellipse: s-maj=3.5km s-min=1.2km az=238.0
ISCBJ 18 03:33:52.0, 37.86N-26.75E, h18km, 1km, ML2.9/3, Error ellipse: s-maj=4.1km s-min=2.8km az=153.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like SMG, DGB, GMLD, etc.

MOS 18 03:36:46.3, 2.5, 48.86N, 156.81E, h7km, mb4.6/1, Error ellipse: s-maj=9.2km s-min=7.1km az=81.8
KRSC 18 03:36:46.4, 2.5, 48.86N, 156.81E, h7km, 41km, ML4.4, East of Kuril Islands

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

IDC 18 03:51:26.0, 4.6, 28.84S, 176.60W, h0km, mb4.5/15, mb1.4/7.16, mb1mx4.6/29, mbtmp4.5/16, ML4.5/1, MS4.2/13, Ms1.4/2.13, ms1mx4.1/22, Error ellipse: s-maj=22.0km s-min=18.4km az=159.0

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

ellipse: s-maj=7.4km s-min=4.7km az=133.0
ISC 18 03:51:32.0, 4.0, 29.15S, 0.06:176.61W, 0.06, h36km
n150, e2836/157, mb4.8/70, MS4.2/11, 1C-2D, Kermadec

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations like RAO, RAO, RAO, etc.

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

IDC 18 03:53:29.7, 0.8, 31.97S, 69.12W, h111km, 25km, ML4.3
ISCBJ 18 03:53:30.0, 0.3, 31.35S, 0.02:69.29W, 0.03, h10km, mb4.6/6, Error ellipse: s-maj=3.6km s-min=2.6km az=25.9

Table with columns: SVWZ, Sparrevohn, 94.81, 11 eP, P, 06 25 21.3 -1.3, etc.

IDC 18 06:14:59.4,2.8,30*425x138.17E,h0km,mb1 3.3/4, mb1mx3.2/33,mbtmp3.1/4,ML3.0/4,Error ellipse: s-maj=62.6km s-min=15.0km az=41.0, South Australia

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

MAN 18 06:39:12.8, 10.33N, 126.44E, h1km, mb4.3, ML3.2, MS3.0, 1C, Philippine Islands region

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

IDC 18 06:42:23.0,3.0,10.74Sx114.110E,h0km,mb4 6/26, mb1 4.7/30,mb1mx4.6/45,mbtmp4.7/30,ML4.6/6,MS3.6/12, Ms1.3/6.12,ms1mx3.3/33,Error ellipse: s-maj=15.1km s-min=11.5km az=50.0

NEIC 18 06:42:24.7,0.2,10.75Sx114.02E,h10km,mb4.8/30,Error ellipse: s-maj=6.8km s-min=3.9km az=213.0

MOS 18 06:42:25.1,1.2,10.68Sx113.96E,h22km,mb5.1/27,Error ellipse: s-maj=9.6km s-min=6.3km az=109.6

ISC/B 18 06:42:25.0,0.9,10.85Sx103.113.92E,0.02,h25km,6km, mb4.8/77,MS3.7/11,Error ellipse: s-maj=4.5km s-min=3.3km az=23.5

B 18 06:42:27.6,10.80Sx114.00E,h39km,mb4.9/38,mb5.0/22, Ms4.7/6,Ms7.4/5.5

DJA 18 06:42:27.8,0.4,11.5Sx2.114E, h30km,4km, M4.8/54, mb85.3/21,mb5.0/54,MLv5.1/25,Ms7.0/14,8/21

ISC 18 06:42:26.8,1.9,10.91Sx104.113.97E,0.04,h27km,13km, n372,ms143/382,mb4.8/77,MS3.7/12,8C-4D, South of Jawa

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: MTN, Manton Dam, 16.90, 98 ePn, Pn, 06 46 20.8 -0.9, etc.

BNDI Bandanaira, 17.01, 69 P, Pn, 06 46 23.5 +0.5, etc.

SAKI Fak Fak, 19.79, 68 eP, P, 06 46 54.8 -0.9, etc.

SIJI Sorong, 19.87, 61 P, Pn, 06 46 55.7 -0.1, etc.

PSI Prapat, 20.24, 311 eP, P, 06 46 58.9 -1.5, etc.

GSJ Gunungsitoli, 20.33, 306 P, P, 06 47 00.6 -0.6, etc.

TSI Tuntungan, 20.98, 312 P, P, 06 47 08.4 +0.2, etc.

WRA Warramunga, 21.57, 117 eP, P, 06 51 04.8 -7.7, etc.

WRAB Tennant Creek, 21.57, 117 eP, P, 06 47 15.6 +0.9, etc.

KCSI Kotacane, Aceh, 21.58, 311 P, P, 06 47 15.1 +0.4, etc.

NWAO Naroegin (SRO), 21.82, 173 S, S, 06 51 13.8 -9.0, etc.

RKPI Ransiki, Papua, 22.13, 66 P, P, 06 47 21.0 +0.4, etc.

ASAR Alice Springs, 22.83, 126 P, P, 06 47 29.1 +1.0, etc.

ASAR Alice Springs, 22.83, 126 P, P, 06 51 20.1 +1.2, etc.

ASO1 Alice Springs, 22.87, 126 eP, P, 06 47 28.8 +0.3, etc.

TRTT Trang, 23.43, 322 eP, P, 06 47 35.0 +0.9, etc.

FORT Forrest, 23.70, 149 eP, P, 06 47 37.8 +1.1, etc.

PKDT Phuket, 24.31, 320 P, P, 06 47 42.9 +0.4, etc.

BSI Banda Aceh, 24.72, 310 P, P, 06 47 45.5 -0.7, etc.

QIS Mount Isa, 26.44, 114 P, P, 06 48 02.9 +1.1, etc.

PHEN Genyem, 27.27, 74 P, P, 06 48 10.1 +0.8, etc.

JAY Jayapura, 27.80, 74 P, P, 06 48 12.7 -1.5, etc.

COEN Coen, 28.67, 99 eP, P, 06 48 22.9 +1.1, etc.

CHAI Chaiyaphum, 29.16, 336 P, P, 06 48 26.9 +0.8, etc.

NONG Nongkai, 30.71, 340 P, P, 06 48 39.9 +0.2, etc.

UMPA Umpang Tak, 30.81, 331 P, P, 06 48 40.1 -0.6, etc.

HTT Hallett, 32.03, 138 P, P, 06 48 52.7 +1.4, etc.

PHRA Phrae, 32.21, 335 P, P, 06 48 53.9 +0.9, etc.

CTAO Charters Tower, 32.37, 110 eP, P, 06 48 55.9 +1.5, etc.

CTAO Charters Tower, 32.37, 110 eP, P, 06 48 55.9 +1.5, etc.

QLP Quipti, 32.50, 123 P, P, 06 48 56.6 +1.1, etc.

CM31 Chiang Mai Arr, 32.73, 333 eP, P, 06 48 58.0 +0.4, etc.

CMAR Cimar, 32.73, 333 eP, P, 06 51 43.4 +0.5, etc.

CMAR Chiang Mai Arr, 32.73, 333 eP, P, 06 48 58.2 +0.6, etc.

STKA Stephens Creek, 32.95, 134 P, P, 06 49 00.9 +1.5, etc.

STKA Stephens Creek, 32.95, 134 eP, P, 06 49 00.9 +1.5, etc.

Table with columns: CD2, Chengdu, 42.72, 347 eP, P, 06 50 23.4 +1.5, etc.

HYB Hyderabad, 44.91, 308 iP, P, 06 50 40.0 +0.3, etc.

ODAN Odare, 45.56, 326 eP, P, 06 50 44.5 -0.5, etc.

LSA Lhasa, 45.98, 332 eP, P, 06 50 48.6 +0.1, etc.

LSA Lhasa, 45.98, 332 eP, P, 06 50 48.6 +0.1, etc.

JNU Nakatsue, 46.66, 20 P, P, 06 50 51.0 -2.3, etc.

JIRN Jiri, 46.85, 325 eP, P, 06 50 55.0 -0.2, etc.

GUN Gumba, 47.22, 325 eP, P, 06 50 57.8 -0.3, etc.

PKIN Phuichoki, 47.23, 325 eP, P, 06 50 57.1 -1.0, etc.

DMN Dman, 47.42, 324 eP, P, 06 50 58.8 -0.8, etc.

KKN Kakani, 47.46, 325 eP, P, 06 50 59.1 -0.7, etc.

PATS Patneta, 47.52, 70 P, P, 06 51 01.9 +1.6, etc.

LZH Lanzhou, 47.71, 349 eP, P, 06 51 05.3 +3.8, etc.

GKN Gorkha, 47.99, 324 eP, P, 06 51 03.0 -0.9, etc.

DANN Dangsing, 48.76, 324 eP, P, 06 51 09.1 -0.8, etc.

PYUN Piuthan, 49.02, 323 eP, P, 06 51 10.9 -1.0, etc.

POO Poona, 49.22, 306 eP, P, 06 51 10.0 -3.3, etc.

KSAR Warramunga, 49.84, 15 P, P, 06 51 17.2 +0.6, etc.

KSRS Korea Arr, 49.86, 15 P, P, 06 51 17.2 -0.6, etc.

KSRS Korea Arr, 49.86, 15 P, P, 06 51 17.2 -0.6, etc.

KSRS Korea Arr, 49.86, 15 P, P, 06 51 17.2 -0.6, etc.

KSRS Korea Arr, 49.86, 15 P, P, 06 51 17.2 -0.6, etc.

KSRS Korea Arr, 49.86, 15 P, P, 06 51 17.2 -0.6, etc.

KSRS Korea Arr, 49.86, 15 P, P, 06 51 17.2 -0.6, etc.

KSRS Korea Arr, 49.86, 15 P, P, 06 51 17.2 -0.6, etc.

KSRS Korea Arr, 49.86, 15 P, P, 06 51 17.2 -0.6, etc.

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KSRS Korea Arr, 49.86, 15 P, P, 06 51 17.2 -0.6, etc.

KSRS Korea Arr, 49.86, 15 P, P, 06 51 17.2 -0.6, etc.

KSRS Korea Arr, 49.86, 15 P, P, 06 51 17.2 -0.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, FRU Bishkek, DGZ Jazakort, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like POI Presque Isle, 435B Jarrell, SLM Saint Louis, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROSE El Rosal, HELC Santa Helena, HELL Comp=Z,199nm,0.2s, etc.

18d 8h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like CN2 Changchun, SHL Shillong, HTT Hallett, etc.

2012 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like LBZ Lake Benmore, RPZ Rata Peaks, RAO Raoul Island, etc.

1050

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like EGAK Eagle, APA Apatity, APA, etc.

ISK 18 08:05:55.8, 37.19N-36.87E, h12km, ML3.0/5
ISCJB 18 08:05:56.3, 0.5, 37.17N-0.02-36.85E-0.03, h4km, 4km,
Error ellipse: s-maj=3.9km s-min=3.4km az=5.4
DDA 18 08:06:05.0, 37.16N-36.87E, h15km, ML3.5
ISC 18 08:05:56.6, 1.1, 37.17N-0.03-36.87E-0.02, h7km-9km,
az=9.0, 0.6/1/41, Turkey
Code Station Name Az El Phase ID Time Res
ISC h m s ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PSI Prapat, H0S2 Diego Garcia, H0S3 Diego Garcia, etc.

JMA 18 08:13:32.6±0.1, 36.54N, 141.06E, h53km±1km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like JHO Hitachi, JHYU Hitachinakayam, JONA Iwakimizuishi, etc.

KRNET 18 08:20:26.8±0.1, 42.37N, 77.79E, h22km, mb2.7

NNC 18 08:20:26.6±1.4, 44.08N, 77.47E, h8km±5km, mb3.3, mpv2.8, Error ellipse: s-maj=9.6km s-min=3.9km az=165.0

SOME 18 08:20:27.1, 42.32N, 77.78E, h15km

ISC 18 08:20:26.1±1.3, 42.32N, 77.83E, h1km±1km, n35, 0.82/66, 17C-13D, Lake Issyk-Kul region

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like SATY Saty, ZHN Zhiniskh, ZHN Tian-Shan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like KTMS 11nm,0.2s, UCH Uchtor, UCH Uchtor, etc.

UCR 18 08:20:39.5±0.8, 12.37N, 89.43W, h35km±6km, ML3.7, mb4.5(NEIC)

ISC/JB 18 08:20:40.4±0.4, 12.45N, 0.04-89.32W, 0.03, h47km, mb4.4/72, MS3.1/4, Error ellipse: s-maj=6.7km

NEIC 18 08:20:41.8±0.6, 12.48N, 89.29W, h35km, mb4.5/76, Error ellipse: s-maj=10.1km s-min=6.1km az=206.0

IDC 18 08:20:42.4±5.2, 12.71N, 89.04W, h33km, mb3.9/13, mb1.4/15, mb1mx3.9/37, mbtmp4.0/15, ML3.1/2, MS3.1/5, MS1.3/15, ms1mx2.8/39, Error ellipse: s-maj=27.8km s-min=15.0km az=50.0

ISC 18 08:20:42.7±0.6, 12.46N, 0.06-89.32W, 0.06, h47km, n309, c1520/310, mb4.4/72, MS3.1/4, Off coast of central America

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LFRS El Faro, SNET Serv Nac Est T, BOOS Boqueron, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Z49A Columbiana, WHTX Lake Whitney, WHTX Lake Whitney, etc.

18d 8h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like U43A Rector, V53A Saluda, V52A Sevierville, etc.

2012 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like JFWS Jewell Farm, K37A Belmont, N59A Star Game Lan, etc.

1052

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like SATY Saty, TNSN Tian-Shan, ZHN Zhinshike, etc.

NNC 18 08:22:22.5, 1.2, 4.4:06N:77:49E, h5km, 4km, mb3.1, mpv2.7, Error ellipse: s-maj=8.5km s-min=3.4km az=169.0

NNC 18 08:33:13.9, 1.6, 38:39N:71:40E, h9km, 6km, mb3.7, mpv3.3, 5C-10D, Error ellipse: s-maj=12.1km s-min=10.1km az=9.0, Arghistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KK31, KK32, KK33, AAK, AAK, TKM2, TKM2, TKM2, TKM2.

IDC 18 08:50:21.9, 2.2, 22.705x178.73W, h0km, mb4.2/4, mb1.4/4, mb1mx3.8/33, mbmtap4.2/4, Error ellipse: s-maj=52.4km s-min=40.9km az=112.0

ISC/B 18 08:51:08.9, 2.2, 23.9S:0.3-179.7W, h400km, mb3.8/4, Error ellipse: s-maj=166.9km s-min=29.1km az=152.7

ISC 18 08:51:09.1, 1.9, 23.9S:0.3-179.7W, h400km, n13, +072.13, mb3.8/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RPZ, STKA, BBOO, AS19, ASAR, WRC, W3, WC1, KDU, WRKA, FINES, AKASG, BRTR.

ISC/B 18 08:52:30.5, 0.4, 40.63N:0.03-39.94E:0.03, h0km, Error ellipse: s-maj=4.2km s-min=3.3km az=162.9

DDA 18 08:52:30.5, 40.62N:39.94E, h7km, M12.5, Suspected Mining explosion.

ISC 18 08:52:30.1, 0.4, 65N:39.92E, h19km, M1.9/6

ISC 18 08:52:29.2, 0.9, 40.65N:0.03-39.91E:0.03, h0km, n14, +070.23, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BAYT, BAYT, MACK, MACK, KTUT, KTUT, KELT, CHOM, CHOM, ESPY, SUSE, SUSE, DBAD, DBAD, DDEM, DDEM, DBOC, DBOC, DAGI, DAGI, ARTV, ARTV, VRTB.

MEX 18 08:58:01.8, 0.5, 16.04N.91.22W, h26km, 11km, MD3.5, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CCIG, CCIG, THIG, THIG, PCIG, PCIG, TGIG, TGIG, CMIG, CMIG.

ISC/B 18 09:03:28.2, 0.4, 9.74N:0.06-85.68W:0.05, h22km, mb4.1/52, Error ellipse: s-maj=8.9km s-min=5.1km az=34.1

NEIC 18 09:03:31.6, 0.4, 9.74N:85.65W, h35km, mb4.2/43, Error ellipse: s-maj=9.7km s-min=6.0km az=215.0

IDC 18 09:03:32.1, 2.2, 9.59N:85.75W, h48km, 22km, mb3.8/13, mb1.4/0.17, mb1mx3.8/51, mbtmp4.0/17, ML3.2/4, M53.1/7, M51.3/17, ms11mp2.9/34, Error ellipse: s-maj=25.8km s-min=12.8km az=48.0

ISC 18 09:29:33.0, 6.9, 6.95N:0.08-85.70W:0.08, h22km, n85, +0938/84, mb4.2/52, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HDC, BOAB, TSNH, ESTN, EGUJ, BCIP, APG, APG, CCIG, TEIG, CMIG, MTDJ, ROSC, TLIG, ATAH, ATAH, LNIG, SJG, PCRV, 451A, 447A, 348A, NNA, NNA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LRLAL, Z50A, Y52A, FDF, ANWB, W52A, HPIG, CPCT, TX31, TKL, TKL, TKL, V53A, V52A, PTGA, PTGA, PTGA, T42A, WMOK, CCM, S39A, 319A, HDIL, ANMO, TUC, X16A, MVUC, W40Z, PV19, PV22, N23A, U15A, W13A, PKCU, KNB, SAR, PDAR, PDAR, R11A, NV11, NV01, NVAR, KVN, BMN, WAKR, YERR, WCMT, WCMT, CPUP, H04A, SCHO, BOBA, E03A, PLCA, PLCA, DLBC, ILAR, MDT, ESDC, ESDC, FINES, KSH, ASAR, WRI, WRA, CMAR.

UCR 18 09:10:24.3, 1.8, 9.74N:85.77W, h36km, 44km, MD4.0, ML3.4, mb4.2(NEIC)

NEIC 18 09:10:26.0, 0.6, 9.76N:85.62W, h43km, 5km, mb4.2/56, Error ellipse: s-maj=7.2km s-min=4.4km az=220.0

IDC 18 09:10:27.5, 2.9, 9.68N:85.77W, h57km, 26km, mb3.8/12, mb1.4/0.15, mb1mx3.8/50, mbtmp4.0/15, ML3.4/3, Error ellipse: s-maj=28.1km s-min=14.0km az=45.0

ISC 18 09:10:21.0, 1.9, 9.71N:0.05-85.72W:0.05, h10km, 11km, n132, +015/144, mb4.2/62, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VCR, NY14, NY14, COLC, LIM1, LIM1, CUI, LARC, GP52, HORNC, GB1A, MESS, CASO, SRA1, HDIC, HDIC, SJS, EDDO, URSC, CVTR, EDLM, EDLM.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TRT1, EDPN, EDPN, MGAN, XAVN, APYV, APYV, COPN, BOAB, BOAC, MOMN, APYV, ESPN, CNNG, TEL3, MATN, CRIN, ESTN, ESTN, CNCH, LCND, LCND, LNIG, LNIG, PCRV, 833A, 152A, 154A, 147A, LRLAL, Z50A, G0GA, 435B, Y49A, Y52A, JCT, WHTX, JSC, BG3, SWET, MIAR, TX31, TX31, TKL, TKL, V48A, V53A, W41B, PTGA, PTGA, S51A, SAML, SSPA, N59A, X16A, WUAZ, ECSD, PV18, U15A, PKCU, KNB, LCMT, CCUT, TPNV, PD31, PDAR, PDAR, PDAR, R11A, SPUT, REDW, LOHW, LMN, IMW, RLMT, NV11, NV01, NVAR, KVN, RYN, BMN, WAKR, YERR, HLID, PNTR, WCMR.

ISC 18 09:10:21.0, 1.9, 9.71N:0.05-85.72W:0.05, h10km, 11km, n132, +015/144, mb4.2/62, Off coast of Costa Rica

ISC 18 09:10:21.0, 1.9, 9.71N:0.05-85.72W:0.05, h10km, 11km, n132, +015/144, mb4.2/62, Off coast of Costa Rica

ISC 18 09:10:21.0, 1.9, 9.71N:0.05-85.72W:0.05, h10km, 11km, n132, +015/144, mb4.2/62, Off coast of Costa Rica

ISC 18 09:10:21.0, 1.9, 9.71N:0.05-85.72W:0.05, h10km, 11km, n132, +015/144, mb4.2/62, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like W41B, PTGA, PTGA, S51A, SAML, SSPA, N59A, X16A, WUAZ, ECSD, PV18, U15A, PKCU, KNB, LCMT, CCUT, TPNV, PD31, PDAR, PDAR, R11A, SPUT, REDW, LOHW, LMN, IMW, RLMT, NV11, NV01, NVAR, KVN, RYN, BMN, WAKR, YERR, HLID, PNTR, WCMR.

18d 9h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BMO Blue Mountains, PINE Pine Mountain, PLCA Paso Flores, etc.

ISCJB 18 09:16:34.2 0.7, 31.133N, 0.06:115.65W, 0.05, h7km, 11km, Error ellipse: s-maj=10.6km s-min=6.5km az=14.7

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SPIG San Pedro Mart, SPIG baz=299, slow=12, SPIG baz=299, slow=12, etc.

ISCJB 18 09:23:23.9 0.2, 16.20S, 0.05:175.92W, 0.06, h350km, mb4.2/60, Error ellipse: s-maj=8.7km s-min=4.4km az=35.1

NEIC 18 09:23:24.0 0.8, 16.10S, 175.93W, h337km, 8km, mb4.3/51, Error ellipse: s-maj=8.4km s-min=4.3km az=129.0

ISC 18 09:23:25.0 0.4, 16.19S, 0.07:175.79W, 0.08, h350km, n92, 1/123/94, mb4.2/60, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AFI Afiamalu, AFI 4.49 60 eP, AFI 4.49 60 ePn, etc.

2012 SEP

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VNSA Vanda, PETK Petropavlovsk, PEAI Petropavlovsk, etc.

1054

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

ISCJB 18 09:37:48.5 0.3, 2.7:66N, 0.03:104.06E, 0.04, h10km, mb4.3/24, MS3.2/5, Error ellipse: s-maj=5.6km s-min=4.1km az=167.1

BUL 18 09:37:48.1, 2.7:49N, 103.98E, h10km, mb4.3/10, mb4.3/3, ML4.2/20, MS3.9/9, Ms7.3/8.6

NEIC 18 09:37:50.6 0.2, 3.2:67N, 104.03E, h10km, mb4.7/12, ML4.2(BJ), Error ellipse: s-maj=7.6km s-min=5.8km az=90.0

ISC 18 09:37:50.7 0.5, 2.7:63N, 0.03:104.03E, 0.04, h10km, n57, 1/148/70, mb4.3/24, MS3.2/5, Yunnan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GUYANG Guiyang, GUYA Guiyang, GYIA Guiyang, etc.

Table with columns: TURI, Tura, 2.34 140, eP, Pn, 12 27 00.5 +1.7, AS01 Alice Springs 66.96 135 eP, P, 12 37 14.4 +0.9, etc.

Table with columns: AS01 Alice Springs 66.96 135 eP, P, 12 37 14.4 +0.9, ESDC Sonseca Array 74.98 307 P, 12 38 02.1 -0.2, etc.

Table with columns: MAN 18 13:03:37.2, 10:32N-125:22E, h17km, mb4.2, ML3.0, MS2.8, 2C, Leyte, Code Station Name, Phase ID, Time Res, etc.

18d 19h

Table of seismic events for 18d 19h, listing station names, magnitudes, times, and locations. Includes stations like 545A, HKT, 833A, 152A, LRAL, Z50A, GOGA, Y49A, Y52A, ANWB, JCT, X48A, X51A, JSC, BG3, W50A, SWET, HPIG, X40A, KMSC, PCPT, UALR, MIAR, BBGH, TX31, TKL, TKL, V48A, V53A, V51A, V40A, T47A, PBMO, PTGA, WMOK, WCI, FVM, MNTX, S39A, SAML, 319A, LPAZ, LPAZ, SPZA, SDCO, X18A, W18A, MMNY, Q24A, X16A, MVCO, WUAZ, Y14A, ISCO, WES, BCX, HRV, SMCO, PV13, ECSD, PV03, PV12, PV18, PV11, PV16, PV17, U15A, LVC, W13A, LONY, PKCU, KNB, SRU, LCMT, XPFO, PFO, P18A, RWWY, P17A, SZCU, CCUT, SHPR, MPU, PSUT.

2012 SEP

Table of seismic events for 2012 SEP, listing station names, magnitudes, times, and locations. Includes stations like EMMW, TPNV, PD31, PDAR, PDAR, PDAR, R11A, NV01, NV01, KVN, RYN, BKN, WMR, YERR, BOZ, PAHR, WVOR, J08A, PINE, SCHO, SCHO, PLCA, PLCA, INK, INK, ILI, ILAR, ILB, ESDC, ES19, NOA, TOA1, TORO, GERES, FINES, AKASG, SONAO, SONM, KSH, ASAR, WR1, WRA, CMAR, CMAR, IDC 18 19:10:58.0, NIED 18 19:11:00, JMA 18 19:11:02, JMA 18 19:11:02, JMA 18 19:11:02, Code Station Name, JIHU, JIHU, CHOU, JHY, JHY, BS04, JHO, BS03, JAG, JAG, MJAR, MJAR, MAT, MAT, JHJ, JHJ, JNU, ASAJ, ASAJ, KSR3, H1N1, H1N1, H1N3, H1S3, H1S1, H1S2, CMAR, ZALV, MKAR, ILAR, WRA.

1064

Table of seismic events for 1064, listing station names, magnitudes, times, and locations. Includes stations like ASAR, NVAR, PDAR, LPAZ, IDC 18 19:13:32, Code Station Name, DZM, DZM, CTA, STKA, WRA, WRA, WRA, ASAR, ASAR, ASAR, MJAR, USRK, PETK, KLR, CMAR, MAW, SONM, NVAR, ILAR, MKAR, ARCES, CONA, GERES, ARSA, MOA, SOKA, OBKA, MYKA, WATA, ABTA, MOTA, FETA, DAVA, DAVA, JMA 18 19:17:20, JMA 18 19:17:21, Code Station Name, E0S1, E0S1, ENAH, ENAH, NANB, NANB, NANB, ENA, ENA, ENT, ENT, NTC, ENLB, ENLB, NNS, NNS, TIPB, TIPB, NWLT, NWLT, TWB1, YHNB, YHNB, NSK, NSK, TWA, TWA.

Table with columns: STKA, comp, Az, El, SNR, P, Code, Station Name, Az, El, SNR, P, Code, Station Name, Az, El, SNR, P. Includes stations like Stephens Creek, Matsumuro Arr, Hallett, etc.

Table with columns: AML, Almayasha, 62.69 318 P, P, 00 42 24.1 +1.6, etc. Includes stations like ZAAO, ZALV, ZALV, etc.

Table with columns: VHO, Vista Hermosa, 1.65 61 eP, Pn, 00 41 48.6 -4.1, etc. Includes stations like Huatulco, Tehuacfan, etc.

MEX 19 00:41:23.9-0.5, 16°28'N-98°25'W, h14km, 1km, MD3.6. Table with columns: Code, Station Name, Az, El, SNR, P, Code, Station Name, Az, El, SNR, P.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ALMR, PCVE, PBDV, EVO, PBEJ, PMTG, PVAQ, EGRO, PCAS, PESTR, PBAR, PBRB, PMRV, PMRV, EBAD, PCBR, MTE, PGAV, ELOB, MVO, MVO, EPLA, EPLA, ECAB, EADA, EADA, PAB, PAB, ESCD, ESCD, MDT, MDT, KEST, BRTR, CHMF, CHMF, LOMF, LOMF, BRANT, BRANT, SAIRA, SAIRA, BOURR, BOURR, HINF, HINF, HINF, HINF.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORNY, TORNY, MOF, MOF, MOF, MOF, HAU, HAU, HAU, HAU, CABB, CABB, CABB, CABB, BALST, BALST, BALST, BALST, THEF, THEF, THEF, THEF, ECH, ECH, ECH, ECH, SULZ, SULZ, SULZ, SULZ, KIZ, KIZ, KIZ, KIZ, FELD, FELD, CDF, CDF, CDF, CDF, WLS, WLS, WLS, WLS, SFTF, SFTF, SFTF, SFTF, PAGF, PAGF, PAGF, PAGF, SLE, SLE, SLE, SLE, MEZF, MEZF, MEZF, MEZF, BFO, BFO, BFO, BFO, WILA, WILA, WILA, WILA, LPL, LPL, LPL, LPL, LOR, LOR, LOR, LOR, LOR, LOR, LOR, LOR, SMF, SMF, SMF, SMF, PLONS, PLONS, PLONS, PLONS, AVF, AVF, AVF, AVF, AVF, AVF, AVF, AVF, ORIF, ORIF, ORIF, ORIF, MBDF, MBDF, MBDF, MBDF, BGF, BGF, BGF, BGF, BGF, BGF, BGF, BGF, HYF, HYF, HYF, HYF, HYF, HYF, HYF, HYF, TCF, TCF, TCF, TCF, TCF, TCF, TCF, TCF, BAIF, BAIF, LASF, LASF, LASF, LASF, ROM, ROM, ISJCJB, ISJCJB, ISJCJB, ISJCJB, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORNY, MOF, HAU, CABB, BALST, THEF, ECH, SULZ, KIZ, FELD, CDF, WLS, SFTF, PAGF, SLE, MEZF, BFO, WILA, LPL, LOR, LOR, SMF, PLONS, AVF, AVF, ORIF, ORIF, MBDF, MBDF, BGF, BGF, BGF, BGF, HYF, HYF, HYF, HYF, TCF, TCF, TCF, TCF, BAIF, BAIF, LASF, LASF, ROM, ROM, ISJCJB, ISJCJB, ISJCJB, ISJCJB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROVR, ROVR, POPM, POPM, SALO, SALO, SALO, SALO, SALO, SALO, SALO, SALO, DOSS, DOSS, DOSS, DOSS, MAGA, MAGA, MAGA, MAGA, MAGA, MAGA, MAGA, MAGA, MABI, MABI, MABI, MABI, MABI, MABI, MABI, MABI, NVLJ, NVLJ, NVLJ, NVLJ, UDBI, UDBI, NIED, NIED, JMA, JMA, IDC, IDC, ISC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROVR, POPM, SALO, DOSS, MAGA, MABI, NVLJ, UDBI, NIED, JMA, IDC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

19d 6h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters for stations like NORSTAR Array B, Pinedale Array, and LA Paz.

JMA 19 06:11:24.2±0.2,37.51N×141.95E, h25km, 3km, M2.0,

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like JFK, JMM, JMA, etc.

ISC/JB 19 06:18:12.5±1.2,5.4S;0.1x147.7E;0.2, h195km, mb4.1/5,

Error ellipse: s-maj=22.4km s-min=14.1km az=18.5,
IDC 19 06:18:14.9±2.1,5.42S;146.97E;h202km,1.7km,mb3.8/4,

ISC 19 06:18:13.8±1.2,5.55S;0.1x147.1E;0.2, h195km, m1.0,

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like PMG, CTA, WRA, etc.

IDC 19 06:28:30.5±3.5,22.00N;93.88E, h35km, 29km, mb3.9/14,

mb 1.4/1.5, mb1mx3.8/4.2, mbtmp4.1/1.5, ML3.9/1, MS3.1/3,
MS1 3.2/3, ms1mx2.8/4.1, Error ellipse: s-maj=20.5km

ISC/JB 19 06:28:32.1±0.3,22.06N;0.04x93.79E;0.0, h64km,

mb4.3/23, Error ellipse: s-maj=6.8km s-min=3.1km
az=136.3,

NEIC 19 06:28:34.5±0.5,22.04N;93.88E, h72km, 5km, mb4.6/9,

Error ellipse: s-maj=9.7km s-min=3.8km az=50.0,
NDI 19 06:28:36.8±2.4,22.27N;93.85E, h30km,14km,ML3.7

ISC 19 06:28:34.3±0.6,22.17N;0.06x93.81E;0.05, h64km, n83,

Large table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like SAIH, BRDH, BELO, etc.

2012 SEP

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters for stations like JIRN, GUN, KUN, etc.

IDC 19 06:33:52.7±1.6,55.83N;164.58E, h0km, mb3.4/4,

mb1 3.7/5, mb1mx3.4/4.1, mbtmp3.4/5, ML2.8/1, Error
ellipse: s-maj=57.4km s-min=21.3km az=158.0,

MOS 19 06:33:54.1±1.5,55.52N;164.80E, h49km, mb4.2/1, Error

ellipse: s-maj=9.1km s-min=6.7km az=150.5,
KRSC 19 06:33:54.1±1.5,55.52N;164.80E, h49km, mb4.2/1, Error
ellipse: s-maj=9.1km s-min=6.7km az=150.5,

ISC 19 06:33:55.4±1.8,55.60N;164.84E;0.04, h23km, 15km,

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like BKI, KBT, etc.

1076

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters for stations like KZV, KIZIMEN, TUMRO, etc.

ISC/JB 19 06:35:27.9±2.5,35.16S;0.07x72.7W;0.2, h15km, 19km,

Error ellipse: s-maj=25.5km s-min=7.8km az=23.4,
GUC 19 06:35:28.9±0.6,35.14S;72.50W, h23km, 4km, ML4.0,
SJA 19 06:35:29.8±0.6,35.33S;72.17W, h23km, 3km, ML3.6,

MW4.5

ISC 19 06:35:25.7±2.8,35.14S;0.05x72.7W;0.1, h6km, 14km, n21,

at181/25, 2C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters for stations like G005, G006, etc.

NNC 19 06:43:34.7±6.6,36.89N;71.09E, h0km, mb3.5, mpv3.1,

2C-2D, Error ellipse: s-maj=78.7km s-min=42.9km
az=122.0, Afghanistan-Tajikistan border region

LPZAZ 2.8nm,0.8s,baz=181,slow=7.2,SNR=9.2 PKPab PKPab 07 32 19.2 -0.3
LPZAZ La Paz 153.02 175 ePKPbc PKPbc 07 32 07.9 -0.6
LPZAZ ePKPab PKPab 07 32 19.6 0.0

ISCJJB 19 07:19:20.8,0.6,37.29N,0.02,37.13E,0.02,h2km,4km,
Error ellipse: s-maj=3.4km s-min=2.8km az=172.2
DDA 19 07:19:20.8,37.32N,37.12E,h2km,M1.0
ISK 19 07:19:20.7,37.32N,37.12E,h6km,ML3.6/2.2
ISC 19 07:19:21.2,1.0,37.33N,0.02,37.14E,0.02,h2km,10km,
n60,e097/78,8C-3D,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Gaziantep, Kahramanmaraş, Kuzuni, etc.

MEX 19 07:22:45.8,0.4,16.09N,97.00W,h64km,10km,MD3.6,
Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Huatulco, Vista Hermosa, Pinatepa, etc.

ISCJJB 19 07:28:34.8,0.6,37.33N,0.03,37.15E,0.03,h2km,6km,
Error ellipse: s-maj=4.8km s-min=3.8km az=31.6
DDA 19 07:28:34.6,37.29N,37.10E,h7km,M1.3
ISK 19 07:28:34.1,37.35N,37.17E,h5km,ML2.1/6
ISC 19 07:28:34.8,1.0,37.33N,0.03,37.15E,0.03,h9km,8km,
n17,e050/28,Turkey

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

ISCJJB 19 07:31:41.1,0.3,10.72S,0.06,114.00E,0.06,h10km,
mb4/30,MS3.8/2,Error ellipse: s-maj=10.1km
s-min=5.4km az=43.3
DDA 19 07:31:41.1,0.5,10.75S,113.97E,h0km,mb4.2/15,
mb1.4/16,mb1mx4.2/37,mbmp4.3/16,ML4.2/1,MS3.8/2,
Ms1.3.8/2,ms1mx3.1/34,Error ellipse: s-maj=23.3km
s-min=13.3km az=65.0
BUJ 19 07:31:41.3,11.47S,114.44E,h37km,mb4.8/17,mb5.0/11,
Ms4.6/4,Ms7.4/5/3

NEIC 19 07:31:42.6,0.2,10.77S,113.92E,h10km,mb4.4/12,Error
ellipse: s-maj=8.5km s-min=4.4km az=221.0
ISC 19 07:31:42.7,0.4,10.87S,114.01E,0.07,h10km,m63,
e193/71,mb4.3/30,South of Bali

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

ISC 19 07:36:02.6,0.9,37.33N,0.03,37.13E,0.03,h10km,8km,
n15,e055/24,Turkey

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

ISC 19 07:36:02.6,0.9,37.33N,0.03,37.13E,0.03,h10km,8km,
n15,e055/24,Turkey

ISC 19 07:36:02.6,0.9,37.33N,0.03,37.13E,0.03,h10km,8km,
n15,e055/24,Turkey

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

IDC 19 07:42:58.0,1.2,10.97S,113.68E,h0km,mb3.8/7,
mb1.4/0.8,mb1mx3.8/36,mbtmp3.8/8,ML3.6/1,Error
ellipse: s-maj=57.4km s-min=14.3km az=48.0,South of
Jawa

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

ISCJJB 19 07:52:10.9,0.6,42.67N,0.04,75.66E,0.05,h0km,Error
ellipse: s-maj=6.4km s-min=4.9km az=161.6
SOME 19 07:52:10.4,42.67N,75.63E
NNC 19 07:52:10.7,0.9,42.65N,75.67E,h0km,mb3.0,mpv2.7,
Error ellipse: s-maj=7.8km s-min=4.3km az=163.0,
Suspected Mining explosion.

ISC 19 07:52:09.9,1.1,42.63N,0.05,75.68E,0.03,h0km,n15,
e059/18,13C-5D,Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Tokmak 2, Karagaybulak, etc.

IDC 19 07:57:19.4,0.8,66.37N,19.12W,h0km,mb3.9/10,
mb1.4/1/12,mb1mx3.8/61,mbtmp3.9/12,ML3.5/2,MS3.6/15,
Ms1.3.6/15,ms1mx3.3/41,Error ellipse: s-maj=18.9km
s-min=15.7km az=8.0

REY 19 07:57:19.5,0.6,66.35N,18.73W,h7km
MOS 19 07:57:20.9,1.6,66.44N,19.07W,h10km,mb4.5/20,Error
ellipse: s-maj=13.7km s-min=9.1km az=104.1
BUJ 19 07:57:20.8,66.20N,18.80W,h10km,mb4.8/10,mb4.9/5
ISCJJB 19 07:57:21.3,0.2,66.22N,0.02,18.67W,0.04,h10km,
mb4.3/51,MS3.6/12,Error ellipse: s-maj=3.5km
s-min=2.3km az=18.9

NEIC 19 07:57:23.2,0.3,66.50N,18.58W,h10km,mb4.4/27,Error
ellipse: s-maj=10.9km s-min=5.3km az=199.0
ISC 19 07:57:22.4,0.4,66.27N,0.03,18.65W,0.02,h10km,n143,
e298/151,mb4.4/51,MS3.6/12,1C-30,Iceland region

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

ISC 19 07:57:22.4,0.4,66.27N,0.03,18.65W,0.02,h10km,n143,
e298/151,mb4.4/51,MS3.6/12,1C-30,Iceland region

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KOT, GOF, SIGR, ZKR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DRME, PDG, TTTG, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GORS, IIGN, ROBS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COLD Coldfoot, PETK Petropavlovsk, MJAR Matsushiro Arr, etc.

IDC 19 09:26:57.61, 4.0, 223S, 127.43E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.6/18, mbtbp3.5/4, MS3.6/1, Ms1 3.6/1, ms1mx2.5/22, Error ellipse: s-maj=132.4km s-min=21.7km az=0.0, Halmahera

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

ISK 19 09:27:23.7, 37.34N, 37.13E, h9km, ML3.5/3 DDA 19 09:27:24.4, 37.31N, 37.15E, h28km, M3.9 ISC 19 09:27:23.9, 0.9, 37.31N, 0.02, 37.14E, 0.02, h13km, 7km, n28, c1922/47, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GAZ Gaziantep, GAZ Gaziantep, KMRs Kahramanmaras, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YURE Yuregir, URFA Urfa, CUGUR Cugur, etc.

DDA 19 09:30:44.5, 37.24N, 37.10E, h7km, M2.7 ISCJB 19 09:30:45.5, 0.7, 37.32N, 0.03, 37.11E, 0.03, h1km, 7km, Error ellipse: s-maj=5.1km s-min=4.0km az=26.7 ISK 19 09:30:45.5, 0.7, 37.32N, 0.03, 37.14E, 0.03, h8km, 9km, n16, c0570/25, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GAZ Gaziantep, KMRs Kahramanmaras, KUZU Kuzuni, etc.

IDC 19 09:35:49.9, 4.2, 51.74S, 139.39E, h0km, mb3.8/2, mb1 3.9/3, mb1mx3.6/18, mbtbp3.7/3, ML3.6/1, MS3.3/2, Ms1 3.2/2, ms1mx2.9/16, Error ellipse: s-maj=155.2km s-min=52.1km az=64.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA Stephens Creek, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

MEX 19 10:03:39.1, 0.4, 15.39N, 93.50W, h84km, 4km, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG Urfu, THIG Thig, THIG Thig, etc.

SKHL 19 10:12:18.7, 0.8, 43.20N, 147.03E, h52km, 6km, mb4.5/7 JMA 19 10:12:18.6, 0.2, 43.23N, 146.98E, h51km, 3km, M3.0 ISC 19 10:12:18.2, 4.4, 43.19N, 0.09, 147.04E, 0.10, h32km, 13km, n16, c099/20, Kuril Islands

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

ISC 19 10:45:34.9, 0.7, 9.46S, 124.82E, h0km, mb4.1/9, mb1 4.4/13, mb1mx4.2/27, mbtbp4.3/13, ML4.6/4, MS3.2/5, Ms1 3.3/5, ms1mx2.9/26, Error ellipse: s-maj=24.6km s-min=14.0km az=78.0

ISCJB 19 10:45:35.7, 0.4, 9.67S, 124.80E, 0.04, h10km, mb4.4/18, MS3.5/1, Error ellipse: s-maj=7.6km s-min=4.6km az=31.4

BUL 19 10:45:39.5, 9.90S, 124.60E, h40km, mb4.7/4, mb4.8/2, Ms4.6/2, Ms7.4/6/1 NEIC 19 10:45:40.1, 0.5, 9.62S, 124.73E, h35km, mb4.4/6, Error ellipse: s-maj=11.8km s-min=7.2km az=223.0

DJA 19 10:45:43.5, 1.7, 9.5S, 124.4E, 1.3, h55km, 21km, M4.6/5, mb5.0/3, mb5.0/3, MLV4.5/5, MW(mb4.3)3 ISC 19 10:45:39.5, 9.70S, 124.74E, 0.05, h10km, n52, c1963/52, mb4.5/18, Timor region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JRA Jarak, JAK Akkeshi, JAK Akkeshi, etc.

LJU 19 10:28:00.6, 46.39N, 15.07E, h0km, Rockburst VIE 19 10:28:00.3, 0.8, 46.39N, 15.14E, h0km, mb1.1/3, ml1.4/3, Error ellipse: s-maj=7.2km s-min=3.0km az=166.0, 20 km NNW of Celje Suspected Mining induced., Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PERS Pernice, SOKA Soboth, OBKA Obkir, etc.

ISCJB 19 10:30:59.7, 0.6, 37.30N, 0.02, 37.15E, 0.03, h1km, 5km, Error ellipse: s-maj=4.2km s-min=3.4km az=24.3 DDA 19 10:30:59.7, 37.31N, 37.15E, h25km, M3.7 ISK 19 10:30:59.1, 37.34N, 37.14E, h5km, ML3.2/5 ISC 19 10:30:59.1, 0.1, 37.33N, 0.02, 37.17E, 0.02, h5km, 9km, n28, c1928/44, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GAZ Gaziantep, KMRs Kahramanmaras, KMRs Kahramanmaras, etc.

ISC 19 10:45:34.9, 0.7, 9.46S, 124.82E, h0km, mb4.1/9, mb1 4.4/13, mb1mx4.2/27, mbtbp4.3/13, ML4.6/4, MS3.2/5, Ms1 3.3/5, ms1mx2.9/26, Error ellipse: s-maj=24.6km s-min=14.0km az=78.0

ISCJB 19 10:45:35.7, 0.4, 9.67S, 124.80E, 0.04, h10km, mb4.4/18, MS3.5/1, Error ellipse: s-maj=7.6km s-min=4.6km az=31.4

BUL 19 10:45:39.5, 9.90S, 124.60E, h40km, mb4.7/4, mb4.8/2, Ms4.6/2, Ms7.4/6/1 NEIC 19 10:45:40.1, 0.5, 9.62S, 124.73E, h35km, mb4.4/6, Error ellipse: s-maj=11.8km s-min=7.2km az=223.0

DJA 19 10:45:43.5, 1.7, 9.5S, 124.4E, 1.3, h55km, 21km, M4.6/5, mb5.0/3, mb5.0/3, MLV4.5/5, MW(mb4.3)3 ISC 19 10:45:39.5, 9.70S, 124.74E, 0.05, h10km, n52, c1963/52, mb4.5/18, Timor region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like ASAR Alice Springs, AS01 Alice Springs, DAV Davao City (W), LEM Lembang, COEN Coen, etc.

SJA 19 10:48:07.9.0.7, 32.21Sx70.23W, h101km, 7km, ML3.1, MW4.4
ISCJBJ 19 10:48:08.4.1.5, 32.26Sx0.04x70.21W, 0.05, h112km, 14km, Error ellipse: s-maj=7.6km s-min=6.6km az=138.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like RTLS Leoncito, PEL Peldehue, ROCH El Roble, etc.

GUC 19 10:48:08.4.0.5, 32.31Sx70.37W, h114km, 8km, ML3.2
ISC 19 10:48:10.0.2.8, 32.32Sx70.05W, 0.05, h98km, 26km, n13, c058/26, 3C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like CLCH Cerro Calan, ASAL Salagasta, ARCO CERRO ARCO, etc.

MAN 19 11:04:39.7, 17.87N:120.64E, h3km, mb4.6, ML3.4, MS3.3, Luzon
ABRA Dolores, APYV Conner, CVP Callao Caves, CAUP Cauayan, BOLP Bolinao, SMPP San Manuel, Pa

Table with columns: SMPP, PALP, BALP, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like Palanan, Baler

WEL 19 11:25:21.5, 38.5S:10.0:17.8E, h36km, 3km, ML3.7/34, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like TKGZ Te Karaka, RAGZ Rawiri, PRGZ Paritu Road, etc.

IDC 19 11:32:55.9.5.2, 20.89S:178.34W, h554km, 61km, mb3.0/5, mb1 3.3/6, mb1mx3.0/21, mbtpr3.9/6, Error ellipse: s-maj=41.3km s-min=23.4km az=163.0
ISCJBJ 19 11:32:56.9.0.9, 21.0S:0.2x178.5W, 0.2, h579km, mb3.5/5, Error ellipse: s-maj=32.7km s-min=18.9km az=43.4
ISC 19 11:32:57.9.1.0, 21.0S:0.2x178.4W, 0.2, h579km, n8, c078/9, mb3.4/5, Fiji Islands region

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

ISCJBJ 19 11:38:28.9.0.8, 37.28N:0.03x71.11E, 0.04, h3km, 7km, Error ellipse: s-maj=6km s-min=3.4km az=138.4
ISC 19 11:38:28.4, 37.32N:37.11E, h6km, ML2.5/2, n14, c076/21, Turkey
GAZ Gaziantep, KMRZ Kahramanmaraş, KUZU Kuzuni, WRA Warramunga Arr, etc.

Table with columns: ELBS, SAIM, AKCD, TAHT, SURC, DARE, YURE, URFA, YAYL, BNN, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like KAHRAMANMARAS, ADANA, Akcadag, Tahtakopru-Hat, etc.

KRSC 19 11:40:07.9.0.9, 54.45N:162.44E, h40km, 11km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like MKZ Mys Kozlova, TUMD Tumrok D, KZV Kizim, etc.

GUC 19 11:47:27.0.6, 35.68S:73.59W, h21km, 11km, ML3.6, 2C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like CCSP San Pedro de C, GO05 Hualaë, COU5 Chillan, etc.

ISK 19 11:51:09.9, 37.33N:37.13E, h7km, ML3.2/11, DDA 19 11:51:09.9, 37.38N:37.14E, h7km, ML3.7
ISCJBJ 19 11:51:10.6, 0.5, 37.33N:0.02x37.12E, 0.03, h8km, 4km, Error ellipse: s-maj=3.9km s-min=3.4km az=13.3
ISC 19 11:51:10.7, 1.0, 37.32N:0.02x37.13E, 0.02, h8km, 8km, n40, c078/51, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like GAZ Gaziantep, KMRZ Kahramanmaraş, KUZU Kuzuni, etc.

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

NEIC 19 13:44:15.6,0.6,9.72S;113.54E,h10km,mb4.1/1, Error ellipse: s-maj=21.5km s-min=7.8km az=224.0

ICD 19 13:44:15.4,2.4,9.36S;113.91E,h0km,mb3.9/7, mb1.4/0.8, mb1mx3.7/3.3, mbtmp3.9/8, ML3.5/1, MS3.0/2, Ms1.3/1.2, ms1mx2.6/3.1, Error ellipse: s-maj=135.9km s-min=16.9km az=51.0

DJA 19 13:44:23.7,0.8,9.54x11.4E, h30km,gbkm,M4.4/19, mb4.7/1, mb4.5/5, MLV4.4/19, Mw(MB)3/1

ISC 19 13:44:18.4,0.7,9.66S;0.06:113.71E:0.06,h26km,n45, o124/45,mb4.1/7,South of Java

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

DDA 19 13:49:05.9,37.29N;37.13E,h7km,ML3.1

ISCJB 19 13:49:06.0,0.6,37.32N;0.04:37.12E:0.04,h6km,gbkm, Error ellipse: s-maj=7.4km s-min=4.4km az=36.8

ISC 19 13:49:06.3,37.34N;37.14E,h6km,ML2.8/1

ISC 19 13:49:06.0,0.9,37.33N;0.04:37.14E:0.03,h12km,gbkm, n12,o053/20,Turkey

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

ISCJB 19 13:49:26.1,3.411S;0.2:80.7E:0.3,h11km,mb3.9/7, MS3.8/18, Error ellipse: s-maj=31.3km s-min=19.6km az=151.0

ICD 19 13:49:26.7,1.7,41.23S;80.63E,h0km,mb3.9/6, mb1.4/1.6, mb1mx3.7/3.3, mbtmp3.9/6, MS3.7/18, Ms1.3/1.7, ms1mx3.5/3.5, Error ellipse: s-maj=45.3km s-min=29.4km az=74.0

NEIC 19 13:49:27.9,1.41,20S;80.73E,h10km,mb4.0/1, Error ellipse: s-maj=34.1km s-min=20.7km az=58.0

ISC 19 13:49:28.2,1.5,41.2S;0.2:80.8E:0.3,h10km,n33, o126/14,mb4.0/7,MS3.9/18, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station H01W3 Cape Leeuwin H.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H01W3, H01W1, MAW, NWAOW, etc.

ISC 19 13:53:43.6,37.34N;37.14E,h8km,ML2.8/1

ISCJB 19 13:53:44.3,0.6,37.31N;0.03:37.12E:0.04,h4km,7km, Error ellipse: s-maj=7.1km s-min=4.0km az=43.0

DDA 19 13:54:40.7,37.30N;37.09E,h7km,ML3.1

ISC 19 13:53:44.0,0.9,37.33N;0.03:37.11E:0.03,h10km,gbkm, n14,o054/24,Turkey

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

DJA 19 14:01:25.8,0.8,9.5S;11.4E, h26km,7km,ML3.7/13, MLV3.7/13, South of Bali

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

ICD 19 14:04:27.9,3.4,10.48S;114.38E,h0km,mb3.7/6, mb1.3/8.6, mb1mx3.6/3.4, mbtmp3.7/6, Error ellipse: s-maj=178.0km s-min=20.1km az=47.0

ISCJB 19 14:04:29.3,0.8,11.00S;0.06:113.88E:0.07,h33km, mb3.7/6, Error ellipse: s-maj=17.0km s-min=8.5km az=146.7

DJA 19 14:04:31.7,1.0,11.54x11.4E, h17km,7km, M4.0/13,

ISC 19 14:04:31.3,1.0,10.95S;0.10:113.92E:0.07,h35km,n21, o086/720,mb3.8/6,South of Java

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1, SONM, MKAR, ZALV.

ISK 19 14:05:21.8,37.36N;37.14E,h9km,ML2.8/1

ISCJB 19 14:05:22.0,0.6,37.34N;0.04:37.13E:0.04,h9km,5km, Error ellipse: s-maj=7.4km s-min=4.4km az=34.7

DDA 19 14:05:22.6,37.32N;37.12E,h7km,ML2.7

ISC 19 14:05:22.5,1.0,37.35N;0.03:37.12E:0.03,h10km,gbkm, n16,o034/22,Turkey

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

ICD 19 14:12:30.8,3.2,26.79N;141.53E,h102km,90km,mb3.4/2, mb1.3/6.3, mb1mx3.0/2.3, mbtmp3.7/3, ML2.7/1, Error ellipse: s-maj=207.8km s-min=34.9km az=67.0, Bonin

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

ISCJB 19 14:29:32.6,0.5,40.6S;0.1:45.2E:0.1,h10km,mb4.0/12, MS3.4/8, Error ellipse: s-maj=19.6km s-min=9.7km az=42.3

ICD 19 14:29:32.9,0.7,40.5S;45.22E,h0km,mb4.0/11, mb1.4/1/1, mb1mx3.8/3.9, mbtmp4.0/11, MS3.5/8, Ms1.3/5.8, ms1mx3.2/3.7, Error ellipse: s-maj=26.4km s-min=17.0km az=37.0

NEIC 19 14:29:34.2,0.4,40.5S;45.13E,h10km,mb4.3/3, Error ellipse: s-maj=15.7km s-min=7.5km az=220.0

ISC 19 14:29:34.2,0.7,40.6S;0.1:45.1E:0.1,h10km,n28, o059/18,mb4.0/12,MS3.4/8,Southwest Indian Ridge

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

H01W3 Cape Leeuwin H 53.61 108 T T 15 36 38.0

H01W1 Cape Leeuwin H 53.62 108 T T 15 36 36.6

VNDA Vanda 56.11 166 LR LR 15 02 08.7

DBIC Dimbokro 66.68 303 LR LR 15 05 17.9

TORD Torodi Ar. Bea 66.89 313 P P 14 40 27.4 +0.7

TOA1 Torodi Ar. Sit 66.89 313 eP P 14 40 27.4 +0.7

ASAR Alice Springs 74.12 108 P P 14 41 11.2 +0.3

STKA Stephens Creek 74.48 119 P P 14 41 12.8 -0.1

STKA Stephens Creek 74.48 119 eP P 14 41 12.4 -0.4

WRA Warramunga Arr 76.72 105 P P 14 41 26.2 +0.3

CMAR Chiang Mai Arr 77.09 52 P P 14 41 28.1 +0.4

BRTR Keskin Array B 80.58 351 P P 14 41 46.5 -0.1

BR101 Keskin Array S 80.58 351 P P 14 41 46.5 -0.1

KBZ Khabaz 83.92 358 LR LR 15 19 58.0

ISCJB 19 14:30:00.5,0.8,38.51N;0.04:141.84E:0.09,h57km,gbkm, mb3.5/4, Error ellipse: s-maj=12.4km s-min=5.0km az=18.6

NIED 19 14:30:00.38:60N;141.70E,h59km,Mw3.7, Best double couple: M3.80000x1014 NP1.9x148.00000, 835.00000, 7.56.00000, NP2.9x7.00000, 862.00000, 1.11.00000

JMA 19 14:30:02.1,0.1,38.54N;141.72E,h54km,11km,ML3.7, JMA Fell II J1

ICD 19 14:30:03.0,2.1,38.53N;141.91E,h74km,19km,mb3.2/4, mb1.3/3.9, mb1mx3.2/4.4, mbtmp3.6/3.8, MS2.1/1, Ms1.2/1/1, ms1mx1.9/1.7, Error ellipse: s-maj=30.4km s-min=14.1km az=95.0

ISC 19 14:30:01.2,1.3,38.48N;0.05:141.88E:0.09,h49km,11km, n27,o1936/32,mb3.6/4,Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kaneyama, Rokugo, Kawachi, Shirataka, Otama, Matushiro Arr, etc.

ISCJB 19 15:14:35.8,0.7,21.14S:0.03:68.7W:0.1, h132km, 10km, mb3.4/1, Error ellipse: s-maj=19.0km s-min=5.5km az=4.4

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Dolores, Conner, Callao Caves, Cauayan, Bolinao, San Manuel, Pa, Santa Cruz, Baler, Palayan, etc.

ISCJB 19 15:34:01.7,0.7,8.56N:0.04:126.61E:0.08, h70km, 6km, az=164.6

MAN 19 15:34:01.5,8.57N:126.62E, h45km, mb5.3, ML4.3, MS4.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bislig, Butuan, Mati, Surigao, Musuan, Davao City (W), Davo, Maasin, Don Marcelino, Bagumbayan, Su, Tagbilaran, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Palo, Lapu-Lapu, Ormoc, Borongan, Catarman, Jordan, Roxas, Virac, Odongdong, Tagaytay City, Guam, Bauma, Fitzroy Crossi, etc.

ISC 19 15:53:26.75,6.00,17N:29.98E, h0km, Error ellipse: s-maj=44.8km s-min=33.3km az=35.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Fines, Fines, Fines, Fines, I43RU, I31KZ, etc.

ISC 19 16:01:54.4,2.0,1.76N:126.05E, h0km, mb3.7/3, mb1.3/0.3, mb1mx3.4/2.4, mbtmp3.7/3, Error ellipse: s-maj=17.0km s-min=2.8km az=65.0

DJA 19 16:02:00.2,0.9,2.3N:3.12E, h11km, 6km, M4.0/6, mb4.5/1, mb4.3/1, MLV3.8/6, Mw(mB)3.7/1

ISCJB 19 16:02:00.2,0.8,1.83N:0.06:126.22E:0.09, h83km, mb3.5/3, Error ellipse: s-maj=12.4km s-min=8.4km az=168.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sangihe, Cibinong, Labuha, Marisa, Ampama, Warramunga Arr, ASAR, etc.

DJA 19 16:02:24.3,0.5,1.3S:3.120E, h16km, 4km, M2.5/7, ML2.5/7, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Palu, Mapaga, Mapaga, Tana Toraja, Ampama, Marisa, Sidrap Palu, etc.

MAN 19 16:10:29.8,9.70N:122.40E, h1km, mb3.9, ML2.6, MS2.2, 1C-1D, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sibulan, Jordan, Cuyo Island, Roxas, Pagadian, Ormoc, Odion, Marisan, ENPP, etc.

MAN 19 16:18:20.4,8.77N:125.87E, h76km, mb4.3, ML3.2, MS3.0, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Butuan, Bislig, Surigao, Musuan, Mati, Don Marcelino, etc.

SJA 19 16:19:35.1,0.5,31.58S:69.60W, h106km, 3km, ML2.2, MW4.4, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Leucito, Usapallata, Cerro Valdivia, Cerro Villucun, MOGNA, etc.

ISK 19 16:41:44.7,37.31N:37.11E, h7km, ML 1.9/4, ISCJB 19 16:41:45.5,1.0,37.30N:0.04:37.11E:0.04, h8km, 9km, n14, c039/18, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Gaziantep, Kahramanmaraş, Kuzuni, Andin, Kahrmanmaraş, Adana, AKCAD, etc.

MOS 19 16:46:31.0,1.1,49.95N:156.96E, h17km, mb4.3/1, Error ellipse: s-maj=37.5km s-min=6.1km az=82.6

KRSC 19 16:46:30.2,1.3,49.95N:156.96E, h17km, 16km, ML4.2, 1C, Kuril Islands

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

PAU 19 16:46:31.0,1.1,49.95N:156.96E, h17km, mb4.3/1, Error ellipse: s-maj=37.5km s-min=6.1km az=82.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Khodutka, Kamc, Asutcha, Asutcha, Mutnovka, Mutnovka, Russkaya, Russkaya, Russkaya, etc.

ISC 19 16:02:03.3,1.1,1.86N:0.06:126.22E:0.08, h83km, n3, c1503/10, mb3.7/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Dalk, Dalk, Dalk, Avacha, Avacha, Koryak, Koryak, Koryak, Somma, Somma, Koryakskii, Koryakskii, Sedlovina, Sedlovina, Arik, Arik, Ganaly, Ganaly, etc.

ISCJB 19 17:00:48.0,0.4,2.56N:0.03:22.99E:0.03, h6km, 4km, Error ellipse: s-maj=4.2km s-min=3.2km az=93.8

SOF 19 17:00:48.6,4.256N:23.09E, h15km, MD2.7, BEO 19 17:00:49.2,0.2,42.61N:23.05E, h9km, 2km, ML2.4/12

ISC 19 17:00:49.2,0.2,42.58N:0.02:22.99E:0.02, h8km, 7km, n35, c129/51, 3C-4D, Bulgaria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Vitosha, Vitosha, Vitosha, Krupnik, Zaps, Zaps, Panagyurishte, Barje, Stip, Stip, Musomiste, Valandovo, Valandovo, Skopje, Plovdiv, Plovdiv, Plovdiv, Bovan, Selva, Selva, Rozhen, Krusevo, Krusevo, Kubevo, etc.

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

IDC 19 17:08:28.6-2.0, 6.12S-130.56E, h0km, mb3.2/1, mb1 3.7/5, mb1mx3.5/28, mbtmp3.6/5, ML3.6/4, Error ellipse: s-maj=53.6km s-min=27.4km az=83.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Baumata, Fitzroy Crossi, Warramunga Arr, etc.

MOS 19 17:21:53.5-1.2, 52.28N-100.58E, h10km, mb4.4/1, Error ellipse: s-maj=21.0km s-min=16.8km az=33.8

BYKL 19 17:21:52.8-0.2, 52.30N-100.58E, 4C-1D, Tuva-Buryatia-Mongolia border region

Main table for 1091 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Orlik, Arshan, Talaya, Irkutsk, etc.

Table with columns: TRG, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kabansk, Kyzyl, Khuramsha, etc.

IDC 19 17:25:26.6-12.0, 32.52N-70.58E, h0km, mb3.3/2, mb1 3.5/5, mb1mx3.2/45, mbtmp3.5/5, ML2.8/3, Error ellipse: s-maj=182.9km s-min=46.6km az=169.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sufi-Kurgan, Almayashu, etc.

DDA 19 17:36:54.4, 37.39N-37.13E, h7km, ML2.9 ISK 19 17:36:54.0, 37.33N-37.12E, h5km, ML2.8/2

ellipse: s-maj=5.4km s-min=4.8km az=39.0 ISC 19 17:36:54.7-0.9, 37.34N-0.03-37.13E-0.03, h11km, n18, c0545/21, Turkey

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

ISCJB 19 17:44:22.5-0.5, 18.0S-0.1-178.3W-0.1, h600km, mb4.1/1, Error ellipse: s-maj=17.3km s-min=11.1km az=138.2

IDC 19 17:44:24.9-1.5, 17.95S-178.27W, h617km, mb3.6/1, mb1 3.6/13, mb1mx3.5/27, mbtmp4.6/13, Error ellipse: s-maj=18.9km s-min=10.4km az=139.0

ISC 19 17:44:23.7-0.6, 18.0S-0.1-178.3W-0.1, h600km, n18, c1808/21, mb4.0/1, Fiji Islands region

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

HLW 19 18:04:24.7, 34.17N-25.59E, h10km, 13km, M4.2, M4.2 IDC 19 18:04:26.7-0.5, 34.15N-25.79E, h0km, mb4.3/27, mb1 4.4/39, mb1mx4.3/66, mbtmp4.3/39, ML4.1/10, MS3.6/18, Ms1 3.6/18, ms1mx3.3/47, Error ellipse: s-maj=12.7km s-min=10.4km az=4.0

ATH 19 18:04:26.3, 33.96N-25.71E, h4km, 2km, ML3.8/5, Error ellipse: s-maj=3.9km s-min=1.8km az=346.0

NEIC 19 18:04:28.0-0.4, 34.10N-25.82E, h10km, mb4.5/8, ML3.7(17E), ML3.8(SK), Error ellipse: s-maj=7.2km s-min=5.2km az=210.0

MOS 19 18:04:32.0-1.2, 34.16N-25.83E, h42km, mb4.7/31, Error ellipse: s-maj=5.2km s-min=3.2km az=97.8

THE 19 18:04:32.0, 34.30N-25.70E, h0km, ML3.7/6, Error ellipse: s-maj=1.8km s-min=0.6km az=163.0

NIC 19 18:04:37.7-0.4, 33.61N-26.62E, h20km, mb4.7, ML4.3 ISC 19 18:04:30.5-0.7, 34.05N-0.04-25.78E-0.03, h28km, 4km, n359, c197/375, mb4.4/72, MS3.5/16, 16C-13D, Crete

Main table for 19d 18h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Zakros, Neapolis, etc.

ISCJB 19 17:36:55.2-0.5, 37.34N-0.04-37.13E-0.04, h11km, Error

19d 18h

Table with columns: ID, Name, Time, Status, and other details. Includes entries like THR6 Thira Island, SAP1 Santorini-Akro, THR9 Santorini-Faro, etc.

2012 SEP

Table with columns: ID, Name, Time, Status, and other details. Includes entries like TBKS Tabuk, BBLS Lazći, DIVS Divibare, etc.

1092

Table with columns: ID, Name, Time, Status, and other details. Includes entries like BRG Berggiesshubel, NKNC Novy Kostel, GRF Grafenberg Arr, etc.

1092

Table with columns: ID, Name, Time, Status, and other details. Includes entries like BFO Black Forest, CLL Colim, VSR Storzhevoje, etc.

Table with columns: HNF, HINTERFELD, 0.38 204 ePg, Pg, 18 28 04.1 -0.3, etc.

NNC 19 18:29:45.2,4.3,381.79N,72.60E,h0km,mb3.7,mpv3.3, Error ellipse: s-maj=35.2km s-min=22.3km az=153.0

ISC 19 18:29:41.6,3.4,383N,02.729E,0.1,h35km,n11, s165/15,5C-2D,Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Sufi-Kurgan, Almayashu, Kyzart, etc.

ISK 19 18:49:58.5,7,37.29N,37.06E,h7km,ML 1.9/5

ISCJB 19 18:49:59.3,0.6,37.30N,0.05:37.07E,0.07,h9km,7km, Error ellipse: s-maj=11.6km s-min=5.9km az=140.5

DDA 19 18:49:59.7,37.34N,37.12E,h7km,ML2.7

ISC 19 18:49:58.8,1.1,37.29N,0.05:37.10E,0.05,h14km,8km, n10, s05/22, Turkey

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

ISCJB 19 18:52:34.4,0.4,37.53N,0.03:35.62E,0.04,h12km, Error ellipse: s-maj=4.7km s-min=4.3km az=172.7

DDA 19 18:52:34.1,37.53N,35.57E,h7km,ML2.7

ISC 19 18:52:34.3,37.48N,35.65E,h10km,ML2.5/3

ISC 19 18:52:34.4,0.9,37.53N,0.03:35.61E,0.03,h12km,n19, s07/23, Turkey

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

ROM 19 18:55:59.9,0.2,43.762N,0.007:5.79E,0.01,h14km,1km, ML3.3/17

LDG 19 18:56:00.5,0.0,43.88N,5.85E,h2km,Md3.4/4,ML3.4/45, Error ellipse: s-maj=0.9km s-min=0.7km az=1.0

STR 19 18:56:01.4,0.2,44.1N,5.9E,0.8,h5km,2km,M3.6/23, MLv3.6/23

ISC 19 18:55:59.8,0.8,43.88N,0.02:5.80E,0.01,h15km,5km, n123, s160/231, Near south coast of France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Bastide-des, Mely, Simiane la Rot, etc.

Main table with columns: ISO, ORIF, ORIS-en-Rattie, etc. Includes stations like Monaco, San Damiano, Rocca Remolon, etc.

Table with columns: BHB, BHB, BHB, etc. Includes stations like Reno Supérieure, Saint Sauver, La Plagne, etc.

Table with columns: BOB, BOBBIO (Coli), 2.77 70 P, Pn, 18 56 45.7 +2.0, etc. Includes stations like Bobbio (Coli), Saint Agoulin, Signal de Mont, etc.

Table with columns: PAGF, Fort de Pagny, 4.67 359 ePn, Pn, 18 57 09.7 -0.1, etc. Includes stations like Fort de Pagny, Feichten, Etsaut, etc.

Table with columns: ellipse: s-maj=34.0km s-min=17.8km az=71.0, etc. Includes station lists for various locations like JMA, JCN, JOD2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAZ Gaziantep, KMRS Kahramanmaras, KUZU Kuzuni, etc.

ISK 19 22:56:38.7, 37.36N, 37.18E, h6km, ML2.3/3
ISCJB 19 22:56:39.6, 0.7, 37.33N, 0.04, 37.15E, 0.05, h3km, 7km,
Error ellipse: s-maj=7.4km s-min=4.5km az=44.6

DDA 19 22:56:39.1, 37.27N, 37.13E, h7km, ML2.6
ISC 19 22:56:39.4, 1.0, 37.33N, 0.03, 37.16E, 0.04, h9km, 9km,
n16, o5, 49, 21, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAZ Gaziantep, KMRS Kahramanmaras, KUZU Kuzuni, etc.

MAN 19 22:58:24.7, 9.76N, 123.92E, h79km, mb3.8, ML2.6, MS2.2, ID, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCPH Surigao, BESP Borongan, CNP Catarman, etc.

MEX 19 23:14:41.0, 0.6, 16.10N, 98.37W, h5km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, TLIG Tlapa, VHO Vista Hermosa, etc.

NEIC 19 23:15:06.9, 0.0, 37.31N, 37.14E, h9km, ML4.1 (ISK), After ISK

DDA 19 23:15:07.9, 0.8, 37.38N, 37.17E, h0km, mb3.8/7, mb1.3/13, mb1mx3.6/50, mbmtmp3.7/13, ML3.4/4, MS3.0/6, Ms1.3/0.6, ms1mx2.6/43, Error ellipse: s-maj=12.4km s-min=10.6km az=71.4

DDA 19 23:15:07.3, 29N, 37.15E, h25km, ML4.3
ISK 19 23:15:07.1, 37.33N, 37.12E, h10km, ML4.1/17
NIC 19 23:15:09.8, 0.3, 37.17N, 37.59E, h25km, mb4.5, ML4.1
GIL 19 23:15:15.7, 0.0, 36.92N, 36.28E, h25km

ISC 19 23:15:09.2, 0.7, 37.31N, 0.02, 37.09E, 0.02, h12km, 4km, n126, o1975, 155, mb3.8/6, 10C-6D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAZ Gaziantep, KMRS Kahramanmaras, KUZU Kuzuni, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DIVA Diyarbakir, KIZK Kizilirmir, KIZK Kizilirmir, etc.

ISK 19 23:19:39.3, 1.0, 37.33N, 0.03, 37.16E, 0.04, h10km, 8km, n17, o5, 71/22, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EREN Erenkoy, AKSY AKSARAY, SULT Sultanhani, etc.

BRTR 4.1nm, 0.3s, baz=133, slow=18, SNR=33

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KKUL Konya-Kulu, KMER Konya-Merem, MAMC Mamdari, etc.

BRTR 3.2nm, 0.3s, baz=130, slow=28, SNR=31

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DORL Deir Oamar, KONT Konya-Tatoy, BBSL Bala, etc.

MMAI 19nm, 0.3s, baz=38, slow=16, SNR=24

MMAI 24nm, 0.3s, baz=7.0, slow=25, SNR=6.4

MMML Mount Malkishu 5.05 196 Pn

ASF Jabal al Asfar 5.13 182 Pn

ASF 4.8nm, 0.3s, baz=344, slow=9.0, SNR=6

ASF 0.2nm, 0.3s, baz=298, slow=21, SNR=16

ASF 9.3nm, 0.3s, baz=169, slow=21, SNR=6.0

HMDT Nathal Hemdat 5.20 195 Pn

SLTI Saif It 5.83 199 Pn

DSI Dead Sea 5.99 194 Pn

GNI Garni 6.62 62 Pn

GNI 0.4nm, 0.3s, baz=81, slow=12, SNR=2.8

GNI 0.4nm, 0.3s, baz=301, slow=3.3, SNR=6.5

GNI Garni 6.62 62 Pn

GNI 34nm, 0.8s

GNI Khabaz 7.79 33 Pn

EIL Elat 7.82 194 Pn

EIL 0.1nm, 0.3s, baz=10.0, slow=17, SNR=1.8

EIL 0.2nm, 0.3s, baz=50, slow=15, SNR=2.3

KVAR Kislavodsk Arr 7.89 31 LR

IDI Anovya 11.05 262 Pn

MLR Muntele Rosu 11.69 318 Pn

AKASO Malin Array Be 14.52 340 Pn

GEYT Alibek 16.68 81 Pn

DPC Dobruska-Polom 19.77 318 eP

AKTO Aktyubinsk 19.91 42 LR

GERES GERES Array B 20.52 312 P

KHU Kasperske Hory 20.72 312 eP

DAVX Davos/Dischmat 22.22 304 P

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

DAVOX 1.2nm, 0.6s, baz=126, slow=19, SNR=2.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATAB Bozova, ELBS KAHRAMANMARAS, SAIM ADANA, etc.

ISC 19 23:23:51.3, 8.0, 0.96N, 97.36E, h50km, 6.7km, mb3.3/4, mb1.3/3.5, mb1mx3.1/36, mbmtmp3.4/5, ML2.4/1, MS3.8/1, Ms1.3/8.1, ms1mx2.8/16, Error ellipse: s-maj=66.7km s-min=25.6km az=61.0, Northern Sumatra

Code Station Name Az Phase ID Time Res

PSI Prapat 2.40 41 Op

PSI 1.0nm, 0.3s, baz=180, slow=5.6, SNR=2.5

PSI 1.5nm, 0.3s, baz=180, slow=6.1, SNR=4.2

H0BS2 Diego Garcia H 26.23 251 T

H0BS3 Diego Garcia H 26.24 251 T

H0BS1 Diego Garcia H 26.25 251 T

H0W3 Cape Leeuwin H 38.98 158 T

H0W2 Cape Leeuwin H 38.99 158 T

H0W1 Cape Leeuwin H 39.00 158 T

H0W4 Warramunga Arr 47.33 8 P

JAY Jayapura 43.48 95 LR

S0NM Songio Array 47.33 8 P

MKAR Makanchi Array 47.49 346 P

ZALV Zalesovo Beam 53.80 351 P

ZALV 0.4nm, 0.3s, baz=186, slow=8.7, SNR=2.6

DDA 19 23:24:02.5, 37.30N, 37.12E, h7km, ML3.2

ISK 19 23:24:02.3, 37.36N, 37.17E, h0km, ML2.7/2

ISCJB 19 23:24:03.1, 0.7, 37.34N, 0.03, 37.13E, 0.05, h4km, 7km, Error ellipse: s-maj=7.1km s-min=4.8km az=139.1

ISC 19 23:24:02.9, 1.1, 37.33N, 0.04, 37.16E, 0.04, h7km, 10km, n17, o5, 71/21, Turkey

Code Station Name Az Phase ID Time Res

GAZ Gaziantep 0.18 166 PG

GAZ 0.23 323 PG

KMRS Kahramanmaras 0.26 308 PG

KMRS Kahramanmaras 0.26 308 PG

KUZU Kuzuni 0.56 186 IP

ANDN Andirin 0.68 290 IP

ATAB Bozova 0.92 82 IP

ELBS KAHRAMANMARAS09 359 IP

SAIM ADANA 1.06 307 IP

SAIM ADANA 1.06 307 IP

AKCD Akcadag 1.12 33 IP

AKCD Akcadag 1.14 32 IP

TAHT Tahtakopr-Hat 1.23 219 PN

DARE Darend-Malaty 1.26 112 PN

URFA Urfa 1.34 84 PN

SAJL SANLIURFA_Merk 1.46 95 IP

YAYL Yayladag 1.52 213 PN

YAHY KAYSERI_Yahyal 1.60 298 IP

BNN Bunyan 1.82 326 PN

SVRC Sivrice-ELAZID 2.00 58 PN

MAN 19 23:29:03.3, 12.49N, 123.44E, h1km, mb4.0, ML2.8, MS2.4, 1C-1D, Luzon

Code Station Name Az Phase ID Time Res

MMPH Masbate 0.22 127 IP

AUOP San Andres 1.11 318 IP

AUOP San Andres 1.11 318 IP

RCP Roxas 1.51 216 IP

RCP Roxas 1.51 216 IP

CNP Catarman 1.19 89 eP

OTRP Odiongan 1.39 265 eP

ISK 19 23:29:19.5, 37.31N, 37.10E, h3km, ML2.6/2

ISCJB 19 23:29:20.5, 0.6, 37.31N, 0.04, 37.12E, 0.05, h8km, 6km, Error ellipse: s-maj=5.8km s-min=5.2km az=138.3

DDA 19 23:29:20.2, 37.32N, 37.14E, h7km, ML3.2

ISC 19 23:29:20.2, 1.0, 37.31N, 0.03, 37.13E, 0.03, h11km, 9km, n17, o5, 53/19, Turkey

Code Station Name Az Phase ID Time Res

GAZ Gaziantep 0.16 155 PG

GAZ 0.23 323 PG

KMRS Kahramanmaras 0.26 317 PG

KMRS Kahramanmaras 0.26 317 PG

KUZU Kuzuni 0.54 184 IP

ANDN Andirin 0.68 293 IP

ATAB Bozova 0.94 80 IP

ELBS KAHRAMANMARAS01 21 IP

SAIM ADANA 1.06 309 IP

SAIM ADANA 1.06 309 IP

TAHT Tahtakopr-Hat 1.20 219 PN

KURC SANLIURFA_SURC 1.26 110 IP

DARE Darend-Malaty 1.29 13 PN

URFA Urfa 1.34 84 PN

SAJL SANLIURFA_Merk 1.46 95 IP

YAYL Yayladag 1.52 213 PN

YAHY KAYSERI_Yahyal 1.60 298 IP

BNN Bunyan 1.82 326 PN

SVRC Sivrice-ELAZID 2.04 58 PN

NNC 20 00:00:01.9, 2.4, 43.25N, 87.21E, h0km, mb3.5, mpv3.1, 9C-4D, Error ellipse: s-maj=18.2km s-min=14.2km az=104.0, Northern Xinjiang

Code Station Name Az Phase ID Time Res

MK31 Makanchi Array 4.97 317 IP

MK31 0.7nm, 0.3s, baz=134, slow=14, SNR=6.7

MK31 1.2nm, 0.4s, baz=140, slow=15, SNR=5.8

MK31 2.7nm, 0.5s, baz=143, slow=14, SNR=3.8

MAK2 Makanchi 5.14 314 IP

MAK2 1.0nm, 0.3s

MAK2 1.8nm, 0.4s

MAK2 2.7nm, 0.5s

PDGK Podgornoye 5.64 273 IP

PDGK 1.2nm, 0.4s

PDGK 3.7nm, 0.9s

PDGK 4.4nm, 0.6s

KURBB Kurchatov Arr 9.46 324 IP

KURBB 1.1nm, 0.8s

KURBB 2.0nm, 0.5s

KURK Kurchatov 9.49 325 IP

KURK 0.4nm, 0.6s

KURK 0.8nm, 0.5s

KURK 0.8nm, 0.5s

KURK 0.8nm, 0.5s

KURK 0.8nm, 0.5s

KURK 0.8nm, 0.5s

KURK 0.8nm, 0.5s

KURK 0.8nm, 0.5s

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KURK 0.8nm, 0.5s

KURK 0.8nm, 0.5s

KURK 0.8nm, 0.5s

KURK 0.8nm, 0.5s

KURK 0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CUKAN kangal_SIVAS, CUKAN, CUKAN Sivrice-ELAZID, NIGR Nigde, CUSAR Sarkisla-SIVAS, etc.

MEX 20 01:15:44.9-0.4, 17.23N x 100.05W, h58km, 5km, MD3.6, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, CAIG, APZ Acazulco, MEIG Mecapala, etc.

MAN 20 01:21:02.7, 7.93N x 125.06E, h17km, mb4.1, ML2.9, MS2.6, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUKP Musuan, BUKP, CGP Cagayan de Oro, CGP, CTBH Cotabado-PC H, CTBH, etc.

NDI 20 01:38:23.4-1.9, 24.19N x 91.70E, h12km, 12km, ML3.0, India-Bangladesh border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BELO BELONIA, SILR SILCHAR, SHL Shilong, SAIH SAIHA, IMP Imphal, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SBL5 San Blas, RNR El Retiro, COL Colinas, BOOS Boqueron, SNET Serv Nac Est T, etc.

MEX 20 01:15:44.9-0.4, 17.23N x 100.05W, h58km, 5km, MD3.6, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ESTN Estel, ESTN, BRAN Las Pilas, APYN Apoyaque, etc.

MAN 20 01:21:02.7, 7.93N x 125.06E, h17km, mb4.1, ML2.9, MS2.6, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LCR2 La Lucha 2, GQR1 Quepos, URCS Urasca, etc.

NDI 20 01:38:23.4-1.9, 24.19N x 91.70E, h12km, 12km, ML3.0, India-Bangladesh border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 344A Westbrook Farm, 341A Kurthwood, 435B Jarrell, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATAH Atahualpa, T42A Van Buren, T47A Sharon Grove, T49A Edmonton, SIUC Southern Illin, etc.

DJA 20 01:51:37.5-0.4, 9°S, 51°18'E, h108km, 5km, M3.5/10, ML3.5/10, Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, DNP Taliwang, SRBI Singaraja, etc.

MOS 20 02:04:45.3-0.0, 42.47N x 45.55E, h25km, MPVA3.2, TIF 20 02:04:46.1, 42.45N x 45.47E, h19km, 4km, ISC 20 02:04:46.0-1.2, 42.45N x 0.03-45.50E, 0.03, h15km, 10km, n21, 08R0/41, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BTLR Botlikh, DVE Vedenno, DUS Dusheti, etc.

MOS 20 02:04:45.3-0.0, 42.47N x 45.55E, h25km, MPVA3.2, TIF 20 02:04:46.1, 42.45N x 45.47E, h19km, 4km, ISC 20 02:04:46.0-1.2, 42.45N x 0.03-45.50E, 0.03, h15km, 10km, n21, 08R0/41, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BTLR Botlikh, DVE Vedenno, DUS Dusheti, etc.

ISC/B 20 01:51:13.3-0.4, 13.28N x 0.03-89.88W, 0.03, h76km, 3km, az=41.2, UCR 20 01:51:13.7-1.4, 13.24N x 89.92W, h30km, 3km, MD4.6, ML4.4, mb4.3, NEIC, IDC 20 01:51:13.7-0.9, 13.55N x 89.25W, h58km, 6km, mb3.7/10, mb1.4/0.11, mb1mx3.8/3.1, mbtmp4.0/1.1, MS3.4/1.7, Ms1.3/4.17, ms1mx3.2/3.5, Error ellipse: s-maj=28.2km, s-min=8.7km, az=48.0, NEIC 20 01:51:14.7-0.7, 13.27N x 89.86W, h72km, 6km, mb4.3/3.5, MD4.6(SNET), Error ellipse: s-maj=11.7km, s-min=5.5km, az=213.0, NEIC Felt [I] at San Salvador. Also felt at Acajutla, San Cristobal and Santo Tomas, ISC 20 01:51:13.8-0.6, 13.31N x 0.05-89.85W, 0.05, h63km, 4km, h64km: pP, n131, 0.1967/154, mb4.2/3.5, 4C, El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SWET Sewanee, J40C Jenkinsville, VSDO Witts Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BTLR Botlikh, DVE Vedenno, DUS Dusheti, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KORR, TRLG, STDR, LSNR, DIGR, ONI, NEY.

DDA 20 02:04:53.0, 37.282N, 37.13E, h6km, ML2.5
ISCJB 20 02:04:53.0, 37.32N, 37.13E, h4km, gkm, Error ellipse: s-maj=6.4km s-min=4.4km az=44.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GAZ, KMRs, KUZU, ANDN, SAIM, AKCD, TAHT, SURC, DARE, URFA, SVRC.

SKO 20 02:11:28.0, 41.21N, 19.33E, h14km
PDG 20 02:11:30.4, 41.36N, 19.53E, h11km, 1km, ML2.4/1.1, Error ellipse: s-maj=1.0km s-min=1.7km az=0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIR, ULG, PUK, PPH, DRME, VLO, BUM, BCI, PDG, TTG, KBN, KRN, CEME, HCY, BIA, NEST, NKME, KOME, FNY, NKY, SRN, IVA, BRY, UPM, PLE, STIP, GRG, POO.

ISC 20 02:11:30.7, 41.34N, 19.55E, h19km, ML2.2/7, THE 20 02:11:31.2, 41.52N, 19.78E, h12km, ML2.1/5, Error ellipse: s-maj=0.9km s-min=0.5km az=67.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIR, ULG, PUK, PPH, DRME, VLO, BUM, BCI, PDG, TTG, KBN, KRN, CEME, HCY, BIA, NEST, NKME, KOME, FNY, NKY, SRN, IVA, BRY, UPM, PLE, STIP, GRG, POO.

ISK 20 02:21:57.6, 37.33N, 37.13E, h3km, ML2.7/7
DDA 20 02:21:58.3, 37.25N, 37.08E, h19km, M3.1
ISC 20 02:21:58.4, 1.0, 37.29N, 0.03, 37.11E, 0.02, h10km, gkm, n25, r1507/42, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GAZ, KMRs, KUZU, ANDN, ATAB, ELBS, SAIM, SAIM, TAHT, AKCD, SURC, YURE, DARE, URFA, CUGUR, YAYL, SANL, SANL, YAHY, BNN, CUALT.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CUKAN, SVRC, CUSAR, KEMA, DIYA, HANI.

ISK 20 02:27:32.1, 37.34N, 37.14E, h6km, ML2.4/7
ISCJB 20 02:27:33.1, 0.6, 37.32N, 0.02, 37.14E, 0.03, h5km, 5km, Error ellipse: s-maj=4.9km s-min=3.7km az=138.4
DDA 20 02:27:33.4, 37.33N, 37.14E, h7km, ML2.9
ISC 20 02:27:32.8, 1.0, 37.32N, 0.02, 37.16E, 0.03, h6km, gkm, n21, r0594/35, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GAZ, KMRs, KUZU, ANDN, ATAB, ELBS, SAIM, AKCD, TAHT, SURC, CUGUR, SANL, SANL, BNN, CUALT, SVRC, CUKAN, KEMA.

ISK 20 02:38:38.7, 37.32N, 37.07E, h5km, ML1.9/7
DDA 20 02:38:40.0, 37.29N, 37.14E, h14km, ML2.8
ISC 20 02:38:39.5, 1.1, 37.31N, 0.03, 37.13E, 0.03, h8km, gkm, n17, r0596/29, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GAZ, KMRs, KUZU, ANDN, ATAB, ELBS, SAIM, AKCD, TAHT, SURC, DARE, URFA, CUGUR, SANL, YAYL, SVRC, KEMA.

MAN 20 02:57:21.6, 12.05N, 124.18E, h25km, mb3.9, ML2.7, MS2.3, 2C, Samar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CNP, PLP, BESP, RCP, PVCP, OTRP.

KRNET 20 03:12:10.5, 0.1, 41.19N, 72.08E, h35km, mb1.7, 2C-3D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARK, ARSB, MNAS.

NIED 20 03:24:00, 37.00N, 141.30E, h44km, Mw3.6 Best double couple: M2.99000x10^14 NP1.228.00000, 8.19.00000, lambda115.00000, NP2.22.00000, 8.73.00000, lambda82.00000
IDC 20 03:24:13.7, 2.5, 37.22N, 141.77E, h0km, mb3.5/4, mb1.3/6.6, mb1mx3.4/59, mbtmp3.6/6, ML3.7/2, MS2.4/2, Ms1.2/4.2, ms1mx2.1/39, Error ellipse: s-maj=57.1km s-min=25.5km az=72.0
ISCJB 20 03:24:20.1, 0.8, 37.02N, 0.03, 141.35E, 0.08, h48km, 7km, mb3.4/4, Error ellipse: s-maj=10.9km s-min=5.3km az=15.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARK, ARSB, MNAS.

JMA 20 03:24:22.1, 0.1, 37.08N, 141.18E, h50km, 1km, M3.8 JMA Feil J1, J1
ISC 20 03:24:19.6, 1.5, 37.05N, 0.04, 141.41E, 0.07, h31km, 10km, n25, r0598/31, mb3.3/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANAJ, JFK, JFFD, JHO, JMO, JMM, JMT, JIO.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JFY, JOU, JYS, JAG, JAG, MJAR, MJAR, MJAR, MAT, MAT, JHU, JHU, KSRs, KSRs, SOMN, SOMN, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, ZALV, MKAR, WRA.

NIED 20 03:32:00, 42.30N, 143.00E, h56km, Mw3.9 Best double couple: M7.98000x10^14 NP1.228.00000, 8.27.00000, lambda103.00000, NP2.22.00000, 8.64.00000, lambda83.00000
ISCJB 20 03:32:26.3, 0.4, 42.23N, 0.05, 142.98E, 0.04, h69km, 3km, mb3.8/1.8, Error ellipse: s-maj=8.5km s-min=4.2km az=152.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JEM, JNBK, JNBK, JTHR, JTHR, JSHD, JCH, JCH, JBT2, JBT2, JOB, JOB, JFR, JAR, JAR, JEW, JAB, JAK, JAK, ASAJ, ASAJ, ASAJ, GLVR, GLVR, GLVR, GRPR, GRPR, GRPR, GRPR, GRPR, LAGR, LAGR, LAGR, YUK, YUK, YUK, YUK, YUK, SHO, SHO, SHO, SHO, KUR, KUR, KUR, KUR, YSS, YSS, YSS, MJAR, MJAR, USRK, USRK, JHU, JHU, JHU, KSRs, KSRs, KSRs, JHU, JHU, JHU, PETK, PETK, SEY, SEY.

MOS 20 03:32:27.0, 0.9, 42.24N, 142.95E, h79km, mb4.3/1.2, Error ellipse: s-maj=1.3km s-min=7.7km az=68.2
IDC 20 03:32:27.9, 1.9, 42.26N, 143.02E, h70km, 16km, mb3.6/1.7, mb1.3/7.2, mb1mx3.6/67, mbtmp3.9/21, MS2.8/6, Ms1.2/8.6, ms1mx2.6/32, Error ellipse: s-maj=21.0km s-min=15.1km az=107.0

JMA 20 03:32:28.2, 0.1, 42.33N, 142.98E, h55km, 1km, M3.8 Broadband fault plane solution: P waves, NP1: q=49.00000, s=56.00000, lambda105.00000, NP2: q=203.00000, s=37.00000, lambda69.00000. Principal axes: T P1g74.00000, Azm1.00000, N P1g13.00000, Azm220.00000; P P1g10.00000, Azm128.00000;

JMA Feil J1, J1
ISC 20 03:32:26.9, 0.7, 42.17N, 0.05, 143.00E, 0.04, h63km, 6km, n51, r1553/57, mb4.0/1.8, 7C-3D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JEM, JNBK, JNBK, JTHR, JTHR, JSHD, JCH, JCH, JBT2, JBT2, JOB, JOB, JFR, JAR, JAR, JEW, JAB, JAK, JAK, ASAJ, ASAJ, ASAJ, GLVR, GLVR, GLVR, GRPR, GRPR, GRPR, GRPR, GRPR, LAGR, LAGR, LAGR, YUK, YUK, YUK, YUK, YUK, SHO, SHO, SHO, SHO, KUR, KUR, KUR, KUR, YSS, YSS, YSS, MJAR, MJAR, USRK, USRK, JHU, JHU, JHU, KSRs, KSRs, KSRs, JHU, JHU, JHU, PETK, PETK, SEY, SEY.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Time, Res. Includes stations like SONMG Sogingo Array, H1N12 WAKE ISLAND Hy 30,15 131 T, etc.

ISCJB 20 03:32:29.9,0.2, 20.32S, 0.06, 168.22E, 0.05, h26km, mb4.9/92, Error ellipse: s-maj=9.6km s-min=4.5km az=147.3

NEIC 20 03:32:31.5,0.4, 20.46S, 0.08, 168.36E, 0.09, h26km, h26km:pp-P,n281,01909/280,mb5.0/92,3C-1D,Loyalty Islands

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Time, Res. Includes stations like DZM Mont Dzumac, DZM 154nm,0.3s,baz=116,slow=23,SNR=8.0, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Time, Res. Includes stations like MJAR comp=Z,1.1nm,21.7s,baz=170,slow=34, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, ISC, h, m, s, Time, Res. Includes stations like BELC Belle Mtn. Jos, PAHR Pah Rang Range, H04D Lebanon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ESTREMOZ, BARRANCO-DO-VE, CASTELO BRANCO, etc.

SOME 20 04:14:19.2, 44.731N, 82.222E, h20km
NCC 20 04:14:20.5, 1.1, 44.65N, 82.28E, h0km, mb3.0, mpv2.5,
Error ellipse: s-maj=15.6km s-min=2.7km az=116.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DJR, KTMS, EBAD, EMAZ, MVO, EAGO, etc.

ISCJB 20 04:20:01.7, 0.7, 73.15N, 0.04, 7.3E, 0.3, h10km, mb3.1/2,
MS3.0/6, Error ellipse: s-maj=10.9km s-min=5.6km az=7.0
NAO 20 04:20:01.8, 1.2, 73.08N, 6.81E, ML3.0

ISC 20 04:20:02.3, 1.5, 73.05N, 6.60E, h0km, mb3.2, mb1 3.7/7,
mb1mx3.4/5.0, mbtmp3.6/7, ML3.0/5, MS3.0/11,
ms1mx2.7/3.2, Error ellipse: s-maj=31.1km s-min=16.2km
az=76.0

BER 20 04:20:05.9, 1.1, 73.15N, 7.00E, h15km, 52km, ML2.4,
ML3.0/(NAO)
ISC 20 04:20:03.9, 1.1, 73.16N, 0.06, 7.63E, 0.10, h10km, n37,
@133/36, MS2.9/6, Greenland Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BJO1, HSPB, JMIC, SPA0, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FINES, VRAC, AKASG, GERES, etc.

MAN 20 04:36:18.3, 13.55N, 120.04E, h4km, mb4.6, ML3.4, MS3.3,
2C-2D, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LUBP, PGP, TGY, etc.

MEX 20 04:39:35.8, 0.5, 15.60N, 98.00W, h14km, 42km, MD3.7,
Near coast of Oaxaca

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

ISCJB 20 04:41:40.4, 1.0, 32.87S, 0.05, 70.45W, 0.06, h96km, 9km,
Error ellipse: s-maj=8.6km s-min=7.1km az=142.4
GUC 20 04:41:40.7, 0.5, 32.87S, 70.57W, h98km, 4km, ML2.7

SJA 20 04:41:40.3, 1.1, 32.83S, 70.43W, h87km, 8km, ML2.4,
MW2.7

ISC 20 04:41:41.5, 1.9, 32.87S, 0.06, 70.45W, 0.06, h87km, 15km,
n18, @983/28, 1C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PEL, ROCH, ROCI, etc.

ASC 20 05:05:32.5, 1.6, 101.52N, 126.76E, h0km, mb3.7/7,
mb1 3.9/7, mb1mx3.7/39, mbtmp3.7/7, MS2.9/2, Ms1 2.9/2,
ms1mx2.3/4.2, Error ellipse: s-maj=75.6km s-min=21.1km
az=59.0

MAN 20 05:05:37.3, 10.80N, 126.68E, h6km, mb4.7, ML3.6, MS3.5,
ISC 20 05:05:34.5, 1.2, 10.83N, 126.81E, 0.09, h10km, n14,
@173/13, mb3.7/7, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BESP, BLP, MSLP, etc.

Error ellipse: s-maj=5.2km s-min=4.5km az=23.0
ISK 20 05:27:41.5, 38.46N, 32.40E, h6km, ML2.1/8
DDA 20 05:27:42.1, 38.45N, 32.42E, h7km, ML2.6
ISC 20 05:27:42.0, 1.1, 38.45N, 0.03, 32.44E, 0.03, h9km, 10km,
n15, @61/24, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KDHN, KONT, KONYA-TATDY, etc.

MOS 20 05:40:11.8, 0.9, 20.50S, 176.15W, h147km, mb4.7/18,
Error ellipse: s-maj=8.9km s-min=7.5km az=135.6
IDC 20 05:40:13.0, 1.6, 20.55S, 176.10W, h148km, 13km,
mb4.9/30, mb1 4.9/34, mb1mx4.8/44, mbtmp5.3/34, MS3.5/5,
Ms1 3.5/5, ms1mx3.2/38, Error ellipse: s-maj=10.5km
s-min=9.0km az=138.0

ISCJB 20 05:40:14.4, 0.8, 20.64S, 0.03, 176.18W, 0.03,
h174km, 7km, mb4.9/198, Error ellipse: s-maj=5.1km
s-min=3.1km az=141.5

BJJ 20 05:40:17.2, 20.15S, 175.57W, h206km, mb5.2/41,
mb5.1/30
WEL 20 05:40:18.0, 20.61S, 176.20W, h204km

NEIC 20 05:40:18.0, 1.0, 20.61S, 176.20W, mb4.8/154, Error
ellipse: s-maj=4.3km s-min=2.6km az=133.0
GCMT 20 05:40:19.8, 0.1, 20.69S, 0.01, 175.74W, 0.01,
h196km, 1km, MW5.3/124, Moment Tensor solution.

s100, c148, s124, c193; Duration: 1s1 Moment tensor.
Scale 101°N/m; Mr=0.45; 0.02; Mw=0.27; 0.02; Mww=0.18; 0.02;
Mw=0.34; 0.02; Mw=0.37; 0.02; Mw=1.00; 0.01; Best double
couple: Mb1.16000x1017 NPT1.2220000x1018, 0.00000x1018,
-1.04.00000x1017. NP2.254.00000x1018, 0.00000x1018,
1.39.00000x1017. Principal axes: T 1.1960, P1g32.00000x1017,
Az1.164.00000x1017, Az2.0000, P1g14.00000x1017, Azm25.00000x1017,
-1.1860, P1g54.00000x1017, Azm274.00000x1017; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 20 05:40:11.9, 0.3, 20.65S, 0.04, 176.04W, 0.04,
h147km, 2km, h148km, p-P, n764, @179/866, mb5.0/198,
67C-12D, Fiji Islands region

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

20x 5h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like Pawanui, Pukenui, Takapari Road, Dannevirke, etc.

20x 5h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ASAR, ASAR, GENI, WRAB, WRA, etc.

20x 5h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like TPUB, YHNB, PET, PET, CGJI, etc.

1106

20d 5h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SONM, GTA, 348A, etc.

2012 SEP

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like OKC, OKR, OKK, etc.

1108

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SOKA, PERS, PERS, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNMC Minye Minye, PB05 IPOC Station P, etc.

SJA 20 06:01:02.6:0.8,34,24S:69.49W,h11km,4km,ML3.1, MW3.5,Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RFA San Rafael, AAGR Agrelo, ARCO CERRO ARCO, etc.

BUJ 20 06:08:03.5, 13.90S:72.50W, h47km, mB5.2/5, Ms5.3/5, Ms7.5/4

ISCJB 20 06:08:04.4:0.2, 13.80S:72.45W, 0.05, h87km, mb4.8/166, Error ellipse: s-maj=7.6km s-min=4.0km az=158.3

IDC 20 06:08:05.6:1.7, 13.92S:72.91W, h75km, 15km, mb4.2/16, mb1.4/4/21, mb1mx4.3/28, mbtmp4.6/21, MS3.5/4, Ms1.3/6.4, ms1mx3.3/22, Error ellipse: s-maj=15.1km s-min=10.8km az=36.0

NEIC 20 06:08:06.6:0.2, 13.91S:72.58W, mb4.9/157, ML4.6(ARE), Error ellipse: s-maj=6.1km s-min=3.7km az=62.0

NEIC Felt [I] at Abancay. Also felt at Cusco. GCMT 20 06:08:07.6:0.4, 14.06S:72.85W, 0.03, h89km, 4km, MW4.9/58, Moment Tensor Solution. s23.c23; s58.c81; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-2.41±.13; Mw0.41±.14; Mw1.99±.16; Mw0.75±.09; Mw2.08±.12; Mw0.33±.13; Best double couple: Mo3.10600±.1016 NP1:303.00000°, δ51.00000°, λ-122.00000°. NP2: 0±168.00000°, δ49.00000°, λ-56.00000°. Principal axes: T 3.4300, Plg2.0000°, Azm55.0000°; N -0.6540, Plg25.0000°, Azm324.0000°; P -2.7820, Plg65.0000°, Azm149.0000°. nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 20 06:08:04.9:0.4, 13.97S:72.76W, 0.06, h72km, 3km, n578, r1939/625, mb4.9/166, 3C-1D, Central Peru

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNA Nana, LPAZ La Paz, LPB12 IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNMC Minye Minye, PSGC Pisagua, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAH Atahualpa, LVC Limon Verde, LVC IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAML Samuel, OTAV Otavalo, OTAV Otavalo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTGA Pitinga, PTGA Pitinga, CHC Chingaza, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUYC Guyana, HELC Santa Helena, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBYP Canovanas, CUPR Culebra, ANWB Willy Bob, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LNIG Linares, BRAL Brewton, 350A Dozier, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 545A Edgard, 252A Lumpkin, 349A Repton, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 155A Kite, 446A Poplarville, NHSC New Hope, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 154A Montrose, 251A Midway, 250A Grady, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 153A Fort Valley, 445A Amite, 347A Saraland, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 249A Camden, 152A Waverly Hall, 151A Opelika, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 346A Big Creek Wild, Z54A Sparta, 248A Dix Mills, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 150A Eclectic, Z53A Monticello, Z52A Williamson, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOGA Godfrey, 149A Jones, 247A Quitman, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 148A Greensboro, Y54A Tignall, 343A Vidalia, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like X45A UM Field Stati, Y43A Makayla and Ka, Y51A Loudon, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Z41A Richland Creek, Z41A Richland Creek, V50A Pikeville, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OXF OXF, PLAL Blackwick Lake, W47A Westpoint, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like V49A McMinnville, W46A Michie, U52A Thorn Hill, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U51A La Follette, V48A Smith Brothers, V48A Smith Brothers, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like X43A Marvel, Y41A Gallette Beard, U50A Jamestown, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BLA Blacksburg, V47A Nunnely, WHTX Lake Whitney, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Y40A Okolona, V46A Holladay, U49A Red Boiling Sp, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HPIG comp=N,6.7nm,0.9s, X41A Kaden, Bauxite, T51A Gray, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like V45A Humboldt, WVT Waverly, WVT Waverly, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like X40A Basin Creek Fa, U48A Casby, Pea, Po, R58B Mineral, etc.

20d 6h

S45A	Carrier Mills	53.48 344	P	P	06 17 17.0 -0.8
USIN	University of	53.52 345	eP	P	06 17 17.5 -0.7
U40A	Yellville	53.53 340	P	P	06 17 17.3 -1.0
R47A	Wooly Knot Far	53.57 347	P	P	06 17 17.2 -1.3
Q50A	Georgetown	53.58 349	P	P	06 17 17.6 -0.9
T42A	Van Buren	53.59 342	eP	P	06 17 17.4 -1.3
T42A	Van Buren	53.59 342	P	P	06 17 17.1 -1.6
S44A	Carbondale	53.68 344	P	P	06 17 18.4 -0.9
SIUC	Southern Illin	53.69 344	eP	P	06 17 18.8 -0.5
R46A	Gibson Southern	53.72 346	P	P	06 17 18.3 -1.3
U39A	Green Forest	53.77 339	P	P	06 17 19.0 -1.1
P53A	Whipple	53.79 352	P	P	06 17 19.2 -0.9
S43A	Fulton Ridge	53.79 343	P	P	06 17 19.0 -1.2
T41A	Mountain View	53.81 341	P	P	06 17 19.1 -1.2
HHAR	Hobbs	53.84 339	eP	P	06 17 20.2 -0.3
Q49A	Aurora	53.91 346	P	P	06 17 19.8 -1.1
R45A	Skyilar, Fairfi	53.99 345	P	P	06 17 20.4 -1.1
Q48A	North Vernon	54.00 348	P	P	06 17 20.7 -0.9
P51A	Williamsport	54.04 350	P	P	06 17 20.8 -1.0
T40A	Mansfield	54.15 341	P	P	06 17 21.6 -1.0
R44A	Waltonville	54.15 344	P	P	06 17 21.7 -1.0
Q47A	Bedord North L	54.16 347	P	P	06 17 21.6 -1.2
S42A	Caledonia	54.18 342	P	P	06 17 21.7 -1.3
TUL1	Leonard	54.19 337	eP	P	06 17 23.1 0.0
TUL1	Leonard	54.19 337	P	P	06 17 22.6 -0.4
FV1	French Village	54.28 343	eP	P	06 17 23.0 0.0
P50A	Jamestown	54.29 350	P	P	06 17 22.5 -1.2
S41A	Jillico Farms	54.30 341	P	P	06 17 22.6 -1.3
T39A	Cleaver	54.31 340	P	P	06 17 22.7 -1.3
P49A	Miami Univ. Ec	54.38 349	P	P	06 17 23.1 -1.3
WMOK	Wichita Mounta	54.38 334	P	P	06 17 23.5 -1.0
R43A	Red Bud	54.41 343	P	P	06 17 23.8 -0.8
Q45A	Warren Harvey	54.52 345	P	P	06 17 24.5 -1.0
O51A	Pataaskala	54.61 351	P	P	06 17 25.8 -0.2
T38A	Diamond	54.64 339	P	P	06 17 25.6 -0.7
P47A	Martinsville	54.65 347	P	P	06 17 25.1 -1.2
Q44A	Luebbering	54.66 343	P	P	06 17 25.4 -1.0
R42A	Meyer Farm, Va	54.75 344	P	P	06 17 26.1 -1.0
ACSO	Alum Creek Sta	54.76 350	P	P	06 17 25.9 -1.2
O50A	Cable	54.78 350	P	P	06 17 26.1 -1.1
R41A	Rosedub	54.84 342	P	P	06 17 26.6 -1.1
S39A	Bolivar	54.90 340	eP	P	06 17 27.2 -1.0
S39A	Bolivar	54.90 340	P	P	06 17 27.2 -1.0
O49A	Covington	54.95 349	P	P	06 17 27.1 -1.3
Q43A	New Douglas	54.97 344	P	P	06 17 27.5 -1.2
P46A	Rosedale	54.99 346	P	P	06 17 26.9 -1.8
P45A	Graceland, Par	55.03 346	P	P	06 17 27.2 -1.8
S38A	Stockton	55.04 340	P	P	06 17 28.1 -1.1
MINTX	Cornudas Mount	55.15 326	eP	P	06 17 29.4 -0.7
MINTX	Cornudas Mount	55.15 326	eP	P	06 17 50.9 +2.4
MINTX	Cornudas Mount	55.15 326	eP	P	06 17 29.2 -1.0
O48A	Farmland	55.17 348	P	P	06 17 28.9 -1.2
Q42A	Golden Eagle	55.17 343	P	P	06 17 29.1 -1.0
P44A	Sand Creek, Wi	55.18 345	P	P	06 17 29.1 -1.1
Q41A	Truxton	55.41 343	P	P	06 17 30.8 -1.0
R38A	Fenwick Farm	55.54 340	P	P	06 17 31.6 -1.2
P43A	Skaggs, Pawnee	55.58 344	P	P	06 17 31.7 -1.3
MSTX	Muleshoe	55.59 330	eP	P	06 17 33.0 -0.4
MSTX	Muleshoe	55.59 330	eP	P	06 17 54.8 +3.0
MSTX	Muleshoe	55.59 330	eP	P	06 17 32.2 -1.2
SFIN	Lafayette	55.69 347	P	P	06 17 32.2 -1.6
O45A	Potomac	55.71 346	P	P	06 17 32.3 -1.6
P42A	Winchester	55.74 344	eP	P	06 17 33.2 -1.6
P42A	Winchester	55.74 344	P	P	06 17 32.6 -1.6
O44A	Mansfield	55.79 345	P	P	06 17 32.9 -1.6
N47A	Urbana	55.87 348	P	P	06 17 33.9 -1.2
Q39A	Willow Grove F	56.02 341	P	P	06 17 35.1 -1.1
Q41A	Barry, Barry	56.03 343	P	P	06 17 34.9 -1.3
Q38A	Cooks Store, C	56.15 340	P	P	06 17 36.4 -0.7
O42A	Bath	56.24 344	P	P	06 17 36.8 -0.9
P39B	Salisbury	56.36 341	P	P	06 17 37.2 -1.4
HDIL	Hopedale	56.38 345	P	P	06 17 37.3 -1.5
O41A	Passleys Farm	56.39 343	P	P	06 17 37.6 -1.2
L48A	N Adams	56.67 350	P	P	06 17 39.6 -1.2
N43A	Stutzman Famil	56.71 345	P	P	06 17 39.7 -1.3
N42A	Yates City	56.83 344	P	P	06 17 40.6 -1.3
L47A	Shewood	56.84 349	P	P	06 17 41.8 -1.4
N41A	Harden Midland	56.93 344	P	P	06 17 40.8 -0.9
P37A	Lathrop	56.96 340	P	P	06 17 41.6 -1.3
O39A	Kirksville	57.00 342	P	P	06 17 42.3 -0.8
121A	Cookes Peak, D	57.10 325	P	P	06 17 44.6 +0.4
319A	Douglas	57.11 323	eP	P	06 17 44.9 +0.6
N40A	Mertquake, Sa	57.30 343	P	P	06 17 43.9 -1.3
KSU1	Kansas State U	57.30 338	eP	P	06 17 44.9 -0.5
KSU1	Kansas State U	57.30 338	P	P	06 17 44.7 -0.7
M42A	Sheffield	57.34 345	P	P	06 17 44.6 -0.9

2012 SEP

O37A	Wolven Farm, M	57.41 341	P	P	06 17 45.1 -0.9
K48A	Perry	57.45 350	P	P	06 17 45.2 -1.0
M41A	Milan	57.47 344	P	P	06 17 45.0 -1.4
M40A	Post Highland	57.76 343	P	P	06 17 47.2 -1.3
L43A	Garden Prairie	57.78 346	P	P	06 17 47.2 -1.4
J47A	Summer	57.99 350	P	P	06 17 48.6 -1.4
M39A	Webster	58.02 343	P	P	06 17 48.7 -1.5
L41A	Preston	58.11 345	P	P	06 17 49.3 -1.7
LAZ	Ladron	58.16 327	eP	P	06 17 52.2 +0.6
ANMO	Albuquerque	58.22 328	eP	P	06 17 52.1 +0.1
ANMO	Albuquerque	58.22 328	eP	P	06 18 13.8 +3.2
ANMO	Albuquerque	58.22 328	P	P	06 17 51.4 -0.6
CBKS	Cedar Bluff	58.26 335	eP	P	06 17 52.1 +0.1
CBKS	Cedar Bluff	58.26 335	P	P	06 17 51.7 -0.3
K42A	Prairie Point,	58.49 346	P	P	06 17 52.4 -1.1
K41A	Shullsburg	58.56 345	P	P	06 17 52.7 -1.3
TUC	Tucson	58.67 322	eP	P	06 17 55.2 +0.1
TUC	Tucson	58.67 322	eP	P	06 18 17.5 +3.8
TUC	Tucson	58.67 322	P	P	06 17 54.7 -0.4
T25A	Trinidad	58.93 331	eP	P	06 17 57.4 +0.5
T25A	Trinidad	58.93 331	P	P	06 17 57.1 +0.2
J40A	Soldiers Grove	59.41 345	P	P	06 17 59.1 -0.8
KSCO	Kaye Shedlock	59.64 333	eP	P	06 18 02.4 +0.7
KSCO	Kaye Shedlock	59.64 333	P	P	06 18 01.8 +0.1
214A	Orch Pipe Nat	59.65 321	P	P	06 18 01.9 0.0
K36A	Gilmore City	59.75 342	P	P	06 18 01.8 -0.5
X18A	Snowflake	59.79 325	eP	P	06 18 03.7 +0.7
I41A	Arkdale	59.82 346	P	P	06 18 02.1 -0.7
BGNE	Belgrade	59.89 338	eP	P	06 18 03.1 -0.2
BGNE	Belgrade	59.89 338	P	P	06 18 02.8 -0.5
SDCO	Great Sand Dun	59.93 330	eP	P	06 18 03.3 -0.6
SDCO	Great Sand Dun	59.93 330	P	P	06 18 03.9 -0.0
H42A	Shiocton	59.95 347	P	P	06 18 02.7 -0.8
W18A	Petrified Fore	60.11 325	eP	P	06 18 06.2 +1.1
W18A	Petrified Fore	60.11 325	P	P	06 18 05.6 +0.5
X16A	Lo Mia Camp, P	60.56 324	eP	P	06 18 08.6 +0.4
S22A	4UR Ranch, Cr	60.58 329	eP	P	06 18 08.7 +0.3
S22A	4UR Ranch, Cr	60.58 329	P	P	06 18 08.4 -0.1
Q24A	Divide	60.74 331	eP	P	06 18 09.9 +0.4
Q24A	Divide	60.74 331	P	P	06 18 09.6 +1.1
OGNE	Ogallala	61.00 335	eP	P	06 18 11.3 +0.4
OGNE	Ogallala	61.00 335	P	P	06 18 11.3 +0.4
MVCO	Mesa Verde	61.01 328	eP	P	06 18 11.6 +0.3
MVCO	Mesa Verde	61.01 328	eP	P	06 18 13.4 +3.4
MVCO	Mesa Verde	61.01 328	P	P	06 18 11.2 -0.1
Y14A	Wickenburg	61.14 322	eP	P	06 18 12.2 +0.3
WUAZ	Wupatki	61.31 325	eP	P	06 18 14.0 +0.8
WUAZ	Wupatki	61.31 325	eP	P	06 18 29.8 -2.1
WUAZ	Wupatki	61.31 325	P	P	06 18 13.6 +0.3
ECSD	EROS Data Cent	61.42 340	eP	P	06 18 13.1 -0.6
ECSD	EROS Data Cent	61.42 340	eP	P	06 18 35.5 +3.1
ECSD	EROS Data Cent	61.42 340	P	P	06 18 12.8 -0.9
ISCO	Idaho Springs	61.62 332	eP	P	06 18 15.8 +0.4
ISCO	Idaho Springs	61.62 332	P	P	06 18 15.3 -0.1
SPMN	Marine on St.	61.66 344	P	P	06 18 14.5 -0.6
PV01	Paradox Valley	61.75 328	eP	P	06 18 16.9 +0.6
PV01	Paradox Valley	61.75 328	eP	P	06 18 38.9 +3.9
SMCO	Snowmass	61.77 330	eP	P	06 18 17.2 +0.6
PV02	Paradox Valley	61.89 328	eP	P	06 18 17.7 +0.5
PV13	Radium Mtn., P	61.90 328	eP	P	06 18 17.6 +0.3
Y12C	Blythe	61.92 321	eP	P	06 18 18.1 +0.9
Y12C	Blythe	61.92 321	eP	P	06 18 40.4 -3.6
Y12C	Blythe	61.92 321	P	P	06 18 17.6 +0.4
PV03	Paradox Valley	61.99 328	eP	P	06 18 18.1 +0.3
PV12	Saucer Basin,	62.01 328	eP	P	06 18 18.4 +0.4
PV18	Skein Mesa, Pa	62.01 328	eP	P	06 18 18.2 +0.3
PV11	David Mesa, Pa	62.03 328	eP	P	06 18 18.9 +0.8
PV17	East Wray Mesa	62.06 328	eP	P	06 18 18.9 +0.6
PV16	Nyswonger Mesa	62.06 328	eP	P	06 18 18.7 +0.4
F37A	Hinrichs Farm,	62.07 344	P	P	06 18 18.1 +0.2
E40A	Wakfield	62.09 347	P	P	06 18 17.3 -0.7
PV22	Blue Mesa, Par	62.17 329	eP	P	06 18 19.4 +0.4
PV22	Blue Mesa, Par	62.17 329	eP	P	06 18 41.2 +3.5
PV10	Paradox Valley	62.18 328	eP	P	06 18 19.2 +0.1
IKP	In-Ko-Pah, Jac	62.18 319	P	P	06 18 19.0 0.0
PV21	Cone Mtn., Par	62.28 328	eP	P	06 18 20.3 +0.5
BC3	Big Chuckawall	62.43 320	P	P	06 18 21.1 +0.4
U15A	North Rim	62.48 325	eP	P	06 18 22.2 +1.0
MONPZ	Moment Peak	62.54 319	P	P	06 18 22.0 +0.4
IRM	Iron Mountain	62.58 321	P	P	06 18 22.1 +0.5
N23A	Red Feather La	62.65 332	eP	P	06 18 22.6 +0.3
N23A	Red Feather La	62.65 332	P	P	06 18 22.1 -0.1
PHWY	Pilot Hill	62.76 333	eP	P	06 18 23.2 +0.2
BELC	Belle Mtn. Jos	63.00 320	P	P	06 18 24.2 -0.4
PFO	Pinyon Flats O	63.03 320	P	P	06 18 25.1 +0.3
FRD	Ford Ranch, An	63.05 320	P	P	06 18 25.3 +0.5
O20A	White River Ci	63.13 330	eP	P	06 18 25.9 +0.6
O20A	White River Ci	63.13 330	P	P	06 18 25.3 -0.1
KNB	Kanab	63.20 325	eP	P	06 18 27.1 +1.2
PKCU	Pink Cliffs	63.22 325	eP	P	06 18 27.2 +1.0
GMRC	Granite Mounta	63.32 321	P	P	06 18 27.1 +0.5

1110

LCMT	Little Creek M	63.44 324	eP	P	06 18 28.3 +0.9
SRU	San Rafael Swe	63.49 328	eP	P	06 18 28.1 +0.3
SRU	San Rafael Swe	63.49 328	eP	P	06 18 50.4 +3.9
MTPU	Mount Pierson	63.59 326	eP	P	06 18 29.2 +0.6
P18A	Preston Nutter	63.74 328	eP	P	06 18 30.1 +0.6
HEC	Heier Ludlow	63.76 321	P	P	06 18 29.6 +0.1
SZCU	Shurtz Canyon	63.76 325	eP	P	06 18 30.6 +1.0
RWWV	Ravines	63.86 332	eP	P	06 18 30.3 +0.1
P17A	Butcher Ranch	63.87 328	eP	P	06 18 30.8 +0.5
CCUT	Cedar City	63.88 325	eP	P	06 18 31.8 +1.4
TUQ	Turquoise Moun	63.91 322	P	P	06 18 31.0 +0.5
MSU	Marysvalle	63.92 326	eP	P	06 18 31.2 +0.5
MSU	Marysvalle	63.92 326	eP	P	

OBN	iS	S	06 37 12.3 +4.3	H05N1	Guadeloupe/Mar	42.87 223	T	T	07 17 01.6	341A	comp=Z,1.1nm,1.1s	Kurthwood	48.53 269	P	P	06 32 26.3 +0.2
OBN	comp=Z,65nm,0.8s	MLR	MLR	T43A	Greenville	42.89 273	P	P	06 31 41.1 -0.3	KBZ	baz=45	Khabaz	48.63 69	P	P	06 32 27.4 +0.7
U52A	Thorn Hill	39.12 266	P	151A	Opelika	42.93 264	P	P	06 31 41.5 -0.4	KBZ	comp=Z,5.7nm,0.8s,ba=281,slow=7.0,SNR=8.4	KBZ	49.01 47	eP	LR	06 52 41.0
TZTN	Tazewell	39.14 267	P	X47A	Russellville	43.10 268	P	P	06 31 43.1 -0.2	ARU	comp=Z,2.70nm,21.7s,ba=307,slow=36	ARU	49.01 47	eP	P	06 32 29.7 +0.2
CFR	Carcaliu	39.21 76	J/P	Z49A	Columbiana	43.20 265	P	P	06 31 44.2 +0.2	ARU	comp=Z,2.25nm,0.9s	ARU	49.01 47	c/P	P	06 32 29.5 0.0
CFR	Carcaliu	39.21 76	J/P	Q39A	Willow Grove F	43.27 277	P	P	06 31 43.7 -0.8	ARU		ARU	49.01 47	c/P	P	06 34 22.4
N44A	Piper City	39.26 275	P	251A	Midway	43.28 263	P	P	06 31 44.6 -0.1	ARU		ARU	49.01 47	c/P	P	06 39 36.2 +2.9
V53A	Saluda	39.27 265	P	150A	Eclectic	43.30 264	P	P	06 31 43.5 -1.3	ARU	comp=Z,4.1nm,1.2s	ARU	49.01 47	c/P	P	06 43 03.4 -0.1
MOS	Moscow	39.31 57	eP	T42A	Vin Buren	43.41 273	P	P	06 31 45.1 -0.6	K22A	comp=Z,3.96nm,19.0s	K22A	49.02 290	eP	MLR	06 32 29.7 -0.3
S49A	Springfield	39.39 270	P	S41A	Illico Farms,	43.45 274	P	P	06 31 44.8 -1.2	K22A	comp=Z,1.5nm,0.9s	K22A	49.02 290	P	P	06 32 29.8 -0.2
P46A	Rosedale	39.41 273	P	859A	Kempfer Cattle	43.50 255	P	P	06 31 46.2 -0.3	RLMT	baz=51	RLMT	49.02 294	eP	P	06 32 31.0 +0.9
SPMN	Marine on St.	39.51 284	P	Y47A	UCPARC, Winfie	43.52 267	P	P	06 31 45.0 -1.6	RLMT	comp=Z,3.96nm,2.0s	RLMT	49.02 294	eP	P	06 32 30.1 0.0
I39A	Houston	39.51 282	P	X46A	Booneville	43.52 269	P	P	06 31 46.1 -0.5	KSCO	baz=52	KSCO	49.02 283	P	P	06 32 29.9 -0.4
T50A	Nancy	39.61 268	P	SJG	San Juan	43.56 231	P	P	06 31 48.7 +1.7	WALA	comp=Z,9.3nm,0.8s	WALA	49.13 301	eP	P	06 32 29.8 -0.9
V52A	Sevierville	39.63 266	P	SJG	comp=Z,3.1nm,0.5s,ba=9.0,slow=19,SNR=2.5	43.59 266	P	P	06 45 49.2	PHWY	comp=Z,9.3nm,0.8s	PHWY	49.25 288	eP	P	06 32 32.0 0.0
AGMN	Agassiz Nation	39.64 290	P	LRAL	comp=Z,3.35nm,21.8s,ba=38,slow=30	43.59 266	P	P	06 31 47.1 -0.1	HRH	comp=Z,8.7nm,0.8s	HRH	49.45 297	eP	P	06 32 33.6 +0.4
N43A	Stutzman Famil	39.80 276	P	VRH	Lakeview Retre	43.59 266	P	P	06 31 46.2 -1.2	SVE	comp=Z,3.32nm,1.0s	SVE	49.79 69	eP	P	06 32 36.1 +0.2
W53A	Cullowhee	39.81 265	P	VRH	Novokhoporsk	43.65 61	eP	P	06 31 46.2 -1.2	ZEI	comp=Z,10.0nm,0.8s	ZEI	49.80 288	eP	P	06 32 36.8 +0.7
M42A	Sheffield	39.84 277	P	VRH	comp=Z,4.0nm,0.9s	43.70 266	P	P	06 31 47.3 -0.8	N23A	comp=Z,2.8nm,0.9s	N23A	49.80 288	P	P	06 32 36.8 +0.7
J39A	Decorah	39.91 281	P	Z48A	Northport	43.70 266	P	P	06 31 49.1 +0.7	RWWY	comp=Z,2.8nm,1.1s	RWWY	50.02 289	eP	P	06 32 38.2 +0.5
T49A	Edmonton	39.98 269	P	P37A	Lathrop	43.75 278	P	P	06 31 49.4 +0.8	BOZ	comp=Z,1.6nm,0.8s	BOZ	50.04 296	eP	P	06 32 37.9 +0.2
ALN	Alexandroupoli	40.43 83	eP	149A	Jones	43.77 265	P	P	06 31 48.4 -0.5	BOZ	comp=Z,6.0nm,0.8s	BOZ	50.04 296	eP	P	06 32 37.9 +0.2
ALN	Alexandroupoli	40.43 83	eP	T41A	Mountain View	43.81 274	P	P	06 31 49.1 -0.4	BOZ	comp=Z,6.0nm,0.8s	BOZ	50.04 296	eP	P	06 32 37.9 +0.2
T48A	Bowling Green	40.50 270	P	250A	Greedy	43.88 264	P	P	06 31 49.2 -0.8	BOZ	comp=Z,6.0nm,0.8s	BOZ	50.04 296	eP	P	06 32 37.9 +0.2
U49A	Red Boiling Sp	40.51 268	P	U42A	Reverend	43.94 273	P	P	06 31 50.4 -0.5	BOZ	comp=Z,6.0nm,0.8s	BOZ	50.04 296	eP	P	06 32 37.9 +0.2
156A	Sylvania	40.53 260	P	OXF	Oxford	44.05 269	P	P	06 31 51.8 -0.2	BTM	comp=Z,6.0nm,0.8s	BTM	50.04 296	eP	P	06 32 37.7 0.0
X52A	Dahlonega	40.64 265	P	T40A	Mansfield	44.20 274	P	P	06 31 51.8 -0.2	YMR	comp=Z,4.7nm,0.9s	YMR	50.13 299	eP	P	06 32 38.1 -0.3
V50A	Pikeville	40.66 267	P	DGMT	Dagmar	44.24 295	P	P	06 31 52.0 -0.3	ISCO	comp=Z,1.9nm,1.6s	ISCO	50.31 286	eP	P	06 32 40.1 +0.1
W51A	Cleveland	40.79 266	P	U41A	Viola	44.36 273	P	P	06 31 51.7 -1.7	ISCO	comp=Z,5.1nm,0.8s	ISCO	50.31 286	eP	P	06 32 40.1 +0.1
L39A	Vinton	40.80 280	P	R38A	Fenwick Farm,	44.37 277	P	P	06 31 52.7 -0.7	ISCO	comp=Z,5.0nm,0.8s	ISCO	50.31 286	eP	P	06 32 39.1 -1.0
R45A	Skyfar, Fairri	40.89 273	P	V42A	Cord	44.39 272	P	P	06 31 53.1 -0.5	YFT	comp=Z,1.0nm,0.8s	YFT	50.32 294	eP	P	06 32 41.2 +1.2
S46A	Don Dixon Farm	40.93 271	P	249A	Camden	44.40 265	P	P	06 31 54.2 +0.5	LRM	comp=Z,1.0nm,1.0s	LRM	50.34 296	eP	P	06 32 39.9 -0.2
Z54A	Sparta	40.94 262	P	451A	Vernon	44.53 262	P	P	06 31 54.7 -0.1	MDP	comp=Z,1.0nm,1.0s	MDP	50.37 207	LR	LR	06 48 41.0
Y53A	Monroe	40.96 264	P	Y45A	Yeager Farm, C	44.57 269	P	P	06 31 54.6 -0.5	MSO	comp=Z,3.96nm,21.6s,ba=12,slow=30	MSO	50.52 298	P	P	06 32 40.2 -1.1
U48A	Cassie Pea, Po	40.98 269	P	Z36A	Louville	44.66 267	P	P	06 31 55.4 -0.5	TOLK	comp=Z,5.0nm,0.8s	TOLK	50.57 335	P	P	06 32 41.1 -0.2
T47A	Sharon Grove	41.01 270	P	S48A	Stockton	44.73 276	P	P	06 31 55.8 -0.5	Q24A	Divide	Q24A	50.59 285	P	P	06 32 41.2 -1.0
V49A	McMinnville	41.08 268	P	ANN	Anapa	44.85 71	eP	P	06 31 55.0 -2.2	NRK	comp=Z,2.985nm,18.0s,ba=127,slow=37	NRK	50.59 24	LR	LR	06 54 38.3
W50A	Signal Mountai	41.10 267	P	ANN	ANN	44.85 71	eS	P	06 38 33.9 -0.3	BW06	comp=Z,2.985nm,18.0s,ba=127,slow=37	BW06	50.67 292	eP	P	06 32 41.9 -0.7
155A	Kite	41.14 261	P	ANN	comp=Z,4.1nm,1.6s	44.85 71	eS	P	06 38 33.9 -0.3	BW06	comp=Z,4.6nm,0.6s	BW06	50.67 292	eP	P	06 32 41.9 -0.7
GOGA	Godfrey	41.19 263	P	V41A	Mountainview	44.87 273	P	P	06 31 56.9 -0.6	BW06	comp=Z,4.6nm,0.6s	BW06	50.67 292	eP	P	06 32 41.9 -0.7
Y52A	Lilburn	41.24 264	P	BGNE	Belgrade	44.90 283	P	P	06 31 55.8 -1.8	PD31	comp=Z,5.0nm,0.8s	PD31	50.67 292	eP	P	06 32 41.5 -1.1
X51A	Calhoun	41.25 265	P	Y44A	Strifer, Charl	44.91 269	P	P	06 31 56.4 -1.4	PDAR	comp=Z,5.0nm,0.8s	PDAR	50.67 292	eP	P	06 32 41.7 -0.9
O41A	Passleys Farm,	41.33 277	P	U40A	Yellville	44.92 274	P	P	06 31 56.8 -1.1	PDAR	comp=Z,2.9nm,0.5s,ba=56,slow=7.3,SNR=35	PDAR	50.67 292	eP	P	06 53 08.4
Q43A	New Douglas	41.34 274	P	ILGA	ilgaz	44.94 78	eP	P	06 31 56.8 -1.1	WHTX	comp=Z,7.10nm,18.2s,ba=57,slow=35	WHTX	50.68 273	P	P	06 32 41.1 -1.4
Z53A	Monticello	41.35 263	P	061Z	Ochoppo	45.15 253	P	P	06 32 58.1 -0.1	WHTX	comp=Z,8.8nm,0.8s	WHTX	50.68 273	P	P	06 32 41.1 -1.4
K37A	Belmond	41.40 282	P	247A	Quitman	45.25 266	P	P	06 31 60.0 -0.5	MOOW	comp=Z,3.7nm,1.1s	MOOW	50.71 293	eP	P	06 32 43.1 +0.2
LPSR	Galich'ya Gora	41.45 61	eP	V40A	Witts Springs	45.27 273	eP	P	06 32 00.3 -0.3	DLMT	comp=Z,3.7nm,1.1s	DLMT	50.71 296	eP	P	06 32 43.2 +0.4
LPSR	LPSR	41.45 61	eP	V40A	Witts Springs	45.27 273	eP	P	06 32 00.3 -0.3	DLMT	comp=Z,3.7nm,1.1s	DLMT	50.71 296	eP	P	06 32 43.2 +0.4
SWET	Sewanee	41.46 267	eP	V40A	Witts Springs	45.27 273	eP	P	06 32 00.3 -0.3	DLMT	comp=Z,3.7nm,1.1s	DLMT	50.71 296	eP	P	06 32 43.2 +0.4
U47A	Clarksville	41.48 270	P	WHAR	Woody Hollow	45.28 272	eP	P	06 32 00.5 -0.2	IMW	comp=Z,3.2nm,0.9s	IMW	50.73 294	eP	P	06 32 43.0 -0.1
154A	Montrose	41.53 262	P	U39A	Green Forest	45.28 274	P	P	06 32 00.5 -0.2	DLBC	comp=Z,2.6nm,1.0s	DLBC	50.93 318	eP	P	06 32 44.8 +0.7
255A	Hazlehurst	41.63 261	P	W41B	Gary Mavity, V	45.34 272	P	P	06 32 00.3 -0.8	FXWY	comp=Z,2.6nm,1.0s	FXWY	50.94 293	eP	P	06 32 44.5 -0.1
V48A	Smith Brothers	41.66 268	eP	KSU1	Kansas State U	45.42 279	eP	P	06 32 01.7 -0.1	TPAW	comp=Z,5.4nm,0.9s	TPAW	50.99 293	eP	P	06 32 44.3 -1.7
V48A	Smith Brothers	41.66 268	eP	KSU1	Kansas State U	45.42 279	eP	P	06 32 01.7 -0.1	DBIC	comp=Z,5.7nm,0.9s	DBIC	50.99 144	P	P	06 32 43.9 -0.1
W49A	Belvidere	41.73 267	P	HHAR	Hobbs	45.63 275	eP	P	06 32 03.0 -0.5	DBIC	comp=Z,9.9nm,1.2s,ba=331,slow=11,SNR=4.1	DBIC	50.99 144	P	P	06 51 39.8
X50B	Fort Payne	41.80 266	P	BR131	Keskin Array S	45.72 79	eP	P	06 32 05.3 +1.0	REDW	comp=Z,2.85nm,21.7s,ba=323,slow=33	REDW	51.02 293	eP	P	06 32 45.8 +0.5
Y51A	Rockmart	41.83 265	P	BRTR	Keskin Array B	45.72 79	eP	P	06 32 04.9 +0.6	AMTX	comp=Z,1.9nm,1.4s	AMTX	51.25 279	eP	P	06 32 46.5 -0.3
SIUC	Southern Illin	41.83 273	eP	BRTR	comp=Z,1.9nm,0.8s,ba=302,slow=6.4,SNR=54	45.72 79	eP	P	06 32 04.9 +0.6	AMTX	comp=Z,1.2nm,0.6s	AMTX	51.25 279	eP	P	06 32 47.1 +0.3
N39A	Derby Farms, D	41.85 279	P	V39A	Pettigrew	45.74 274	P	P	06 32 04.2 -0.3	T25A	comp=Z,1.2nm,0.6s	T25A	51.25 279	eP	P	06 32 48.0 +0.1
S44A	Carbondale	41.87 273	P	X41A	Kaden, Bauxite	45.95 272	P	P	06 32 07.1 +1.1	T25A	comp=Z,1.4nm,1.3s	T25A	51.36 283	P	P	06 32 48.2 +0.4
R43A	Red Bud	41.91 274	P	245A	Little AP, Sta	46.05 267	P	P	06 32 07.0 +0.2	SDCO	comp=Z,1.4nm,1.3s	SDCO	51.60 284	eP	P	06 32 48.4 -1.3
Z52A	Williamson	41.92 264	P	X40A	Basin Creek Fa	46.15 272	eP	P	06 32 03.5 -4.1	SDCO	comp=Z,7.8nm,1.8s	SDCO	51.60 284	eP	P	06 32 49.1 -0.6
K36A	Gilmore City	41.96 282	P	X40A	Basin Creek											

20d 6h

2012 SEP

1114

Table of station data for the 20d 6h period, including station names like David Mesa, Paradox Valley, West Nyswonger, etc., and their corresponding coordinates and status.

Table of station data for the 2012 SEP period, including station names like Topopah Spring, Mina Array Sit, Wickenburg, etc., and their corresponding coordinates and status.

Table of station data for the 1114 period, including station names like Ulanbaatar, Petropavlovsk, Severo-Kuril's, etc., and their corresponding coordinates and status.

JMA 20 06:24:27.8, 35.24N, -137.42E, h47km, M2.7, 1C-1D Broadband fault plane solution: P waves. NP1: ... Principal axes: ...

MEX 20 06:24:32.6-0.5, 15.66N-93.65W, h90km, 4km, MD3.8, Near coast of Chiapas ...

ISCJB 20 06:29:52.1±0.7, 10.81S, 0.06: 113.86E±0.05, h33km, mb4.0/7, MS3.2/1, Error ellipse: s-maj=8.4km s-min=6.6km az=0.4

DJA 20 06:29:55.1±0.7, 11°S±8'×11°4'E±, h54km, 55km, M4.3/15, mb5.7/2, mb4.4/6, MLv4.3/15, Mw(mB)5.2/2

ISC 20 06:29:53.2±0.9, 10.85S±0.08, 113.89E±0.07, h35km, m26, α172/29, mb4.0/7, Sources of Java ...

20d 7h

Table of station data for 20d 7h, including station names, coordinates, and various parameters like pmax, smax, and time.

2012 SEP

Main table of station data for 2012 SEP, listing stations like DMN, GKN, DLBC, DANN, KOLN, etc., with their respective coordinates and parameters.

1116

Table of station data for 1116, including stations like PLK4, KAKN, ANKC, etc., with their coordinates and parameters.

ISC/JB 20 07:32:40.9, 0.7, 37.30N, 150.003, h1km, 6km, Error ellipse: s-maj=5.4km, s-min=4.4km, az=24.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GAZ, KMR5, KUZU, etc.

JMA 20 07:36:30.8, 0.2, 37.62N, 144.74E, h49km, M3.8, 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 JIO, OFUJ, JMK, etc.

IDC 20 07:37:47.8, 1.0, 34.37N, 126.56E, h0km, mb3.9/11, mb1.3/9.18, mb1mx3.8/4.9, mbtmp3.8/18, ML4.0/7, MS3.0/3, Ms1.3/0.3, ms1mx2.5/4.1, Error ellipse: s-maj=21.3km, s-min=14.0km, az=14.0

ATH 20 07:37:49.6, 34.29N, 126.55E, h12km, 5km, ML3.3/5, Error ellipse: s-maj=6.5km, s-min=2.2km, az=34.0

HLV 20 07:37:52.4, 34.10N, 126.75E, h13km, 11km, M3.6, M1.3, THE 20 07:38:03.6, 34.54N, 126.41E, h0km, 3km, ML3.1/9, Error ellipse: s-maj=6.2km, s-min=1.6km, az=138.0

ISK 20 07:37:53.4, 34.64N, 126.52E, h16km, ML3.3/14, GII 20 07:37:53.1, 0.0, 34.29N, 126.96E, h20km, 1km, MD3.3/1, DDA 20 07:38:37.8, 35.13N, 127.25E, h41km, M1.5

ISC 20 07:37:49.4, 1.4, 34.26N, 104.06, 26.62E, 0.03, h18km, 9km, n89, r180/120, mb3.8/11, Crete

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ROSC EI Rosal, NB200 NORSAR Array S, NOA NORSAR Array B, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KBZ comp=2.0, 4nm, 0.3s, ILAR Eielson Array, AKTO Aktyubinsk, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KURK 3.9nm, 0.6s, KURKB Kurchatov Arra, etc.

ISCJB 20 09:27:49.0..0.7, 66:34N, 0:03:18.71W, 0:05, h13km, 3km, mb3.7/8, MS3.2/15, Error ellipse: s-maj=5.1km

REY 20 09:27:49.6, 66:38N, 18:75W, h10km, IDC 20 09:27:49.9, 66:41N, 19:17W, h0km, mb3.7/8, m1.4/0.8, mb1mx3.6/69, mbmp3.8/8, MS3.3/19, Ms1.3, 3/19, ms1mx3.1/66, Error ellipse: s-maj=21.3km

ISC 20 09:27:49.1, 1.3, 66:35N, 0:03:18.72W, 0:03, h1km, gkm, n51, c2512/47, mb4.0/21, Volcano Islands region

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

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ISIG Siglufjorour, ISIG Grimsey, IGRI Brettingsstai, etc.

IDC 20 08:44:18.1..0.7, 25:75N, 144:99E, h0km, mb4.0/16, mb1.4/2/18, mb1mx4.0/37, mbmp4.0/18, ML3.7/2, MS2.5/3, Ms1.2/3, ms1mx2.2/61, Error ellipse: s-maj=21.3km

NEIC 20 08:44:19.6, 0.3, 25:73N, 144:96E, h10km, mb4.3/4, Error ellipse: s-maj=11.3km, s-min=6.7km, az=70.0

ISCJB 20 08:44:21.3, 0.4, 25:70N, 0:07:14.88E, 0:07, h33km, mb4.2/21, Error ellipse: s-maj=11.4km, s-min=6.7km, az=39.1

ISC 20 08:44:23.4, 0.6, 25:79N, 0:08:144.9E, 0:1, h35km, n51, c1943/47, mb4.0/21, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CBJJ Chichi jima, CBJJ Chichijima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JCHJ Chichijima, JHJ Hachijo jima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SARJ Sarigan, GUMO Guam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MAJO Matushiro Arr, MAJ Matsuura, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MJBS Matsui-Tunnel, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KSRS Korea Array, H1N2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KLR Kudat, SONAO Songino Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRAB Tennant Creek, WR1 Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZAA1 Zalesovo Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MK01 Makanchi Array, MK32 Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MKAR Makanchi Array, MKAR Makanchi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KADK Kodiak Island, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ILAR Eielson Array, KK31 Karatay Array, etc.

NNC 20 09:01:01.0, 3.0, 53:45N, 87:80E, h0km, mb4.0, mpv3.7, 8C-6D, Error ellipse: s-maj=24.3km, s-min=12.0km, az=65.0, Suspected Mining explosion, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZAA0 Zalesovo Array, ZAA0 Zalesovo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KURK Kurchatov, KURKB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBZ, GNI, ILAR, GEYT, PDAR, PDAR, MKAR, TORD, PALK.

ISCJB 20 09:29:49.0-6.13.90N.0.05-91.09W.0.04, h79km, 5km, mb4.0/24, Error ellipse: s-maj=10.5km s-min=4.4km az=36.0

UCR 20 09:29:50.4-1.5.13.65N.91.00W, h12km, 13km, ML4.1, mb4.1(NEIC)

NEIC 20 09:29:51.7-0.7.13.99N.91.01W, h73km, 7km, mb4.1/27, MD4.2(SNET), Error ellipse: s-maj=9.8km s-min=5.8km az=215.0

NEIC Feil [I] at Ahuachapan, El Salvador, IDC 20 09:29:51.6-1.9.14.07N.90.85W, h79km, 15km, mb3.7/8, mb1.3/9.10, mb1mx3.6/50, mbtmp4.0/10, MS3.2/5, Ms1.3/2.5, ms1mx2.9/25, Error ellipse: s-maj=32.2km s-min=14.4km az=46.0

ISC 20 09:29:51.4-1.1.13.96N.0.01-91.02W.0.08, h81km, 10km, n81.1, r105/95, mb4.1/24, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like APG, APG, RTR, SBL, SBL, SNJE, SNJE, UNIC, UNIC, COLS, UES, UES, SNET, SNET, SNET, SNET.

OPAM San Salvador 1.78 98 eP Pn 09 30 20.8 +0.2

UES San Salvador 1.78 98 eP Pn 09 30 20.8 +0.2

UDBS Soyapango 1.82 97 eP Pn 09 30 20.7 +0.4

UDBS La Fuente 1.86 96 eP Pn 09 30 20.7 +0.6

LFU El Faro 1.93 100 eP Pn 09 30 22.3 -0.2

LFU Las Brisas 1.93 96 eP Pn 09 30 21.7 -0.8

PAVA Las Pavas 2.04 97 eP Pn 09 30 23.5 -0.4

CCIG Comitana 2.55 103 eP Pn 09 30 30.9 0.0

LCND La Ca'ada 3.11 102 eP Pn 09 30 38.1 -0.2

CSGN Cosiguina Volc 3.50 106 eP Pn 09 30 44.5 +0.7

CSGN Cosiguina Volc 3.50 106 eP Pn 09 30 44.5 +0.7

TRGH Tegucigalpa, Un 3.64 88 eP Pn 09 30 44.9 -0.5

CRIN San Cristobal 4.06 107 eP Pn 09 31 36.2 +0.8

ESTN Estel 4.60 100 eP Pn 09 30 57.1 -1.5

MOMN Momotombo 4.63 109 eP Pn 09 30 59.3 +0.3

COPN Copalotepe 4.66 110 eP Pn 09 30 58.5 -0.9

COPN Copalotepe 4.66 110 eP Pn 09 31 48.8 -3.5

CMIG Matias Romero 4.86 310 P Pn 09 31 01.1 -0.9

MATN Matagalpa 5.06 101 eP Pn 09 31 06.4 +1.5

BOAB BOACO BROADBAND 4.105 eP Pn 09 32 02.5 +0.4

TEIG Tepich 6.76 22 eP Pn 09 31 28.1 +0.1

ESPN Las Esperanzas 6.78 104 eP Pn 09 31 29.3 +0.1

JTS Juntas Abangare 6.96 121 P Pn 09 31 30.7 -0.2

JTS Juntas Abangare 6.96 121 eP Pn 09 31 32.6 +1.7

MORIDA Morida 7.07 10 eP Pn 09 31 32.8 +0.3

UNIV Universidad Na 9.47 305 eP Pn 09 32 04.5 +0.7

346A Big Creek Wild 17.41 4 eP Pn 09 33 49.6 +0.4

WBMS Westbrook Farm 17.41 1 eP Pn 09 33 49.1 +0.1

VBMS Vicksburg 18.18 1 eP Pn 09 33 59.0 +0.6

352A Blakely 18.31 17 eP Pn 09 34 01.0 +1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSU, SADO, PTGA, NVAR, NVAR, NVAR, BEKR, JOBA, LPZA, LPZA, YBH, H04A, LON, LON, SIV, SIV, SCHG, ILAR, HHC, KSH, WRA, ASAR, CMAR.

MEX 20 09:29:53.0-0.7.16.20N.98.28W, h5km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PNIG, PNIG, TLIG, TLIG, VHO, VHO, HUIG, HUIG, PLIG, PLIG.

ISCJB 20 09:35:10.8-0.6.37.31N.0.03-37.10E.0.03, h4km, 5km, Error ellipse: s-maj=4.8km s-min=4.3km az=148.1

DDA 20 09:35:10.2.37.29N.37.12E, h7km, M12.8

ISC 20 09:35:10.3.37.32N.37.10E, h6km, M2.1/7

ISC 20 09:35:10.6-0.9.37.31N.0.03-37.11E.0.03, h10km, 7km, n15.0, r47/25, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GAZ, GAZ, KMRS, KMRS, KUZU, KUZU, ANDN, ANDN, ELBS, ELBS, AKCD, AKCD, TAHT, TAHT, SURC, SURC, YURE, YURE, DARE, DARE, URFA, URFA, SANL, SANL, YAYL, YAYL, YAYL, YAYL, SVRC, SVRC.

MEX 20 09:37:37.7-0.5.16.79N.100.48W, h5km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAIG, CAIG, ACPE, ACPE, ZIIG, ZIIG, MEIG, MEIG, ARIG, ARIG, PLIG, PLIG, TLIG, TLIG, PLIG, PLIG.

IDC 20 09:40:04.5-2.1.47N.127.45E, h0km, mb3.6/3, mb3.6/3, mb1.3/8.3, mb1mx3.4/33, mbtmp3.6/3, Error ellipse: s-maj=177.0km s-min=24.7km az=67.0, Halmahera

ASAR Alice Springs 25.77 166 P P 09 45 36.9 -0.3

MKAR Makanchi Array 59.81 326 P P 09 50 11.7 0.0

IDC 20 09:57:09.8-1.9.0.56N.96.98E, h0km, mb3.5/4, mb1.3/7.6, mb1mx3.4/42, mbtmp3.5/6, ML3.6/2, Error ellipse: s-maj=55.3km s-min=21.6km az=61.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, WRA, ASAR, ASAR, MKAR, MKAR, PSI, PSI, CMAR, CMAR, H08S2, H08S2, H08S3, H08S3, H08S1, H08S1, H01W3, H01W3, H01W2, H01W2, H01W1, H01W1, WRA, WRA, ASAR, ASAR, MKAR, MKAR, ZALV, ZALV.

ISCJB 20 10:00:35.9-1.3.25.08N.0.08-123.36E.0.04, h19km, 11km, mb3.8/9, MS3.5/6, Error ellipse: s-maj=12.8km s-min=5.9km az=172.5

JMA 20 10:00:35.8-0.2.25.08N.123.38E, h16km, M3.3

IDC 20 10:00:48.6-7.24.94N.122.99E, h11km, 69km, mb3.5/10, mb1.3/6.11, mb1mx3.5/43, mbtmp3.8/11, MS3.3/11, Ms1.3/3.11, ms1mx3.0/41, Error ellipse: s-maj=35.7km s-min=15.1km az=64.0

ISC 20 10:00:36.2-1.5.25.02N.0.06-123.239E.0.04, h14km, 10km, n28.0, r54/26, mb3.8/9, MS3.6/6, Northeast of Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ, YOJ, YJNG, YJNG, IRIF, IRIF, JSHG, JSHG, ISHG, ISHG, JJKS, JJKS, JJKS, JJKS, HATJ, HATJ, JTSJ, JTSJ, JTB, JTB, JNB, JNB, JNB, JNB, CMAR, CMAR, SONM, SONM, PETK, PETK, MKAR, MKAR, ZALV, ZALV, ZALV, ZALV, KURBB, KURBB, WRA, WRA, NRK, NRK, ASAR, ASAR, KBZ, KBZ, FINES, FINES, BRTR, BRTR, NOA, NOA.

IDC 20 10:06:31.2-5.6.6.95S.129.11E, h21km, 68km, mb3.4/1, mb1.3/4.2, mb1mx3.1/47, mbtmp3.7/4, MS3.4/1, Ms1.3/4.1, ms1mx4.5/19, Error ellipse: s-maj=96.9km s-min=20.7km az=86.0, Banda Sea

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

ISCJB 20 10:07:05.0-1.1.34.24S.0.03-72.26W.0.05, h25km, 68km, mb4.5/60, MS4.2/8, Error ellipse: s-maj=7.8km s-min=4.8km az=24.3

BUI 20 10:07:05.6.34.30S.72.20W, h20km, MB5.2/1, Ms5.1/1

NEIC 20 10:07:07.0-0.0.34.44S.71.95W, h60km, mb4.5/55, ML4.6(GUC), After GUC.

NEIC Feil [I] at El Quisco, Navidad and San Antonio. Also felt at

GUC 20 10:07:07.0-0.0.34.44S.71.95W, h60km, 11km, ML4.6

IDC 20 10:07:08.7-3.1.34.20S.72.06W, h45km, 27km, mb4.2/10, mb1.4/3.13, mb1mx4.1/29, mbtmp4.4/13, ML4.1/3, MS4.2/9, Ms1.4.1/9, ms1mx4.0/17, Error ellipse: s-maj=28.4km s-min=15.4km az=97.0

ISC 20 10:07:03.9-1.3.34.18S.0.03-72.26W.0.05, h11km, 8km, n153.1, r57/166, mb4.6/60, MS4.3/8, SC, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GO05, GO05, GO05, GO05, ANTU, ANTU, ANTU, ANTU, ROCH, ROCH, ROCH, ROCH, PEL, PEL, PEL, PEL, PEL, PEL, ARCO, ARCO, ARCO, ARCO, AUSP, AUSP, AUSP, AUSP, RFA, RFA, RFA, RFA, RTLS, RTLS, RTLS, RTLS, ZONDA, ZONDA, SJA, SJA.

20d 11h

Table with columns: Code, Station Name, Az, El, S, P, Time, Res. Includes stations like Tololo Observa, Cerro Villicu, Mogna, Las Campanas, etc.

2012 SEP

Table with columns: Code, Station Name, Az, El, S, P, Time, Res. Includes stations like Mina Array Sit, Mira Array Bea, Hansel Valley, etc.

ISCJB 20 10:12:18.0,0.6,24:81N,0.04:94E,0.06:h115km,7km, mb3.4/4, Error ellipse: s-maj=9.1km s-min=5.8km az=21.3

NDI 20 10:12:20.0:1.1,24:79N,94.90E,h40km,ML3.5

ISC 20 10:12:20.0:1.1,24:79N,94.90E,h102km,10km, n18,+0517/29,mb3.5/4, Myanmar-India border region

Table with columns: Code, Station Name, Az, El, S, P, Time, Res. Includes stations like Imphal, Kohima, Mokokchung, etc.

1120

Table with columns: Code, Station Name, Az, El, S, P, Time, Res. Includes stations like TURI, CMAR, MKAR, etc.

ISCJB 20 10:15:40.7,2.4,25:10N,0.05:123.37E,0.05, h12km,17km,mb3.5/4,MS2.9/2, Error ellipse: s-maj=8.7km s-min=7.3km az=23.7

JMA 20 10:15:41.0,0.2,25:11N,123.36E,h21km,5km,M2.8

ISC 20 10:15:42.2,1.7,24:37N,0.07:123.41E,0.04,h11km,11km, n15,+0571/18,mb3.4/4, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, El, S, P, Time, Res. Includes stations like Yonaguni jima, Yonagunijimaku, etc.

NNC 20 10:44:00.5:3.8,37:26N,71:02E,h0km,mb3.9,mpv3.6, 7C-1D, Error ellipse: s-maj=29.3km s-min=25.9km az=147.0, Afghanistan-Tajikistan border region

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

SJA 20 10:50:48.5:1.0,34:69S,72:05W,h33km,ML3.8,MW3.8

GUC 20 10:50:49.7:1.8,34:85S,71:58W,h50km,22km,ML3.7

ISCJB 20 10:50:50.2:0.7,34:78S,0:06:71.7W,0.1,h23km,10km, Error ellipse: s-maj=21.7km s-min=6.4km az=19.5

ISC 20 10:50:50.1:1.2,34:75S,0:06:71.9W,0.1,h25km,11km, n15,+0101/24,44-1D,Near coast of central Chile

Table with columns: Code, Station Name, Az, El, S, P, Time, Res. Includes stations like Hualae0, Antumapu, Las Meiosas, etc.

MEX 20 10:58:53.0:0.5,15:04N,91:69W,h179km,5km,MD3.6, Mexico-Guatemala border region

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

MEX 20 11:00:54.5:0.6,14:93N,93:08W,h64km,11km,MD3.7, Near coast of Chiapas

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

TGIG Huatulco 3.04 286 iS Pn 11 01 44.8 -1.4

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, TLIG Tiapa, VHO Vista Hermosa, HUIG Huatulco.

MEX 20 11:06:50.0-3.16,41N:97.98W,h36km,6km,MD3.5,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SIJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr.

ISCJB 20 11:18:30.2-1.7,578S:130.35E,h0km,mb3.5/1,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, OUZ Omahuta, URZ Urewera, DZM Mont Dzumac, DZM Mont Dzumac, OXZ Oxford, RPZ Rata Peaks, PPT2 Papeete2, PPT Papeete, CTA Charters Tower, STKA Stephens Creek, AS1K Alice Springs, AS31 Alice Springs, ASAR Alice Springs, WB2 Warramunga Arr, WRAB Tennant Creek, WR1 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, VDA Vanda, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, RPN Rapa Nui, QSA South Pole Qui, MPA Mawson, MAW Mawson, MJAR Matsushiro Arr, MAJO Matsushiro, SNAZ Neumayer Olymp, VNA2 Neumayer-Watz, KSRS Korea Arr, KS15 Wonju Array S, KSAR Wonju Array Be, NV01 Mina Array Sit, NVAR Mina Array Be, TUC Tucson, ENH Enshi, HLID Haleiy, PDAR Pinedale Array, FIAO FINESS Array S, FINES FINESS Array B, NB200 NORRAR Array B, NOA NORRAR Array B, AKASG Malin Array Be, AKABG Malin Array S, BR101 Keskin Array S, BR101 Keskin Array S, BRTR Keskin Array B, TORO Torodi Arr, TOA1 Torodi Arr.

ISCJB 20 11:31:56.0-0.5,29:13S:0.07x176:82W:0.09,h36km,

NEIC 20 11:31:57.1-0.5,29:12S:176:71W,h35km,mb4.4/9, Error ellipse: s-maj=13.6km s-min=9.9km az=127.0

ISC 20 11:31:59.9-2.6,29:16S:176:84W,h44km,54km,mb3.8/11,

ISC 20 11:31:57.8-0.6,29:2S:0.1x176:72W:0.09,h36km,n50,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, OUZ Omahuta, URZ Urewera, DZM Mont Dzumac, DZM Mont Dzumac, OXZ Oxford, RPZ Rata Peaks, PPT2 Papeete2, PPT Papeete, CTA Charters Tower, STKA Stephens Creek, AS1K Alice Springs, AS31 Alice Springs, ASAR Alice Springs, WB2 Warramunga Arr, WRAB Tennant Creek, WR1 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, VDA Vanda, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, RPN Rapa Nui, QSA South Pole Qui, MPA Mawson, MAW Mawson, MJAR Matsushiro Arr, MAJO Matsushiro, SNAZ Neumayer Olymp, VNA2 Neumayer-Watz, KSRS Korea Arr, KS15 Wonju Array S, KSAR Wonju Array Be, NV01 Mina Array Sit, NVAR Mina Array Be, TUC Tucson, ENH Enshi, HLID Haleiy, PDAR Pinedale Array, FIAO FINESS Array S, FINES FINESS Array B, NB200 NORRAR Array B, NOA NORRAR Array B, AKASG Malin Array Be, AKABG Malin Array S, BR101 Keskin Array S, BR101 Keskin Array S, BRTR Keskin Array B, TORO Torodi Arr, TOA1 Torodi Arr.

ISCJB 20 11:55:53.4-1.0,12.26N:0.06:89:50W:0.06,h10km,

UCR 20 11:55:53.9-1.1,12.32N:89:45W,h3km,8km,ML3.7

ISC 20 11:55:57.8-1.6,13.83N:88:14W,h0km,mb3.6/1,

ISC 20 11:55:56.2-1.4,12.42N:0.07:89:38W:0.07,h10km,n25,

0597/26, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LFRS El Faros, COLS Serv Nav Est T, UNES San Salvador, BOQS Boqueron, BUQS La Fuente, LBRAS Las Bravas, PAVA PAVA, SBLJ San Blas, LCLY Lacayo, SNJE San Jose, RTR El Retiro, LCND La Ca'ada, CSNG Cosiguina Volc, CSNG Cosiguina, CRIN San Cristobal, COPIN Copaliter, MOMM Momotombo, APG El Apazole, APG, APN Apoyeque, MATN Matagapua, JTS JuntasAbangare, CMIG Matias Romero, NVAR Mina Array Be, WRA Warramunga Arr, CMAR Chiang Mai Arr.

ISCJB 20 11:59:46.3-2.4,25:10N:0.07:123:39E:0.05,

JMA 20 12:17:41.1-0.4,25:04N:123:37E,h25km,M3.1,

ISC 20 12:17:49.7-5.5,24:91N:123:13E,h17km,54km,mb3.4/6,

ISC 20 12:17:41.7-2.0,24:98N:0.09:123:39E:0.06,h11km,13km,

JMA 20 12:22:55.9-0.3,25:10N:123:37E,h16km,5km,M3.1,

ISCJB 20 12:22:56.0-0.7,25:07N:0.05:123:37E:0.05,h10km,

ISC 20 12:23:06.6-6.5,24:90N:123:08E,h8km,67km,mb3.3/6,

ISC 20 12:27:52.0-2.9,25:02N:0.07:123:40E:0.04,h10km,n16,

ISC 20 11:59:45.9-3.7,25:01N:0.07:123:42E:0.05,h3km,24km,

ISC 20 11:59:46.3-2.4,25:10N:0.07:123:39E:0.05,

JMA 20 11:59:46.5-0.2,25:11N:123:38E,h21km,M3.2,

ISC 20 11:59:54.8-5.3,24:96N:123:18E,h67km,54km,mb3.4/9,

ISC 20 11:59:45.9-3.7,25:01N:0.07:123:42E:0.05,h3km,24km,

ISC 20 12:01:00.25:00N:123:30E,h5km,Mw4.2 Best double,

ISCJB 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

h11km,17km,mb3.6/6, Error ellipse: s-maj=8.4km

JMA 20 12:17:41.1-0.4,25:04N:123:37E,h25km,M3.1,

ISC 20 12:17:49.7-5.5,24:91N:123:13E,h17km,54km,mb3.4/6,

ISC 20 12:17:41.7-2.0,24:98N:0.09:123:39E:0.06,h11km,13km,

JMA 20 12:22:55.9-0.3,25:10N:123:37E,h16km,5km,M3.1,

ISCJB 20 12:22:56.0-0.7,25:07N:0.05:123:37E:0.05,h10km,

ISC 20 12:23:06.6-6.5,24:90N:123:08E,h8km,67km,mb3.3/6,

ISC 20 12:27:52.0-2.9,25:02N:0.07:123:40E:0.04,h10km,n16,

ISC 20 11:59:45.9-3.7,25:01N:0.07:123:42E:0.05,h3km,24km,

ISC 20 11:59:46.3-2.4,25:10N:0.07:123:39E:0.05,

JMA 20 11:59:46.5-0.2,25:11N:123:38E,h21km,M3.2,

ISC 20 11:59:54.8-5.3,24:96N:123:18E,h67km,54km,mb3.4/9,

ISC 20 11:59:45.9-3.7,25:01N:0.07:123:42E:0.05,h3km,24km,

ISC 20 12:01:00.25:00N:123:30E,h5km,Mw4.2 Best double,

ISCJB 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

JMA 20 12:01:27.6-0.5,25:02N:123:35E,h31km,M3.5,

ISC 20 12:01:27.1-0.2,25:05N:123:31E,h29km,60km,mb3.6/8,

ISC 20 12:01:28.4-0.7,24:98N:0.07:123:38E:0.04,h24km,n19,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

ISC 20 12:01:27.5-0.6,25:01N:0.05:123:36E:0.04,h24km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GNLF, GNLF, KDTR, KDTR, Khodutka, Kame, etc.

KNET 20 12:56:02.0±0.3, 42.67N:75.73E, h0km, mb3.0, m1.4, Error ellipse: s-maj=2.8km s-min=1.4km az=133.0

NNC 20 12:56:03.0±0.6, 42.66N:75.69E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=3.3km s-min=2.8km az=151.0, Suspected Mining explosion.

ISCJB 20 12:56:03.0±0.6, 42.68N:0.04:75.70E±0.04, h0km, Error ellipse: s-maj=6.3km s-min=4.2km az=168.1

SOME 20 12:56:04.2±1.0, 42.69N:75.65E, h0km, n16, s=087/21, 13C-7D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TKM2, TKM2, TKM2, KBK, KBK, KBK, etc.

ISCJB 20 13:01:37.5±0.5, 38.56N:0.03:28.64E±0.04, h0km, Error ellipse: s-maj=4.7km s-min=3.8km az=26.0

DDA 20 13:01:37.9, 38.56N:28.60E, h0km, MI2.7, ISK 20 13:01:37.1, 38.54N:28.64E, h0km, ML1.7/3, Suspected Mining explosion.

ISC 20 13:01:37.7±1.0, 38.58N:0.03:28.62E±0.03, h0km, n12, s=0546/19, Turkey

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

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

IDC 20 13:42:08.6±1.3, 2.80N:92.25E, h0km, mb3.7/8, m1.4, 0/1.1, mb1mx3.7/43, mbtmp3.8/11, ML4.0/3, MS3.0/5, MS1.3/1.5, m1mx2.7/46, Error ellipse: s-maj=36.1km s-min=19.6km az=41.0

ISCJB 20 13:42:11.9±0.8, 2.69N:0.07:92.30E±0.07, h33km, mb3.8/9, MS3.3/3, Error ellipse: s-maj=12.1km s-min=6.9km az=43.7

DJA 20 13:42:11.8±1.2, 3.1N:6.9±9.2E±, h20km, 1.1km, M4.7/8, mB5.1/2, mb4.7/8, MLV4.0/8, MW(ML)4.4/2

ISC 20 13:42:13.6±0.8, 2.71N:0.08:92.35E±0.07, h35km, n41, s=230/40, mb3.7/9, MS3.2/3, Off west coast of northern 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.

UTTA 20 14:07:10.5, 44.13N:83.57E, h0km, Error ellipse: s-maj=32.9km s-min=15.0km az=125.0

SOME 20 14:07:10.5, 44.13N:83.57E, h0km, Error ellipse: s-maj=32.9km s-min=15.0km az=125.0

ISC 20 14:07:11.8±2.8, 44.0N:0.1, h20km, n8, s=166/13, 3C-3D, North Xinjiang

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

UCR 20 13:56:30.2±1.8, 12.09N:89.71W, h19km, ML3.6, Error ellipse: s-maj=16.0km s-min=6.1km az=35.9

IDC 20 13:56:44.8±1.6, 13.08N:89.10W, h0km, mb3.9/4, mB1 4.1/7, mb1mx3.8/34, mbtmp3.8/7, ML3.0/4, MS3.2/8, MS1.3/2.8, m1mx2.9/35, Error ellipse: s-maj=64.6km s-min=21.3km az=39.0

ISC 20 13:56:45.4±0.8, 13.08N:0.10:89.04W±0.06, h10km, n30, s=259/25, mb3.9/4, MS3.1/6, El Salvador

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 JTS, JuntasAbangare, CMIG, Matias Romero, etc.

ROSC El Rosal 16.67 118 PN P 14 00 44.6 +2.5

SDV Santo Domingo 18.54 101 P Pn 14 01 04.7 +1.9

ATAH Ahtualpa 26.19 152 LR LR 14 09 27.5

LPIG La Paz 22.92 302 LR LR 14 11 01.1

TKL Tuckaleechem C 22.98 11 LR LR 14 12 44.7

NNA Nana 27.66 154 LR LR 14 13 26.1

NVAR Minn Air Baya 36.22 319 P P 14 03 49.6 +0.7

NVAR comp=N, 1.3nm, 0.3s, baz=130, slow=6.3, SNR=9.3

ULM Lac du Bonnet 37.49 353 P P 14 04 00.1 +0.9

ULM comp=N, 4.2nm, 0.8s, baz=208, slow=5.6, SNR=3.0

ULM comp=N, 55nm, 19.3s, baz=154, slow=4.0

BDFB Brasilia 45.61 124 LR LR 14 28 12.4

YKA Yellowknife Ar 52.61 345 P P 14 06 00.5 +1.3

ILAR Etelsen Array 64.83 336 P P 14 07 24.5 +0.2

WRA Warramunga Ar 137.95 255 PKP PKPpdf 14 16 13.5 +2.2

CMAR Chiang Mai Ar 147.69 346 PKPbc PKPbc 14 16 30.3 -0.9

MAN 20 13:59:01.4, 12.75N:125.57E, h27km, mb4.6, ML3.5, MS3.4, 1C, Samar

NNC 20 14:07:05.6±4.1, 44.13N:83.82E, h0km, mb2.7, mpv2.4, Error ellipse: s-maj=32.9km s-min=15.0km az=125.0

SOME 20 14:07:10.5, 44.13N:83.57E, h0km, Error ellipse: s-maj=32.9km s-min=15.0km az=125.0

ISC 20 14:07:11.8±2.8, 44.0N:0.1, h20km, n8, s=166/13, 3C-3D, North Xinjiang

Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

KTMS Ketmen 2.53 259 eP Pb 14 07 55.9 +0.7

JDKM 13nm,0.2s 2.87 278 eS S 14 08 28.3 -2.1

DJR Jakarta 1.4nm,0.3s 2.87 278 eS S 14 08 36.5 -0.7

MK31 Makanchi Array 2.98 340 pP Pn 14 07 58.4 +0.4

MAK2 Makanchi Array 3.08 337 pP Pn 14 08 00.9 +1.6

MAK2 1.3nm,0.6s 3.17 259 pP Pn 14 08 39.6

PDGK 1.7nm,0.8s 3.17 259 pP Pn 14 08 04.8 -2.7

PDGK 3.1nm,0.5s 3.39 294 eP S 14 08 09.7 -1.6

KAPS Khamasan 1.0nm,0.2s 3.54 258 eP S 14 08 12.8 -1.0

UZB 4.5nm,0.2s 3.54 258 eP S 14 08 12.8 -1.0

UZB 4.1nm,0.5s 3.86 273 eP S 14 08 18.6 -0.6

MNBS Baschi 1.6nm,0.2s 3.86 273 eP S 14 08 18.6 -0.6

MNBS 10nm,0.3s 3.86 273 eP S 14 09 07.2 +0.0

UCR 20 14:15:18.9±1.3, 9.67N:85.87W, h29km, mb3.9, MD3.9, 4D, Off coast of Costa Rica

VCR Vista de Mar 0.51 28 pP Pn 14 15 29.1 -0.5

VCR 1.4nm,0.2s 0.65 28 pP Pn 14 15 38.8 -1.2

PLVR Palo Verde 0.84 37 pP Pn 14 15 47.0 +0.5

NV14 Universidad de 1.02 19 pP Pn 14 15 37.3 -0.1

JTS JuntasAbangare 1.09 56 pP Pn 14 15 37.5 -0.8

JTS 4.1nm,0.5s 1.19 34 pP Pn 14 15 52.8 +0.3

COLC Colonia 1.19 34 pP Pn 14 15 39.2 -0.4

COLC 1.19 31 pP Pn 14 15 55.9 0.0

LIMI Limonal 1.19 31 pP Pn 14 15 40.0 -0.2

LIMI 1.24 33 pP Pn 14 15 56.0 0.0

CUI Cuiplapa 1.20 35 pP Pn 14 15 39.5 -0.3

CUI 1.20 35 pP Pn 14 15 56.3 0.0

BUEV Buena Vista 1.21 22 pP Pn 14 15 39.6 -0.4

GB1A Borinquen Arri 1.23 22 pP Pn 14 15 40.1 -0.1

HOBR Hornillas 1.24 33 pP Pn 14 15 40.0 -0.2

MESS Mesas 1.25 32 pP Pn 14 15 40.2 -0.3

MESS 1.25 32 pP Pn 14 15 40.4 -0.3

URSC Urasca 2.07 85 eP Pn 14 15 40.7 +0.8

CVTR Volcan Triaud 2.11 80 eP Pn 14 15 53.5 +0.9

COPI Copalpete 2.59 344 eP Pn 14 15 59.7 +0.9

BOAB BOACO BROADBAZ 7.7 4 eP Pn 14 16 01.9 +0.7

BOAB 1.0nm,0.3s, baz=324, slow=8.7, SNR=6.1

MOAM Motomotombo 2.80 347 eP S 14 16 34.4 +0.7

MATN Matagalpa 3.24 359 eP Pn 14 16 08.5 +0.6

IDC 20 14:15:06.8±2.0, 8.13S:117.30E, h0km, mb3.0/3, mB1 3.5/5, mb1mx3.4/44, mbtmp3.4/5, ML3.5/2, MS3.2/1, m1 3.2/1, m1mx2.4/17, Error ellipse: s-maj=105.9km s-min=22.6km az=48.0

DJA 20 14:15:18.4±0.9, 8.8±1.1E±, h11km, 5km, M3.2/5, MLV3.2/5

ISC 20 14:15:20.2±1.8, 8.65±0.2:118.18E±0.09, h10km, n16, s=192/9, Sumbawa region

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

PLAI Plampang 0.45 241 Op Pn 14 15 31.5 +1.2

TWSI Taliwang, Sumb 1.28 264 P Pb 14 15 44.2 +0.3

WBSI Waikabubak, S 1.58 311 P Pn 14 15 49.3 +0.9

WBSI 1.58 311 P Pn 14 16 10.3 +1.4

BATI Baumata 5.64 107 Pn 14 16 45.8 +1.5

FITZ Fitaro Crossi 11.90 143 Pn 14 18 10.4 +0.3

FITZ 0.1nm,0.3s, baz=324, slow=8.7, SNR=6.1

FITZ 0.1nm,0.3s, baz=231, slow=6.8, SNR=1.8

WAR Alice Springs 21.24 137 P P 14 19 43.1 -1.5

WAR 0.2nm,0.4s, baz=302, slow=12, SNR=6.5

NWA0 Warramunga (SR) 24.22 182 LR LR 14 31 45.0

MAN 20 14:16:25.2, 10.23N:126.41E, h125km, mb4.6, ML3.5, MS3.5

ISC 20 14:16:29.3±2.0, 10.35N:126.50E±0.2, h44km, n6, s=166/13, 3C-3D, North Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, BUTP Butuan, MSLP Maasin, etc.

MEX 20 14:20:04.3-0.6, 16:20N-98:19W, h5km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, TLIG Tlapa, VHO Vista Hermosa, etc.

IDC 20 14:22:24.7-4.7, 30:77S-178:10W, h0km, mb3.9/3, mb1 4.0/3, mb1mx3.6/34, mbtmp3.9/3, Error ellipse: s-maj=169.7km s-min=54.4km az=159.0, Kermadec Islands

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

IDC 20 14:23:30.7-0.8, 10:73N-126:81E, h0km, mb3.8/12, mb1 3.9/12, mb1mx3.8/56, mbtmp3.8/12, MS2.9/9, Ms1 3.0/9, ms1mx2.7/40, Error ellipse: s-maj=33.5km s-min=17.6km az=72.0

MAN 20 14:23:34.1, 10:86N-126:75E, h79km, mb0.1, ML4.0, MS4.2

ISC 20 14:23:32.5-3.8, 10:87N-126:80E, 0.7, h10km, 23km, n29, c108/32, mb3.9/13, MS2.8/6, 1C-ID, Philippine Islands region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BESE Borongan, SCPH Surigao, PLP Palo, etc.

NEIC 20 14:41:09.5-0.0, 15:57N-94:78W, h19km, MD4.2(MEX), After MEX

MEX 20 14:41:09.6-0.6, 15:57N-94:78W, h16km, g6km, MD4.1, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUIG Huatulco, PCIG PCIG, CMIG Matias Romero, etc.

NIED 20 14:44:00, 38:10N-142:70E, h11km, Mw3.4 Best double

couple: Ms1.46000-1014 NP1.274.00000, 827.00000, -1.160.00000, NP2.166.00000, 881.00000, -1.64.00000

JMA 20 14:44:26.9-0.2, 38:11N-142:65E, h33km, 4km, M3.7, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JJO Ouri, OFJU Ofunato, OFJU Ofunato, etc.

DDA 20 15:03:47.7, 37:94N-139:01E, h7km, ML2.6, ISK 20 15:03:47.1, 37:88N-139:01E, h4km, ML2.1/5, ISC 20 15:03:47.8-1.2, 37:90N-139:01E, 0.03, h6km, 1.1km, n13, c094/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URFA Urfa, SVRC Sivrice-ELAZID, SANL SANLIURFA_Merk, etc.

IDC 20 15:06:38.5-2.3, 1:03N-127:41E, h0km, mb3.3/3, mb1 3.4/3, mb1mx3.2/36, mbtmp3.3/3, Error ellipse: s-maj=196.6km s-min=25.0km az=67.0, Himalpha

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

ISCJB 20 15:08:30.1-0.6, 12:28N-108:88W, 0.04, h74km, 6km, mb3.5/3, Error ellipse: s-maj=15.3km s-min=3.3km az=24.0

UCR 20 15:08:30.5-1.5, 12:79N-88:40W, h56km, 25km, ML4.0, IDC 20 15:08:35.9-1.4, 13:21N-88:36W, h91km, 29km, mb3.2/3, mb1 3.6/6, mb1mx3.4/34, mbtmp3.6/6, MS2.7/3, Ms1 2.8/3, ms1mx2.5/14, Error ellipse: s-maj=79.6km s-min=11.7km az=30.0

ISC 20 15:08:30.8-1.3, 12:80N-111:89W, 0.05, h61km, 11km, n40, c081/48, mb3.5/3, 1D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCMY Lacayo, YSM YSM, LCND La Ca' -migel, etc.

TEL3 Telica 3, 1.52 98 eP, TELN Telica, 1.53 97 eP, SBLS San Blas, 1.59 311 eP, etc.

APG comp=N, 22mm, 19.5s, baz=87, slow=25, JTS JuntasAbangare, 4.19 126 P, etc.

CMIG comp=N, 0.3mm, 0.3s, baz=182, slow=22, SNR=9.6, MATN Matagalpa, 2.19 107 eS, etc.

YKA Yellowknife Arr, 53.04 345 P, ILAR Eielson Array, 65.33 326 eP, etc.

WRA Warramunga Arr, 138.48 254 PKP, ASAR Alice Springs, 138.54 249 PKP, etc.

PLAI Plampang, 0.71 18 eP

IDC 20 15:25:00.3-2.1, 9:14S-116:95E, h0km, mb3.4/2, mb1 3.7/5, mb1mx3.5/31, mbtmp3.6/5, ML3.6/3, Error ellipse: s-maj=90.9km s-min=24.8km az=46.0, DJA 20 15:25:14.7/0.3, 9:5S x 11:8E, h68km, 6km, M4.1/13, mb4.1/1, ML4.0/1/13, ISC 20 15:25:09.1-1.7, 9:51S-107:175E, 0.04, h14km, 13km, n16, c291/23, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station PLAI Plampang.

ISCJB 20 15:08:42.1-0.4, 6:24S-0:07-149:13E-0:07, h53km, mb4.3/13, MS3.1/6, Error ellipse: s-maj=13.3km s-min=5.9km az=135.6

NEIC 20 15:08:44.5-1.1, 6:30S-149:25E, h62km, 11km, mb4.4/10, Error ellipse: s-maj=13.5km s-min=7.5km az=130.0

IDC 20 15:08:45.8-2.6, 6:29S-149:19E, h73km, 21km, mb3.9/8, mb1 4.1/10, mb1mx3.7/37, mbtmp4.2/10, MS3.2/6, Ms1 3.2/6, ms1mx2.8/30, Error ellipse: s-maj=24.3km s-min=17.3km az=121.0

ISC 20 15:08:43.5-0.6, 6:27S-149:20E, 0.1, h53km, n34, c055/38, mb4.3/13, MS3.1/6, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, COEN Coenen, etc.

FITZ Fitzroy Crossi, 25.82 241 P, FITZ Fitzroy Crossi, 25.82 241 eP, etc.

STKA Stephens Creek, 26.45 195 P, STKA Stephens Creek, 26.45 195 eP, etc.

BBOW Buckleboe, 29.11 203 eP, MBWA Marble Bar, 32.15 240 eP, etc.

PETK Petropavlovsk, 59.59 6 eP, PETK Petropavlovsk, 59.59 6 eP, etc.

VNDA Vanda, 71.53 177 eP, VNDL Eielson Array, 84.87 23 P, etc.

TORD Torodi Arr. Bea, 147.28 25 PKP, TOA1 Torodi Arr. Sit, 147.28 285 ePKP, etc.

ISC 20 15:09:34.4, 37:33N-37:12E, h9km, ML1.8/4, ISCJB 20 15:09:35.3-0.7, 37:32N-37:12E, 0.06, h6km, 10km, Error ellipse: s-maj=9.3km s-min=6.6km az=139.6

DDA 20 15:09:35.4-1.3, 37:32N-37:12E, h7km, ML2.5, ISC 20 15:09:35.1-1.1, 37:32N-37:12E, 0.05, h9km, 10km, n9, c032/13, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GAZ Gaziantep, KWRB Kahramanmaraş, KUZU Kuzuni, etc.

UCR 20 15:15:36.6-1.7, 10:24N-84:38W, h9km, 6km, MD3.9, ML3.1-3C, 5D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SRAI San Ramon, HJC Heredia, JTS JuntasAbangare, etc.

IDC 20 15:25:00.3-2.1, 9:14S-116:95E, h0km, mb3.4/2, mb1 3.7/5, mb1mx3.5/31, mbtmp3.6/5, ML3.6/3, Error ellipse: s-maj=90.9km s-min=24.8km az=46.0, DJA 20 15:25:14.7/0.3, 9:5S x 11:8E, h68km, 6km, M4.1/13, mb4.1/1, ML4.0/1/13, ISC 20 15:25:09.1-1.7, 9:51S-107:175E, 0.04, h14km, 13km, n16, c291/23, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station PLAI Plampang.

20d 16h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FORT Forrest, EIDS Eidsvoll, BBOO Buckleboo, etc.

2012 SEP

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RAYN, AKH Akhalkalaki, AKH Akhalkalaki, etc.

1128

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Z50A Ashland, W40A Ferguson Farm, W40A Ferguson Farm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include stations like Kings Mountain, Cocks Store, Nancy, Thorn Hill, Tazewell, Skylar, Willow Grove F, Wiedeman Farm, Truxton, Cedar Bluff, New Douglas, Springfield, Meyer Farm, Salisbury, Olney, Woolly Knot Far, Lathrop, Wyandotte Cave, Wyandotte Cave, Warren Harvey, Richmond, Great Sand Dun, Great Sand Dun, Hallie, Barry, Barry, Winchester, Winchester, Lo Mia Camp, Shelbyville, Beattyville, Beattyville, Skaggs, Sand Creek, Salyersville, 4UR Ranch, 4UR Ranch, Kirkville, Passleys Farm, Bloomington, North Vernon, Graceland, Graceland, Mesa Verde, Bath, Wupatki, Aurora, Martinsville, Georgetown, Derby Farms, Milroy, Cattlettsburg, Hopedale, Yates City, Paradox Valley, Paradox Valley, Radium Mtn., Paradox Valley, Paradox Valley, Snowmass, Skein Mesa, Post Highland, Saucer Basin, David Mesa, East Wray Mesa, Idaho Springs, Nyswonger Mesa, Jamestown, Milan, Bidwell, West Nyswonger, Ogallah, Lion Creek, Paradox Valley, Blue Mesa, Carpenter Ridg, Farmland, Williamsport, Cone Mtn., North Rim, State Center, State Center, Waltham Townsh, Covington, Covington, Big Chuckawall.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include stations like Harm Buss Farm, Midewin, Midew, Galbreath, Anamosa, Anamosa, Preston, Decatur, Oliver, Oliver, Belmont, K37A, K39A, K40A, K41A, JFWS, JFWS, J40A, J41A, ECSD, ECSD, J43A, I39A, I39A, H39A, G39A, PDAR, F38A, NV11, E38A, E38A, E40A, NV01, NVAR, IMW, D41A, EYMN, AGMN, AGMN, J08A, ULM, ULM, F10A, YKA, DLBC, INK, ILAR, WMQ, KSH, WRA, IDC 20 17:06:22.0, IDC 20 17:06:27.0, Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include stations like Port Moresby, J44nm, Jay, JAY, SIJ, SIJ, WRA, WRA, ASAR, ASAR, FITZ, FITZ, FITZ, FITZ, STKA, STKA, STKA, WRKA, HHT, BBOO, ARPS, TOO, FORT, FORT, MBWA, MEEK, KMBL, OUZ, MOO, GIRL, JOW, MORW, KLBR, BLDU, YOJ, QRZ, URW, DSZ, MIUN, YHNB, THZ, PNHZ, INZ, TOUW, JCCZ, MRZ, HOWZ, LTZ, ANWZ, BFZ, KHZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include stations like MW4, MAMU, PMG, PMG, JAY, JAY, COEN, COEN, MTSU, CTA, CTAO, QIS, EIDS, EIDS, MTN, GUMO, PALU, WRAL, WB2, WRA, WRA, WRA, WRA, RMQ, QLP, DZM, KNRA, AS01, AS31, ASAR, ASAR, ASAR, ARMA, ARMA, CMSA, FITZ, FITZ, FITZ, FITZ, STKA, STKA, STKA, WRKA, HHT, BBOO, ARPS, TOO, FORT, FORT, MBWA, MEEK, KMBL, OUZ, MOO, GIRL, JOW, MORW, KLBR, BLDU, YOJ, QRZ, URW, DSZ, MIUN, YHNB, THZ, PNHZ, INZ, TOUW, JCCZ, MRZ, HOWZ, LTZ, ANWZ, BFZ, KHZ.

Table of station data for 20Z 18h, including station names, coordinates, and various parameters like elevation and frequency.

Table of station data for 2012 SEP, including station names, coordinates, and various parameters like elevation and frequency.

Table of station data for 1130, including station names, coordinates, and various parameters like elevation and frequency.

ZEA	Zeya	17.89 327	eP	Pn	18 36 13.1	-3.3
ZEA	comp=N,41nm,1.0s		pmax	pmax		
ZEA	comp=E,24nm,1.0s		pmax	pmax		
ZEA	comp=Z,41nm,1.0s		pmax	pmax		
ZEA	comp=N,2um,15.0s		MLR	MLR		
ZEA	comp=Z,2um,15.0s		MLR	MLR		
ZEA	comp=E,1um,13.0s		MLR	MLR		
HIA	Hailar	19.39 308	eP	P	18 36 31.3	-2.1
HIA	comp=E,20nm,0.7s		pmax	pmax		
HIA	Hailar	19.39 308	eP	P	18 36 31.3	-2.1
HIA	comp=Z,20nm,0.7s		pmax	pmax		
SSE	Sheshan	19.98 252	P	P	18 36 39.3	-0.6
SSE	comp=Z,19nm,0.6s		pmax	pmax		
SSE	comp=Z,82nm,4.3s		LR	LR		
SSE	comp=Z,560nm,16.1s		LR	LR		
SSE	comp=Z,460nm,13.9s		LR	LR		
SSE	comp=Z,560nm,13.2s		LR	LR		
MA2	Magadan	20.52 11	P	P	18 36 46.7	+1.1
MA2	comp=Z,24nm,0.8s,baz=196,slow=8.6,SNR=16		LR	LR	18 45 37.8	
MA2	comp=Z,369nm,18.3s,baz=198,slow=40		LR	LR		
TIA	Tai'an	20.98 269	P	P	18 36 48.6	-2.2
TIA	comp=Z,14nm,1.0s		LR	LR	18 40 40.3	-2.9
TIA	comp=Z,770nm,11.1s		LR	LR		
TIA	comp=Z,2um,15.0s		LR	LR		
TIA	comp=Z,3um,14.7s		LR	LR		
NJ2	Nanjing	21.24 257	eP	P	18 37 02.5	+8.9
NJ2	comp=Z,29nm,0.6s		LR	LR	18 37 07.8	+3.1
NJ2	comp=N,1um,14.1s		LR	LR	18 40 53.0	-3.0
NJ2	comp=E,680nm,11.9s		LR	LR		
NJ2	comp=Z,1um,15.2s		LR	LR		
TATO	Taipei	23.50 334	eP	P	18 37 16.3	-1.1
YAK	Yakutsk	23.96 248	eP	P	18 37 19.4	-2.0
YAK	comp=Z,188nm,1.3s		pmax	pmax	18 41 36.0	-0.1
YAK	comp=N,129nm,1.3s		pmax	pmax	18 42 24.2	+7.2
YAK	comp=E,70nm,1.4s		smax	smax		
YAK	comp=E,388nm,2.8s		smax	smax		
YAK	comp=N,1um,3.6s		MLR	MLR		
YAK	comp=Z,3um,14.0s		MLR	MLR		
YAK	comp=N,2um,14.0s		MLR	MLR		
YAK	comp=E,2um,12.0s		MLR	MLR		
SEY	Seymchan	23.97 10	P	P	18 37 22.1	+0.6
SEY	comp=E,19nm,0.8s,baz=188,slow=7.7,SNR=37		LR	LR	18 37 21.2	-0.3
SEY	Seymchan	23.97 10	eP	P	18 37 19.5	-2.8
CIT	Chita	24.03 311	eP	P	18 37 32.2	
CIT	comp=Z,94nm,1.2s		pmax	pmax	18 37 34.4	0.0
WHN	Wuhan	25.35 258	P	P	18 41 58.8	-0.2
WHN	comp=Z,280nm,1.4s		LR	LR		
WHN	comp=Z,2um,13.2s		LR	LR		
WHN	comp=Z,2um,13.9s		LR	LR		
WHN	comp=Z,2um,17.1s		LR	LR		
BTO	Baotou	25.47 283	eP	P	18 37 35.8	+0.3
GUM	Guam	25.96 177	LR	LR	18 46 44.5	
BOD	Bodaibo	26.28 324	eP	P	18 37 42.5	-0.1
BOD	comp=Z,43nm,1.0s		pmax	pmax		
ULN	Ulaanbaatar	27.32 300	eP	P	18 37 52.8	+0.5
ULN	comp=Z,30nm,1.1s		pmax	pmax		
ULN	Ulaanbaatar	27.32 300	eP	P	18 37 52.8	+0.5
ULN	comp=Z,31nm,1.1s		pmax	pmax		
SONM	Songino Array	27.76 299	P	P	18 37 56.8	+0.7
SONM	comp=Z,5.9nm,0.7s,baz=111,slow=7.8,SNR=53		LR	LR	18 49 36.9	
SONM	comp=Z,2um,19.1s,baz=94,slow=38		LR	LR		
XAN	Xi'an	28.04 269	P	P	18 37 59.1	+0.4
XAN	comp=Z,13nm,1.3s		pmax	pmax	18 38 04.3	-2.5
XAN	comp=Z,180nm,7.2s		LR	LR	18 38 07.0	-3.2
XAN	comp=Z,780nm,13.3s		LR	LR		
XAN	comp=Z,1um,15.5s		LR	LR		
H112	WAKE ISLAND Hy 28.30 128		T	T	19 09 04.0	
H111	WAKE ISLAND Hy 28.31 128		T	T	19 08 53.3	
H113	WAKE ISLAND Hy 28.32 128		T	T	19 08 53.2	
H111	WAKE ISLAND Hy 29.12 130		T	T	19 10 04.2	
H113	WAKE ISLAND Hy 29.12 130		T	T	19 10 06.3	
H112	WAKE ISLAND Hy 29.14 130		T	T	19 09 54.3	
ENH	Enshi	29.18 262	eP	P	18 38 08.5	-0.3
ZAK	Zakamensk	30.00 304	eP	P	18 38 15.3	-0.7
LZH	Lanzhou	31.26 276	eP	P	18 38 28.8	+1.5
LZH	comp=Z,38nm,1.0s		pmax	pmax	18 38 36.4	+0.9
LZH	comp=Z,38nm,1.0s		pmax	pmax	18 38 40.9	+2.0
LZH	comp=Z,98nm,4.2s		pmax	pmax		
MOY	Mondy	31.56 307	eP	P	18 38 30.5	+0.7
MOY	comp=Z,39nm,3.4s		pmax	pmax		
GYA	Guiyang	33.24 258	iP	P	18 38 44.3	-0.5
GYA	comp=Z,20nm,1.1s		pmax	pmax		
GTA	Gaotai	33.38 284	eP	P	18 38 46.8	+0.9
GTA	comp=Z,32nm,1.1s		pmax	pmax	18 38 53.4	-0.7
GTA	comp=Z,32nm,1.1s		pmax	pmax	18 38 57.3	-0.1
GTA	comp=Z,19nm,1.2s		pmax	pmax	18 41 28.3	+1.3
GTA	comp=Z,160nm,9.6s		LR	LR		
GTA	comp=Z,470nm,20.3s		LR	LR		
GTA	comp=Z,2um,17.5s		LR	LR		
GTA	comp=Z,3um,17.5s		LR	LR		
DAV	Davao City (W)	36.15 211	LR	LR	18 52 08.0	

KMI	Kunming	36.94 259	P	P	18 39 14.3	-2.4
KMI	comp=Z,179nm,21.1s,baz=59,slow=33		pP	pP	18 39 23.8	-1.1
KMI	comp=Z,15nm,1.3s		sP	sP	18 39 27.3	-1.0
KMI	comp=Z,140nm,3.4s		pmax	pmax		
KMI	comp=Z,460nm,16.5s		LR	LR		
KMI	comp=Z,700nm,16.0s		LR	LR		
KMI	comp=Z,730nm,15.7s		LR	LR		
DGZ	Jazzator, Alta	40.21 304	iP	P	18 39 44.7	+0.8
DGZ	comp=Z,14nm,1.2s		pmax	pmax		
ZALV	Zalesovo Beam	41.39 310	P	P	18 39 53.7	+0.4
ZALV	comp=Z,5.4nm,0.5s,baz=93,slow=8.3,SNR=28		PcP	PcP	18 41 51.0	0.0
ZALV	comp=Z,4.0nm,0.8s,baz=104,slow=3.5,SNR=3.9		LR	LR	18 57 51.7	
ZALV	comp=Z,386nm,19.4s,baz=70,slow=37		LR	LR	18 58 54.5	
NRK	Noril'sk	41.61 334	P	P	18 39 54.5	-0.4
NRK	comp=Z,5.1nm,0.5s,baz=331,slow=24,SNR=5.7		LR	LR	18 58 57.5	
NRK	comp=Z,604nm,18.0s,baz=244,slow=39		LR	LR	18 55 16.7	
SIJI	Sorong	41.80 198	LR	LR	18 40 01.2	+0.9
SIJI	comp=Z,84nm,19.3s,baz=24,slow=33		LR	LR	18 40 05.8	+1.4
NVS	Novosibirsk	42.24 312	eP	P	18 40 07.9	+1.6
PHRA	Phrae	42.70 253	P	P	18 40 13.8	+6.2
PHRA	comp=Z,1.3nm,1.1s,comp=Z,2.1nm		P	P	18 40 11.6	+1.7
UTTA	Utтарadit	42.94 252	P	P	18 40 11.4	+0.8
UTTA	comp=Z,2.3nm,1.1s		P	P	18 40 10.9	+0.3
CHAI	Chaiyaphum	43.09 249	P	P	18 40 10.9	+0.3
CHAI	comp=Z,4.2nm,0.9s		P	P	18 40 11.5	+0.9
PBKT	Sadao Pong	43.39 250	P	P	18 40 13.0	+1.0
PBKT	comp=Z,6.3nm,1.4s		P	P	18 40 13.0	+1.0
CMMT	Chiang Mai	43.46 255	P	P	18 40 12.7	+1.2
CMMT	comp=Z,7.0nm,1.1s		P	P	18 40 16.0	+0.3
CHTO	Chiang Mai	43.46 255	eP	P	18 40 16.2	+0.6
CHTO	comp=Z,4.4nm,0.7s		P	P	18 40 16.9	-0.4
CHTO	Chiang Mai	43.46 255	eP	P	18 40 15.9	+0.3
CHTO	comp=Z,4.0nm,0.7s		P	P	18 40 15.9	+0.3
CHTO	Chiang Mai	43.46 255	P	P	18 40 15.9	+0.3
CHTO	comp=Z,1.2nm,0.5s,baz=47,slow=6.6,SNR=17		LR	LR	18 40 15.9	+0.6
LSA	Lhasa	43.57 274	eP	P	18 40 13.0	+1.0
LSA	comp=Z,5.8nm,0.6s		P	P	18 40 13.0	+1.0
CMAR	Chiang Mai Arr	43.68 254	P	P	18 40 12.7	+1.2
CMAR	comp=Z,2.68nm,18.0s,baz=59,slow=39		LR	LR	18 40 13.0	+0.6
CMAR	Chiang Mai Arr	43.68 254	P	P	18 40 15.7	0.0
CMAR	Makanchi Array	44.12 300	iP	P	18 40 15.9	+0.3
CMAR	comp=Z,12nm,0.9s		pmax	pmax	18 59 34.5	
MKAR	Makanchi Array	44.12 300	P	P	18 40 16.0	+0.3
MKAR	comp=Z,6.4nm,0.6s,baz=82,slow=9.9,SNR=54		LR	LR	18 40 16.2	+0.6
MKAR	Makanchi Array	44.12 300	P	P	18 40 16.2	+0.6
MKAR	comp=Z,808nm,18.7s,baz=76,slow=37		LR	LR	18 40 16.9	-0.4
MKAR	Makanchi Array	44.12 300	P	P	18 40 27.2	+1.2
KDAD	Kodiak Island	44.15 44	P	P	18 40 27.0	-0.4
KDAD	comp=Z,14nm,1.1s,baz=287,slow=11,SNR=3.4		P	P	18 40 27.0	-0.4
MAKZ	Makanchi	44.33 300	P	P	18 40 34.9	+0.8
MAKZ	comp=Z,19nm,1.1s		pmax	pmax	18 59 49.0	
TOLK	Toolik Lake Re	45.46 28	P	P	19 02 01.0	
TOLK	comp=Z,266nm,18.0s,baz=285,slow=36		LR	LR	19 02 01.0	
KURK	Kurchatov	45.62 306	eP	P	18 40 39.1	+0.6
KURK	comp=Z,140nm,0.8s		pmax	pmax	18 40 46.2	+0.7
KURK	Kurchatov	45.62 306	eP	P	18 40 50.7	+1.0
KURK	comp=Z,140nm,0.8s		pmax	pmax	18 40 50.4	+0.6
ILAR	Gielson Array	46.48 34	P	P	18 40 51.3	+0.7
ILAR	comp=Z,2.5nm,0.7s,baz=266,slow=6.7,SNR=28		LR	LR	18 40 54.9	+0.5
ILAR	comp=Z,2.5nm,0.7s,baz=266,slow=6.7,SNR=28		LR	LR	18 40 54.9	+0.5
BRDH	Bardiha	46.76 265	LR	LR	18 40 54.9	+0.5
BRDH	comp=Z,83nm,21.5s,baz=285,slow=36		LR	LR	18 40 51.3	+0.7
BRDH	Bardiha	46.76 265	LR	LR	18 40 51.3	+0.7
BRDH	comp=Z,276nm,18.6s,baz=80,slow=38		LR	LR	18 40 54.9	+0.5
PDGK	Podgornoye	46.99 296	P	P	18 40 54.9	+0.5
PDGK	comp=Z,15nm,1.2s		pmax	pmax	18 40 51.3	+0.7
ODAN	Odare	47.84 272	eP	P	18 40 51.3	+0.7
ODAN	Jirin	48.37 274	eP	P	18 40 51.3	+0.7
ODAN	comp=Z,57nm,0.6s		pmax	pmax	18 40 51.3	+0.7
JIRN	Jirin	48.37 274	eP	P	18 40 51.3	+0.7
JIRN	comp=Z,57nm,0.6s		pmax	pmax	18 40 51.3	+0.7
RAMN	Ramite	48.41 273	eP	P	18 40 51.3	+0.7
RAMN	comp=Z,60nm,0.9s		pmax	pmax	18 40 51.3	+0.7
GUN	Gumba	48.49 274	eP	P	18 40 51.3	+0.7
GUN	comp=Z,41nm,0.5s		pmax	pmax	18 40 51.3	+0.7
KKN	Kakani	49.01 275	eP	P	18 40 51.3	+0.7
KKN	comp=Z,57nm,0.6s		pmax	pmax	18 40 51.3	+0.7
PKIN	Phulchoki	49.02 274	eP	P	18 40 51.3	+0.7
PKIN	comp=Z,13nm,0.5s		pmax	pmax	18 40 51.3	+0.7
DMN	Daman	49.23 275	eP	P	18 40 51.3	+0.7
DMN	comp=Z,13nm,0.5s		pmax	pmax	18 40 51.3	+0.7
GKN	Gorkha	49.40 275	eP	P	18 40 51.3	+0.7
GKN	comp=Z,24nm,0.5s		pmax	pmax	18 40 51.3	+0.7
MBK	Mambong	49.40 275	eP	P	18 40 51.3	+0.7
MBK	comp=Z,24nm,0.5s		pmax	pmax	18 40 51.3	+0.7
DANN	Dangsay	49.90 276	eP	P	18 41 02.2	+0.9
DANN	comp=Z,14nm,1.1s,baz=287,slow=11,SNR=3.4		P	P	18 41 02.5	-0.1
BVAO	Borovoye Array	50.03 311	iP	P	18 41 02.5	+0.6
BVAO	comp=Z,8.0nm,0.7s		pmax	pmax	18 41 02.5	+0.6
BRVK	Borovoye	50.08 311	eP	P	18 41 01.5	-1.6
BRVK	comp=Z,13nm,1.0s		pmax	pmax	18 41 04.8	+0.5
OTUK	Ortayu	50.22 305	P	P	18 41 04.8	+0.5
OTUK	comp=Z,6.0nm,0.7s		pmax	pmax	18 41 07.2	+0.6
OTUK	comp=Z,6.0nm,0.7s		pmax	pmax	18 41 12.8	+1.4
KOLN	Koldanda	50.31 276	eP	P	18 41 10.4	-1.1
KOLN	comp=Z,19nm,0.6s</					

20d 18h

Table with columns: PDAR, Pinedale Array, 74.75 47 P, 18 43 48.6 +1.2, etc. Includes various station codes and coordinates.

2012 SEP

Table with columns: PPT, Papeete, 84.42 118 LR, 19 14 40.2, etc. Includes station codes and coordinates.

1132

Table with columns: NPS, Neapolis, 1.88 269 P, 18 47 48.0 +0.3, etc. Includes station codes and coordinates.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like VLI Veliai, ERMK Ermenek, DURS Dursunbey, TVSB Tavsaniya, KMER Konya-Meram, MAMC Mammari, KONT Konya-Tatoy, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like NB2 NORSPAR Subarra, NOA NORSPAR Array B, TORO Torodi Arr, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like GUD, PBAR Barrancos, EBAD Badajoz, etc.

20d 20h

Table with columns: Station, Name, Frequency, Power, Direction, and other technical details. Includes stations like GSI, PDSI, SDSDI, PSI, etc.

2012 SEP

Table with columns: Station, Name, Frequency, Power, Direction, and other technical details. Includes stations like BWNR, BBSI, CUSP, etc.

1136

Table with columns: Station, Name, Frequency, Power, Direction, and other technical details. Includes stations like FORT, ASAR, ASAR, etc.

HOPS	Hopland Field	78.81	41	eP	P	21 14 47.6 +1.1
HOPS	Cahto Peak	78.94	40	eP	pP	21 16 50.8 +4.0
KCPM	Osito Audit: C	79.02	46	eP	P	21 14 48.8 +1.5
OSI	Osito Audit: C	79.02	46	eP	P	21 14 49.2 +1.4
OSI	Osito Audit: C	79.02	46	eP	P	21 14 48.4 +0.6
USA0B	Ussuriysk Arra	79.03	326	eP	P	21 14 47.9 +0.3
USRK	Ussuriysk Ar.	79.03	326	eP	P	21 14 48.4 +0.8
USRK	Ussuriysk Ar.	79.03	326	eP	pP	21 16 47.0 -0.9
DECC	Green Verdugo	79.08	47	eP	P	21 14 48.4 +0.3
PASC	Pasadena Art C	79.13	47	eP	P	21 14 49.2 +0.9
109C	Camp Elliot, M	79.17	49	eP	P	21 14 49.1 +0.6
CPE	Camp Elliot	79.17	49	eP	P	21 14 49.3 +0.8
KMRM	Mali Ridge	79.20	39	eP	P	21 14 50.0 +1.4
KMRM	Arvin	79.24	46	eP	pP	21 16 52.2 +3.2
MWC	Mount Wilson	79.25	47	eP	P	21 14 50.0 +0.8
MWC	Mount Wilson	79.25	47	eP	pmax	21 14 50.0 +0.8
BAR	Barrett	79.36	49	eP	P	21 14 50.5 +0.9
JCC	Jacoby Creek	79.38	39	eP	P	21 14 50.6 +1.2
JCC	Vestal, Richgr	79.47	45	eP	pP	21 16 53.6 +3.7
MURC	Murrieta	79.50	48	eP	P	21 14 51.1 +0.8
BFSC	Mount Baldy Ra	79.53	47	eP	P	21 14 51.0 +0.4
GZH	Guangzhou	79.59	300	eP	S	21 14 51.5 +0.6
GZH	Guangzhou	79.59	300	eP	pmax	21 24 05.1 -1.8
KHMM	Horse Mountain	79.59	39	eP	P	21 14 52.2 +1.4
KHMM	Monument Peak	79.65	49	eP	pP	21 16 55.4 +4.0
EDW2	Edwards Air Fo	79.66	47	eP	P	21 14 51.9 +0.7
SII	Sitkinak	79.72	13	eP	P	21 14 50.9 +0.1
O02D	Mt. Diablo Mer	79.72	40	eP	P	21 14 52.9 +1.5
IKP	In-Ko-Pah, Jac	79.74	49	eP	P	21 14 52.7 +1.1
ISA	Isabella, Lake	79.78	46	eP	P	21 14 52.5 +0.7
ISA	Isabella, Lake	79.78	46	eP	pP	21 16 55.6 +3.2
NJ2	Nanjing	79.82	310	eP	pmax	21 14 52.3 +0.3
FRD	Ford Ranch, An	79.86	48	eP	P	21 14 53.3 +1.0
SRIG	Santa Rosalia	79.87	56	eP	P	21 14 53.7 +1.3
CMB	Columbia Colle	79.91	43	eP	P	21 14 52.2 -0.2
CMB	Columbia Colle	79.91	43	eP	pP	21 16 56.2 +3.1
SLBS	Sierra La Lagu	79.94	60	eP	P	21 14 53.9 +1.0
PFO	Pinyon Flats O	80.02	48	eP	P	21 14 54.2 +1.1
PFO	Pinyon Flats O	80.02	48	eP	pmax	21 14 54.3 +1.1
PFO	Pinyon Flats O	80.02	48	eP	P	21 14 53.9 +0.7
XPFO	Pison Flat	80.02	48	eP	P	21 14 54.2 +1.1
BBRC	Big Bear Solar	80.05	48	eP	P	21 14 54.2 +0.7
AFDM	Forest Hills D	80.08	42	eP	P	21 14 53.8 +0.5
WDC	Whiskeytown Da	80.12	40	eP	P	21 14 54.1 +0.8
WDC	Whiskeytown Da	80.12	40	eP	pP	21 16 57.4 +3.3
ORV	Oroville	80.12	41	eP	P	21 14 53.7 +0.3
ORV	Oroville	80.12	41	eP	pP	21 14 53.7 +0.3
ORV	Oroville	80.12	41	eP	pmax	21 14 53.7 +0.3
SWSC	Sam W. Stewart	80.12	49	eP	P	21 14 54.4 +0.8
LRMC	Laurel Mtn Rad	80.21	46	eP	P	21 14 54.7 +0.6
R02D	Trinity Center	80.26	39	eP	P	21 14 55.5 +1.3
NXXD	Edison Barstow	80.34	47	eP	P	21 14 55.3 +0.7
O03D	Paynes Creek	80.39	40	eP	P	21 14 55.4 +0.5
O03D	Paynes Creek	80.39	40	eP	P	21 14 55.3 +0.5
M02C	Callahan	80.43	39	eP	P	21 14 56.6 +1.5
L02D	Cave Junction,	80.48	38	eP	P	21 14 56.4 +1.2
CWC	Cottonwood Cre	80.48	45	eP	P	21 14 56.2 +0.6
MDPB	Devils Postpil	80.51	44	eP	P	21 14 56.6 +0.8
MDPB	Old Harbor	80.52	14	eP	pP	21 17 00.1 +3.4
OHAK	Old Harbor	80.52	14	eP	P	21 14 53.8 -1.2
OMMB	Old Mammoth Mi	80.55	44	eP	P	21 14 57.2 +1.1
BELC	Belle Mtn. Jos	80.55	48	eP	P	21 14 56.8 +0.8
MDJ	Mudanjiang	80.58	325	eP	P	21 14 51.9 -3.7
MDJ	Mudanjiang	80.58	325	eP	sP	21 17 44.3 -1.0
MDJ	Mudanjiang	80.58	325	eP	sS	21 24 16.8 +0.6
MDJ	Mudanjiang	80.58	325	eP	SS	21 27 45.1 -6.7
MDJ	Mudanjiang	80.58	325	eP	pmax	21 29 48.3 +2.1
MDJ	Mudanjiang	80.58	325	eP	pmax	21 14 56.1 +0.5
RUBR	Rubicon Trail	80.65	42	eP	P	21 14 57.7 +1.2
MPMC	Manual Prospec	80.66	46	eP	P	21 14 57.3 +0.7
MLAC	Mammoth, Mammo	80.67	44	eP	P	21 14 57.4 +0.8
GSC	Goldstone, Bar	80.71	47	eP	P	21 14 57.0 +0.4
GSC	Goldstone, Bar	80.71	47	eP	pP	21 17 00.7 +3.0
GSC	Goldstone, Bar	80.71	47	eP	pmax	21 14 57.0 +0.4
GSC	Goldstone, Bar	80.71	47	eP	P	21 14 57.3 +0.7
DAC	Darwin (Calif)	80.72	46	eP	P	21 14 57.2 +0.5
DAC	Darwin (Calif)	80.72	46	eP	P	21 14 57.3 +0.5
DAC	Darwin (Calif)	80.72	46	eP	pmax	21 14 57.3 +0.5
YBH	Yreka Blue Hor	80.73	39	eP	P	21 14 57.6 +1.0
YBH	Yreka Blue Hor	80.73	39	eP	pP	21 16 58.4 +0.8
YBH	Yreka Blue Hor	80.73	39	eP	pP	21 14 57.6 +1.0
YBH	Yreka Blue Hor	80.73	39	eP	pP	21 16 58.4 +0.8

YBH	Yreka Blue Hor	80.73	39	eP	pmax	21 14 57.6 +1.0
TIN	Tinemaha, Big	80.73	45	eP	P	21 14 57.6 +0.8
BC3	Big Chuckwalla	80.75	49	eP	P	21 14 58.0 +1.0
HEC	Hector, Ludlow	80.77	47	eP	P	21 14 57.5 +0.5
K02D	Williamette Mer	80.78	38	eP	P	21 14 57.8 +1.0
WAKR	Walker	80.79	43	eP	P	21 14 58.1 +1.0
GLA	Glamis	80.87	50	eP	P	21 14 58.9 +1.4
GLA	Glamis	80.87	50	eP	P	21 14 58.9 +1.4
J01D	Myrtle Point	80.93	37	eP	P	21 14 58.4 +0.9
BEKR	Beckworth	81.01	41	eP	P	21 14 58.8 +0.6
BEKR	Pine Nut	81.03	42	eP	pP	21 17 02.4 +3.0
PNTR	Pine Nut	81.03	42	eP	P	21 14 59.1 +0.7
VCNR	Virginia City	81.11	42	eP	P	21 15 00.1 +1.3
HUMO	Hull Mountain	81.13	38	eP	P	21 14 59.7 +1.1
HUMC	Hull Mountain	81.13	38	eP	P	21 17 00.4 +0.6
PMSA	Palmer Station	81.14	157	eP	pP	21 14 59.8 +1.6
MAW	Mawson	81.17	200	eP	P	21 14 58.8 +0.5
MAW	Mawson	81.17	200	eP	pP	21 16 58.9 -0.6
MAW	Mawson	81.17	200	eP	P	21 14 58.9 +0.6
MAW	Mawson	81.17	200	eP	P	21 14 58.9 +0.6
MAW	Mawson	81.17	200	eP	pP	21 17 01.4 +2.0
KDAD	Kodiak Island	81.19	14	eP	P	21 14 58.5 +0.1
KDAD	Kodiak Island	81.19	14	eP	pmax	21 14 58.5 +0.1
YERR	Yerriington	81.19	43	eP	P	21 14 59.6 +0.5
GMRC	Granite Mounta	81.21	48	eP	P	21 15 00.1 +0.7
IRM	Iron Mountain	81.23	48	eP	P	21 15 00.4 +1.1
L04D	Lo Kiamth Falls	81.27	39	eP	P	21 15 00.3 +0.8
GRAC	Grapevine Rang	81.27	45	eP	P	21 15 00.3 +0.9
M04C	Madocel	81.27	39	eP	P	21 15 00.3 +0.9
FURC	Furnace Creek,	81.31	46	eP	P	21 15 00.2 +0.7
TUQ	Turquoise Moun	81.38	47	eP	P	21 15 00.8 +0.6
SHOC	Shoshone, Tecco	81.39	47	eP	P	21 15 00.5 +0.4
Y12C	Blythe	81.45	49	eP	P	21 15 01.6 +1.2
Y12C	Blythe	81.45	49	eP	P	21 15 01.5 +1.1
NV01	Mina Array Sit	81.47	43	eP	P	21 15 00.9 +0.3
NVAR	Mina Array Bea	81.47	43	eP	P	21 15 01.1 +0.4
NVAR	Mina Array Bea	81.47	43	eP	pP	21 17 00.5 -1.5
113A	Mohawk Valley,	81.48	50	eP	P	21 15 01.6 +1.0
PAHR	Pah Rah Range	81.52	42	eP	P	21 15 01.4 +0.6
NV11	Mina Array Sit	81.57	44	eP	P	21 15 01.5 +0.4
NV11	Mina Array Sit	81.57	44	eP	pP	21 17 05.8 +3.3
I02D	Swisshome	81.58	36	eP	P	21 15 01.9 +1.1
I03D	Drain, OR	81.60	37	eP	P	21 15 01.7 +0.8
GRNR	Gornyy	81.63	333	eP	pmax	21 15 02.1 +1.2
GRNR	Gornyy	81.63	333	eP	pmax	21 15 02.8 +1.0
DL2	Dalian	81.73	317	eP	S	21 15 01.0 -0.6
DL2	Dalian	81.73	317	eP	S	21 24 24.8 -3.1
DL2	Dalian	81.73	317	eP	pmax	21 15 01.0 -0.6
DL2	Dalian	81.73	317	eP	pmax	21 24 24.8 -3.1
214A	Organ Pipe Nat	81.76	51	eP	P	21 15 03.2 +1.1
K04D	Chiloquin, OR	81.84	38	eP	P	21 15 03.1 +0.8
NEE2	Needles Airpor	81.92	48	eP	P	21 15 03.8 +1.0
KVN	Kaiserville	81.95	43	eP	P	21 15 03.4 +0.3
KVN	Kaiserville	81.95	43	eP	pmax	21 15 03.4 +0.3
TPNV	Topopah Spring	81.99	46	eP	P	21 15 03.9 +0.6
TPNV	Topopah Spring	81.99	46	eP	pmax	21 15 03.9 +0.6
TPNV	Topopah Spring	81.99	46	eP	P	21 15 03.9 +0.6
J04D	Umpqua Nationa	82.02	38	eP	P	21 15 04.3 +1.0
PDMC	Parker Dam, Lak	82.02	49	eP	P	21 15 04.2 +1.0
COR	Corvallis	82.18	36	eP	P	21 15 04.9 +1.1
COR	Corvallis	82.18	36	eP	pmax	21 15 04.9 +1.1
I04A	Tendick Farm,	82.19	37	eP	P	21 15 04.4 +0.4
SNY	Shenyang	82.23	320	eP	pmax	21 15 03.9 -0.2
SNY	Shenyang	82.23	320	eP	pmax	21 15 03.9 -0.2
MOD	Modoc Plateau	82.26	40	eP	P	21 15 05.2 +0.7
CN2	Changchun	82.34	323	eP	pP	21 15 04.3 -0.4
CN2	Changchun	82.34	323	eP	sP	21 17 01.8 -4.5
CN2	Changchun	82.34	323	eP	sS	21 17 55.5 -8.6
CN2	Changchun	82.34	323	eP	SS	21 24 36.4 +2.5
CN2	Changchun	82.34	323	eP	pmax	21 28 03.1 -7.7
WHN	Wuhan	82.36	307	eP	S	21 15 05.3 +0.2
WHN	Wuhan	82.36	307	eP	S	21 24 32.6 -2.0
WHN	Wuhan	82.36	307	eP	pmax	21 15 05.3 +0.2
K05A	Summer Lake	82.41	39	eP	P	21 15 06.3 +1.0
H04D	Lebanon	82.46	37	eP	P	21 15 06.2 +0.9
SHPR	Sheep Range	82.48	46	eP	P	21 15 07.7 +0.9
SHPR	Sheep Range	82.48	46	eP	pP	2

Table with columns: Station Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like MCH1, VOIR, CSS, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like VTS, SOKA, SOKA, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like PMTG, PESTR, PESTR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details. Includes stations like JIO, JFO, JJK, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like IDC, MOS, MAN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details. Includes stations like DAV, DAV, DAV, etc.

KURK	Kurchatov	59.69 327 P	P	P	21 30 57.6 -0.9
KURK	Kurchatov	59.69 327 eP	P	Pmax	21 30 57.8 -0.8
NVS	Novosibirsk	59.73 333 eP	P	Pmax	21 30 58.5 -0.3
NVS	Novosibirsk	59.73 333 eP	P	Pmax	21 30 58.5 -0.3
NVS	Novosibirsk	59.73 333 eP	P	Pmax	21 30 58.5 -0.3
NVS	Novosibirsk	59.73 333 eP	P	Pmax	21 30 58.5 -0.3
MNAS	Manas	59.81 316 P	P	Pmax	21 30 58.2 -1.6
MNAS	Manas	59.81 316 P	P	Pmax	21 30 58.2 -1.6
SEY	Seymchan	59.90 13 iP	P	P	21 31 00.0 +1.2
KBL	Kabul	59.94 307 eP	P	P	21 30 59.7 -1.2
KBL	Kabul	59.94 307 eP	P	P	21 30 59.7 -1.2
KK31	Karatay Array	61.40 316 eP	P	P	21 31 09.7 -0.7
KK31	Karatay Array	61.40 316 eP	P	P	21 31 09.7 -0.7
KKAR	Karatay Array	61.40 316 eP	P	P	21 31 09.7 -0.7
KKAR	Karatay Array	61.40 316 eP	P	P	21 31 09.7 -0.7
OTUK	Ortayu	62.16 322 P	P	Pmax	21 31 14.9 -0.5
DCZ	Deep Cove	62.82 149 eP	P	P	21 31 19.9 +0.2
FOZ	Fox Glacier	62.96 146 eP	P	P	21 31 21.5 +0.8
PYZ	Puysegur Point	63.06 150 eP	P	P	21 31 22.0 +0.7
MLZ	Mavora Lakes	63.25 148 eP	P	P	21 31 22.8 +0.1
WHZ	Wether Hill Ro	63.52 149 eP	P	P	21 31 24.4 0.0
THZ	Tophouse	63.66 143 eP	P	P	21 31 25.2 -0.3
LBT	Lake Benmore	63.72 146 eP	P	P	21 31 26.0 +0.3
RPZ	Rata Peaks	63.77 145 P	P	P	21 31 26.1 0.0
RPZ	Rata Peaks	63.77 145 P	P	P	21 31 26.1 0.0
RPZ	Rata Peaks	63.77 145 P	P	P	21 31 26.1 0.0
RAO	Raoul Island	63.89 127 LR	LR	LR	21 59 45.1
RAO	Raoul Island	63.89 127 LR	LR	LR	21 59 45.1
LTZ	Lake Taylor	63.90 144 eP	P	P	21 31 27.5 +0.5
OXZ	Oxford	64.09 145 eP	P	P	21 31 28.5 +0.3
URZ	Urewera	64.39 138 P	P	P	21 31 30.3 +0.1
URZ	Urewera	64.39 138 P	P	P	21 31 30.3 +0.1
URZ	Urewera	64.39 138 P	P	P	21 31 30.3 +0.1
URZ	Urewera	64.39 138 P	P	P	21 31 30.3 +0.1
AFI	Afiamaalu	64.41 108 LR	LR	LR	21 55 39.8
AFI	Afiamaalu	64.41 108 LR	LR	LR	21 55 39.8
AFI	Afiamaalu	64.41 108 LR	LR	LR	21 55 39.8
AFI	Afiamaalu	64.41 108 LR	LR	LR	21 55 39.8
KHZ	Kahutar	64.43 143 eP	P	P	21 31 31.0 +0.6
BKZ	Black Stump Fm	64.46 139 eP	P	P	21 31 31.3 +0.5
BRVK	Borovoy	65.35 327 eP	P	P	21 31 35.5 -0.8
BRVK	Borovoy	65.35 327 eP	P	P	21 31 35.5 -0.8
BRVK	Borovoy	65.35 327 eP	P	P	21 31 35.5 -0.8
BRVK	Borovoy	65.35 327 eP	P	P	21 31 35.5 -0.8
TIXI	Tiksi	65.59 1 eP	P	P	21 31 37.0 -0.4
TIXI	Tiksi	65.59 1 eP	P	P	21 31 37.0 -0.4
TIXI	Tiksi	65.59 1 eP	P	P	21 31 37.0 -0.4
WSAR	Wadi Sarin	67.28 293 P	P	P	21 31 47.5 -1.6
NRID	Norid	67.76 293 P	P	P	21 31 50.7 -1.4
BIRD	Birdi' sk	68.17 346 P	P	P	21 31 54.7 +0.9
NRIK	Norik	68.27 308 P	P	P	22 03 45.5
GEYT	Geit	69.27 308 P	P	P	21 32 00.5 -0.8
BANOM	Banah	69.55 295 P	P	P	21 32 02.8 -0.5
UOSS	UOSS	69.59 294 P	P	P	21 32 02.8 -0.5
UOSS	UOSS	69.59 294 P	P	P	21 32 02.8 -0.5
HATD	Hatta, Dubai	69.65 294 P	P	P	21 32 02.8 -0.5
HATD	Hatta, Dubai	69.65 294 P	P	P	21 32 02.8 -0.5
SHME	Shamm	69.70 295 P	P	P	21 32 04.2 0.0
ASHO	Ashtiyah	69.71 294 P	P	P	21 32 03.0 -1.3
ALNE	Al Ain	69.96 293 P	P	P	21 32 04.8 -1.0
NAZ	Nazwa, Dubai	70.08 294 P	P	P	21 32 05.8 -0.7
ABKAR	Abkarak array	70.23 320 eP	P	P	21 32 05.8 -1.1
ASUD	Al Ashush, Dub	70.37 294 P	P	P	21 32 07.4 -0.9
ASUD	Al Ashush, Dub	70.37 294 P	P	P	21 32 07.4 -0.9
WHFO	Wadi Hawf	71.71 287 P	P	P	21 32 15.3 -1.2
SVE	Sverdlowski	71.89 328 eP	P	P	21 32 16.2 -0.6
SVE	Sverdlowski	71.89 328 eP	P	P	21 32 16.2 -0.6
SVE	Sverdlowski	71.89 328 eP	P	P	21 32 16.2 -0.6
MZR	Muzera	72.01 292 iP	P	P	21 32 18.1 -0.1
ARU	Arti	72.88 327 eP	P	P	21 32 21.6 -1.2
ARU	Arti	72.88 327 eP	P	P	21 32 21.6 -1.2
ARU	Arti	72.88 327 eP	P	P	21 32 21.6 -1.2
CASY	Casey	73.02 187 eP	P	P	21 32 23.3 0.0
KIP	Kipapa	74.39 70 eP	P	P	21 32 34.0 +1.8
KIP	Kipapa	74.39 70 eP	P	P	21 32 34.0 +1.8
SVW2	Sparrevoehn	78.96 29 eP	P	P	21 32 57.9 +0.7
GROC	Groznyy	79.10 313 eP	P	P	21 32 57.4 -0.9
GROC	Groznyy	79.10 313 eP	P	P	21 32 57.4 -0.9
GROC	Groznyy	79.10 313 eP	P	P	21 32 57.4 -0.9
GROC	Groznyy	79.10 313 eP	P	P	21 32 57.4 -0.9
RAYN	Ar Rayn	79.34 293 eP	P	P	21 32 58.5 -1.6
RAYN	Ar Rayn	79.34 293 eP	P	P	21 32 58.5 -1.6
RAYN	Ar Rayn	79.34 293 eP	P	P	21 32 58.5 -1.6
RAYN	Ar Rayn	79.34 293 eP	P	P	21 32 58.5 -1.6
OHAK	Old Harbor	79.71 33 eP	P	P	21 33 01.2 -0.1
GNI	Garni	79.82 310 eP	P	P	21 33 02.1 -0.4
GNI	Garni	79.82 310 eP	P	P	21 33 02.1 -0.4
GNI	Garni	79.82 310 eP	P	P	21 33 02.1 -0.4
GNI	Garni	79.82 310 eP	P	P	21 33 02.1 -0.4
TBLG	Delisi	79.85 311 eP	P	P	21 33 02.4 -0.1
TBLG	Delisi	79.85 311 eP	P	P	21 33 02.4 -0.1
TBLG	Delisi	79.85 311 eP	P	P	21 33 02.4 -0.1
TBLG	Delisi	79.85 311 eP	P	P	21 33 02.4 -0.1
KDAK	Kodiak Island	80.14 32 eP	P	P	21 33 04.4 +0.9
KDAK	Kodiak Island	80.14 32 eP	P	P	21 33 04.4 +0.9
KDAK	Kodiak Island	80.14 32 eP	P	P	21 33 04.4 +0.9
KDAK	Kodiak Island	80.14 32 eP	P	P	21 33 04.4 +0.9
PRGR	Permogore	80.38 331 iP	P	P	21 33 04.3 -0.5
PRGR	Permogore	80.38 331 iP	P	P	21 33 04.3 -0.5
PRGR	Permogore	80.38 331 iP	P	P	21 33 04.3 -0.5
PRGR	Permogore	80.38 331 iP	P	P	21 33 04.3 -0.5
IM3	Indian Moutai	80.40 24 eP	P	P	21 33 05.2 +0.3

ZEI	Tsey	80.48 312 eP	P	Pmax	21 33 02.0 -4.1
ZEI	Tsey	80.48 312 eP	P	Pmax	21 33 02.0 -4.1
NCK	Naichik	80.72 313 eP	P	Pmax	21 33 06.3 -0.8
NCK	Naichik	80.72 313 eP	P	Pmax	21 33 06.3 -0.8
PPLA	Purkeypile	80.75 27 eP	P	P	21 33 07.6 +0.6
AKH	Akhalkalaki	80.78 311 eP	P	P	21 33 08.1 +0.5
AKH	Akhalkalaki	80.78 311 eP	P	P	21 33 08.1 +0.5
AKH	Akhalkalaki	80.78 311 eP	P	P	21 33 08.1 +0.5
CAST	Castle Rocks	80.84 27 eP	P	P	21 33 06.9 -0.4
SKT	Skwentna	80.98 28 eP	P	P	21 33 07.9 -0.2
GOF	Goitskoye	81.13 315 eP	P	Pmax	21 33 04.4 -4.8
GOF	Goitskoye	81.13 315 eP	P	Pmax	21 33 04.4 -4.8
BRLK	Bradley Lake	81.15 31 eP	P	P	21 33 09.0 0.0
KBZ	Khabaz	81.22 313 P	P	P	21 33 09.2 -0.5
KBZ	Khabaz	81.22 313 P	P	P	21 33 09.2 -0.5
KBZ	Khabaz	81.22 313 P	P	P	21 33 09.2 -0.5
SUA	Susitna One	81.32 29 eP	P	P	21 33 10.1 +0.1
NEY	Neyritino	81.35 313 eP	P	Pmax	21 33 12.1 +1.5
NEY	Neyritino	81.35 313 eP	P	Pmax	21 33 12.1 +1.5
KTH	Kantishna Hill	81.38 27 eP	P	P	21 33 10.8 +0.6
KIV	Kislovodsk A	81.38 313 eP	P	P	21 33 11.0 +0.4
KIV	Kislovodsk B	81.38 313 iP	P	P	21 33 11.1 +0.4
KIV	Kislovodsk C	81.38 313 eP	P	Pmax	21 33 11.0 +0.4
BPWA	Bear Paw Mtn.	81.39 26 eP	P	P	21 33 11.0 +0.9
MLY	Manly	81.56 25 eP	P	P	21 33 12.1 +1.0
TRF	Thorofare Moun	81.56 27 eP	P	P	21 33 12.1 +0.3
RC01	Rabbit Creek A	81.79 29 eP	P	P	21 33 12.0 -0.3
ABPO	Ambohimpalom	81.81 250 eP	P	P	21 33 12.5 -1.0
ABPO	Ambohimpalom	81.81 250 eP	P	Pmax	21 33 12.5 -1.0
COLD	Coldfoot	81.92 23 eP	P	P	21 33 14.5 +1.6
VRH	Novokhoporsky	82.05 321 eP	P	Pmax	21 33 12.0 -1.9
VRH	Novokhoporsky	82.05 321 eP	P	Pmax	21 33 12.0 -1.9
PMR	Palmer	82.10 29 eP	P	P	21 33 14.0 +0.1
PMR	Palmer	82.10 29 eP	P	P	21 33 14.0 +0.1
PMR	Palmer	82.10 29 eP	P	P	21 33 14.0 +0.1
TOLK	Toolik Lake Re	82.25 22 eP	P	P	21 33 16.0 +1.3
TOLK	Toolik Lake Re	82.25 22 eP	P	P	21 33 16.0 +1.3
MCK	McKinley	82.27 27 eP	P	P	21 33 15.3 +0.5
RND	Reindeer	82.29 27 eP	P	P	21 33 15.1 +0.1
RND	Reindeer	82.29 27 eP	P	Pmax	21 33 15.1 +0.1
RND	Reindeer	82.29 27 eP	P	Pmax	21 33 15.1 +0.1
MDM	Murphy Dome	82.62 25 eP	P	P	21 33 17.0 +0.4
WRH	Wood River Hill	82.66 26 eP	P	P	21 33 17.1 +0.3
COLA	College	82.78 25 eP	P	P	21 33 17.3 0.0
COLA	College	82.78 25 eP	P	Pmax	21 33 17.3 0.0
COLA	College	82.78 25 eP	P	Pmax	21 33 17.3 0.0
CCB	Clear Creek Bu	82.79 26 eP	P	P	21 33 17.5 +0.1
DHY	Denali Highway	82.96 27 eP	P	P	21 33 19.8 +1.2
HDA	Harding Lake	83.16 26 eP	P	P	21 33 18.8 -0.6
IL1	Eielson Array	83.19 26 eP	P	P	21 33 18.5 -1.0
ILAR	Eielson Array	83.19 26 eP	P	P	21 33 18.4 -1.1
ILAR	Eielson Array	83.19 26 eP	P	P	21 33 18.4 -1.1
ILAR	Eielson Array	83.19 26 eP	P	P	21 33 18.4 -1.1
ILB	Eielson Array	83.19 26 eP	P	P	21 33 18.6 -2.1
SOC	Sochi	83.53 313 eP	P	P	21 33 47.5 -1.1
SOC	Sochi	83.53 313 eP	P	P	21 36 32.4
SOC	Sochi	83.53 313 eP	P	P	21 38 26.5
SOC	Sochi	83.53 313 eP	P	P	21 43 28.4 -6.9
SOC	Sochi	83.53 313 eP	P	P	21 49 04.7 +0.7
VORD	Divnogorie	83.59 321 eP	P	P	21 33 20.5 -1.3
VORD	Divnogorie	83.59 321 eP	P	Pmax	21 33 20.5 -1.3
VSR	Storozhevoye	83.66 321 eP	P	Pmax	21 33 20.3 -1.9
DIV	Divide	83.71 29 eP	P	P	21 33 23.7 +1.3
LPSR	Galich'ya Gora	83.77 322 eP	P	P	21 33 22.0 -0.7
LPSR	Galich'ya Gora	83.77 322 eP	P	Pmax	21 33 22.0 -0.7
FYU	Fort Yukon	83.87 24 eP	P	P	21 33 24.4 +1.5
HARP	HAARP	83.98 28 eP	P	P	21 33 25.3 +1.7
RIDG	Independence Rid	84.09 27 eP	P	P	21 33 24.4 +0.2
BMRM	Bremner River	84.29 29 eP	P	P	21 33 25.9 +0.7
MOS	Moscow	84.42 325 eP	P	P	21 33 24.6 -1.3
MOS	Moscow	84.42 325 eP	P	P	21 33 49.7 -3.1
MOS	Moscow	84.42 325 eP	P	P	21 43 36.3 -3.9
SCRK	Sand Creek	84.46 26 eP	P	P	21 33 26.5 +0.3
OBN	Obninsk	85.05 325 eP	P	P	21 33 28.5 -0.6
OBN	Obninsk	85.05 325 eP	P	P	21 33 27.9 -1.2
OBN	Obninsk	85.05 325 eP	P	P	21 33 54.3 -1.7
OBN	Obninsk	85.05 325 eP	P	P	21 38 44.8
ANN	Anapa	85.12 314 eP	P	P	21 33 27.9 -1.8
ANN	Anapa	85.12 314 eP	P	P	21 33 53.4 -3.2
TGL	Tana Glacier	85.16 30 eP	P	P	21 33 30.2 +0.4
BALM	Baldy	85.38 29 eP	P	P	21 33 32.2 +1.3
EGAK	Eagle	85.64 25 eP	P	P	21 33 32.5 +0.6
EGAK	Eagle	85.64 25 eP	P	P	21 33 56.0 -2.8
APA	Apatity	85.66 337 iP	P	P	21 33 25.9 -6.0
APA	Apatity	85.66 337 iP	P	P	21 34 03.0 +4.1
APA	Apatity	85.66 337 iP	P	P	21 43 40.0 -7.7
APA	Apatity	85.66 337 iP	P	P	21 43 57.0
VNDA	Vanda	85.70 173 P	P	P	21 33 31.9 +0.1
VNDA	Vanda	85.70 173 P	P	P	2

20d 21h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KECS, TBLU, NC405, etc.

2012 SEP

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like F40E, P4EJ, E41A, etc.

1146

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like T42A, T42B, MIAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like V50A Pikeville, U51A La Follette, A474 Carrollton, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CPUP comp=2.9,0nm,0.9s, MNMC Minye Minye, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISCBJ 20:22:19.29,6.0,5,13:52N,0:03:120:53E, etc.

Table with columns: ARU, WRAB, WBA, WBR2, ABKAR, YKUZ, INK, MBWA, ASO1, AS31, ASAR, SPAO, HMDM, ARCES, STKA, YKA, FINES, KBZ, AKASG, NB2, NOA, BRTR, KVN, NVAR, IMW, FLWY, GERES, PDAR, ULM, PV10, TORO, BOS, SAML, LPAZ, LPAZ. Includes station names, coordinates, and time/res data.

SJA 21 00:07:58.31, 0.30, 96S:67.44W, h20km, 8km, ML3.6, MW3.7

ISC 21 00:07:58.01, 3.30, 90S:05.67, 50W:0.04, h12km, 11km, n13, i1973/21, 1D, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like AMOG, RTLL, APLL, ZON, RVCV, ACAN, RTLS, ASAL, GO04, CMCH, CLCH, ROCH, etc.

IDC 21 00:12:46.61, 1.6, 101AN:126.68E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.636, mbtm3.8/8, Error ellipse: s-maj=1.79, 6km s-min=1.73km az=68.0

ISC/B 21 00:12:50.8, 0.7, 10.32N:0.06, 126.61E:0.06, h44km, mb3.9/8, Error ellipse: s-maj=9.4km s-min=8.2km az=14.7

MAN 21 00:12:50.1, 10.32N:126.61E, h25km, mb5.2, ML4.1, MS4.3

ISC 21 00:12:52.7, 1.0, 10.31N:0.06, 126.6E:0.1, h44km, n15, o989/17, mb3.9/8, 2C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SCPH, BUTP, MSLP, BESP, PLP, BUKP, RCP, WRA, ASAR, STKA, MKAR, ZALV, KURBB, ARCES, FINES.

KRSC 21 00:13:49.7, 2.1, 49.33N:156.85E, h9km, 41km, ML3.9, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SKR, KDR, MIPR, RUS, RUS, KRM.

Table with columns: KRM, AVH, KOK, KRE, SDR, SFL, GNL, SPN, MKZ, KBTR. Lists stations like Avacha, Koryaka, Koryakskii, Sedlovina, Mys Shipunskii, Ganaly, Mys Kozlova, Kryoberegovo.

MEX 21 00:20:13.0, 0.4, 16.12N:97.02W, h8km, 7km, MD3.6, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like HUIG, Vista Hermosa, Pinotepa.

ISC/B 21 00:30:42.8, 0.3, 8.42S:0.04, 121.21E:0.04, h33km, mb4.4/17, MS3.3/8, Error ellipse: s-maj=6.9km s-min=4.1km az=145.4

NEIC 21 00:30:43.2, 8.34S:121.24E, h29km, 20km, mb4.4/7, Error ellipse: s-maj=1.7km s-min=1.7km az=51.0

DJA 21 00:30:44.2, 0.5, 8.3S:121.2E, h13km, 5km, M4.5/12, mb4.7/3, MLV4.4/12

IDC 21 00:30:52.4, 2.1, 8.33S:121.46E, h102km, 18km, mb3.8/10, mb1 3.9/12, mb1mx3.7/33, mbtm4.2/12, MS3.4/13, Ms1 3.4/13, ms1mx3.1/36, Error ellipse: s-maj=32.5km s-min=10.5km az=60.0

ISC 21 00:30:45.0, 0.5, 8.39S:0.04, 121.39E:0.05, h35km, n61, o2509/60, mb4.4/17, MS3.5/8, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like EDFI, MMRI, WSI, WBSI, BATI, BATI, BAI, BBSI, SOEI, BKSI, PLAI, BNSI, TTSI, JWAG, LUWI, FITZ.

FITZ 0.8nm, 0.3s, baz=197, slow=12, SNR=6.0

FITZ 0.2nm, 1.5nm, 18.7s, baz=337, slow=38

MTN 1.2nm, 1.5nm, 18.7s, baz=337, slow=38

MTN 1.2nm, 1.5nm, 18.7s, baz=337, slow=38

DAV 0.2nm, 2.1nm, 20.1s, baz=56, slow=39

WRA 0.4nm, 0.3s, baz=30, slow=13, SNR=17

WRA 0.4nm, 0.3s, baz=294, slow=23, SNR=9.2

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

WRAB 0.2nm, 1.5nm, 19.2s, baz=280, slow=41

BRTR Keskin Array B 93.58 309 P P 00 43 56.1 -1.8

BCWM Chevs Ridge 116.67 54 ePKPdf PKPdf 00 49 25.6 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like MEX 21 00:34:17.3, 0.3, 14.03N:92.42W, h23km, 25km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PCIG, CCIG, TGIG, TGIG. Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like MNAI, MNAI, MASI, LHAI, LHSI, KASI, PPSI, CGJI. Northern Sumatera

ISK 21 00:48:51.4, 36.69N:36.71E, h12km, 2km, ML2.2/4

DDA 21 00:48:51.5, 36.70N:36.64E, h7km, M2.6

ISC/B 21 00:48:52.0, 0.6, 36.74N:0.04, 36.62E:0.14, h5km, 8km, Error ellipse: s-maj=6.3km s-min=4.7km az=154.3

ISC 21 00:48:51.9, 1.3, 36.70N:0.04, 36.67E:0.03, h16km, 14km, n11, o876/18, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KUZU, TAHT, TAHT, GAZ, YAVL, KMRS, YURE, ANDN, KRIS, SAIM, SURC, AKCD.

IDC 21 00:48:57.0, 8.9, 14.20S:167.17E, h136km, 80km, mb3.4/3, mb1 3.6/4, mb1mx3.2/26, mbtm3.8/4, MS3.3/1, Ms1 3.3/1, ms1mx6.2/13, Error ellipse: s-maj=68.6km s-min=43.8km az=171.0, Vanuatu Islands

DZM 0.6nm, 0.3s, baz=190, slow=15, SNR=5.7

DZM 0.3nm, 0.3s, baz=129, slow=24, SNR=2.4

AFK 0.2nm, 2.9nm, 21.3s, baz=18, slow=31

STKA 1.4nm, 0.4s, baz=40, slow=7.9, SNR=5.8

WRA 0.7nm, 0.7s, baz=77, slow=9.2, SNR=10

ASAR 0.2nm, 0.9s, baz=61, slow=3.0, SNR=6.4

MAN 21 00:52:36.1, 9.67N:126.90E, h15km, mb4.5, ML3.4, MS3.3, 2C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SCPH, BUTP, MSLP, MSLP, PAGZ, GUIM, RCP.

MEX 21 01:00:49.4, 0.7, 16.27N:98.19W, h18km, 8km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PNIG, TLIG, TLIG, MEIG.

RSNC 21 01:11:06.7, 0.9, 2.26N:80.12W, h32km, 20km, ML3.6, Mw3.5

IGQ 21 01:11:13.9, 0.9, 2.2N:8.0W, h5km, MLv4.3/3

ISC 21 01:11:22.2, 9.1, 1.87N:0.10, 79.6W:0.1, h6km, 16km, n39, o1975/45, 1C, Near coast of Ecuador

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

PAC1 1.80 152 P Pn 01 11 42.9 -1.1

PAC1 1.80 152 P Pn 01 11 42.9 -1.1

PAC1 1.80 152 P Pn 01 11 42.9 -1.1

PAC1 1.80 152 P Pn 01 11 42.9 -1.1

PAC1 1.80 152 P Pn 01 11 42.9 -1.1

PAC1 1.80 152 P Pn 01 11 42.9 -1.1

PAC1 1.80 152 P Pn 01 11 42.9 -1.1

YNG	Young	comp=Z,105nm,1.5s	27.53 245	P	P	03 30 51.8 +0.3
MILA	Mila	baz=28,SNR=6.8	27.54 239	P	P	03 30 51.9 +0.3
CMSA	Cobar Meteorol	baz=29,SNR=22	29.49 251	P	P	03 31 07.8 -0.6
CTA	Charters Tower	baz=30,SNR=71	30.36 274	P	P	03 31 15.6 -0.5
CTA	Charters Tower	comp=Z,102nm,0.5s,baz=98,slow=10,SNR=158	30.36 274	ScP	ScP	03 36 51.6 +6.7
CTAO	Charters Tower	comp=Z,18nm,0.9s,baz=137,slow=2,SNR=17	30.36 274	eP	P	03 31 15.6 -0.5
CTAO	Charters Tower	comp=Z,102nm,0.5s,baz=98,slow=10,SNR=158	30.36 274	eP	P	03 31 15.6 -0.5
TOOLANG	Toolang	baz=30,SNR=39	30.50 229	P	P	03 31 17.0 -0.1
MOO	Mooralands	baz=31,SNR=8.1	30.75 239	P	P	03 31 19.5 +0.4
TAU	Tasmania Univ	baz=31,SNR=8.1	30.86 228	eP	P	03 31 19.3 -0.6
TAU	Tasmania Univ	baz=31,SNR=8.1	30.86 228	eP	P	03 31 19.3 -0.6
QLP	Outlipie	baz=31,SNR=38	30.91 261	P	P	03 31 19.8 -0.8
MTSU	Mount Surprise	baz=33,SNR=103	32.71 276	P	P	03 31 35.7 -0.4
STKA	Stephens Creek	comp=Z,34nm,0.5s,baz=96,slow=12,SNR=47	32.99 251	ScP	ScP	03 31 37.8 -0.5
STKA	Stephens Creek	comp=Z,5.9nm,0.7s,baz=92,slow=6.2,SNR=7.7	32.99 251	eP	P	03 31 37.9 -0.5
STKA	Stephens Creek	comp=Z,32nm,0.8s,baz=138,slow=6.4,SNR=5.5	32.99 251	eP	P	03 31 37.9 -0.5
STKA	Stephens Creek	comp=Z,18nm,1.3s	32.99 251	eP	P	03 31 37.7 -0.5
STKA	Stephens Creek	comp=Z,18nm,1.3s	32.99 251	eP	P	03 31 37.7 -0.5
STKA	Stephens Creek	comp=Z,18nm,1.3s	32.99 251	eP	P	03 31 37.7 -0.5
ARPS	Mount Arapiles	baz=33,SNR=16	33.21 242	P	P	03 31 39.7 -0.4
PMG	Port Moresby	comp=Z,32nm,0.8s,baz=138,slow=6.4,SNR=5.5	34.04 293	eP	P	03 31 45.9 -1.2
PMG	Port Moresby	comp=Z,44nm,0.9s	34.04 293	eP	P	03 31 46.0 -1.2
PMG	Port Moresby	comp=Z,44nm,0.9s	34.04 293	eP	P	03 31 46.0 -1.2
HTT	Hallett	comp=Z,44nm,0.9s	35.28 248	P	P	03 31 56.7 -0.7
COEN	Coen	baz=35,SNR=39	35.30 282	P	P	03 31 57.2 -0.5
COEN	Coen	baz=35,SNR=23	35.30 282	eP	P	03 31 57.1 -0.6
QIS	Mount Is	comp=Z,38nm,0.8s	36.23 270	P	P	03 32 04.1 -1.2
BBOO	Bucklebo	baz=38,SNR=21	37.68 249	P	P	03 32 15.8 -1.3
BBOO	Bucklebo	comp=Z,50nm,0.7s	37.68 249	eP	P	03 32 15.6 -1.5
AS01	Alice Springs	comp=Z,50nm,0.3s,baz=93,slow=7.9,SNR=543	40.62 263	P	P	03 32 38.8 -1.6
ASAR	Alice Springs	comp=Z,50nm,0.3s,baz=93,slow=7.9,SNR=543	40.62 263	P	P	03 32 39.9 -0.9
ASAR	Alice Springs	comp=Z,3.5nm,0.7s,baz=110,slow=4.1,SNR=9.5	40.62 263	ScP	ScP	03 37 27.6 +5.0
ASAR	Alice Springs	comp=Z,3.5nm,0.7s,baz=110,slow=4.1,SNR=9.5	40.62 263	ScP	ScP	03 37 27.6 +5.0
WB2	Warramunga Arr	comp=Z,1.5nm,0.8s,baz=100,slow=16,SNR=7.0	41.14 269	eP	P	03 32 42.3 -2.6
WRAB	Tennant Creek	comp=Z,29nm,0.3s	41.14 269	eP	P	03 32 43.5 -1.5
WRAB	Tennant Creek	comp=Z,29nm,0.3s	41.14 269	eP	P	03 32 43.5 -1.5
WRAB	Tennant Creek	comp=Z,29nm,0.3s	41.14 269	eP	P	03 32 43.5 -1.5
WRA	Warramunga Arr	comp=Z,34nm,0.4s,baz=100,slow=6.1,SNR=414	41.15 269	ScP	ScP	03 32 43.5 -1.5
WRA	Warramunga Arr	comp=Z,1nm,0.8s,baz=104,slow=4.0,SNR=19	41.15 269	ScP	ScP	03 37 30.5 +5.7
WRA	Warramunga Arr	comp=Z,5.2nm,0.8s,baz=98,slow=15,SNR=9.8	41.15 269	ScP	ScP	03 38 15.2 -2.0
WRA	Warramunga Arr	comp=Z,5.2nm,0.8s,baz=98,slow=15,SNR=9.8	41.15 269	ScP	ScP	03 38 15.2 -2.0
WRA	Warramunga Arr	comp=Z,5.2nm,0.8s,baz=98,slow=15,SNR=9.8	41.15 269	ScP	ScP	03 38 15.2 -2.0
JAY	Jayapura	comp=Z,1.9nm,0.5s,baz=40,slow=4.0,SNR=14	43.20 296	P	P	03 32 60.0 -1.1
JAY	Jayapura	comp=Z,1.9nm,0.5s,baz=40,slow=4.0,SNR=14	43.20 296	P	P	03 32 58.9 -2.2
JAY	Jayapura	comp=N,197nm,0.8s	43.20 296	P	P	03 33 00.0 -1.1
FORT	Forrest	comp=Z,13nm,0.5s	44.60 251	P	P	03 33 10.2 -1.5
KDU	Kakadu	baz=45,SNR=88	45.32 278	P	P	03 33 15.8 -1.5
WRKA	Warakurna	baz=45,SNR=26	45.33 259	P	P	03 33 16.2 -1.1
MTN	Manton Dam	baz=45,SNR=101	46.46 277	P	P	03 33 24.5 -1.1
KNR	Kunurra	baz=46,SNR=9.7	47.54 272	P	P	03 33 33.5 -0.6
FITZ	Fitzroy Crossi	baz=48,SNR=82	49.55 268	P	P	03 33 48.3 -0.6
FITZ	Fitzroy Crossi	comp=Z,64nm,0.6s,baz=105,slow=6.0,SNR=155	49.55 268	P	P	03 35 29.9 -6.2
FITZ	Fitzroy Crossi	comp=Z,9.9nm,1.1s,baz=85,slow=5.2,SNR=2.6	49.55 268	P	P	03 33 48.3 -0.6
FITZ	Fitzroy Crossi	baz=50,SNR=93	49.55 268	P	P	03 33 48.3 -0.6
FITZ	Fitzroy Crossi	comp=Z,57nm,0.6s	49.55 268	eP	P	03 33 48.2 -0.8
FAKI	Fak Fak	comp=Z,7nm,0.8s	50.02 289	eP	P	03 35 29.9 -6.2
FAKI	Fak Fak	comp=Z,7nm,0.8s	50.02 289	eP	P	03 33 50.4 -2.0
FAKI	Fak Fak	comp=Z,7nm,0.8s	50.02 289	eP	P	03 33 50.8 -1.6
POHA	Pohakuloa	51.66 31	eP	P	03 34 04.3 -0.1	
MHA	Mahukona	51.66 31	eP	P	03 34 06.5 +1.0	
MHA	Mahukona	51.66 31	eP	P	03 34 06.5 +1.0	
SLIJ	Sorong	comp=Z,53nm,0.6s,baz=94,slow=6.1,SNR=19	51.94 291	P	P	03 34 05.3 -0.9
SWI	Soron	comp=Z,21nm,0.5s	51.94 291	P	P	03 34 05.0 -1.3
VNDA	Vanda	comp=Z,2.4nm,0.7s,baz=349,slow=8.7,SNR=8.7	52.49 185	eP	P	03 34 10.2 +0.9
VNDA	Vanda	comp=Z,4.1nm,0.9s	52.49 185	eP	P	03 34 10.3 +1.1
VNDA	Vanda	comp=Z,4.1nm,0.9s	52.49 185	eP	P	03 34 10.3 +1.1
SBA	Scott Base	comp=Z,4.0nm,0.9s	52.52 183	eP	P	03 34 10.6 +1.2
SBA	Scott Base	comp=Z,22nm,0.9s	52.52 183	eP	P	03 34 10.6 +1.2
SBA	Scott Base	comp=Z,22nm,0.9s	52.52 183	eP	P	03 34 10.6 +1.2
KLBR	Kellerberrin	comp=Z,21nm,0.9s	53.22 249	P	P	03 34 14.2 -1.1
MEEK	Meekatharra	baz=53,SNR=17	53.49 255	P	P	03 34 15.4 -1.8
SOEI	Soe	comp=Z,72nm,0.9s	53.86 277	P	P	03 34 19.4 -0.7
SOEI	Soe	comp=Z,72nm,0.9s	53.86 277	P	P	03 34 20.8 +0.7
MBWA	Marble Bar	comp=Z,49nm,0.8s	53.93 262	eP	P	03 34 19.0 -1.3
BATI	Baumata	comp=Z,19nm,0.6s	54.21 276	P	P	03 34 22.9 +0.4
BLDU	Ballidu	comp=Z,41nm,0.5s,baz=143,slow=5.1,SNR=5.1	54.28 250	P	P	03 34 21.4 -1.3
MORW	Morawa	baz=54,SNR=27	55.17 251	P	P	03 34 27.8 -1.1
EDFI	Ende, Flores	comp=Z,59nm,0.6s,comp=Z,25m	56.59 277	P	P	03 34 38.0 -1.0
GIRL	Giralia	baz=58,SNR=6.4	58.39 258	P	P	03 34 50.4 -0.5
BKSI	Bulukumba	59.47 279	P	P	03 34 58.1 -0.2	
BNSI	Bone	59.90 280	P	P	03 35 00.0 -1.1	
PLAI	Plampang	60.07 275	P	P	03 35 01.5 -0.8	
MPSI	Magapa	62.31 285	P	P	03 35 15.5 -1.4	
BLJI	Banyuglor	64.28 274	P	P	03 35 28.7 -0.8	
QSPA	South Pole Qui	comp=Z,8.0nm,0.5s,baz=44,slow=0.3,SNR=44	64.39 180	eP	P	03 35 30.6 +1.2
QSPA	South Pole Qui	comp=Z,8.0nm,0.5s,baz=44,slow=0.3,SNR=44	64.39 180	eP	P	03 35 30.9 +1.2
GRJI	Gresik	65.63 274	P	P	03 35 38.5 +0.5	
PWJI	Pagerowo	comp=Z,123nm,0.7s,comp=Z,11m	65.78 273	P	P	03 35 38.0 -0.9
MTKI	Muara Tehew, K	66.10 281	P	P	03 35 39.8 -1.1	
PCJI	Pacitan	66.27 272	P	P	03 35 41.3 -0.6	

STKI	Sintang	69.59 280	P	P	03 36 00.9 -1.2	
LEM	Lembang	70.05 272	P	P	03 36 05.1 +0.1	
MAW	Mawson	75.65 201	P	P	03 36 36.7 +0.8	
MAW	Mawson	comp=Z,29nm,0.5s,baz=109,slow=14,SNR=4.1	75.65 201	P	P	03 36 35.8 0.0
MAW	Mawson	baz=76,SNR=4.8	75.65 201	eP	P	03 36 36.9 +1.0
MAW	Mawson	comp=Z,3.1nm,1.2s	75.65 201	eP	P	03 36 36.9 +1.0
PMSA	Palmer Station	77.12 157	P	P	03 36 48.3 +1.2	
PMSA	Palmer Station	comp=Z,9.1nm,0.7s,baz=192,slow=6.4,SNR=5.1	77.12 157	eP	P	03 36 53.3 -0.5
KSAR	Korea Array	78.99 321	P	P	03 36 53.3 -0.6	
KSAR	Wonju Array Be	78.99 321	P	P	03 36 53.3 -0.6	
PDSI	Padang	79.01 274	P	P	03 36 54.1 -1.0	
YSS	Yuzh-Sakhalins	79.28 336	eP	P	03 36 56.9 +1.2	
PETK	Petrovsk	80.58 347	P	P	03 37 02.8 +0.5	
NJ2	Nanjing	comp=Z,7.2nm,0.6s,baz=134,slow=6.7,SNR=12	80.97 312	eP	P	03 37 04.6 -0.2
SYO	Syowa Base	comp=Z,12nm,0.6s	80.99 194	P	P	03 37 04.1 -0.2
USRK	Ussuriysk Ar.	81.65 328	P	P	03 37 08.6 +0.6	
PSI	Prapost	comp=Z,2.6nm,0.6s,baz=118,slow=3.4,SNR=6.6	82.02 277	eP	P	03 37 10.0 -0.8
GSI	Gungunigstol	comp=Z,9.5nm,1.0s	82.57 275	P	P	03 37 12.6 -0.8
SNA	Sanae	82.89 180	eP	P	03 37 14.5 +0.4	
SNA	Sanae	82.89 180	eP	P	03 37 14.4 +0.4	
SNA	Sanae	comp=Z,6.0nm,0.6s	82.89 180	eP	P	03 37 14.4 +0.4
VNA3	Neumayer Ol ymp	83.14 177	P	P	03 37 15.4 +0.2	
VNA2	Neumayer-Watz	83.54 178	P	P	03 37 17.7 +0.5	
VNA1	Neumayer-Stat	83.79 178	P	P	03 37 18.5 +0.1	
BLG	Laguna Peak, P	83.80 48	P	P	03 37 20.3 +1.3	
PAGB	Antelope Grade	84.00 46	eP	P	03 37 22.2 +2.2	
FMP	Fort Macarthur	84.08 48	P	P	03 37 21.9 +1.5	
GDXM	Geysers	84.31 42	eP	P	03 37 24.0 +2.5	
CPE	Camp Elliot	84.41 50	eP	P	03 37 24.0 +1.9	
ARVC	Arvin	84.56 47	P	P	03 37 24.2 +1.5	
CN2	Changchun	84.65 324	eP	P	03 37 27.8 +4.9	
SLBS	Sierra La Laguna	84.71 61	eP	P	03 37 26.2 +2.4	
MURC	Murieta	84.76 49	P	P	03 37 25.3 +1.5	
BFSC	Mount Baldy Ra	84.82 48	P	P	03 37 25.4 +1.2	
YES	Vestal, Richgr	84.82 46	eP	P	03 37 25.1 +1.1	
SRIG	Santa Rosalia	84.83 57	eP	P	03 37 26.4 +2.2	
MONPZ	Monument Peak	84.88 50	P	P	03 37 26.5 +1.9	
IKP	In-Ko-Pah, Jac	84.96 50	P	P	03 37 26.8 +2.0	
EDWZ	Edwards Air Fo	84.97 48	P	P	03 37 26.3 +1.5	
KHMM	Horse Mountain	85.08 40	eP	P	03 37 27.8 +2.5	
FRD	Ford Ranch, An	85.10 49	P	P	03 37 27.2 +1.7	
ISA	Isabella, Lake	85.11 47	eP	P	03 37 27.1 +1.6	
ISA	Isabella, Lake	85.11 47	eP	P	03 37 27.1 +1.6	
ISA	Isabella, Lake	comp=Z,17nm,0.9s	85.11 47	eP	P	03 37 27.0 +1.5
002D	Mt. Diablo Mer	85.19 41	P	P	03 37 27.9 +2.2	
PFO	Pinyon Flats O	85.27 49	eP	P	03 37 27.9 +1.5	
PFO	Pinyon Flats O	85.27 49	eP	P	03 37 28.3 +1.9	
PFO	Pinyon Flats O	comp=Z,13nm,1.7s	85.27 49	P	P	03 37 28.0 +1.6
XPFO	Pison Flat	85.27 49	eP	P	03 37 27.9 +1.5	
CMB	Columbia Colle	85.31 44	eP	P	03 37 27.6 +1.2	
CMB	Columbia Colle	comp=Z,17nm,1.4s	85.31 44	eP	P	03 37 27.6 +1.2
SWSC	Sam W. Stewart	85.34 50	P	P	03 37 28.4 +1.9	
AFDM	Forest Hills D	85.51 43	eP	P	03 37 28.8 +1.5	
LRMC	Laurel Mtn Rad	85.53 47	P	P	03 37 29.0 +1.5	
KLR	Kul'dur	85.53 331	iP	P	03 37 28.1 +1.0	
ORV	Oroville	85.56 42	eP	P	03 37 28.9 +1.4	
ORV	Oroville	comp=Z,9.8nm,1.0s	85.56 42	eP	P	03 37 28.9 +1.4
WDC	Whiskeytown Da	comp=Z,10.0nm,1.0s	85.59 41	eP	P	03 37 29.3 +1.7
WDC	Whiskeytown Da	comp=Z,18nm,1.3s	85.59 41	eP	P	03 37 29.3 +1.7
WDC	Whiskeytown Da	comp=Z,18nm,1.3s	85.59 41	eP	P	03 37 29.3 +1.7
N02D	Trinity Center	85.74 40	P	P	03 37 30.4 +2.1	
BELC	Belt Mt. Jos	85.81 49	P	P	03 37 30.4 +1.5	
CWC	Cottonwood Cre	85.83 46	P	P	03 37 30.2 +1.2	
003D	Paynes Creek	85.85 41	P	P	03 37 30.0 +1.1	
MDDP	Devils Postpil	85.89 45	eP	P	03 37 31.5 +2.1	
M02C	Callahan	comp=Z,5.7nm,0.9s	85.92 40	P	P	03 37 31.4 +2.2
OMMB	Old Mammoth Mi	85.93 45	eP	P	03 37 31.4 +1.7	
L02D	Cave Junction,	85.98 39	P	P	03 37 31.5 +2.1	
BC3	Big Chukawall	85.				

21d 3h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MSU Marysvalle, HHC Hu-ho-hao-te, HHC comp=Z,27nm,1.2s, HHC comp=Z,7.2nm,6.2s, etc.

2012 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 052A Adamsville, P53A Whipple, N54A Monroe State, etc.

1154

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ESY Stonyepath, PGBU Glenierbraes, VRI Vrinicia, etc.

NNC 21 03:28:24.2,5.7,31.70N:56:31E, h0km, mb4.7, mpv4.7, Error ellipse: s-maj=209.8km s-min=58.9km az=101.0 NEIC 21 03:28:00.0,0.32,14N:58:48E, h6km, mb4.6/26, ML4.8(THR),MN4.9(TEH),AFTER

1155

ITEG	comp=N,7µm,0.3s		IAML			03 28 59.5
IDA	comp=E,49µm,0.4s		Pg	Pn		03 28 56.3 -2.7
IDA	Dahanechah	1.31 61	ePg	Pn		03 28 56.2 -2.8
IDA	Dahanechah	1.31 61	ePg	Pn		03 29 02.7
IDA	comp=Z,49µm,0.5s		IAML			03 29 21.5
IDA	comp=N,10µm,0.5s		IAML			03 29 22.7
IDA	comp=E,26µm,0.6s		IAML			03 29 22.7
IMON	Monad	1.46 42	Pn	Pn		03 28 58.7 -2.3
IMON	Monad	1.46 42	ePn	Pn		03 28 58.6 -2.4
IMON	Monad	1.46 42	ePn	Pn		03 29 03.9
IMON	comp=Z,54µm,0.2s		IAML			03 29 04.3
IMON	comp=N,25µm,0.2s		IAML			03 29 23.2
TPRV	Parvadeh(Tabas)	1.79 301	ePn	Pn		03 29 03.5 -2.0
TPRV	Parvadeh(Tabas)	1.79 301	ePn	Pn		03 29 33.1
TKDS	Koohdasht(Taba)	1.90 322	ePn	Pn		03 29 05.4 -1.7
TABS	Tabas	1.93 323	Pg	Pn		03 29 00.0 -7.5
TABS	Tabas	1.93 323	Sg	Pn		03 29 31.0 -0.9
TABS	Tabas	1.93 323	ePg	Pn		03 29 06.0 -1.5
TABS	Tabas	1.93 323	eSg	Pn		03 29 32.0 +0.1
SHRT	Shahrakht	2.14 44	Pn	Pn		03 29 10.0 -0.3
SHRT	Shahrakht	2.14 44	ePn	Pn		03 29 10.5 +0.2
SHRT	Shahrakht	2.14 44	ePn	Pn		03 29 10.5 +0.2
CHMN	Cheshme madani	2.39 201	ePn	Pn		03 29 12.1 -1.9
CHMN	Cheshme madani	2.39 201	ePn	Pn		03 29 48.8
CHMN	Cheshme madani	2.39 201	ePn	Pn		03 29 48.8
CHMN	comp=Z,0.0nm,0.2s		IAML			03 29 50.5
CHMN	comp=N,0.0nm,0.3s		IAML			03 29 50.8
CHMN	comp=E,0.0nm,0.3s		IAML			03 29 50.8
TNSJ	Nastanj	2.44 320	ePn	Pn		03 29 12.7 -1.8
TNSJ	Nastanj	2.44 320	ePn	Pn		03 29 58.6
TVBK	TV Kerman	2.59 216	ePn	Pn		03 29 16.4 -0.4
TVBK	TV Kerman	2.59 216	ePn	Pn		03 29 58.5
TVBK	TV Kerman	2.59 216	ePn	Pn		03 29 58.5
TVBK	comp=N,0.0nm,0.3s		IAML			03 30 00.4
TVBK	comp=Z,0.0nm,0.4s		IAML			03 30 03.2
TVBK	comp=E,0.0nm,0.4s		IAML			03 30 03.2
KRBR	Kerman	2.60 216	Pn	Pn		03 29 10.0 -6.8
KRBR	Kerman	2.60 216	ePn	Pn		03 29 10.7 -6.1
KRBR	Kerman	2.60 216	ePn	Pn		03 29 10.7 -6.1
NGRK	Negar Kerman	2.89 212	ePn	Pn		03 29 20.6 -0.3
NGRK	Negar Kerman	2.89 212	ePn	Pn		03 30 06.3
NGRK	Negar Kerman	2.89 212	ePn	Pn		03 30 06.3
NGRK	comp=N,0.0nm,0.3s		IAML			03 30 08.8
NGRK	comp=E,0.0nm,0.3s		IAML			03 30 19.8
NGRK	comp=Z,0.0nm,0.5s		IAML			03 30 22.2
YZKH	Yazd	3.33 276	IAML			03 30 22.2
IMEH	Mehriz	3.40 259	Pn	Pn		03 29 26.9 -0.8
ICHK	Chekchek	3.48 273	ePn	Pn		03 29 27.6 -1.3
ICHK	Chekchek	3.48 273	ePn	Pn		03 30 27.8
ICHK	Chekchek	3.48 273	ePn	Pn		03 30 27.8
ICHK	comp=Z,29µm,0.4s		IAML			03 30 27.9
ICHK	comp=N,42µm,0.4s		IAML			03 30 31.4
ICHK	comp=E,39µm,0.6s		IAML			03 30 31.4
IMOG	Moghan	4.05 10	ePn	Pn		03 29 36.0 -0.7
IMOG	Moghan	4.05 10	ePn	Pn		03 30 48.0
IMOG	Moghan	4.05 10	ePn	Pn		03 30 48.0
IMOG	comp=E,5µm,0.8s		IAML			03 30 49.6
IMOG	comp=N,4µm,1.2s		IAML			03 30 59.3
IMOG	comp=Z,4µm,1.0s		IAML			03 30 59.3
ISAD	Sadrabad	4.10 269	Pn	Pn		03 29 36.0 -1.4
ISAD	Sadrabad	4.10 269	ePn	Pn		03 29 36.1 -1.4
ISAD	Sadrabad	4.10 269	ePn	Pn		03 30 44.8
ISAD	comp=Z,12µm,0.7s		IAML			03 30 50.7
ISAD	comp=E,13µm,0.7s		IAML			03 30 52.2
ISAD	comp=N,16µm,0.7s		IAML			03 30 52.2
ANAR	Anarak	4.18 286	ePn	Pn		03 29 36.4 -1.9
ANAR	Anarak	4.18 286	ePn	Pn		03 30 50.8
ANAR	Anarak	4.18 286	ePn	Pn		03 30 50.8
ANAR	comp=Z,0.0nm,0.7s		IAML			03 30 52.2
ANAR	comp=N,0.0nm,0.6s		IAML			03 30 52.9
ANAR	comp=E,0.0nm,0.6s		IAML			03 30 52.9
IPAY	Payeh	4.35 5	ePn	Pn		03 29 40.5 -0.3
IPAY	Payeh	4.35 5	ePn	Pn		03 30 38.8
IPAY	Payeh	4.35 5	ePn	Pn		03 30 38.8
IPAY	comp=N,5µm,0.6s		IAML			03 31 00.0
IPAY	comp=Z,3µm,0.8s		IAML			03 31 05.6
IPAY	comp=E,5µm,0.7s		IAML			03 31 05.6
SHRO	Shahrood	4.39 332	ePn	Pn		03 29 39.9 -1.4
SHRO	Shahrood	4.39 332	ePn	Pn		03 29 39.9 -1.4
IMYA	Miami	4.42 17	ePn	Pn		03 29 41.6 -0.2
IMYA	Miami	4.42 17	ePn	Pn		03 31 08.6
IMYA	Miami	4.42 17	ePn	Pn		03 31 08.6
IMYA	comp=N,7µm,1.0s		IAML			03 31 16.8
IMYA	comp=E,7µm,0.9s		IAML			03 31 18.1
IMYA	comp=Z,4µm,1.1s		IAML			03 31 18.1
IAKL	Akhelmad	4.49 3	ePn	Pn		03 29 41.8 -1.0
IAKL	Akhelmad	4.49 3	ePn	Pn		03 30 35.9
IAKL	Akhelmad	4.49 3	ePn	Pn		03 30 35.9
IAKL	comp=Z,2µm,0.5s		IAML			03 30 36.4
IAKL	comp=N,5µm,0.6s		IAML			03 30 36.5
IAKL	comp=Z,55nm,1.3s		IAML			03 30 36.5
NIAN	Nian	4.76 198	ePn	Pn		03 29 47.5 +1.2
NIAN	Nian	4.76 198	ePn	Pn		03 31 13.7
NIAN	Nian	4.76 198	ePn	Pn		03 31 13.7
NIAN	comp=E,0.0nm,1.4s		IAML			03 31 17.7
NIAN	comp=Z,0.0nm,1.5s		IAML			03 31 17.7
NIAN	comp=N,0.0nm,1.4s		IAML			03 31 21.6
ISFR	Sfrayin	4.95 355	ePn	Pn		03 29 48.6 -0.5
ISFR	Sfrayin	4.95 355	ePn	Pn		03 30 11.7
ISFR	Sfrayin	4.95 355	ePn	Pn		03 30 11.7
ISFR	comp=Z,3µm,0.9s		IAML			03 30 17.8
ISFR	comp=N,5µm,0.7s		IAML			03 31 27.7
ISFR	comp=E,13µm,1.1s		IAML			03 31 27.7
IANJ	Anjilo	5.09 312	ePn	Pn		03 29 49.8 -1.1
IANJ	Anjilo	5.09 312	ePn	Pn		03 31 25.1
IANJ	Anjilo	5.09 312	ePn	Pn		03 31 25.1
IPAR	Pars	5.21 246	ePn	Pn		03 29 54.1 +1.4
IPAR	Pars	5.21 246	ePn	Pn		03 31 30.7
IPAR	Pars	5.21 246	ePn	Pn		03 31 30.7
IPAR	comp=N,7µm,0.9s		IAML			03 31 37.1
IPAR	comp=Z,3µm,0.8s		IAML			03 31 45.0
IPAR	comp=E,5µm,1.0s		IAML			03 31 45.0
IRAM	Rameshah	5.22 268	ePn	Pn		03 29 50.9 -1.9
IRAM	Rameshah	5.22 268	ePn	Pn		03 31 28.3
IRAM	Rameshah	5.22 268	ePn	Pn		03 31 28.3
IRAM	comp=Z,3µm,0.9s		IAML			03 31 30.6
IRAM	comp=N,3µm,0.8s		IAML			03 31 40.9
IRAM	comp=E,4µm,0.8s		IAML			03 31 40.9
IZEF	Zefreh	5.28 280	ePn	Pn		03 29 52.6 -1.1
IZEF	Zefreh	5.28 280	ePn	Pn		03 31 22.2
IZEF	Zefreh	5.28 280	ePn	Pn		03 31 22.2
IZEF	comp=E,4µm,0.6s		IAML			03 31 27.2
IZEF	comp=N,6µm,0.9s		IAML			03 31 30.6
IZEF	comp=Z,4µm,0.5s		IAML			03 31 30.6
ITEMG	Emangholi	5.30 1	ePn	Pn		03 29 52.8 -1.1
ITEMG	Emangholi	5.30 1	ePn	Pn		03 31 00.8
ITEMG	Emangholi	5.30 1	ePn	Pn		03 31 00.8
ITEMG	comp=N,4µm,0.4s		IAML			03 31 01.0
ITEMG	comp=Z,2µm,1.2s		IAML			03 31 40.2
ISRV	Sarvestan	5.38 241	ePn	Pn		03 29 55.7 +0.6
ISRV	Sarvestan	5.38 241	ePn	Pn		03 30 55.5
ISRV	Sarvestan	5.38 241	ePn	Pn		03 30 55.5
ISRV	comp=N,8µm,1.1s		IAML			03 31 43.9
ISRV	comp=Z,4µm,1.2s		IAML			03 31 48.2
ISRV	comp=E,910nm,0.3s		IAML			03 31 48.2
ISRV	comp=N,8µm,1.1s		IAML			03 31 48.2
ISRV	comp=Z,4µm,1.2s		IAML			03 30 00.0 +1.4
ISRV	comp=E,910nm,0.3s		IAML			03 29 57.7 -0.9

2012 SEP

BIRD	Bojnurd	5.65 351	ePn	Pn		03 29 57.7 -0.9
ISHM	Shahmirzad	5.69 312	ePn	Pn		03 29 58.3 -1.0
ISHM	Shahmirzad	5.69 312	ePn	Pn		03 32 02.6
ISHM	Shahmirzad	5.69 312	ePn	Pn		03 32 02.6
ISHM	comp=Z,4µm,0.6s		IAML			03 47 36.3
SHI	Shiraz	5.71 246	IAML			03 31 55.5
SHI	Shiraz	5.71 246	IAML			03 31 55.5
SHI	Shiraz	5.71 246	IAML			03 31 55.5
SHI	comp=N,2µm,0.1s		IAML			03 32 00.4
GEYT	Alibeck	5.82 357	Pn	Pn		03 30 00.3 -0.5
GEYT	Alibeck	5.82 357	Pn	Pn		03 30 00.3 -0.5
GEYT	Alibeck	5.82 357	Pn	Pn		03 30 00.3 -0.5
GEYT	comp=N,1.8nm,0.3s,baz=174,slow=20,SNR=10		LR	LR		03 31 55.3
GYA0B	ALIBECK ARRAY	5.82 357	↑Pn	Pn		03 29 59.6 -1.2
GYA0B	ALIBECK ARRAY	5.82 357	↑Pn	Pn		03 29 59.6 -1.2
GYA0B	ALIBECK ARRAY	5.82 357	↑Pn	Pn		03 29 59.6 -1.2
GYA0B	comp=N,66nm,0.8s		↑Pn	Pb		03 30 20.7 +4.7
GYA0B	comp=N,450nm,1.3s		↓Lg	Lg		03 31 45.3
GYA0B	ALIBECK ARRAY	5.82 357	ePn	Pn		03 30 00.2 -0.6
ASHT	Ashkhabad	5.82 359	↓Pn	Pb		03 30 21.9 +5.9
ASHT	Ashkhabad	5.82 359	↓Pn	Pb		03 30 21.9 +5.9
ASHT	Ashkhabad	5.82 359	↓Pn	Pb		03 30 21.9 +5.9
ASHT	comp=N,106nm,0.5s		↓Lg	Lg		03 31 49.6
MRVT	Maraveh tapeh	5.88 341	Pn	Pn		03 30 00.0 -1.8
MRVT	Maraveh tapeh	5.88 341	ePn	Pn		03 30 00.5 -1.3
MRVT	Maraveh tapeh	5.88 341	ePn	Pn		03 30 00.5 -1.3
IFIR	Firoozkooch	5.95 308	ePn	Pn		03 30 13.2
IFIR	Firoozkooch	5.95				

Table with columns: ILAR, Eielson Array, 79.86 26 P, P, 05 13 59.2 -0.3, comp=2.0,5nm,0.8s,baz=230,slow=3.2,SNR=5.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISCJB 21 05:13:02.6:0.9,32'.00S:0'.03:69.91W:0'.04,h119km,8km, Error ellipse: s-maj=5.8km s-min=5.0km az=12.4

ISC 21 05:13:03.6:1.7,32'.01S:0'.04:69.91W:0'.04,h112km,14km,n19,-0.64/35,6C-2D, Mendoza Province

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISCJB 21 05:20:31.4:0.2,44'.46N:0'.01:6'.98E:0'.02,h10km,2km, Error ellipse: s-maj=2.9km s-min=2.1km az=155.5

Error ellipse: s-maj=1.6km s-min=1.1km az=61.0 ISC 21 05:20:32.1:0.8,44'.46N:0'.02:7'.00E:0'.02,h10km,6km,n44,-0.60/77,Northern Italy

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISCJB 21 05:26:58.5:0.3,51'.48N:0'.02:16'.16E:0'.03,h0km, Error ellipse: s-maj=2.8km s-min=2.3km az=30.6

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISCJB 21 05:27:00.5:0.5,51'.48N:0'.02:16'.16E:0'.03,h0km, Error ellipse: s-maj=2.8km s-min=2.3km az=30.6

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

21d 8h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like BEHE, BMR, BURAR, etc.

2012 SEP

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KHC, KRC, KRLC, etc.

1164

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like ZEI, NCK, GNI, etc.

P48A	Milroy	baz=52	80.35	312	P	P	08 59 50.3	+0.1
KMCS	Kings Mountain	baz=52	80.35	306	P	P	08 59 50.4	+0.2
AGMN	Agassiz Nation	baz=54	80.35	323	P	P	08 59 49.8	-0.2
R50A	Paris	baz=52	80.39	310	P	P	08 59 50.8	+0.4
G38A	Ridgeland	baz=49	80.41	319	P	P	08 59 50.2	-0.2
H39A	Augusta	baz=48	80.42	319	P	P	08 59 50.2	-0.2
U53A	Fall Branch	baz=53	80.44	308	P	P	08 59 51.7	+0.9
F37A	Hinrichs Farm,	baz=53	80.45	320	P	P	08 59 51.2	+0.7
SCRK	Sand Creek	baz=48	80.47	354	eP	P	08 59 52.2	+1.7
PDSI	Padang	comp=Z,34nm,1.1s,comp=Z,4um	80.57	96	P	P	08 59 51.6	-0.1
J41A	Loganville	baz=50	80.57	317	P	P	08 59 51.1	-0.2
L43A	Garden Prairie	baz=50	80.61	315	P	P	08 59 51.9	+0.4
M44A	Midewin, Midew	baz=51	80.71	315	P	P	08 59 53.3	+1.3
BPAW	Bear Paw Mtn.	comp=Z,19nm,1.1s	80.79	357	eP	P	08 59 52.7	+0.6
S50A	Richmond	baz=52	80.80	310	P	P	08 59 51.3	-1.3
P47A	Martinsville	baz=52	80.84	312	P	P	08 59 52.4	-0.4
Q48A	North Vernon	baz=52	80.86	311	P	P	08 59 53.3	+0.4
SPMN	Marine on St.	baz=48	80.87	320	P	P	08 59 53.2	+0.4
R49A	Shelbyville	baz=52	80.91	311	P	P	08 59 53.9	+0.7
T51A	Gray	baz=52	80.95	309	P	P	08 59 52.1	-1.3
J40A	Soldiers Grove	baz=49	80.96	317	P	P	08 59 52.9	-0.5
H38A	Maiden Rock	baz=49	80.96	319	P	P	08 59 53.4	+0.1
JFWS	Jewell Farm	baz=50	81.00	317	P	P	08 59 53.6	+0.1
V53A	Saluda	baz=53	81.00	307	P	P	08 59 54.7	+0.9
I39A	Houston	baz=49	81.09	318	P	P	08 59 54.4	+0.4
R48A	Northridge Ran	baz=52	81.28	311	P	P	08 59 55.8	+0.7
S49A	Springfield	baz=52	81.29	310	P	P	08 59 55.4	+0.1
KTH	Kantishna Hill	comp=Z,15nm,1.1s	81.33	357	eP	P	08 59 56.4	+1.3
U51A	La Follette	baz=52	81.35	309	P	P	08 59 55.4	-0.2
RND	Reindeer	comp=Z,11nm,0.8s	81.38	356	eP	P	08 59 55.3	0.0
RND	Reindeer	comp=Z,11nm,0.8s	81.41	308	P	P	08 59 54.6	-1.3
V52A	Sewierville	baz=52	81.48	309	P	P	08 59 56.5	+0.2
T50A	Nancy	baz=52,SNR=5.5	81.53	318	P	P	08 59 56.7	+0.4
J39A	Decorah	baz=49	81.53	318	P	P	08 59 56.1	-0.6
W53A	Cullowhee	baz=53	81.53	307	P	P	08 59 55.0	-1.9
K40A	Colesburg	baz=49	81.63	317	P	P	08 59 58.0	+1.0
WCI	Wyandotte Cave	comp=Z,82nm,1.1s	81.64	311	eP	P	08 59 58.0	+1.0
WCI	Wyandotte Cave	comp=Z,82nm,1.1s	81.64	311	P	P	08 59 57.2	+0.1
L41A	Preston	baz=49	81.68	316	P	P	08 59 57.6	+0.4
P45A	Graceland, Par	baz=51	81.71	313	P	P	08 59 58.2	-0.2
O44A	Mansfield	baz=50	81.74	314	P	P	08 59 57.4	+0.1
R47A	Woolly Knot Far	baz=51	81.74	311	P	P	08 59 58.5	+0.3
S48A	Wiedeman Farm,	baz=51,SNR=5.3	81.85	311	P	P	08 59 58.4	+0.1
U50A	Jamestown	baz=52	81.86	309	P	P	08 59 58.7	+0.4
T49A	Edmonton	comp=Z,9.9nm,0.9s	81.87	310	P	P	08 59 59.0	+0.7
T49A	Edmonton	baz=52	81.87	310	P	P	08 59 59.5	+1.0
V51A	Loudon	baz=53	81.94	304	P	P	08 59 59.2	+0.5
156A	Sylvania	baz=53	81.94	304	P	P	08 59 59.4	+0.7
HDIL	Hopedale	baz=50	82.01	306	P	P	08 59 59.0	-0.1
Y54A	Tignall	baz=53	82.03	307	P	P	08 59 59.3	+0.2
X53A	Estanollee	baz=52	82.03	358	eP	P	08 59 59.8	+0.9
PPLA	Purkeypille	comp=Z,22nm,0.6s	82.04	37	eS	S	08 59 59.3	+0.3
YSS	Yuzh-Sakhalins	comp=Z,20nm,1.1s	82.04	37	eS	S	09 10 07.0	-4.0
YSS	Yuzh-Sakhalins	comp=Z,20nm,1.1s	82.05	317	P	P	08 59 58.9	-0.2
K39A	Oelwein	baz=49	82.08	307	P	P	08 59 58.7	-0.7
W52A	Murphy	baz=52	82.10	317	eP	P	08 59 58.8	+0.4
L40A	Anamosa	comp=Z,16nm,0.8s	82.10	317	P	P	08 59 58.9	-0.5
L40A	Anamosa	baz=49	82.16	316	P	P	09 00 00.4	+0.7
M41A	Milan	baz=49	82.22	315	P	P	09 00 01.0	+1.0
N42A	Yates City	baz=50	82.24	308	eP	P	09 00 00.9	+0.6
CPCT	Cooper Cave	comp=Z,8.0nm,1.0s	82.24	308	eP	P	09 00 01.6	+0.7
X52A	Dahlonaga	baz=52	82.26	307	P	P	09 00 01.5	+0.5
Q45A	Warren Harvey,	baz=50	82.29	310	P	P	09 00 01.1	+0.1
U49A	Red Boiling Sp	baz=51,SNR=7.3	82.40	312	P	P	09 00 00.9	-0.1
R46A	Gibson Southern	baz=51	82.40	311	P	P	09 00 01.2	+0.1
S47A	Hartford	baz=51	82.40	311	P	P	09 00 01.2	+0.1
T48A	Bowling Green	baz=51	82.46	325	P	P	09 00 00.7	-0.5
MDDN	Maddock	baz=44	82.48	309	P	P	09 00 02.2	+0.7
V50A	Pikeville	baz=52,SNR=6.5	82.49	305	P	P	09 00 01.2	-0.4
Z54A	Sparta	baz=52	82.49	305	P	P	08 59 59.6	-1.9
L39A	Vinton	baz=48	82.58	308	P	P	09 00 02.2	+0.1
W51A	Cleveland	baz=52	82.61	306	P	P	09 00 02.1	-0.1
Y53A	Monroe	baz=52	82.61	304	P	P	09 00 02.1	-0.1
256A	Glennville	baz=53	82.61	305	P	P	09 00 03.0	+0.7
155A	Kite	baz=53	82.66	315	P	P	09 00 03.8	+1.2
O42A	Bath	baz=49	82.69	314	P	P	09 00 04.5	+1.3
P43A	Skaggs, Pawnee	baz=50	82.80	306	P	P	09 00 04.4	+1.3
GOGA	Godfrey	baz=52	82.83	350	eP	P	09 00 04.6	+1.5
R45A	Skylar, Fairir	baz=50	82.86	311	P	P	09 00 04.4	+1.0
HYT	Haines Junctio	comp=Z,21nm,1.1s	82.86	311	P	P	09 00 04.4	+1.0
S46A	Don Dixon Farm	baz=50	82.87	313	P	P	09 00 04.7	+1.3

Q44A	Meyer Farm, Va	baz=50	82.87	313	P	P	09 00 04.7	+1.3
U48A	Cassie Pea, Po	baz=50	82.87	310	P	P	09 00 05.0	+1.5
W50A	Signal Mountai	comp=Z,7.8nm,0.8s	82.91	308	eP	P	09 00 04.6	+0.8
W50A	Signal Mountai	baz=52	82.91	308	P	P	09 00 04.7	+0.9
Y52A	Lilburn	baz=52	82.92	307	P	P	09 00 04.5	+0.7
T47A	Sharon Grove	baz=51,SNR=6.6	82.92	311	P	P	09 00 04.2	+0.5
S47A	Skwentna	comp=Z,22nm,0.5s	82.93	357	eP	P	09 00 03.8	+0.4
V49A	McMinnville	baz=51	82.93	309	P	P	09 00 04.3	+0.4
SML	Sawmill	comp=Z,25nm,0.9s	82.94	356	eP	P	09 00 04.8	+1.4
SML	Sawmill	comp=Z,25nm,0.9s	82.94	356	eP	P	09 00 04.9	+1.4
Z53A	Monticello	comp=Z,25nm,0.9s	82.95	306	P	P	09 00 04.2	+0.2
K37A	Belmond	baz=52	82.97	318	P	P	09 00 04.3	+0.4
X51A	Calhoun	baz=48	83.00	308	P	P	09 00 05.2	+1.0
M39A	Webster	baz=52	83.02	317	P	P	09 00 04.6	+0.4
O41A	Passleys Farm,	baz=48	83.18	315	P	P	09 00 05.7	+0.7
P42A	Winchester	comp=Z,7.8nm,0.8s	83.21	314	eP	P	09 00 06.5	+1.2
P42A	Winchester	baz=50	83.21	314	P	P	09 00 06.5	+0.4
Q43A	New Douglas	baz=50	83.25	313	P	P	09 00 06.1	+0.7
R44A	Waltonville	baz=50	83.33	313	P	P	09 00 06.2	+0.4
T46A	Prieston	baz=50	83.38	311	P	P	09 00 06.2	+0.1
U47A	Clarksville	baz=51,SNR=6.7	83.38	310	P	P	09 00 06.3	+0.1
V48A	Smith Brothers	baz=51	83.53	309	P	P	09 00 07.6	+0.7
Y51A	Rockmart	baz=52	83.55	307	P	P	09 00 07.5	+0.4
W49A	Belvidere	baz=49	83.57	309	P	P	09 00 07.3	+0.1
Z52A	Williamson	baz=52	83.57	306	P	P	09 00 08.2	+1.0
P41A	Barry, Barry	baz=49	83.57	315	P	P	09 00 07.5	+0.4
254A	Abbeville	baz=52	83.58	305	P	P	09 00 07.4	+0.2
X50B	Fort Payne	baz=52	83.58	308	P	P	09 00 07.9	+0.7
N39A	Der Farms, D	baz=51	83.60	316	P	P	09 00 06.7	-0.5
DSRI	Dabo	baz=49	83.67	95	P	P	09 00 08.4	+0.5
RC01	Rabbit Creek A	comp=Z,29nm,0.8s	83.74	356	eP	P	09 00 08.9	+1.4
SIUC	Southern Illin	comp=Z,13nm,0.8s	83.75	312	eP	P	09 00 08.6	+0.6
Q42A	Golden Eagle	baz=49	83.76	314	P	P	09 00 09.6	+1.5
S44A	Candlenut	baz=50	83.79	312	P	P	09 00 08.6	+0.4
R43A	Red Bud	baz=49	83.82	313	P	P	09 00 08.5	+0.1
ECSD	EROS Data Cent	comp=Z,6.6nm,0.8s	83.89	321	eP	P	09 00 09.4	+0.7
ECSD	EROS Data Cent	baz=46	83.89	321	P	P	09 00 09.0	+0.3
V47A	Nunnelly	baz=51	83.91	310	P	P	09 00 08.7	-0.2
WVT	Waverly	comp=Z,5.7nm,0.8s	83.92	310	eP	P	09 00 08.8	-0.1
WVT	Waverly	comp=Z,5.7nm,0.8s	83.92	310	eP	P	09 00 08.8	-0.1
WVT	Waverly	comp=Z,6.0nm,0.8s	83.92	310	P	P	09 00 09.0	+0.1
SVW2	Sparrevohn	comp=Z,15nm,1.2s	83.92	359	eP	P	09 00 10.1	+1.6
L36A	Harm Buss Farm	baz=47	83.98	318	P	P	09 00 10.0	+0.9
W48A	Pulaski	baz=51	83.98	309	P	P	09 00 09.9	+0.7
U46A	Springville	baz=50	83.98	311	P	P	09 00 09.9	+0.7
X49A	Woodville	baz=51	83.98	308	P	P	09 00 10.6	+1.3
Y50A	Piedmont	baz=51	83.99	307	P	P	09 00 10.3	+1.0
253A	Americus	baz=52	84.07	305	P	P	09 00 11.3	+1.6
152A	Waverly Hall	baz=50	84.09	306	P	P	09 00 10.6	+0.7
Q41A	Truxton	baz=49	84.14	314	P	P	09 00 11.2	+1.2
V46A	Holladay	baz=51,SNR=7.9	84.31	310	P	P	09 00 11.0	+0.1
W47A	Westpoint	baz=50	84.33	310	P	P	09 00 11.1	+0.1
R42A	Luebbering	baz=51	84.33	313	P	P	09 00 11.1	+0.1
JNU	Nakatsue	comp=Z,12nm,1.0s	84.34	53	eP	P	09 00 11.8	+0.7
S43A	Fulton Ridge,	baz=49,SNR=7.0	84.36	313	P	P	09 00 11.5	+0.3
Y49A	Blount Mountai	comp=Z,6.5nm,0.9s	84.45	308	eP	P	09 00 12.9	+1.2
Y49A	Blount Mountai	baz=51	84.45	308	P	P	09 00 12.7	+1.0
X48A	Hartselle	comp=Z,11nm,0.9s	84.48	309	eP	P	09 00 12.5	+0.7
X48A	Hartselle	baz=51	84.48	309	P	P	09 00 13.3	+1.3
Z50A	Lumpkin	baz=52	84.51	305	P	P	09 00 12.7	+0.7
757A	Oxford	baz=52	84.56	302	P	P	09 00 13.1	+0.8
151A	Opelika	baz=51	84.58	306	P	P	09 00 13.6	+1.3
SUSD	Miller	baz=44	84.58	322	P	P	09 00 13.0	+0.9
BESE	Bessie Mountai	comp=Z,11nm,1.0s	84.58	348	eP	P	09 00 13.8	+1.8
DWPF	Disney Wildern	baz=53	84.62	301	P	P	09 00 13.1	+0.5
R41A	Rosebud	baz=49	84.67	314	P	P	09 00 13.6	+0.9
S42A	Caledonia	baz=49						

21d 9h

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like SAML Samuel, D03D Eldon, BMO Blue Mountains, etc.

VIE 21 08:48:10.1±2.7, 48°19'N; 16°79'E, h0km, mb1.2/1, m1.8/4, Error ellipse: s-maj=15.7km s-min=5.1km az=94.0 29

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like KRUC Moravsky, AAGR Velka Javorina, etc.

ISC 21 09:01:19.5±3.8, 64°51'N; 32°30'E, h0km, mb1.3/1/4, mb1mx3.0/30, mbtp3.1/4, ML2.0/4, Error ellipse: s-maj=50.8km s-min=12.5km az=100.0

ISC 21 09:01:21.3±0.6, 64°64'N; 03°30'E; 0.10, h0km, Error ellipse: s-maj=6.2km s-min=4.2km az=16.1

HEL 21 09:01:23.4±0.1, 64°68'N; 30°63'E, h0km, ML1.9, Explosion MOS 21 09:01:23.2, 64°68'N; 30°63'E, M1.9, Industrial explosion

(after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014)

KOLA 21 09:01:26.4, 64°77'N; 30°33'E, h0km, ISC 21 09:01:23.6±1.1, 64°66'N; 05°30'E; 0.06, h0km, n18, ±156/25, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like KU6 Riekkii, MSF Maaselka, etc.

ISK 21 09:02:18.8, 38°72'N; 26°05'E, h4km, ML2.3/1 DDA 21 09:02:18.2, 38°70'N; 25°94'E, h7km, ML2.5

ISC 21 09:02:19.4±0.9, 38°70'N; 04°26'E; 0.1, h10km, 9km, Error ellipse: s-maj=15.7km s-min=4.7km az=159.0

ISC 21 09:02:18.6±0.3, 38°39'N; 04°25'E; 0.09, h13km±15km, n7, ±06/39/14, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like CHOS Chios island, SIGR SIGRI, etc.

2012 SEP

Table with columns: URLA, URLA, URLA, ZEY, DGB, DGB, BAYC, BAYC. Includes station names and coordinates.

MEX 21 09:10:27.0±0.4, 18.82°N×102.89°W, h92km±8km, MD3.6, Michoacan

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

NEIC 21 09:22:26.0±0.3, 32°95'S; 69°74'W, h101km±2km, mb4.4/66, MD4.5(SJA), ML4.4(GUC), Error ellipse: s-maj=5.9km

NEIC Felt (III) at Mendoza, ISCJB 21 09:22:26.4±0.2, 32°91'S; 03°69'W; 0.04, h118km, 1km, mb4.4/70, Error ellipse: s-maj=5.5km s-min=4.1km

SJA 21 09:22:26.9±0.4, 32°90'S; 69°93'W, h115km±4km, ML4.5, MW4.3

GUC 21 09:22:27.4±0.7, 33°01'S; 70°13'W, h122km±3km, ML4.4, IDC 21 09:22:29.0±0.8, 32°89'S; 69°77'W, h124km±6km, mb4.1/77, mb1.4/2.9, mb1mx3.9/21, mbtp4.4/9, MS3.0/1, ms1mx2.5/18, Error ellipse: s-maj=21.7km s-min=19.2km

ISC 21 09:22:27.0±0.5, 32°95'S; 04°70'W; 0.04, h113km±4km, h113km; pp-P, n384, ±190/05/405, mb4.4/70, 8C, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like FCH Farellones, PEL Peldehue, etc.

ROCI El Roble, 0.85 268 fP, Pn, 09 22 47.5 +0.3

ROCI El Roble, 0.85 268 ePn, Pn, 09 22 47.9 +0.6

AUSP Uspallata, 0.89 36 eP, Pn, 09 22 48.0 +0.3

ARCO CERRO ARCO, 0.91 83 eP, Pn, 09 22 48.0 +0.2

ARCO CERRO ARCO, 0.91 191 fP, Pn, 09 22 48.3 +0.6

ARCO CERRO ARCO, 0.91 191 fP, Pn, 09 22 48.3 +0.2

ARCO CERRO ARCO, 0.91 191 fP, Pn, 09 22 48.3 +0.2

ARCO CERRO ARCO, 0.91 191 fP, Pn, 09 22 48.3 +0.2

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ARCO CERRO ARCO, 0.91 191 fP, Pn, 09 22 48.3 +0.2

ARCO CERRO ARCO, 0.91 191 fP, Pn, 09 22 48.3 +0.2

1168

Large table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like 152A Waverly Hall, 248A Dixon Mills, 150A Eclectic, etc.

W39A Magazine	71.36 340	eP	P	09 33 35.3 +0.9	O38A Galt	75.88 342	P	P	09 34 00.6 -0.1	SUSD Miller	81.42 339	P	P	09 34 31.8 +0.7
W39A Magazine	71.36 340	P	P	09 33 35.1 +0.6	O37A Wollen Farm, M	76.10 341	P	P	09 34 02.3 +0.3	LRMC Laurel Mtn Rad	81.42 322	P	P	09 34 32.9 +1.5
T47A Sharon Grove	71.39 346	P	P	09 33 34.7 +0.1	N40A Mierluke, Sal	76.12 343	P	P	09 34 02.4 +0.3	MPMC Mather Prospec	81.77 323	P	P	09 34 34.8 +1.4
V41A Mountainview	71.46 341	P	P	09 33 35.2 +0.1	214A Organ Pipe Nat	76.16 323	P	P	09 34 03.8 +1.1	FURC Furnace Creek,	81.77 324	P	P	09 34 34.8 +1.7
S50A Richmond	71.54 348	P	P	09 33 35.5 +0.1	N39A Derby Farms, D	76.34 343	P	P	09 34 02.9 -0.4	RWWY Rawlins	81.79 333	eP	P	09 34 33.5 +0.2
T46A Princeton	71.61 345	P	P	09 33 35.9 0.0	M41A Milan	76.34 344	P	P	09 34 02.9 -0.4	TPNV Topopah Spring	81.85 324	eP	P	09 34 34.7 +1.0
V40A Witts Springs	71.66 341	P	P	09 33 36.3 +0.1	CBKS Cedar Bluff	76.56 337	P	P	09 34 04.6 -0.1	TPNV Topopah Spring	81.85 324	P	P	09 34 35.5 +1.8
U42A Revenden	71.75 342	P	P	09 33 36.7 0.0	M40A Post Highland	76.60 344	P	P	09 34 04.9 +0.1	ISA Isabella, Lake	81.97 322	eP	P	09 34 35.5 +1.3
S48A Wiedeman Farm,	71.82 347	P	P	09 33 36.7 -0.5	L43A Garden Prairie	76.72 346	P	P	09 34 05.6 +0.1	ISA Isabella, Lake	81.97 322	eP	P	09 34 36.2 +2.0
U41A Viola	71.92 342	P	P	09 33 38.0 +0.2	L42A Oliver, Polo	76.75 345	P	P	09 34 05.8 +0.1	PSUT Pin Spring	81.97 327	eP	P	09 34 35.7 +1.3
V39A Pettigrew	71.92 340	P	P	09 33 38.2 +0.3	T25A Trinidad	76.77 332	eP	P	09 34 07.0 +0.9	DAC Darwin (Calif)	81.99 323	eP	P	09 34 36.2 +1.7
S47A Hartford	71.92 346	P	P	09 33 37.3 -0.4	T25A Trinidad	76.77 332	P	P	09 34 07.7 +1.6	PKM McPherson Peak	82.08 321	P	P	09 34 36.6 +1.7
PBMO Poplar Bluff	71.95 343	eP	P	09 33 37.9 0.0	M39A Webster	76.83 343	P	P	09 34 05.7 -0.4	TORD Torodi Ar. Bea	82.25 69	P	P	09 34 34.9 -1.2
R51A Hillsboro	72.00 349	P	P	09 33 38.6 +0.4	L41A Preston	77.00 344	P	P	09 34 06.6 -0.4	TORD Torodi Ar. Bea	82.25 69	P	P	09 35 06.6 +1.6
R50A Paris	72.11 348	P	P	09 33 39.0 +0.1	L40A Anamosa	77.15 344	eP	P	09 34 07.8 -0.1	C40A Isle Royale Na	82.31 347	P	P	09 34 37.9 +2.3
U40A Yellville	72.18 341	P	P	09 33 39.6 +0.2	L40A Anamosa	77.15 344	P	P	09 34 08.0 +0.1	K22A Casper	82.35 334	P	P	09 34 37.2 +1.0
T43A Greenville	72.20 343	P	P	09 33 39.3 -0.1	L39A Vinton	77.39 343	P	P	09 34 09.1 -0.1	CWC Cottonwood Cre	82.37 323	P	P	09 34 38.0 +1.6
R49A Shelbyville	72.27 348	P	P	09 33 40.5 +0.7	K42A Prairie Point,	77.42 346	P	P	09 34 09.2 -0.2	VES Vestal, Richgr	82.42 322	P	P	09 34 38.3 +1.8
T42A Van Buren	72.35 342	P	P	09 33 40.7 +0.4	K41A Shullsburg	77.46 345	P	P	09 34 09.6 0.0	JLU Jordanelle	82.59 329	eP	P	09 34 39.0 +1.4
U39A Green Forest	72.38 340	P	P	09 33 40.9 +0.4	X16A Lo Mia Camp, P	77.50 326	eP	P	09 34 12.0 +1.7	R11A Troy Canyon, C	82.63 326	eP	P	09 34 39.0 +1.3
HHAR Hobbs	72.42 340	eP	P	09 33 41.4 +0.6	SDCO Great Sand Dun	77.72 332	eP	P	09 34 12.8 +1.2	R11A Troy Canyon, C	82.63 326	P	P	09 34 39.7 +1.9
MNTX Cornudas Mount	72.47 329	eP	P	09 33 40.9 -0.2	SDCO Great Sand Dun	77.72 332	P	P	09 34 12.7 +1.2	RSSD Black Hills	82.75 336	eP	P	09 34 38.6 +0.4
MNTX Cornudas Mount	72.47 329	P	P	09 33 41.0 -0.2	K40A Colesburg	77.74 344	P	P	09 34 10.9 -0.3	RSSD Black Hills	82.75 336	P	P	09 34 39.3 +1.0
T41A Mountain View	72.54 342	P	P	09 33 41.6 +0.2	JFWS Jewell Farm	77.75 345	P	P	09 34 10.9 -0.3	DUG Dugway, Tooele	82.85 328	P	P	09 34 40.4 +1.6
WMOK Wichita Mounta	72.55 335	P	P	09 33 41.7 +0.1	J43A Natural Harves	77.81 346	P	P	09 34 11.2 -0.3	TIN Tinemaha, Big	82.92 323	P	P	09 34 41.1 +1.9
S43A Fulton Ridge,	72.61 343	P	P	09 33 41.7 -0.2	J42A Columbus	77.89 346	P	P	09 34 11.3 -0.7	HWUT Hardware Ranch	83.47 330	eP	P	09 34 42.6 +0.6
TUL1 Leonard	72.63 338	P	P	09 33 42.3 +0.3	J41A Loganville	78.12 345	P	P	09 34 13.1 -0.2	SPUT South Promonto	83.60 329	eP	P	09 34 43.5 +0.9
T00A Mansfield	72.84 341	P	P	09 33 43.2 0.0	I43A Langefeld Bro	78.24 347	P	P	09 34 12.6 -1.3	PDAR Pinedale Array	83.62 332	P	P	09 34 42.8 0.0
Q49A Aurora	72.92 348	P	P	09 33 43.4 -0.2	S22A 4UR Ranch, Cre	78.26 331	eP	P	09 34 15.4 +0.9	PDAR Pinedale Array	83.62 332	eP	P	09 34 42.5 -0.3
T39A Aurora	72.95 341	P	P	09 33 44.2 +0.2	S22A 4UR Ranch, Cre	78.26 331	P	P	09 34 15.0 +0.5	MLAC Mammoth, Mam	83.67 323	P	P	09 34 44.4 +1.2
S42A Caledonia	72.98 343	P	P	09 33 43.9 -0.2	J40A Soldiers Grove	78.31 345	P	P	09 34 13.9 -0.4	OMMB Old Mammoth	83.74 323	eP	P	09 34 45.2 +1.5
Q48A North Vernon	72.99 347	P	P	09 33 43.9 -0.2	WU4Z Wupatki	78.37 327	P	P	09 34 16.2 +1.2	NVAR Mina Array Bea	84.02 324	P	P	09 34 46.4 +1.5
S41A Jillico Farms,	73.05 342	P	P	09 33 44.7 +0.2	I42A Draeger Farm,	78.40 346	P	P	09 34 15.2 +0.4	HVU Hinesville	84.13 329	eP	P	09 34 45.8 +0.5
FVM French Village	73.09 343	eP	P	09 33 45.6 +0.9	BGNE Belgrade	78.41 339	P	P	09 34 15.5 +0.6	AGMN Agassiz Nation	84.13 343	P	P	09 34 45.7 +0.7
DBIC Dimbokro	73.23 70	P	P	09 33 46.1 +0.1	Y12C Blythe	78.46 323	P	P	09 34 16.9 +1.6	KVN Kaiserville	84.40 324	eP	P	09 34 47.7 +0.8
T38A Diamond	73.23 340	P	P	09 33 45.8 +0.2	J39A Decorah	78.47 344	P	P	09 34 15.6 +0.4	MDND Maddock	84.70 340	P	P	09 34 49.1 +1.2
MSTX Muleshoe	73.35 332	P	P	09 33 47.0 +0.5	K36A Gilmore City	78.49 342	P	P	09 34 15.4 +0.1	TPAW Teton Pass	84.78 331	eP	P	09 34 49.2 +0.5
P49A Miami Univ. Ec	73.40 348	P	P	09 33 46.3 -0.2	MVCO Mesa Verde	78.50 330	eP	P	09 34 16.8 +1.0	YERR Yerington	84.91 324	eP	P	09 34 51.1 +1.7
Q45A Warren Harvey,	73.44 345	P	P	09 33 46.3 -0.4	MVCO Mesa Verde	78.50 330	P	P	09 34 17.3 +1.5	IMW Indian Meadow	85.12 332	eP	P	09 34 51.1 +0.7
P48A Milroy	73.45 348	P	P	09 33 46.2 -0.6	GLMI Grayling	78.54 349	P	P	09 34 17.8 +2.3	PNTR Pine Nut	85.17 324	eP	P	09 34 52.0 +1.2
R42A Luebbing	73.46 343	P	P	09 33 46.6 -0.3	Q23A Divide	78.64 333	P	P	09 34 18.2 +1.6	RLMT Red Lodge	85.49 333	P	P	09 34 53.2 +1.0
S39A Bolivar	73.56 341	eP	P	09 33 47.9 +0.5	BC41 Big Chucckawall	78.85 323	P	P	09 34 18.0 +0.3	LAO LSA Array	85.74 336	P	P	09 34 54.4 +1.3
S39A Bolivar	73.56 341	P	P	09 33 47.7 +0.2	I39A Houston	78.92 344	eP	P	09 34 17.2 -0.5	YHH Holmes Hill	85.82 332	eP	P	09 34 55.0 +1.1
R41A Rosebud	73.62 343	P	P	09 33 47.7 -0.1	I39A Houston	78.92 344	P	P	09 34 17.6 0.0	ULM Luedersburg	85.95 344	P	P	09 34 54.4 +0.4
O51A Pataskala	73.66 350	P	P	09 33 47.9 -0.1	IRM Iron Mountain	79.09 323	P	P	09 34 20.4 +1.5	HLID Hailey	86.28 329	P	P	09 34 56.8 +0.7
S38A Stockton	73.67 340	P	P	09 33 48.2 +0.1	FRD Ford Ranch, An	79.31 322	P	P	09 34 21.9 +1.7	HLID Hailey	86.28 329	P	P	09 34 57.9 +1.9
N59A State Game Lan	73.69 355	P	P	09 33 48.2 0.0	PFO Pinyon Flats O	79.33 322	P	P	09 34 22.0 +1.7	ORV Oroville	86.48 323	eP	P	09 34 57.9 +1.0
AMTX Amarillo	73.74 333	P	P	09 33 48.4 -0.3	BELO Bell Mtn. Jos	79.40 323	P	P	09 34 22.3 +1.7	DGMT Dagmar	86.63 338	eP	P	09 34 57.9 +0.5
ACSO Alum Creek Sta	73.80 350	P	P	09 33 48.5 -0.3	PV13 Radium Mtn., P	79.44 330	eP	P	09 34 21.9 +1.0	DGMT Dagmar	86.63 338	P	P	09 34 58.4 +1.0
O50A Cable	73.81 349	P	P	09 33 48.6 -0.3	G43A Wallace	79.48 347	P	P	09 34 21.7 +1.1	MCMT McKenzie Canyo	86.66 331	eP	P	09 34 59.1 +1.2
Q43A New Douglas	73.83 344	P	P	09 33 49.1 +0.1	U15A North Rim	79.54 327	eP	P	09 34 23.7 +2.1	MFID Carnas Ranch	86.78 328	eP	P	09 34 59.5 +1.1
319A Douglas	73.97 326	eP	P	09 33 52.2 +2.1	SMCO Snowmass	79.54 332	eP	P	09 34 23.0 +1.3	BOZ Bosman (W)	86.80 332	P	P	09 34 59.3 +0.9
P45A Graceland, Par	73.97 346	P	P	09 33 48.1 -1.7	ISCO Idaho Springs	79.54 333	eP	P	09 34 22.8 +1.3	O03D Paynes Creek	87.19 323	P	P	09 35 01.0 +0.6
Q42A Golden Eagle	74.00 343	P	P	09 33 49.7 -0.3	ISCO Idaho Springs	79.54 333	P	P	09 34 23.0 +1.5	J08A Circle Bar Ran	87.92 327	eP	P	09 35 05.3 +1.5
P44A Sand Creek, Wi	74.09 345	P	P	09 33 50.5 0.0	PV18 Skein Mesa, Pa	79.55 330	eP	P	09 34 22.5 +1.0	EGMT Eagleton	88.12 335	P	P	09 35 05.4 +0.7
N54A Moraine State	74.12 352	P	P	09 33 50.6 -0.1	G41A Mountain	79.60 347	P	P	09 34 23.8 +2.5	N02D Trinity Center	88.16 323	P	P	09 35 06.3 +1.3
R38A Fenwick Farm,	74.19 341	P	P	09 33 51.2 +0.1	MURC Murota	79.71 322	P	P	09 34 24.5 +2.3	M04C Macdoel	88.33 324	P	P	09 35 07.9 +2.0
Q41A Truxton	74.21 343	P	P	09 33 51.3 +0.1	G41A Antigo	79.72 346	P	P	09 34 24.7 +2.7	M02C Callahan	88.54 323	P	P	09 35 08.5 +1.7
121A Cooke Peak, D	74.24 327	P	P	09 33 53.4 +1.6	GMRC Granite Mounta	79.85 323	P	P	09 34 25.2 +2.1	MSO Missoula	88.73 332	P	P	09 35 09.2 +1.6
O47A Sheridan	74.34 347	P	P	09 33 51.0 -0.9	F43A Flat Rock, Esc	79.94 348	P	P	09 34 26.4 +3.3	L04D Klamath Falls	88.86 324	P	P	09 35 09.9 +1.5
N50A Nevada	74.35 350	P	P	09 33 51.7 -0.3	BBRC Big Bear Solar	80.08 322	P	P	09 34 26.3 +1.8	J05D Fort Rock, OR	89.16 325	P	P	09 35 11.5 +1.8
P42A Winchester	74.59 344	P	P	09 33 53.3 -0.1	ECSD EROS Data Cent	80.10 341	eP	P	09 34 23.9 -0.1	PINE Pine Mountain	89.41 326	eP	P	09 35 11.9 +1.0
N49A Columbus Grove	74.66 349	P	P	09 33 53.7 -0.1	ECSD EROS Data Cent	80.10 341	P	P	09 34 24.7 +0.6	K02D Willamette Mer	89.91 324	P	P	09 35 14.6 +1.4
Q39A Willow Grove F	74.74 342	P	P	09 33 54.0 -0.3	HCS HECTOR, Ludlow	80.22 323	P	P	09 34 27.2 +2.1	I02D Swishome	91.04 324	P	P	09 35 19.8 +1.6
Q38A Cooks Store, C	74.83 341	P	P	09 33 55.2 +0.4	G38A Ridgeland	80.25 345	P	P	09 34 27.0 +2.2	TOLK Toolik Lake Re	116.61 336	P	PKPdf	09 40 56.9 +0.1
P41A Barry, Barry	74.85 343	P	P	09 33 54.6 -0.3	KNB Kanab	80.26 326	eP	P	09 34 27.0 +1.7	ASAR Alice Springs	119.26 205	PKP	PKPdf	09 41 02.3 -1.0
N47A Urbana	74.88 348	P	P	09 33 54.3 -0.7	FMP Fort Macarthur	80.37 321	P	P	09 34 27.7 +2.0	WRA Warramunga Arr	122.49 207	PKP		

Table of station data for 2012 SEP, including columns for call sign, name, frequency, and other parameters. Includes stations like KURK Kurchatov, DANN Dangsing, and many others.

Table of station data for 2012 SEP, continuing from the previous table. Includes stations like AKH Akhalkalaki, KBZ Khabz, and many others.

Table of station data for 21d 11h, including MEX 21 10:18:51.7, DDA 21 10:22:27.8, and various other station listings with their respective frequencies and parameters.

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 153A, 250A, 250A, etc.

21d 12h

Table with columns: ID, Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Rows include stations like 21d 12h, 21d 12h, 21d 12h, etc.

2012 SEP

Table with columns: ID, Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Rows include stations like M40A Post Highland, HAL Halifax, H2A LALA, etc.

1176

Table with columns: ID, Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Rows include stations like KSCO Kaye Shedlock, X18A Snowflake, X16A BGNF, etc.

21d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like CBIJ Chichi jima, JHJM Haha-jima-NKT, MAJ0 Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like PMSA Palmer Station, SNA0 Sanae, H10S2 ASCENSION HYDR65.98, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like BAYT Ayd-ntepe-Bay, KTUT Trabzon, KJEL Kelik, etc.

2012 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like BCA Borcka, DAGI Agillar, ARTV Artvin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like NPS Neapolis, APE Apeirantos, ZEY Zeytin, etc.

1180

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like HSAF As Saff, GLL Jalalab, SWA2 baz=203.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like MNAI Manna, LWLI Liwa, KASI Kota Agung, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, SONM Jiri, SONA1 Songino Array, etc.

MAN 21 15:26:52.5, 9.77N, 126.99E, h28km, mb5.7, ML4.8, MS5.2
IDC 21 15:26:52.7, 0.6, 9.72N, 126.40E, h0km, mb4.3/1.9
mb1 4.4/2.0, mb1mx4.2/4.8, mbtmp4.3/2.0, ML4.2/4.2, MS4.0/5.0,
Ms1 4.0/5.0, ms1mx3.4/4.3, Error ellipse: s-maj=25.2km
s-min=12.5km az=74.0
NEIC 21 15:27:03.9, 1.7, 9.67N, 126.37E, h94km, 1.7km, mb4.6/6.6,
Error ellipse: s-maj=10.9km s-min=5.8km az=70.0
ISC 21 15:26:55.4, 1.6, 9.77N, 126.004, 126.71E, 0.05h, h17km, 1.0km,
n79, c1983/79, mb4.3/27, 20-3D, Mindanao

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11N2 WAKE ISLAND Hy 40.01, H11N3 WAKE ISLAND Hy 40.02, ULN Uluataar, etc.

ISCJB 21 15:31:28.9, 0.6, 37.31N, 120.337, 12E, 0.04, h6km, 5km,
Error ellipse: s-maj=5.4km s-min=4.0km az=43.9
DDA 21 15:31:28.7, 37.33N, 37.17E, h7km, ML2.8
ISK 21 15:31:28.3, 37.33N, 37.17E, h9km, ML 1.9/6
ISC 21 15:31:28.7, 0.3, 33.33N, 103.37, 11E, 0.03, h10km, 7km,
n13, c065/24, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GAZ Gaziantep, GAZ Kahramanmaraş, KMRS KMRS, etc.

DJA 21 15:37:50.5, 0.5, 7.53S, 101.50E, h12km, 4km, ML4.4/17,
mb4.6/5, MLV4.3/17
IDC 21 15:37:54.2, 3.4, 6.63S, 105.23E, h60km, 31km, mb3.6/7,
mb1 3.7/8, mb1mx3.5/5.2, mbtmp3.9/8, ML4.5/2, Error
ellipse: s-maj=23.0km s-min=13.5km az=34.0
ISC 21 15:37:50.3, 1.6, 6.78S, 107.105, 15E, 0.05, h28km, 11km,
n36, c184/39, mb4.0/7, Sunda Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CGJI Cibinong, CGJI Serang, SBJJ SBJJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes BTRR Keskin Array B.

BUI 21 15:39:12.7, 35.54N, 22.45E, h44km, mb4.9/4.1, mb5.1/2.4,
Ms4.7/1.0, Ms7.4/4.0
IDC 21 15:39:15.1, 2.3, 35.52N, 22.81E, h29km, 16km, mb4.5/2.5,
mb1 4.6/3.5, mb1mx4.5/4.8, mbtmp4.6/3.5, ML4.2/9, MS3.9/3.3,
Ms1 3.9/3.3, ms1mx3.8/4.6, Error ellipse: s-maj=11.2km
s-min=10.6km az=26.0
HLW 21 15:39:15.2, 35.62N, 23.16E, h33km, 36km, ML5.0
PDG 21 15:39:15.7, 0.4, 35.78N, 22.41E, h5km, 2km, ML4.5/1.1,
Error ellipse: s-maj=8.4km s-min=4.5km az=90.0
THE 21 15:39:16.1, 35.37N, 22.68E, h10km, 1km, ML4.6/6, Error
ellipse: s-maj=1.9km s-min=0.9km az=36.0
ISCJB 21 15:39:16.7, 0.1, 35.65N, 0.02, 22.75E, 0.01, h51km,
mb4.7/7.2, MS3.9/3.2, Error ellipse: s-maj=2.3km
s-min=1.5km az=14.8
NEIC 21 15:39:17.5, 0.0, 35.49N, 22.83E, h61km, mb4.7/1.8,
ML4.4(41TH), ML4.6(TH), After ATH.
ATH 21 15:39:17.5, 35.49N, 22.83E, h61km, 4km, ML4.4/1.4, Error
ellipse: s-maj=4.8km s-min=0.9km az=45.0
MOS 21 15:39:18.1, 1.1, 35.68N, 22.79E, h66km, mb4.9/4.2, Error
ellipse: s-maj=5.5km s-min=3.0km az=83.3
BEO 21 15:39:18.4, 0.9, 35.79N, 22.11E, h0km, ML4.6/3
GCMT 21 15:39:19.5, 0.5, 35.14N, 0.04, 22.64E, 0.03, h45km, 1km,
MV4.8/4.6, Moment Tensor Solution. s29, c37, s46, c66;
Duration: 0 Moment tensor: Scale 10^18Nm; Mr1 6.9; L3;
Mw=1.4E+09; Mw=0.2E+08; Mw=0.82E+08; Mw=0.69E+08;
Mw=0.24E+07; Best double couple: M1 9.1200E+10
NP1=1.11.00000; 5.68.00000; 1.86.00000; NP2:
q=300.00000; 3.32.00000; 3.32.00000; Principal axes: T
1.8390, Plg76.00000; Az=86.00000; N 0.0340, Plg4.00000;
Az=114.00000; P -1.9270, Plg13.00000; Az=205.00000;
nsta1 refers to body waves, cutoff=40s. nsta2 refers to
surface waves, cutoff=50s. Triangular moment-rate
function

ISC 21 15:39:17.0, 0.3, 35.51N, 0.03, 22.77E, 0.03, h51km, n747,
c2907/843, mb4.8/7.2, MS3.9/3.2, 60C-34D, Central

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

SAP3	Santorini-Thir	2.29	65	P	Pn	15 39 53.6 +1.3	PRZK			15 41 07.0	CFR	Carcaliu	10.48	21	fl/P	Pn	15 41 45.3 -0.8	
SAP3	SAP3	2.29	65	S	Sn	15 40 19.4 +0.3	PRZK	Prizren	6.87	347	fl/Pg	ZNM	Zenema	10.50	123	P	Pn	15 41 42.6 -2.3
SAP3	Santorini-Thir	2.29	65	P	Pn	15 39 53.5 +1.3	PRZK			15 40 59.3	DQRL	Deir Qamar	10.70	96	eP	Pn	15 41 45.1 -2.7	
SAP3	Santorini-Akro	2.29	68	P	Pn	15 39 53.7 +1.3	PRZK			15 40 06.0	TDR	Taxiarhis Har	10.70	24	fl/P	Pn	15 41 48.7 +1.2	
THR6	Thira Island,	2.29	68	P	Pn	15 39 54.0 +1.6	ULCinj	Ulcinj	7.00	338	fl/Pn	ULC	Ulcinj	10.70	24	P	Pn	15 41 48.7 +1.2
STAX	Taxiarhis Har	2.31	67	P	Pn	15 39 54.0 +1.3	ULCinj	Ulcinj	7.00	338	fl/Pg	PLOr	Plostina	10.74	15	fl/P	Pn	15 41 49.8 +1.7
STAX	Taxiarhis Har	2.31	67	P	Pn	15 39 53.8 +1.1	ULC	Ulcinj	7.00	338	fl/Pg	PLOr	Plostina	10.74	15	P	Pn	15 41 49.7 +1.7
THR3	Thira Island,	2.32	66	P	Pn	15 39 54.0 +1.4	MATE	Matera	7.01	319	fl/P	VRI	Vrincioia	10.77	15	fl/P	Pn	15 41 49.7 +1.2
THR3	Thira Island,	2.32	66	P	Pn	15 39 53.8 +1.1	MATE	Matera	7.01	319	S	VRI	Vrincioia	10.77	15	P	Pn	15 41 49.7 +1.2
THR3	Thira Island,	2.32	66	P	Pn	15 39 54.1 +1.3	MATE	Matera	7.01	319	S	VRI	Vrincioia	10.77	15	P	Pn	15 41 49.7 +1.2
TH11	Athinos (Pele	2.33	67	P	Pn	15 39 54.1 +1.3	VAE	Vaiguarnera	7.01	289	Pn	VAE	Vaiguarnera	10.87	329	ePn	Pn	15 41 47.5 -2.3
NRS	Neapolis	2.34	65	P	Pn	15 39 54.0 +1.3	VAE	Vaiguarnera	7.01	289	LR	NVLJ	Novolja	10.87	329	ePn	Pn	15 43 17.1 -8.3
THR7	Fira-Santorini	2.34	66	P	Pn	15 39 55.9 +2.8	VAE	Vaiguarnera	7.01	289	LR	NVLJ	Novolja	10.87	329	ePn	Pn	15 41 47.0 -3.4
SANT	Santorini	2.35	68	fl/P	Pn	15 39 55.3 +2.2	comp=N,254nm,20.1s,baz=128,slow=42			15 44 11.0	NVLJ	Novolja	10.87	329	ePn	Pn	15 41 47.0 -3.2	
SANT	Santorini	2.35	68	ePn	Pn	15 39 54.0 +0.9	VTS	Vitoshia	7.08	311	Pn	NHKL	Nakhli	10.96	117	P	Pn	15 41 47.3 -4.1
SANT	Santorini	2.35	68	P	Pn	15 39 54.4 +1.2	VTS	Vitoshia	7.08	311	Pn	RCY	Rachaya	10.97	97	eP	Pn	15 41 50.8 -2.6
SANT	Santorini	2.35	68	P	Pn	15 39 54.3 +1.0	VTS	Vitoshia	7.08	311	S	MORH	Morh	11.14	345	ePn	Pn	15 41 50.8 -2.6
SAP2K	Karaterados	2.35	67	P	Pn	15 39 55.0 +1.9	VTS	Vitoshia	7.08	311	S	MORH	Morh	11.14	345	fl/Pn	Pn	15 41 50.4 -3.0
SAP2K	SAP2K	2.35	67	S	Sn	15 40 23.1 +2.3	VTS	Vitoshia	7.08	311	S	DRGR	Drgr	11.27	360	fl/P	Pn	15 41 56.0 +0.7
IOSP	ios Island	2.37	59	P	Pn	15 39 54.6 +1.2	VTS	Vitoshia	7.08	311	S	DRGR	Drgr	11.27	360	fl/P	Pn	15 41 54.3 -1.0
THR8	Santorini-Mono	2.37	67	P	Pn	15 39 54.8 +1.4	CUC	Castrocuoco	7.09	311	ePn	BOJ	Bojanci	11.50	333	fl/Pn	Pn	15 41 56.9 -1.5
GUR	Goura	2.44	352	P	Pn	15 39 57.4 +2.0	ZATK	Zatriq	7.12	347	fl/Pg	BOJ	Bojanci	11.50	333	fl/Pn	Pn	15 41 56.9 -1.5
WLY	Voula-Athens	2.48	19	P	Pn	15 39 58.0 +2.0	ZATK	Zatriq	7.12	347	fl/Pg	BOJ	Bojanci	11.50	333	fl/Pn	Pn	15 41 56.9 -1.5
LTK	Loutraki	2.51	4	P	Pn	15 39 57.9 +2.5	ZATK	Zatriq	7.12	347	fl/Pg	BOJ	Bojanci	11.50	333	fl/Pn	Pn	15 41 56.9 -1.5
ATH	Athens Observa	2.57	17	P	Pn	15 39 59.0 +2.9	ZATK	Zatriq	7.12	347	fl/Pg	BOJ	Bojanci	11.50	333	fl/Pn	Pn	15 41 56.9 -1.5
ATH	Athens Observa	2.57	17	P	Pn	15 39 59.4 +3.2	ZATK	Zatriq	7.12	347	fl/Pg	BOJ	Bojanci	11.50	333	fl/Pn	Pn	15 41 56.9 -1.5
KLV	Kalavryta, Ach	2.58	349	P	Pn	15 39 59.1 +2.9	ZATK	Zatriq	7.12	347	fl/Pg	BOJ	Bojanci	11.50	333	fl/Pn	Pn	15 41 56.9 -1.5
DRO	Drossia	2.58	341	P	Pn	15 39 59.2 +2.8	ZATK	Zatriq	7.12	347	fl/Pg	BOJ	Bojanci	11.50	333	fl/Pn	Pn	15 41 56.9 -1.5
PE	Peiranthos	2.72	54	fl/P	Pn	15 40 00.1 +1.8	SG1	Sgolgore (BA)	7.16	320	S	LIJ	Ljubljana	12.01	321	fl/Pn	Pn	15 42 06.3 -2.0
APE	Apeiranthos	2.72	54	S	Sn	15 40 35.8 +5.9	DRME	Dracevica, Mon	7.23	338	fl/Pn	BURAR	Bucovina Array	12.23	8	fl/Pn	Pn	15 42 09.1 +0.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 00.1 +1.8	DRME	Dracevica, Mon	7.23	338	fl/Pn	BURAR	Bucovina Array	12.23	8	P	Pn	15 42 09.1 +0.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 00.1 +1.8	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	S	Sn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS	Javornik	12.29	330	fl/Pn	Pn	15 42 07.6 -1.6
APE	Apeiranthos	2.72	54	P	Pn	15 40 32.0 +2.1	DRME	Dracevica, Mon	7.23	338	fl/Pn	JAVS						

21d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like La Plagne, Malin Array Si, Kiev, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Novokhoporsky, GONSECA Array, Moscow, etc.

1184

Table with columns for station name, frequency, power, and other technical details. Includes stations like Lamto, Kilima Mbogo, Sufi-Kurgan, etc.

1185

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like YAK, HHC, CMAR, CMAR, CMAR, LAMP, LBNH, PHRA, SUKH, NANT, UTTA, LONN, CHAI, N59A, SEY, KLR, SSPA, ERPA, M54A, O56A, R58B, YKA, NJ2, NJ2, MCWV, E43A, E42A, K48A, N51A, O52A, P53A, E41A, USRK, K47A, O51A, L48A, ACSO, FFC, FFC, G42A, E40A, F41A, Q52A, N49A, E39A, F40A, ULM, ULM, O49A, N48A, P50A, P51A, F39A, G40A, H41A, I42A, N47A, K501, J43A, KSAR, KSAR, KSRS, KSRS, MDM, O48A, M46A, IL1, ILAR, ILAR, DAWY, P49A, F38A, R51A, G39A, H40A, T41N, H41A.

2012 SEP

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like J42A, S51A, P48A, KMCS, G38A, H39A, R50A, J41A, K42A, Q48A, R49A, J40A, U52A, T51A, TZTN, JFWS, V53A, L42A, S49A, U51A, V52A, T50A, J39A, K40A, WCI, L41A, P45A, R47A, Q46A, S48A, U50A, T49A, Y55, V51A, HDIL, K39A, Y54A, X53A, L40A, P44A, X52A, U49A, S47A, T48A, L39A, V50A, Z54A, W51A, Y53A, Q42A, R45A, GOGA, S46A, Q44A, U48A, W50A, T47A, Y52A, V49A, K37A, Z53A, X51A, O41A, P42A, T46A, U47A, PETK, V48A, P41A, Y51A, W49A, Z52A, N39A, X50B, Z54A, G58A, S44A, ECSD, V47A, W47A, W48A, X49A, Y50A, Z52A.

21d 16h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BDFB, Q41A, V46A, W47A, S43A, Y49A, X48A, Z40A, R41A, S42A, P39B, Z49A, O37A, L50A, Q39A, T42A, S41A, LRAL, X46A, P37A, Z48A, I49A, Q38A, T41A, U42A, Y46A, T40A, R38A, S39A, U41A, Y45A, S38A, MAT, MJAR, EGMT, U40A, U39A, T38A, RLMT, NEW, MSO, BOZ, K22A, PDAR, SDCO, CPUP, NVAR, WRA, ASAR, STKA.

IDC 21 16:10:02.8+0.2, 6.49S:102.80E, h0km, mb3.2/4, mb1 3.4/4, mb1mx3.3/36, mbtmp3.2/4, Error ellipse: s-maj=174.5km s-min=25.0km az=53.0, Southwest of Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CMAR, WRA, ASAR, MKAR.

IDC 21 16:20:49.0+0.8, 11.08S:163.31E, h0km, mb4.3/14, mb1 4.5/15, mb1mx3.4/31, mbtmp4.3/15, ML4.5/1, MS3.8/22, Ms1 3.8/22, ms1mx3.7/32, Error ellipse: s-maj=24.3km s-min=17.4km az=108.0

ISCJB 21 16:20:52.0+0.4, 11.12S:160.163E, h0.08, h31km, mb4.3/16, MS3.8/18, Error ellipse: s-maj=11.3km s-min=9.3km az=5.3

GCMT 21 16:20:52.0+0.4, 11.09S:0.02:163.43E:0.04, h21km, 1km, MW4.8/57, Moment tensor solution. s27,c36; s57,c81; Duration: 0 Moment tensor: Scale 1019Nm; Mr1.74z:14; Ms:1.44z:08; Mx:0.22z:09; Mz:0.77z:13; Mx:0.19z:06; Ms:0.04z:19; Best double couple: Ms1.77800-1016 NP1.94.94.00000; s58.00000; s86.00000; NP2: q=283.00000; s33.00000; s97.00000; Principal axes: T 1.9170, Plg77.00000; Azm351.00000; N -0.2750, Plg4.00000; Azm97.00000; P -1.6380, Plg13.00000; Azm188.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 21 16:20:55.0+0.5, 11.11S:163.35E, h35km, mb4.4/5 Error ellipse: s-maj=12.4km s-min=9.7km az=101.0

ISC 21 16:20:54.3+0.6, 11.17S:160.163E, h31km, n47, c166/41, mb4.3/16, MS3.8/18, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HNR, HNR, HNR, DZM, DZM, DZM, PMG, CTA.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JIRB, JIKM, MATB, SCLT, SSD, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SCPH, BUTP, MSLP, etc.

IDC 21 17:19:03.4 1.9, 5.44N, 73.78W, h164km, 18km, mb1 2.8/1, mb1mx2.6/25, mbtpm3.4/1, Error ellipse: s-maj=782.4km

ISCJB 21 17:19:04.5 0.9, 5.30N, 0.04, 73.74W, 0.04, h145km, 8km, Error ellipse: s-maj=7.0km s-min=5.2km az=42.6

RSNC 21 17:19:05.7 0.7, 5.29N, 73.76W, h139km, 4km, ML3.1 ISC 21 17:19:03.3 1.1, 5.28N, 0.05, 73.73W, 0.04, h157km, 8km, n21, e0591/34, 1, C, Colombia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CHIC, ROSC, NORC, AGZ, YOPC, BARC, etc.

IDC 21 17:18:58.5 3.3, 36.25N, 71.29E, h54km, 30km, mb3.8/17, mb1 4.0/21, mb1mx3.9/38, mbtpm4.1/21, ML2.4, Error ellipse: s-maj=21.1km s-min=13.3km az=15.0

BUI 21 17:19:03.3 36.51N, 71.29E, h96km, mb4.3/30, mb4.4/17 ISCJB 21 17:19:03.8 0.2, 36.46N, 0.02, 71.44E, 0.03, h114km, mb4.4/64, Error ellipse: s-maj=3.0km s-min=2.8km az=4.1

MOS 21 17:19:03.9 1.2, 36.56N, 71.39E, h106km, mb4.5/36, Error ellipse: s-maj=6.4km s-min=4.2km az=97.7

NEIC 21 17:19:04.2 0.6, 36.51N, 71.33E, h99km, 5km, mb4.6/36, Error ellipse: s-maj=5.2km s-min=4.5km az=179.0

NCC 21 17:19:06.2 2.0, 36.78N, 70.80E, h139km, 22km, mb4.2, mpv5.1, Error ellipse: s-maj=20.0km s-min=12.2km az=157.0

ISC 21 17:19:04.9 0.4, 36.46N, 0.04, 71.28E, 0.04, h114km, n246, e254/265, mb4.5/64, 2ZC-18D, Afghanistan-Tajikistan border region

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

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KBL, CEP, CHCP, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BRVK, ODAN, AKTO, etc.

21d 18h

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

2012 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Paso Flores, MEX 21, ATH 21, LUSAKA, etc.

1188

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include TCUT Toone Canyon, WRH Wood River Hill, CCB Clear Creek Bu, MDM Murphy Dome, etc.

ISK 21 19:48:43.9, 37.30N, 37.10E, h8km, ML2.0/2
ISCJB 21 19:48:44.6, 0.6, 37.30N, 0.03, 37.15E, 0.05, h9km, 5km,
Error ellipse: s-maj=6.8km s-min=5.3km az=143.6
DDA 21 19:49:40.8, 37.29N, 37.15E, h13km, ML2.5
ISC 21 19:48:44.1, 1.0, 37.33N, 0.03, 37.15E, 0.04, h11km, 8km,
n9, 0.95/16, Turkey

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include GAZ Gaziantep, KMRs Kahramanmaraş, KUZU Kuzuzini, etc.

ISCJB 21 20:38:47.8, 0.3, 35.79N, 0.04, 73.35E, 0.05, h10km,
mb4.1/21, MS3.5/1, Error ellipse: s-maj=5.5km
s-min=4.9km az=147.1
IDD 21 20:38:48.7, 1.0, 35.83N, 73.32E, h0km, mb3.8/1/1,
mb1.3/9/17, mb1mx3.8/50, mbtmp3.8/17, ML3.7, MS3.1/3,
Ms1.3/1.3, ms1mx2.5/40, Error ellipse: s-maj=23.4km
s-min=18.8km az=13.0
NEIC 21 20:38:55.2, 0.6, 36.02N, 73.30E, h40km, 6km, mb4.2/10,
Error ellipse: s-maj=6.7km s-min=5.7km az=150.0
NCC 21 20:38:56.4, 3.1, 36.12N, 73.00E, h7km, 13km, mb4.0,
mpv3.7, Error ellipse: s-maj=29.9km s-min=22.8km
az=99.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include NIL Nilore, KBL Kabul, Sufi Sufi-Kurgan, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include SFK 39nm, 0.8s, NRN 90nm, 1.1s, MNAS 2.0nm, 0.5s, MNAS 6.7nm, 1.0s, AAK Alalroha, etc.

ISC 21 20:44:36.6, 1.2, 10.54S, 113.95E, h0km, mb3.2/4,
mb1.3/4/4, mb1mx3.2/38, mbtmp3.2/4, Error ellipse:
s-maj=45.4km s-min=25.7km az=59.0, South of Jawa

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include NC405 NORSAR Array S, NC602 NORSAR Array S, etc.

ISC 21 20:44:36.6, 1.2, 10.54S, 113.95E, h0km, mb3.2/4,
mb1.3/4/4, mb1mx3.2/38, mbtmp3.2/4, Error ellipse:
s-maj=45.4km s-min=25.7km az=59.0, South of Jawa

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, SONM Songoing Array, MKAR Makanchi Array, etc.

IDC 21 20:49:53.6, 3.3, 27.17N, 88.57E, h0km, mb3.1/3,
mb1.3/4/3, mb1mx3.1/46, mbtmp3.2/3, Error ellipse:
s-maj=108.1km s-min=32.4km az=73.0, Sikkin

ISCJB 21 20:50:35.0, 0.6, 37.32N, 0.04, 37.11E, 0.06, h8km, 7km,
Error ellipse: s-maj=9.7km s-min=4.8km az=139.9
ISK 21 20:50:34.1, 37.35N, 37.14E, h6km, ML2.0/2
DDA 21 20:50:34.1, 37.29N, 37.10E, h13km, ML2.6
ISC 21 20:50:34.9, 1.0, 37.33N, 0.04, 37.12E, 0.05, h9km, 8km, n9,
0.95/16, Turkey

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include GAZ Gaziantep, KMRs Kahramanmaraş, KUZU Kuzuzini, etc.

MAN 21 21:08:05.1, 13.59N, 121.65E, h17km, mb4.4, ML3.3,
MS3.1/3, Mindoro

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include BOAC Boac, PGP Puerto Galera, etc.

ISCJB 21 21:14:31.7, 0.5, 24.30S, 0.06, 67.29W, 0.05, h178km,
Error ellipse: s-maj=9.1km s-min=4.4km az=29.0
SJA 21 21:14:31.1, 0.3, 24.31S, 67.23W, h182km, 12km, ML2.8

GUC 21 21:14:33.8, 0.6, 24.18S, 67.80W, h220km, 11km, ML4.0
ISC 21 21:14:31.7, 1.2, 24.31S, 0.07, 67.26W, 0.05, h178km, n14,
0.1509/24, SC-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include AZAP Zapla, HJA Humahuaca, FSA Cafayete, etc.

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

ISCJB 21 21:17:07.5:0.3,28:43S:0.03:67:68W:0.04,h129km,5km, mb3.8/4, Error ellipse: s-maj=5.9km s-min=4.7km az=140.2

SJA 21 21:17:07.5:0.6,28:46S:67:65W,h128km,3km,ML4.0, MW4.2

GUC 21 21:17:08.4:0.6,28:44S:67:75W,h135km,4km,ML4.3

ICD 21 21:17:10.0:0.9,28:41S:67:47W,h126km,5km,mb3.7/4, mb1 3.6/6, mb1mx3.3/4, mbtmp4.0/6, Error ellipse: s-maj=35.0km s-min=20.5km az=104.0

ISC 21 21:17:08.7:0.7,28:42S:0.04:67:67W:0.04,h125km,5km, n39, c090/53, mb4.0/4, 5C-1D, La Rioja Province

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AGUA GUANDACOL, AGUA Choyo, AGUA Cuesta del Vie, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ACCO Cerro Coronel, ACCO Cerro Coronel, AMOG MOGNA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FSA Cafayete, RTLL Cerro Villicun, GO04 Tololo Observa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RTCV Cerro Valdivia, ACAN Cantantal, TCA Tanti, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AAGR Agrelo, AZAP Zapla, ASTB Santa Barbara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SYO Syowa Base, DBIC Dimboiro, TOR Torodi Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SCPH Surigao, SCPH Surigao, BUTP Butuan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JYT Hitachi, JHO Hitachi, BSO3 Boso 3, etc.

ISCJP 21 21:49:07.4:0.6,36:52N:0.05:82:56E:0.08,h10km, mb3.5/12, MS2.6/1, Error ellipse: s-maj=9.7km s-min=7.0km az=173.5

ICD 21 21:49:07.3:0.7,36:40N:82:53E,h0km,mb3.6/13, mb1 3.9/18, mb1mx3.7/50, mbtmp3.8/18, ML3.6/5, MS2.8/1, Ms1 2.8/1, ms1mx2.2/39, Error ellipse: s-maj=21.0km s-min=14.0km az=53.0

BJI 21 21:49:07.3:36:33N:82:46E,h5km,ML4.1/8

NNC 21 21:49:12.7:1.7,36:57N:82:50E,h18km,7km,mb4.3, mpv4.2, Error ellipse: s-maj=11.9km s-min=8.1km az=121.0

ISC 21 21:49:09.2:0.8,36:46N:0.08:82:48E:0.08,h10km,n31, c1537/31, mb3.6/12, 17C-7D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSH Kashi, KSH Kashi, KSH comp=N,300nm,0.9s, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MDOK Medeo, MDOK Medeo, SFK Sufi-Kurgan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, SFK Sufi-Kurgan, SFK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, AAK Ala-Archa, MNAS Manas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MNAS Manas, MNAS Manas, MK31 Makanchi Array, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAKZ Makanchi, MAKZ Makanchi, KK31 Kurkuch Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KK31 Kurkuch Array, KK31 Kurkuch Array, KK31 Kurkuch Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAK, KRX Arik, KRX Arik, KDR Khodutka, etc.

ICD 21 22:28:19.6:4.4,11:09N:84:43W,h0km,mb3.8/3, mb1 4.2/3, mb1mx3.7/24, mbtmp3.8/31, MS3.5/1, Ms1 3.4/1, ms1mx2.6/20, Error ellipse: s-maj=235.2km s-min=66.2km az=39.0

UCR 21 22:28:23.1:2.1,10:13N:85:69W,h18km,4km,MD3.7, ML3.3

ISCJB 21 22:28:26.7:1.9,11:15N:0.09:84:93W:0.10,h23km,17km, mb3.6/9, MS3.5/1, Error ellipse: s-maj=21.6km s-min=6.8km az=136.5

ISC 21 22:28:23.1:1.5,11:27N:0.04:84:88W:0.05,h8km,10km, n23, c196/27, mb3.5/3, 4D, Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MESS Mesas, MESS Mesas, ACAL Aguas Claras, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ACAL Aguas Claras, ACAL Aguas Claras, ACAL Cuipalpa, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ACAL Guadaparques, ACAL Guadaparques, ACAL Borinquen Arri, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ACAL Borinquen Arri, ACAL Borinquen Arri, ACAL Colonia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ACAL Colonia, ACAL Colonia, ACAL Finca la Perla, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ACAL Finca la Perla, ACAL Finca la Perla, ACAL Universidad de, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ACAL Universidad de, ACAL Universidad de, ACAL BOAC BROADBAN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ACAL BOAC BROADBAN, ACAL BOAC BROADBAN, ACAL HDC Heredia, etc.

Table with columns: KK31, Karatay Array, 6.78, 2, P, Pn, 23 01 03.2 +1.8, etc. Lists various stations and their coordinates.

Table with columns: LSA, Lhasa, 18.74, 105, eP, P, 23 03 37.3 +1.3, etc. Lists various stations and their coordinates.

Table with columns: KERG, KADH, KADHani, 1.70, 358, iS, Sg, 23 25 12.6 -0.1, etc. Lists various stations and their coordinates.

LDG 22 01:16:07.4-0.1, 43.91N-17.18E, h10km, M12.9/6, Error ellipse: s-maj=4.6km s-min=2.8km az=2.02

ISC 22 01:16:05.3-1.1, 43.73N-0.02, 17.06E, 0.2, h9km, 9km, n108, e155/182, 30C-9D, Northwestern Balkan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like STON, BLY, UDBI, etc.

Table with columns: MOA, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like TIP, PSZ, VTS, etc.

DMN 22 01:34:22.1±0.4, 22.03N-93.08E, h10km, M14.6/10, Error ellipse: s-maj=29.7km s-min=6.7km az=39.0

ISC 22 01:34:25.1±2.2, 22.88N-93.88E, h101km, 25km, mb3.5/6, mb1 3.6/8, mb1mx3.2/56, mbtmp3.8/8, Error ellipse: s-maj=27.2km s-min=13.9km az=51.0

ISC 22 01:34:21.8±0.9, 23.22N-01.9388E-0.10, h58km, n20, e274/32, mb3.9/6, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BRDH, CMAR, ODAN, etc.

ISC/CB 22 01:39:43.9±1.2, 9.95S-108.73W-0.09, h10km, mb4.5/78, MS3.8/12, Error ellipse: s-maj=24.2km s-min=12.2km az=9.7

ISC 22 01:39:50.5±1.3, 8.94S-109.12W, h0km, mb4.1/8, mb1 4.3/8, mb1mx4.1/25, mbtmp4.1/8, MS3.8/13, Ms1 3.7/13, ms1mx3.6/18, Error ellipse: s-maj=51.8km s-min=20.3km az=52.0

NEIC 22 01:39:51.1±0.7, 9.19S-109.00W, h10km, mb4.6/70, Error ellipse: s-maj=16.8km s-min=12.7km az=63.0

ISC 22 01:39:49.7±1.0, 9.35S-109.4W-0.2, h10km, n191, e4138/170, mb4.5/78, MS3.8/12, Central East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like RPN, RKT, CMIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BC3, BNM, MSTX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DRN Derbent, GROG Groznyy, KSMR Kasumkent, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKTO Aktyubinsk, AKASG Akasg, ARU Arti, etc.

NEIC 22 02:55:24.8, 0.0, 40.47N; 124.43W, h24km, MW3.5(BRK), After NCEDC.

NEIC Feat [III] at Petrolia and [II] at Eureka. Also felt at Ferndale. ISC 22 02:55:24.0, 1.2, 40.47N; 0.03, 124.45W; 0.06, h31km, gkm, n82, c100/102, Near coast of northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KCTM Capetown, KSMO Sledge Mountain, KMRM Mid Ridge, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L04D Klamath Falls, L04D Butte Creek Ri, L04D Hull Mountain, etc.

IDD 22 03:06:24.3, 2.0, 1.72S; 116.17E, h0km, mb3.8/4, mb4.0/4, mb1mx3.6/5.1, mbtmp3.8/4, MS4.4/2, M5.1 4.4/2, ms1mx2.9/4.3, Error ellipse: s-maj=156.8km s-min=20.9km az=59.0

DJA 22 03:06:25.3, 0.5, 2.5, 4.1, 1.1, 6E, h66km, 12km, M4.1/10, MB4.9/2, mb4.1/4, MLV4.0/10, Mw(mB)4.2

ISCJB 22 03:06:27.0, 6.1, 6.3S; 0.05, 116.39E; 0.06, h33km, mb3.8/4, MS4.0/3, Error ellipse: s-maj=9.2km s-min=7.4km az=12.6

ISC 22 03:06:29.1, 1.0, 1.63S; 0.06, 116.37E; 0.06, h35km, n19, c15.3, mb3.7/4, MS4.3/3, Borneo

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BKB Balikpapan, SMKI Samarinda, MTKI Muara Teweh, etc.

RSNC 22 03:06:37.8, 0.9, 5.34N; 77.58W, h6km, 6km, ML3.0, Mw3.5, IDC 22 03:06:49.6, 3.7, 5.00N; 77.04W, h103km, 30km, mb3.4/5, mb1 3.5/6, mb1mx3.2/26, mbtmp3.7/6, Error ellipse: s-maj=32.4km s-min=28.7km az=85.0

ISC 22 03:06:36.2, 1.6, 5.37N; 0.03, 77.45W; 0.06, h5km, 11km, n23, c1970/31, mb3.5/5, Near coast of Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOLC Bahia Solano, SOLC San Jose del, MALC Bahia Malaga, etc.

WEL 22 03:20:40.4, 38'S; 107°19'E, h33km, ML3.7/22, Off east coast of North Island

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

Table with columns: TSZ, Takapari Road, 3.57 224, P, Pn, 03 21 32.5 -1.0, etc.

IDC 22 03:44:33.37.3.9,93S:120.91E,h0km,mb4.0/1, mb1 3.8/4,mb1mx3.5/41,mbtmp3.7/4,ML3.6/3,Error ellipse: s-maj=97.5km s-min=68.5km az=149.0,Sumba region

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

ISB 22 03:51:05.8,34.98N:26.91E,h8km,ML4.0/1/6, ISCB 22 03:51:09.6,0.2,35.04N:0.02,27.14E,0.02, h42km,3km, mb4.2/35,MS4.6/1, Error ellipse: s-maj=3.0km

ATH 22 03:51:10.9,35.26N:26.94E,h26km,1km,ML4.0/10, Error ellipse: s-maj=2.8km s-min=1.0km az=149.0

NEIC 22 03:51:10.9,0.0,35.20N:27.01E,h4km,mb4.3/7, ML4.2(THE) After THE

GII 22 03:51:10.4,0.4,35.02N:27.04E,h49km, IDIC 22 03:51:10.6,1.9,35.26N:26.94E,h34km,15km,mb4.0/2/4, mb1 4.0/32,mb1mx4.0/45,mbtmp4.2/32,ML2.6/8,MS4.2/1, Ms1 4.2/1,ms1mx3.0/15, Error ellipse: s-maj=13.9km s-min=9.4km az=159.0

THE 22 03:51:10.9,35.20N:27.01E,h4km,1km,ML4.2/4, Error ellipse: s-maj=2.7km s-min=0.7km az=327.0

HLW 22 03:51:11.6,34.90N:27.27E,h11km,1km,ML4.3, MOS 22 03:51:11.6,1.4,35.22N:27.05E,h58km,mb4.3/20, Error ellipse: s-maj=15.8km s-min=4.8km az=70.1

NIC 22 03:51:13.2,0.3,35.61N:27.41E,h86km,mb4.3,ML3.8 DDA 22 03:51:49.6,35.18N:27.08E,h34km,ML4.2

ISC 22 03:51:10.0,0.9,35.14N:0.03,27.04E,0.02,h30km,6km, n269,r165/307,mb4.2/35,2C-1D,Dodecanese Islands

Main table of station data for the Dodecanese Islands region, including columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC

Main table of station data for the Aegean region, including columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC

Main table of station data for the Eastern Mediterranean region, including columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC

Main table containing flight data with columns for flight number, airline, origin, destination, departure time, arrival time, status, and other details. The table is organized into multiple columns and rows, with some rows containing multiple flight entries.

22d 3h

Table with columns: Call Sign, Name, Time, Frequency, Mode, Power, SNR, and other technical details. Includes stations like RAYN, MESJ, NORSAR, etc.

2012 SEP

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

1202

Table with columns: Call Sign, Name, Time, Frequency, Mode, Power, SNR, and other technical details. Includes stations like KURK, MDOK, KSH, etc.

22d 3h

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like BLA Blackburg, G41A Antigo, F40A Park Falls, etc.

2012 SEP

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like Q49A Aurora, P48A Milroy, I40A Paris, etc.

1204

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like WCI Wyandotte Cave, P45A Graceland, P45A Graceland, etc.

GOGA	Godfrey	comp=Z,44nm,1.1s	81.22 306	P	P	04 04 41.9 +0.8
V49A	McMillinville	baz=50,SNR=23	81.23 309	P	P	04 04 41.6 +0.5
W50A	Signal Mountai	comp=Z,90nm,0.9s	81.23 308	eP	P	04 04 42.2 +1.1
W50A	Signal Mountai	baz=49,SNR=38	81.23 308	P	P	04 04 42.1 +0.9
EYAK	Cordova Ski Ar	comp=Z,76nm,1.1s	81.25 354	eP	P	04 04 41.5 +0.9
O41A	Passleys Farm,	baz=47,SNR=29	81.26 315	P	P	04 04 41.3 +0.1
SCIA	State Center	comp=Z,50nm,0.8s	81.31 317	eP	P	04 04 42.0 +0.6
SCIA	State Center	baz=46,SNR=7.1	81.31 317	P	P	04 04 41.6 +0.3
Y52A	Liburn	comp=Z,63nm,0.8s	81.31 306	eP	P	04 04 42.6 +1.0
Y52A	Liburn	baz=50,SNR=35	81.31 306	P	P	04 04 42.5 +1.0
P42A	Winchester	comp=Z,108nm,1.0s	81.32 314	eP	P	04 04 42.2 +0.8
P42A	Winchester	baz=47	81.32 314	P	P	04 04 41.7 +0.2
X51A	Calhoun	comp=Z,98nm,0.8s	81.36 307	eP	P	04 04 42.7 +0.9
X51A	Calhoun	baz=49,SNR=9.1	81.36 307	P	P	04 04 42.7 +0.9
Z53A	Monticello	baz=50,SNR=20	81.37 306	P	P	04 04 42.7 +0.9
Q43A	New Douglas	baz=47,SNR=10.0	81.38 313	P	P	04 04 42.5 +0.6
K36A	Gilmore City	baz=45,SNR=12	81.45 318	P	P	04 04 42.6 +0.4
R44A	Waltonville Cent	baz=48,SNR=16	81.49 312	P	P	04 04 42.7 +0.3
154A	Montrose	comp=Z,63nm,1.0s	81.50 305	eP	P	04 04 44.0 +1.5
154A	Montrose	baz=50,SNR=7.0	81.50 305	P	P	04 04 43.5 +1.0
255A	Hazlehurst	comp=Z,69nm,1.0s	81.53 304	eP	P	04 04 43.6 +0.9
255A	Hazlehurst	baz=49,SNR=8.3	81.53 304	P	P	04 04 43.6 +0.9
S45A	Carrier Mills	baz=48	81.58 312	P	P	04 04 43.1 +0.2
T46A	Princeton	baz=46,SNR=14	81.60 311	P	P	04 04 43.2 +0.2
SWET	Sewanee	comp=Z,23nm,1.0s	81.61 308	eP	P	04 04 43.9 +0.8
U47A	Clarksville	baz=48,SNR=4.0	81.63 310	P	P	04 04 43.3 +0.2
N39A	Derby Farms, D	comp=Z,36nm,1.0s	81.63 316	eP	P	04 04 43.5 +0.3
N39A	Derby Farms, D	baz=46,SNR=23	81.63 316	P	P	04 04 43.1 0.0
P41A	Barry, Barry	comp=Z,21nm,1.0s	81.66 314	eP	P	04 04 43.4 +0.1
ASAJ	Asahikawa	baz=47,SNR=16	81.76 39	eP	P	04 04 42.8 -0.9
DGMT	Dagmar	comp=Z,34nm,1.1s	81.77 327	eP	P	04 04 44.7 +0.9
DGMT	Dagmar	baz=40,SNR=5.7	81.77 327	P	P	04 04 44.0 +0.2
ECSD	EROS Data Cent	comp=Z,98nm,0.8s	81.78 320	eP	P	04 04 44.3 +0.4
ECSD	EROS Data Cent	baz=44,SNR=34	81.78 320	P	P	04 04 44.0 +0.2
V48A	Smith Brothers	comp=Z,48nm,1.0s	81.81 309	eP	P	04 04 44.5 +0.3
V48A	Smith Brothers	baz=48,SNR=17	81.81 309	P	P	04 04 44.5 +0.3
W49A	Belvidere	baz=49,SNR=28	81.88 308	P	P	04 04 44.9 +0.4
BESE	Bessie Mountai	comp=Z,45nm,1.0s	81.88 344	eP	P	04 04 45.4 +1.3
Q42A	Golden Eagle	baz=47,SNR=22	81.88 314	P	P	04 04 45.1 +0.6
SLM	Saint Louis	comp=Z,108nm,1.1s	81.90 313	eP	P	04 04 45.3 +0.7
SLM	Saint Louis	baz=49,SNR=36	81.92 307	P	P	04 04 45.7 +1.0
Y51A	Rockmart	baz=49,SNR=13	81.92 308	P	P	04 04 45.5 +0.7
X50B	Fort Payne	baz=49,SNR=27	81.93 312	eP	P	04 04 45.3 +0.6
SIUC	Southern Ilin	comp=Z,14nm,0.9s	81.94 318	P	P	04 04 44.8 +0.1
L36A	Harm Buss Farm	baz=45,SNR=8.6	81.94 305	P	P	04 04 45.2 +0.3
153A	Fort Valley	baz=50	81.97 313	P	P	04 04 45.4 +0.4
R43A	Red Bud	baz=47,SNR=23	81.97 312	P	P	04 04 45.2 +0.3
S44A	Carbondale	baz=48,SNR=12	81.97 312	P	P	04 04 45.2 +0.3
Z52A	Williamson	baz=49,SNR=21	81.97 306	P	P	04 04 45.8 +0.8
254A	Abbeville	baz=50,SNR=11	82.05 304	P	P	04 04 46.2 +0.8
O39A	Kirkville	baz=48,SNR=21	82.09 316	P	P	04 04 45.7 +0.2
JIS	Juneau Island	comp=Z,50nm,1.1s	82.09 348	eP	P	04 04 45.1 0.0
355A	Pearson	baz=50,SNR=5.3	82.14 304	P	P	04 04 46.8 +0.8
WVW	Waverly	comp=Z,33nm,0.9s	82.16 310	eP	P	04 04 45.8 -0.2
WVW	Waverly	baz=48	82.16 310	P	P	04 04 45.8 -0.2
WVW	Waverly	comp=Z,33nm,0.9s	82.16 310	eP	P	04 04 45.8 -0.2
WVW	Waverly	baz=48	82.16 310	P	P	04 04 45.8 -0.2
V47A	Nunnely	baz=49,SNR=19	82.18 310	P	P	04 04 45.9 -0.2
U46A	Springville	baz=48,SNR=12	82.22 310	P	P	04 04 46.4 +0.1
Q41A	Truxton	baz=46,SNR=40	82.25 314	P	P	04 04 46.9 +0.5
W48A	Pulaski	baz=48,SNR=26	82.27 309	P	P	04 04 46.9 +0.3
X49A	Woodville	baz=49,SNR=48	82.31 308	P	P	04 04 47.1 +0.3
Y50A	Piedmont	baz=49,SNR=20	82.35 307	P	P	04 04 47.6 +0.6
BRLK	Bradley Lake	comp=Z,76nm,1.0s	82.35 357	eP	P	04 04 46.9 +0.4
Z51A	Franklin	baz=49,SNR=7.8	82.37 306	P	P	04 04 47.9 +0.7
SUSD	Miller	baz=42,SNR=10	82.42 322	P	P	04 04 47.5 +0.3
FVM	French Village	comp=Z,77nm,0.9s	82.45 313	eP	P	04 04 48.9 +1.4
FVM	French Village	baz=48	82.45 313	P	P	04 04 48.9 +1.4
R42A	Luebbering	baz=47,SNR=13	82.46 313	P	P	04 04 47.9 +0.4
152A	Waverly Hall	comp=Z,34nm,0.8s	82.50 306	eP	P	04 04 48.7 +0.9
152A	Waverly Hall	baz=49,SNR=22	82.50 306	P	P	04 04 48.5 +0.7
253A	Americus	comp=Z,113nm,1.1s	82.52 305	eP	P	04 04 49.1 +1.2
253A	Americus	baz=48,SNR=13	82.52 305	P	P	04 04 48.4 +0.5
S43A	Fulton Ridge	baz=47,SNR=50	82.53 312	P	P	04 04 48.5 +0.6
V46A	Holladay	baz=48,SNR=60	82.56 310	P	P	04 04 48.0 -0.1
TIGA	Tifton	comp=Z,66nm,1.0s	82.57 304	eP	P	04 04 49.3 +1.1
TIGA	Tifton	baz=50,SNR=6.4	82.57 304	P	P	04 04 49.0 +0.8
T44A	Benton	baz=47,SNR=12	82.57 312	P	P	04 04 48.3 +0.3
U45A	Rockin P Farm,	baz=48	82.58 311	P	P	04 04 48.0 -0.2
CNPM	China Poot	comp=Z,71nm,1.1s	82.60 357	eP	P	04 04 48.2 +0.3
W47A	Westport	baz=48,SNR=22	82.61 309	P	P	04 04 48.3 0.0
O38A	Galt	baz=45,SNR=16	82.69 316	P	P	04 04 49.2 +0.5
556A	Lake Butler	baz=50	82.71 302	P	P	04 04 49.8 +0.9

P39B	Salisbury	baz=46,SNR=35	82.74 315	P	P	04 04 49.5 +0.6
R41A	Rosebud	baz=46,SNR=50	82.78 314	P	P	04 04 49.6 +0.4
Y49A	Blount Mountai	comp=Z,29nm,0.9s	82.80 308	eP	P	04 04 50.1 +0.7
Y49A	Blount Mountai	baz=48,SNR=20	82.80 308	P	P	04 04 49.8 +0.4
X48A	Hartselle	comp=Z,39nm,0.8s	82.80 308	eP	P	04 04 50.0 +0.6
X48A	Hartselle	baz=48,SNR=36	82.80 308	P	P	04 04 49.8 +0.4
S42A	Caledonia	comp=Z,31nm,1.0s	82.81 313	P	P	04 04 49.6 +0.3
Z50A	Ashland	comp=Z,31nm,1.0s	82.89 307	eP	P	04 04 50.1 +0.3
Z50A	Ashland	baz=49,SNR=17	82.89 307	P	P	04 04 50.3 +0.5
859A	Kemper Cattle	baz=50	82.92 300	P	P	04 04 51.1 +1.0
U44B	Burton Farm, H	baz=47	82.94 311	P	P	04 04 50.3 +0.3
252A	Lumpkin	baz=49,SNR=12	82.95 305	P	P	04 04 50.5 +0.4
PARMO	Parma	comp=Z,124nm,0.9s	82.95 312	eP	P	04 04 51.0 +0.9
151A	Opelika	baz=49,SNR=6.5	82.98 312	P	P	04 04 51.0 +0.7
T43A	Greenville	baz=47,SNR=28	82.98 306	P	P	04 04 50.8 +0.6
555A	McAlpin	comp=Z,44nm,1.1s	83.00 303	eP	P	04 04 50.9 +0.5
U44A	Portageville	baz=47,SNR=7.6	83.02 311	P	P	04 04 50.7 +0.3
O37A	Wolfen Farm, M	baz=45,SNR=20	83.03 316	P	P	04 04 50.9 +0.5
353A	Camilla	comp=Z,38nm,0.8s	83.03 304	P	P	04 04 51.3 +0.7
PLAL	Pickwick Lake	comp=Z,52nm,1.0s	83.08 309	eP	P	04 04 50.6 -0.2
V45A	Humbolt	baz=48	83.10 310	P	P	04 04 50.6 -0.3
W46A	Michie	baz=48,SNR=14	83.16 310	P	P	04 04 50.8 -0.4
Q39A	Willow Grove F	baz=46,SNR=13	83.17 315	P	P	04 04 51.8 +0.7
656A	Willston	comp=Z,78nm,1.0s	83.20 302	eP	P	04 04 52.4 +1.0
656A	Willston	baz=50	83.20 302	P	P	04 04 52.3 +0.8
Y48A	Jasper	baz=48,SNR=15	83.23 308	P	P	04 04 51.5 -0.1
X47A	Russellville	baz=49	83.25 309	P	P	04 04 51.3 -0.4
PBMO	Poplar Bluff	comp=Z,36nm,0.9s	83.27 312	eP	P	04 04 52.3 +0.5
Z49A	Columbiana	baz=48,SNR=18	83.31 307	P	P	04 04 52.6 +0.6
251A	Midway	baz=49,SNR=17	83.32 306	P	P	04 04 52.6 +0.5
150A	Eclectic	baz=49,SNR=17	83.37 306	P	P	04 04 53.0 +0.7
352A	Blakely	comp=Z,39nm,0.8s	83.41 305	eP	P	04 04 52.6 +0.1
SIT	Sitka	comp=Z,63nm,1.1s	83.41 348	eP	P	04 04 52.6 +0.6
453A	Whigham	comp=Z,52nm,1.1s	83.42 304	eP	P	04 04 54.1 +1.5
S41A	Jilco Farms,	baz=46,SNR=61	83.48 313	P	P	04 04 53.7 +0.9
T42A	Van Buren	comp=Z,35nm,0.9s	83.49 313	eP	P	04 04 53.6 +0.8
T42A	Van Buren	baz=46	83.49 313	P	P	04 04 53.4 +0.6
WRAK	Wrangell Islan	comp=Z,20nm,0.8s	83.50 346	eP	P	04 04 53.8 +1.3
554A	Peri	baz=50	83.50 303	P	P	04 04 53.6 +0.6
U43A	Rector	baz=47	83.54 312	P	P	04 04 53.3 +0.2
P37A	Lathrop	baz=48,SNR=32	83.55 316	P	P	04 04 53.4 +0.3
ERM	Erimo	comp=Z,26nm,1.1s	83.57 40	eP	P	04 04 52.6 -0.6
ERM	Erimo	comp=Z,26nm,1.1s	83.57 40	eP	P	04 04 52.1 -1.0
ERM	Erimo	comp=Z,42nm,1.3s			MLR	
GNAR	Gosnell	comp=Z,144nm,16.0s	83.58 311	eP	P	04 04 54.3 +0.9
Q38A	Cooks Store, C	baz=45,SNR=21	83.58 315	P	P	04 04 54.0 +0.7
W45A	Hickory Valley	baz=48,SNR=12	83.63 310	P	P	04 04 53.3 -0.4
Y47A	UCPARC, Winfie	baz=48,SNR=12	83.66 308	P	P	04 04 53.6 -0.2
X46A	Booneville	baz=49,SNR=32	83.67 309	P	P	04 04 53.6 -0.2
LRAL	Lakeview Retre	comp=Z,81nm,1.1s	83.71 307	eP	P	04 04 54.8 +0.7
LRAL	Lakeview Retre	baz=48,SNR=37	83.71 307	P	P	04 04 54.8 +0.7
Z48A	Northport	baz=48,SNR=23	83.83 308	P	P	04 04 54.8 +0.2
149A	Jones	baz=48,SNR=37	83.86 307	P	P	04 04 55.7 +0.8
T41A	Mountain View	baz=46,SNR=83	83.87 313	P	P	04 04 55.7 +0.9
250A	Grady	comp=Z,94nm,1.1s	83.94 306	eP	P	04 04 56.1 +0.9
250A	Grady	baz=49,SNR=18	83.94 306	P	P	04 04 55.9 +0.6

22d 3h

MIAR	comp=Z,89nm,0.8s baz=45,SNR=63	86.67 312	P	P	04 05 09.8 +1.0
244A	Avery, Jackson baz=46,SNR=40	86.67 309	P	P	04 05 10.2 +1.3
446A	Poplarville	86.70 307	P	P	04 05 10.6 +1.5
345A	Thompson Farm, baz=47,SNR=8.4	86.77 308	P	P	04 05 10.9 +1.6
Y40A	Okolona baz=45,SNR=15	86.86 312	P	P	04 05 10.9 +1.1
NEW	Newport comp=Z,72nm,0.8s	86.90 334	eP	P	04 05 10.0 +0.2
NEW	Newport	86.90 334	eP	Pmax	04 05 10.0 +0.2
NEW	Newport comp=Z,72nm,0.8s baz=30,SNR=73	86.90 334	eP	P	04 05 10.0 +0.2
TUL1	Leonard comp=Z,125nm,0.8s	86.97 314	eP	P	04 05 11.0 +0.7
TUL1	Leonard	86.97 314	P	P	04 05 10.8 +0.5
CBKS	Cedar Bluff baz=44,SNR=55	86.98 319	eP	P	04 05 10.7 +0.3
CBKS	Cedar Bluff comp=Z,38nm,0.8s	86.98 319	eP	Pmax	04 05 10.7 +0.3
CBKS	Cedar Bluff comp=Z,38nm,0.8s baz=42,SNR=15	86.98 319	P	P	04 05 10.6 +0.2
MSO	Missoula comp=Z,26nm,0.9s	86.98 332	eP	P	04 05 10.3 -0.1
MSO	Missoula	86.98 332	P	P	04 05 10.2 -0.1
X39A	Fountain Ranch baz=45,SNR=24	87.00 312	P	P	04 05 11.6 +1.1
142A	Monroe baz=46	87.09 310	P	P	04 05 11.9 +1.0
344A	Westbrook Farm comp=Z,74nm,1.1s	87.10 308	eP	P	04 05 12.9 +1.9
344A	Westbrook Farm baz=46,SNR=17	87.10 308	P	P	04 05 12.5 +1.5
241A	Richland Creek comp=Z,78nm,0.8s	87.11 311	P	P	04 05 12.5 +1.5
241A	Richland Creek baz=45,SNR=13	87.11 311	P	P	04 05 12.1 +1.1
BOZ	Bozeman (W) comp=Z,23nm,0.9s	87.12 330	eP	P	04 05 11.7 +0.6
BOZ	Bozeman (W)	87.12 330	eP	Pmax	04 05 11.7 +0.6
BOZ	Bozeman comp=Z,23nm,0.9s	87.12 330	eP	Pmax	04 05 11.4 +0.4
BOZ	Bozeman (W) baz=34,SNR=40	87.12 330	P	P	04 05 12.8 +0.8
SDV	Santo Domingo comp=Z,19nm,1.0s	87.22 279	eP	P	04 05 12.0 +0.2
LRM	Limekiln Ridge baz=46	87.27 309	P	P	04 05 12.9 +1.1
243A	Waterproof	87.27 309	P	P	04 05 12.9 +1.1
546A	Sidell baz=47	87.30 307	P	P	04 05 14.4 +2.5
K22A	Casper comp=Z,68nm,0.8s	87.34 325	P	P	04 05 11.7 -0.5
K22A	Casper baz=38,SNR=44	87.34 325	P	P	04 05 11.6 -0.5
445A	Amite baz=46	87.35 308	P	P	04 05 13.9 +1.7
YNR	Norris Junctio comp=Z,8.3nm,0.8s	87.46 329	eP	P	04 05 14.4 +1.6
Z40A	Long Farm, Mag baz=48	87.47 311	P	P	04 05 13.8 +1.1
LKWY	Lake comp=Z,26nm,0.9s	87.47 329	eP	P	04 05 15.2 +2.4
LKWY	Lake	87.47 329	eP	Pmax	04 05 15.3 +2.4
YHH	Holmes Hill comp=Z,26nm,0.9s	87.47 329	eP	P	04 05 14.1 +1.1
B08A	Colville Reser comp=Z,23nm,1.2s	87.55 336	eP	P	04 05 12.6 -0.3
242A	Grayson comp=Z,10nm,0.9s	87.55 310	P	P	04 05 14.1 +0.9
444A	Pine Grove baz=46,SNR=10	87.62 308	P	P	04 05 14.9 +1.4
YMR	Madison River comp=Z,33nm,0.9s	87.63 329	eP	P	04 05 15.2 +1.6
141A	Papa Simpson, baz=45	87.63 310	P	P	04 05 14.7 +1.2
YHB	Horse Butte comp=Z,25nm,0.9s	87.64 329	eP	P	04 05 14.7 +1.0
QLMT	Earthquake Lak comp=Z,16nm,1.0s	87.67 329	eP	P	04 05 15.1 +1.3
H17A	Grant Village comp=Z,23nm,0.8s	87.68 329	eP	P	04 05 16.4 +2.5
H17A	Grant Village baz=35	87.68 329	P	P	04 05 16.0 +2.0
DLMT	Dillon comp=Z,16nm,1.0s	87.70 330	eP	P	04 05 14.3 +0.5
YFT	Old Faithful comp=Z,24nm,0.8s	87.74 329	eP	P	04 05 17.0 +2.8
PHWY	Pilot Hill comp=Z,75nm,1.1s	87.91 324	eP	P	04 05 15.4 +0.3
FLWY	Flagg Ranch comp=Z,29nm,0.9s	87.99 328	eP	P	04 05 17.0 +1.7
140A	Cam and Jess, comp=Z,53nm,0.9s	88.00 311	eP	P	04 05 17.4 +2.1
140A	Cam and Jess, baz=46	88.00 311	P	P	04 05 16.7 +1.4
241A	Mo Tay, Gordon baz=45	88.05 310	P	P	04 05 16.0 +0.5
342A	Flagon Creek P comp=Z,52nm,1.1s	88.14 309	eP	P	04 05 17.6 +1.7
342A	Flagon Creek P baz=46,SNR=9.2	88.14 309	P	P	04 05 17.0 +1.0
IMW	Indian Meadow comp=Z,25nm,1.0s	88.24 328	eP	P	04 05 17.7 +1.1
MCMT	McKenzie Canyo comp=Z,14nm,0.8s	88.24 330	eP	P	04 05 16.9 +0.3
MOOW	Moose Ponds comp=Z,14nm,0.8s	88.28 328	eP	P	04 05 17.3 +0.5
KSCO	Kaye Shedlock comp=Z,17nm,0.9s	88.31 321	eP	P	04 05 17.3 +0.5
KSCO	Kaye Shedlock baz=40,SNR=20	88.31 321	P	P	04 05 17.2 +0.3
LOHW	Long Hollow comp=Z,12nm,0.9s	88.34 328	eP	P	04 05 17.4 +0.4
RWWY	Rawlins comp=Z,7.2nm,1.1s	88.41 325	eP	P	04 05 17.4 0.0
N23A	Red Feather L comp=Z,78nm,1.0s	88.46 324	eP	P	04 05 18.0 +0.3
N23A	Red Feather L baz=38,SNR=39	88.46 324	P	P	04 05 17.8 +0.1
FXWY	Fox Creek comp=Z,14nm,0.8s	88.49 328	eP	P	04 05 18.5 +0.8
D08A	Wollman Farm, comp=Z,12nm,0.9s	88.55 335	eP	P	04 05 17.8 +0.2
PGC	Sidney comp=Z,23nm,0.8s	88.56 338	eP	P	04 05 17.8 +0.2
TPAW	Teton Pass comp=Z,27nm,0.8s	88.58 327	eP	P	04 05 18.9 +0.6
BW06	Boulder Arroy comp=Z,18nm,0.8s	88.58 327	eP	P	04 05 17.5 -0.7
BW06	Boulder Arroy baz=36,SNR=25	88.58 327	P	P	04 05 17.5 -0.7
PD31	Pinedale Array comp=Z,17nm,0.9s	88.58 327	eP	P	04 05 17.6 -0.6
PDAR	Pinedale Array comp=Z,17nm,0.9s baz=36,slow=4.8,SNR=116	88.58 327	eP	P	04 05 17.5 -0.7
PDAR	Pinedale Array	88.58 327	eP	P	04 05 16.6 -1.6
REDW	Red Top Meadow comp=Z,14nm,0.8s	88.64 328	eP	P	04 05 18.8 +0.3
341A	Kurthwood comp=Z,24nm,1.1s	88.68 310	eP	P	04 05 19.2 +0.7
341A	Kurthwood baz=45,SNR=8.1	88.68 310	P	P	04 05 18.8 +0.3
E09A	Wood Farm, Sta comp=Z,22nm,1.0s	88.76 334	eP	P	04 05 18.4 -0.2
E08A	Dider Farm, El comp=Z,22nm,0.9s	88.79 335	eP	P	04 05 20.5 +0.3
ISCO	Idaho Springs comp=Z,22nm,0.8s	89.16 323	eP	P	04 05 21.3 +0.2
ISCO	Idaho Springs	89.16 323	eP	Pmax	04 05 21.3 +0.2
ISCO	Idaho Springs comp=Z,22nm,0.8s baz=38,SNR=49	89.16 323	P	P	04 05 21.1 +0.1
AHID	Auburn Hatcher comp=Z,23nm,0.6s	89.24 328	eP	P	04 05 21.5 +0.3
NATX	Nacogdoches comp=Z,25nm,1.1s	89.28 311	P	P	04 05 23.2 +1.9
NATX	Nacogdoches baz=44,SNR=7.8	89.28 311	P	P	04 05 22.5 +1.9
E07A	Sunnyside comp=Z,13nm,0.8s	89.30 335	eP	P	04 05 22.6 +1.4

2012 SEP

HAWA	Hanford comp=Z,44nm,0.8s	89.33 335	eP	P	04 05 21.9 +0.6
D05A	Enunclaw comp=Z,13nm,1.0s	89.42 337	eP	P	04 05 22.8 +1.0
D03D	Eldon baz=26	89.45 338	P	P	04 05 22.2 +0.3
WMOK	Wichita Mount comp=Z,65nm,0.8s	89.49 315	eP	P	04 05 23.2 +0.8
WMOK	Wichita Mount comp=Z,65nm,0.8s SNR=91	89.49 315	P	P	04 05 23.1 +0.8
Q24A	Divide comp=Z,25nm,1.0s	89.59 322	eP	P	04 05 23.4 +0.2
Q24A	Divide baz=39,SNR=14	89.59 322	P	P	04 05 23.4 +0.2
D04D	Lakebay baz=26	89.67 337	P	P	04 05 23.4 +0.5
LOH	Longmire comp=Z,5.8nm,1.0s	89.76 336	eP	P	04 05 22.9 -0.5
LOH	Longmire	89.76 336	eP	Pmax	04 05 22.9 -0.5
NLWA	Neilton Lookou comp=Z,18nm,0.8s	89.81 338	eP	P	04 05 24.1 +0.5
BMO	Blue Mountains comp=Z,22nm,0.8s	89.90 333	eP	P	04 05 23.3 -0.9
BMO	Blue Mountains	89.90 333	eP	Pmax	04 05 23.3 -0.9
BMO	Blue Mountains	89.90 333	eP	Pmax	04 05 23.3 -0.9
F07A	Phinny Hill V comp=Z,22nm,0.8s	89.90 335	eP	P	04 05 25.4 +1.4
HLID	Hailey comp=Z,5.0nm,0.9s	89.92 330	eP	P	04 05 24.8 +0.4
HLID	Hailey baz=32	89.92 330	P	P	04 05 24.3 -0.1
G08A	Pilot Rock comp=Z,6.4nm,1.1s	90.10 334	eP	P	04 05 24.3 -0.8
O20A	White River C comp=Z,65nm,0.8s	90.12 325	eP	P	04 05 25.2 -0.3
O20A	White River C baz=36,SNR=49	90.12 325	P	P	04 05 25.1 -0.3
E04D	Cinebar baz=27	90.17 337	P	P	04 05 25.0 -0.2
SMCO	Snowmass comp=Z,21nm,0.8s	90.30 323	eP	P	04 05 25.6 -0.9
HWUT	Hardware Ranch comp=Z,58nm,0.8s	90.39 328	eP	P	04 05 26.5 -0.1
F05D	White Salmon baz=27	90.42 336	P	P	04 05 26.3 -0.1
E03A	Lebam comp=Z,24nm,0.8s	90.48 337	eP	P	04 05 27.5 +0.8
MFID	Camas Ranch comp=Z,37nm,0.9s	90.58 331	eP	P	04 05 27.8 +0.3
T25A	Trinidad comp=Z,25nm,1.1s	90.65 320	eP	P	04 05 28.2 +0.3
T25A	Trinidad baz=39,SNR=12	90.65 320	P	P	04 05 28.1 +0.1
SDCO	Great Sand Dun comp=Z,20nm,0.9s	90.72 321	eP	P	04 05 27.6 -0.7
SDCO	Great Sand Dun baz=38,SNR=16	90.72 321	P	P	04 05 28.1 -0.2
TCUT	Toone Canyon comp=Z,41nm,0.8s	90.72 327	eP	P	04 05 28.4 +0.2
HVU	Hansel Valley comp=Z,23nm,0.9s	90.75 328	eP	P	04 05 28.5 +0.2
HVU	Hansel Valley	90.75 328	eP	Pmax	04 05 28.5 +0.2
HVU	Hansel Valley comp=Z,29nm,0.9s	90.75 313	eP	P	04 05 29.4 +1.2
WHTX	Lake Whitney comp=Z,48nm,1.0s	90.75 313	P	P	04 05 28.8 +0.6
G05D	Wamic, OR baz=28	90.94 335	P	P	04 05 29.1 +0.2
AMTX	Amarillo comp=Z,11nm,1.1s	90.96 317	eP	P	04 05 29.5 +0.2
AMTX	Amarillo baz=40	90.96 317	P	P	04 05 29.2 -0.1
SPUT	South Promonto comp=Z,11nm,1.1s	91.01 328	eP	P	04 05 29.8 +0.3
JLU	Jordanelle comp=Z,40nm,0.8s	91.17 327	eP	P	04 05 30.4 0.0
CTU	Camp Tracy comp=Z,26nm,0.8s	91.22 327	eP	P	04 05 30.4 -0.1
HKT	Hockley comp=Z,42nm,1.1s	91.27 310	eP	P	04 05 32.2 +1.6
HKT	Hockley	91.27 310	eP	Pmax	04 05 32.2 +1.6
S22A	4UR Ranch, Cre comp=Z,34nm,0.9s	91.36 322	eP	P	04 05 31.6 +0.2
S22A	4UR Ranch, Cre baz=37,SNR=49	91.36 322	P	P	04 05 31.8 +0.4
P18A	Preston Nutter comp=Z,33nm,0.9s	91.44 326	eP	P	04 05 31.3 -0.4
ABTX	Abilene, Hawle comp=Z,45nm,0.8s	91.54 315	eP	P	04 05 32.9 +1.0
ABTX	Abilene, Hawle baz=42,SNR=32	91.54 315	P	P	04 05 32.9 +1.0
BGU	Big Grassy Mou comp=Z,35nm,1.0s	91.57 328	eP	P	04 05 32.4 +0.4
G03D	McMillinville, O baz=26,SNR=7.7	91.59 337	P	P	04 05 32.6 +0.7
J08A	Circle Bar Ran comp=Z,14nm,1.0s	91.61 333	eP	P	04 05 32.4 +0.2
PV22	Blue Mesa, Par comp=Z,79nm,0.9s	91.66 324	eP	P	04 05 32.7 +0.1
435B	Jarrell comp=Z,74nm,1.1s	91.71 312	eP	P	04 05 34.2 +1.5
435B	Jarrell baz=49,SNR=7.7	91.71 312	P	P	04 05 33.9 +1.2
H04A	Detroit Lake comp=Z,11nm,0.8s	91.72 336	eP	P	04 05 32.8 +0.2
PV21	Cone Mtn., Par comp=Z,64nm,0.8s	91.72 324	eP	P	04 05 33.1 +0.2
MPU	Maple Canyon comp=Z,19nm,1.1s	91.73 327	eP	P	04 05 33.1 +0.2
I05D	Terrebonne, OR comp=Z,91nm,0.9s	91.75 335	P	P	04 05 33.4 +0.7
P17A	Butcher Ranch, comp=Z,9.1nm,0.9s	91.78 326	eP	P	04 05 32.9 -0.3
PV23	Carpenter Ridge comp=Z,11nm,0.8s	91.83 324	eP	P	04 05 33.6 +0.1
PV12					

Table with columns: TPNV, comp, pmax, pmax, 04 05 53.4 -0.3, 04 05 53.7 -0.1, 04 05 54.1 +0.1, 04 05 56.9 +0.6, 04 05 57.6 +1.2, 04 05 57.2 +0.7, 04 05 57.2 +0.5, 04 05 57.2 +0.5, 04 06 01.9 +4.1, 04 05 59.9 +1.1, 04 05 58.9 +0.2, 04 05 59.6 +0.6, 04 05 59.6 +0.6, 04 05 59.5 +0.5, 04 05 59.3 +0.1, 04 05 59.9 +0.2, 04 06 00.6 +0.5, 04 06 00.6 +0.5, 04 06 00.4 +0.3, 04 06 01.0 +0.8, 04 06 01.4 +0.4, 04 06 01.9 +0.8, 04 06 01.9 +0.8, 04 06 01.6 +0.4, 04 06 02.4 +0.4, 04 06 02.2 +0.1, 04 06 02.8 +0.6, 04 06 03.5 +1.0, 04 06 02.9 +0.5, 04 06 03.6 +0.8, 04 06 03.6 +0.8, 04 06 03.5 +0.7, 04 05 25.7, 04 06 05.7 +0.5, 04 06 05.7 +0.5, 04 06 05.3 +0.7, 04 06 05.2 +0.4, 04 06 05.3 +0.4, 04 06 05.3 -0.3, 04 06 07.9 +1.0, 04 06 07.9 +1.0, 04 06 07.9 +1.0, 04 06 07.8 +0.8, 04 06 08.4 +0.8, 04 06 10.7 +0.9, 04 06 11.6 +0.9, 04 06 11.6 +0.9, 04 11 08.2 +1.0, 04 11 12.1 -1.5, 04 11 12.3 -1.3, 04 11 12.3 -1.3, 04 11 15.6 -1.2, 04 14 49.6, 04 11 20.6 0.0, 04 11 20.3 +1.1, 04 11 30.2 +0.3, 04 11 31.5 -0.3, 04 11 31.5 -0.4, 04 11 35.0 -0.4, 04 11 35.0 -0.4, 04 11 47.5 +1.3, 04 15 16.6, 04 08 03.4 -0.6, 04 08 11.7 -1.4, 04 08 12.5 -1.1, 04 08 14.4 +2.4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, 04 08 23.5, 04 09 11.6, 04 09 17.3, 04 09 19.5, 04 09 20.0, 04 09 20.1, 04 08 18.6 +1.4, 04 09 00.6, 04 09 11.6, 04 09 29.2, 04 08 25.0 +1.3, 04 09 37.5, 04 09 43.6, 04 08 27.3 +1.9, 04 09 37.4, 04 09 41.0, 04 09 42.5, 04 08 34.7 +1.4, 04 09 07.1, 04 09 53.7, 04 09 59.5, 04 08 35.0 +1.3, 04 10 10.5, 04 10 14.6, 04 09 33.5, 04 09 38.8, 04 09 40.2, 04 19 13.0 +0.4, 04 19 13.0 +0.4, 04 19 16.9 -0.8, 04 19 20.0 -2.2, 04 19 22.6 -0.5, 04 19 26.9, 04 19 32.2 -3.4, 04 19 37.1 +1.0, 04 19 37.4 +1.2, 04 19 37.4 +1.2, 04 20 06.3 -4.8, 04 20 21.2 -4.1, 04 21 55.5 -1.4, 04 20 46.6 -3.6, 04 25 57.0, 04 21 14.1 -1.0, 04 21 25.3 -1.3, 04 22 01.2 -2.3, 04 22 10.9 0.0, 04 22 22.9 +0.6, 04 20 51.1, 04 22 31.5 -1.4, 04 22 40.4 -2.3, 04 22 40.5 -2.2, 04 23 04.2 -1.6, 04 23 04.4 -1.3, 04 23 17.6 -0.2, 04 24 16.2 -1.2, 04 24 20.8 -0.3, 04 25 00.8 -0.5, 04 25 33.7 -2.0, 04 25 58.4 +1.3, 04 27 34.3 -0.5, 04 27 37.5 +2.3, 04 28 05.0 +1.4, 04 27 47.8 -0.9, 04 27 50.5 -0.9, 04 28 23.2 +0.9, 04 27 55.2 +1.0, 04 27 56.5 -0.2, 04 27 57.3 -0.4, 04 27 58.6 0.0, 04 27 58.3 -0.4, 04 27 59.8 -0.4, 04 27 59.4 -1.3, 04 28 01.0 -0.7, 04 28 01.8 -1.1, 04 28 02.7 -0.4, 04 28 03.8 +0.4, 04 28 04.8 -0.3, 04 28 05.8 +0.4, 04 28 07.7 +0.4, 04 28 07.7 -0.3, 04 28 08.8 +0.8, 04 28 11.3 +1.3, 04 28 10.4 -0.5, 04 28 10.1 -0.8, 04 28 10.8 -0.5, 04 28 11.1 -0.7

Table with columns: HAGD, comp, IAML, 04 08 23.5, 04 09 11.6, 04 09 17.3, 04 09 19.5, 04 09 20.0, 04 09 20.1, 04 08 18.6 +1.4, 04 09 00.6, 04 09 11.6, 04 09 29.2, 04 08 25.0 +1.3, 04 09 37.5, 04 09 43.6, 04 08 27.3 +1.9, 04 09 37.4, 04 09 41.0, 04 09 42.5, 04 08 34.7 +1.4, 04 09 07.1, 04 09 53.7, 04 09 59.5, 04 08 35.0 +1.3, 04 10 10.5, 04 10 14.6, 04 09 33.5, 04 09 38.8, 04 09 40.2, 04 19 13.0 +0.4, 04 19 13.0 +0.4, 04 19 16.9 -0.8, 04 19 20.0 -2.2, 04 19 22.6 -0.5, 04 19 26.9, 04 19 32.2 -3.4, 04 19 37.1 +1.0, 04 19 37.4 +1.2, 04 19 37.4 +1.2, 04 20 06.3 -4.8, 04 20 21.2 -4.1, 04 21 55.5 -1.4, 04 20 46.6 -3.6, 04 25 57.0, 04 21 14.1 -1.0, 04 21 25.3 -1.3, 04 22 01.2 -2.3, 04 22 10.9 0.0, 04 22 22.9 +0.6, 04 20 51.1, 04 22 31.5 -1.4, 04 22 40.4 -2.3, 04 22 40.5 -2.2, 04 23 04.2 -1.6, 04 23 04.4 -1.3, 04 23 17.6 -0.2, 04 24 16.2 -1.2, 04 24 20.8 -0.3, 04 25 00.8 -0.5, 04 25 33.7 -2.0, 04 25 58.4 +1.3, 04 27 34.3 -0.5, 04 27 37.5 +2.3, 04 28 05.0 +1.4, 04 27 47.8 -0.9, 04 27 50.5 -0.9, 04 28 23.2 +0.9, 04 27 55.2 +1.0, 04 27 56.5 -0.2, 04 27 57.3 -0.4, 04 27 58.6 0.0, 04 27 58.3 -0.4, 04 27 59.8 -0.4, 04 27 59.4 -1.3, 04 28 01.0 -0.7, 04 28 01.8 -1.1, 04 28 02.7 -0.4, 04 28 03.8 +0.4, 04 28 04.8 -0.3, 04 28 05.8 +0.4, 04 28 07.7 +0.4, 04 28 07.7 -0.3, 04 28 08.8 +0.8, 04 28 11.3 +1.3, 04 28 10.4 -0.5, 04 28 10.1 -0.8, 04 28 10.8 -0.5, 04 28 11.1 -0.7

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, mb1 4/2.21, mb1mx4.0/33, mbtmp4.5/21, MS3.3/2, Ms1 3.3/2, ms1mx2.8/20, Error ellipse: s-maj=15.6km, s-min=12.4km az=45.0, ISC 22 04:18:12.9-0.4, 22:015-0.0/4:68:73W, 0:05, h119km, 3km, h119km:pp-P, n291, e1948/323, mb4.5/122, 11C-1D, Northern Chile, 04 18 30.7 -1.3, 04 18 30.3 -0.8, 04 18 31.0 -0.9, 04 18 33.5 -1.0, 04 18 49.7 -1.2, 04 18 50.3, 04 18 34.5 -0.9, 04 18 51.1 -1.3, 04 18 52.1, 04 18 35.3 -0.8, 04 18 52.4 -1.4, 04 18 55.3, 04 18 37.7 -1.2, 04 18 35.0 -1.0, 04 18 54.0 -1.2, 04 18 54.5, 04 18 37.0 -1.0, 04 18 55.4 -1.6, 04 18 56.9, 04 18 37.0 -1.8, 04 18 37.7 -1.1, 04 18 56.8 -1.6, 04 18 57.7, 04 18 40.4 -1.2, 04 19 01.4 -2.0, 04 19 03.7, 04 18 45.5 0.0, 04 19 11.0 +0.6, 04 19 17.1, 04 18 47.5 -2.0, 04 18 53.4 -2.4, 04 19 26.1 -2.7, 04 18 58.0 -1.2, 04 18 58.0 -1.2, 04 19 33.2 -1.2, 04 19 01.0 +1.7, 04 19 01.5, 04 19 48.1 +1.3, 04 19 13.0 +0.4, 04 19 13.0 +0.1, 04 19 16.9 -0.8, 04 19 20.0 -2.2, 04 19 22.6 -0.5, 04 19 26.9, 04 19 32.2 -3.4, 04 19 37.1 +1.0, 04 19 37.4 +1.2, 04 19 37.4 +1.2, 04 20 06.3 -4.8, 04 20 21.2 -4.1, 04 21 55.5 -1.4, 04 20 46.6 -3.6, 04 25 57.0, 04 21 14.1 -1.0, 04 21 25.3 -1.3, 04 22 01.2 -2.3, 04 22 10.9 0.0, 04 22 22.9 +0.6, 04 20 51.1, 04 22 31.5 -1.4, 04 22 40.4 -2.3, 04 22 40.5 -2.2, 04 23 04.2 -1.6, 04 23 04.4 -1.3, 04 23 17.6 -0.2, 04 24 16.2 -1.2, 04 24 20.8 -0.3, 04 25 00.8 -0.5, 04 25 33.7 -2.0, 04 25 58.4 +1.3, 04 27 34.3 -0.5, 04 27 37.5 +2.3, 04 28 05.0 +1.4, 04 27 47.8 -0.9, 04 27 50.5 -0.9, 04 28 23.2 +0.9, 04 27 55.2 +1.0, 04 27 56.5 -0.2, 04 27 57.3 -0.4, 04 27 58.6 0.0, 04 27 58.3 -0.4, 04 27 59.8 -0.4, 04 27 59.4 -1.3, 04 28 01.0 -0.7, 04 28 01.8 -1.1, 04 28 02.7 -0.4, 04 28 03.8 +0.4, 04 28 04.8 -0.3, 04 28 05.8 +0.4, 04 28 07.7 +0.4, 04 28 07.7 -0.3, 04 28 08.8 +0.8, 04 28 11.3 +1.3, 04 28 10.4 -0.5, 04 28 10.1 -0.8, 04 28 10.8 -0.5, 04 28 11.1 -0.7

22d 4h

2012 SEP

1208

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like 249A Edmonton, MIAR Mount Ida, TX31 Lajitas Ar. Si, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PV14 Lion Creek, PV22 Blue Mesa, PV23 Parox Valley, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like YHH Horse Butte, YHB Horse Butte, DGMT Dagmar, etc.

Code Station Name Az El Op ISC Time Res
AZER 22 04:50:33.0.1, 38.34N:46:57E, h10km, m4.3/24, Error ellipse: s-maj=2.5km s-min=0.7km az=32.0
IDC 22 04:50:34.8.1, 38.01N:46:67E, h0km, mb3.9/9, mb1.4, 0.0/12, mb1mx3.8/32, mbtmp3.9/12, ML3.2/3, MS3.3/5, Ms1.3, 3.4/5, ms1mx2.9/40, Error ellipse: s-maj=23.9km s-min=12.7km az=5.0
NEIC 22 04:50:35.7.0.0, 38.41N:46:68E, h4km, mb3.4/2, ML3.8(THR), MN3.9(TEH), After TEH.
TEH 22 04:50:35.7.38.41N:46:68E, h4km, ML3.9
THR 22 04:50:36.0.0.5, 38.46N:46:68E, h14km, 8km, ML3.8
MOS 22 04:50:36.0.3.3, 38.08N:46:68E, h24km, M13.7
DDA 22 04:50:48.6, 38.40N:45:68E, h10km, m4.3/10, Error ellipse: s-maj=10.4km s-min=5.9km az=110.2
ISC 22 04:50:36.8.1.0, 38.44N:02:46:71E, 0.01, h5km, 7.7km, n182, c2819/219, mb4.2/13, 22C-30D, Iran-Armenia-Azerbaijan border region

Table with columns for station name, coordinates, and various data points. Includes stations like IMRD, ISHB, IAZR, GRMI, MAKU, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like QALM, SRMT, AKH, IVIS, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like ANAR, GEYT, BRTR, AB31, etc.

EVR	Evyrytania	1.42 148	P	Pn	06 16 22.6	-1.9	KLV	Kalavryta, Ach	2.31 154	P	Pb	06 16 39.4	-0.9	DIVS	Divibare	4.02 351	ePn	Pn	06 17 00.8	+0.4
EVR	Evyrytania	1.42 148	P	Pn	06 16 24.2	-0.3	KLK	Kalavryta, Ach	2.31 154	P	Pb	06 16 39.4	-0.9	DIVS	Divibare	4.02 351	ePn	Pn	06 17 01.1	+0.7
EVR	comp=N,48166µm,0.7s		AML	AML	06 16 53.2		DRME	Dracevica, Mon	2.41 329	i/Pn	Pn	06 16 38.5	+0.3	ALN	Alexandroupoli	4.03 77	PG	Pn	06 17 00.2	-0.2
EVR	comp=N,48166µm,0.7s		AML	AML	06 16 54.5		DRME	Dracevica, Mon	2.41 329	i/Pn	Pn	06 16 38.5	+0.3	ALN	Alexandroupoli	4.03 77	PG	Pn	06 17 00.2	-0.2
EVR	Evyrytania	1.42 148	P	Pn	06 16 22.6	-1.9	PROD	Prodromos	2.45 139	P	Pn	06 16 38.5	+0.3	ALN	Alexandroupoli	4.03 77	PG	Pn	06 17 00.2	-0.2
TIR	Tirane	1.43 329	ePn	Pn	06 16 23.9	-0.8	PROD	Prodromos	2.45 139	P	Pn	06 16 38.5	+0.3	ALN	Alexandroupoli	4.03 77	PG	Pn	06 17 00.2	-0.2
TIR	Tirane	1.43 329	P	Pn	06 16 24.0	-0.8	GUR	Goura	2.47 152	P	Pn	06 16 39.8	+1.1	ENEZ	Enez	4.09 80	PG	Pn	06 17 00.8	-0.4
TIR	Tirane	1.43 329	P	Pn	06 16 22.2	-2.5	GUR	Goura	2.47 152	P	Pn	06 16 39.8	+1.1	SERI	Serifos	4.09 80	PG	Pn	06 17 00.8	-0.4
TIR	Tirane	1.43 329	i/PN	Pn	06 16 23.5	-1.2	GUR	Goura	2.47 152	P	Pn	06 16 41.2	+2.1	TRUS	Trudaj	4.11 356	ePn	Pn	06 17 02.5	+1.0
TRG	Trirane	1.44 529	i/SN	Sg	06 16 47.2	+2.9	ALNA	Alonissos	2.52 112	P	Pn	06 16 41.2	+2.1	SVIS	Svilajnac	4.15 4	ePn	Pn	06 17 01.9	-0.1
GRG	Griva	1.44 54	P	Pn	06 16 23.8	-1.1	AOS	Alonissos	2.52 111	P	Pn	06 16 40.3	+0.6	HAPS	Han Pijesak, BI	4.20 441	i/Pn	Pn	06 17 02.7	-0.2
GRG	Griva	1.44 54	P	Pn	06 16 24.5	-0.4	AOS	Alonissos	2.52 111	P	Pn	06 16 40.3	+0.6	HAPS	Han Pijesak, BI	4.20 441	i/Pn	Pn	06 17 02.7	-0.2
GRG	Griva	1.44 54	P	Pn	06 16 23.8	-1.1	AOS	Alonissos	2.52 111	P	Pn	06 16 40.3	+0.6	HAPS	Han Pijesak, BI	4.20 441	i/Pn	Pn	06 17 02.7	-0.2
GRG	Griva	1.44 54	P	Pn	06 16 23.8	-1.1	AOS	Alonissos	2.52 111	P	Pn	06 16 40.3	+0.6	HAPS	Han Pijesak, BI	4.20 441	i/Pn	Pn	06 17 02.7	-0.2
MGNA	Meganis	1.47 182	P	Pn	06 16 25.2	+0.3	NVR	Nevoškopi	2.59 61	P	Pn	06 16 40.6	+0.9	KYTH	Kithira	4.22 155	P	Pn	06 17 05.9	+2.8
EVGI	Lefkada island	1.51 186	P	Pn	06 16 25.9	+0.2	NVR	Nevoškopi	2.59 61	P	Pn	06 16 40.6	+0.9	KYTH	Kithira	4.22 155	P	Pn	06 17 05.9	+2.8
EVGI	Lefkada island	1.51 186	P	Pn	06 16 25.3	+0.5	NVR	Nevoškopi	2.59 61	P	Pn	06 16 40.6	+0.9	KYTH	Kithira	4.22 155	P	Pn	06 17 05.9	+2.8
PDO	Prodromos	1.55 170	P	Pn	06 16 25.5	+0.2	PDG	Podgorica	2.60 333	ePn	Pn	06 16 40.2	-0.5	PRK	Paraskevi	4.27 100	P	Pn	06 17 04.0	+0.3
PDO	Prodromos	1.55 170	P	Pn	06 16 25.2	-1.0	PDG	Podgorica	2.60 333	ePn	Pn	06 16 40.2	-0.5	PRK	Paraskevi	4.27 100	P	Pn	06 17 04.0	+0.3
AGG	Agios Georgios	1.59 134	ePn	Pn	06 16 27.3	+0.5	PDG	Podgorica	2.60 333	i/Pn	Pn	06 16 41.7	+1.0	CEL	Celeste	4.27 246	ePn	Pn	06 17 02.2	-1.7
AGG	Agios Georgios	1.59 134	P	Pn	06 16 26.1	-0.7	PDG	Podgorica	2.60 333	i/Pn	Pn	06 16 41.7	+1.0	CEL	Celeste	4.27 246	ePn	Pn	06 17 02.2	-1.7
AGG	Agios Georgios	1.59 134	eP	Pb	06 16 27.6	-0.3	TTG	Titograd	2.60 333	eS	Sg	06 16 41.7	+1.0	GELI	Tayfur-Gelibol	4.31 85	PG	Pn	06 17 03.4	-0.8
AGG	Agios Georgios	1.59 134	eP	Pb	06 16 27.6	-0.3	TTG	Titograd	2.60 333	eS	Sg	06 16 41.7	+1.0	GELI	Tayfur-Gelibol	4.31 85	PG	Pn	06 17 03.4	-0.8
PHP	Peshkopia	1.59 349	P	Pn	06 16 25.0	-1.9	TTG	Titograd	2.60 333	ePn	Pn	06 16 41.2	+0.5	KUBS	Kucevo	4.33 8	PG	Pn	06 17 02.8	-1.9
PHP	Peshkopia	1.59 349	P	Pn	06 16 25.0	-1.9	TTG	Titograd	2.60 333	ePn	Pn	06 16 41.2	+0.5	KUBS	Kucevo	4.33 8	PG	Pn	06 17 02.8	-1.9
PHP	Peshkopia	1.59 349	P	Pn	06 16 26.7	-0.2	AMT	Artemida-Makis	2.67 165	P	Pn	06 16 41.2	+0.5	ERIK	Eriziki-Kesan	4.35 81	PG	Pn	06 17 02.5	+1.5
PHP	Peshkopia	1.59 349	i/PN	Pn	06 16 26.7	-0.2	AMT	Artemida-Makis	2.67 165	P	Pn	06 16 41.2	+0.5	ERIK	Eriziki-Kesan	4.35 81	PG	Pn	06 17 02.5	+1.5
PHP	Peshkopia	1.59 349	i/SN	Sg	06 16 52.5	+3.2	CGLI	Ceglie Messapi	2.63 283	eS	Sg	06 17 24.5	+2.8	BAYC	CANAKKALE_Bayr	4.39 93	i/S	Pn	06 17 06.2	-0.8
PVO	Paravola	1.59 161	P	Pn	06 16 27.4	+0.5	CGLI	Ceglie Messapi	2.63 283	eS	Sg	06 17 24.5	+2.8	BAYC	CANAKKALE_Bayr	4.39 93	i/S	Pn	06 17 06.2	-0.8
PVO	Paravola	1.59 161	P	Pn	06 16 26.1	-0.7	CGLI	Ceglie Messapi	2.63 283	eS	Sg	06 17 24.5	+2.8	BAYC	CANAKKALE_Bayr	4.39 93	i/S	Pn	06 17 06.2	-0.8
PVO	Paravola	1.59 161	P	Pn	06 16 27.4	+0.5	CGLI	Ceglie Messapi	2.63 283	eS	Sg	06 17 24.5	+2.8	BAYC	CANAKKALE_Bayr	4.39 93	i/S	Pn	06 17 06.2	-0.8
PVO	Paravola	1.59 161	P	Pn	06 16 26.1	-0.7	CGLI	Ceglie Messapi	2.63 283	eS	Sg	06 17 24.5	+2.8	BAYC	CANAKKALE_Bayr	4.39 93	i/S	Pn	06 17 06.2	-0.8
FSK	Fiskardo	1.68 188	S	Sb	06 16 50.9	+0.1	LTK	Loutiraki	2.67 141	P	Pn	06 16 42.4	+0.7	LPK	Lapseki	4.53 85	PG	Pn	06 17 06.8	-0.4
FSK	Fiskardo	1.68 188	S	Sb	06 16 50.9	+0.1	LTK	Loutiraki	2.67 141	P	Pn	06 16 42.4	+0.7	LPK	Lapseki	4.53 85	PG	Pn	06 17 06.8	-0.4
THE	Thessaloniki	1.69 72	P	Pn	06 16 27.7	-0.5	LTK	Loutiraki	2.67 141	P	Pn	06 16 42.4	+0.7	LPK	Lapseki	4.53 85	PG	Pn	06 17 06.8	-0.4
THE	Thessaloniki	1.69 72	P	Pn	06 16 27.7	-0.5	LTK	Loutiraki	2.67 141	P	Pn	06 16 42.4	+0.7	LPK	Lapseki	4.53 85	PG	Pn	06 17 06.8	-0.4
THE	Thessaloniki	1.69 72	P	Pn	06 16 27.7	-0.5	LTK	Loutiraki	2.67 141	P	Pn	06 16 42.4	+0.7	LPK	Lapseki	4.53 85	PG	Pn	06 17 06.8	-0.4
THE	Thessaloniki	1.69 72	P	Pn	06 16 27.7	-0.5	LTK	Loutiraki	2.67 141	P	Pn	06 16 42.4	+0.7	LPK	Lapseki	4.53 85	PG	Pn	06 17 06.8	-0.4
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.8	+0.8	AMT	Artemida-Makis	2.67 165	P	Pn	06 16 43.8	+2.0	TEKS	Tekesis	4.53 348	ePn	Pn	06 17 07.8	+0.5
ANX	comp=N,49646µm,0.8s		AML	AML	06 17 09.3		AMT	Artemida-Makis	2.67 165	P	Pn	06 16 43.8	+2.0	TEKS	Tekesis	4.53 348	ePn	Pn	06 17 07.8	+0.5
ANX	comp=N,49646µm,0.8s		AML	AML	06 17 10.7		AMT	Artemida-Makis	2.67 165	P	Pn	06 16 43.8	+2.0	TEKS	Tekesis	4.53 348	ePn	Pn	06 17 07.8	+0.5
ANX	comp=N,49646µm,0.8s		AML	AML	06 17 10.7		AMT	Artemida-Makis	2.67 165	P	Pn	06 16 43.8	+2.0	TEKS	Tekesis	4.53 348	ePn	Pn	06 17 07.8	+0.5
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06 16 29.5	+0.5	FASA	Fasano	2.76 286	i/Pn	Pn	06 16 47.3	-0.6	ANKY	Antikythira Is	4.67 155	P	Pn	06 17 11.5	+2.3
ANX	Ano Chora	1.74 151	P	Pn	06															

22d 6h

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

2012 SEP

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

1216

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

22d 6h

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like ARMA Armadale, EIDS Eidsvold, TAOE Nuku Hiva Isla, etc.

2012 SEP

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like NWAOW Narrogin (SRO), CBIJ Chichi jima, LUWI Luwuk, etc.

1218

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like PFO Pinyon Flats O, PFO Pinyon Flats O, TPFO Pinyon Flats, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Dobruska-Polom, Ostrava-Krasne, and various MORC stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WTTA Wattenberg, DAVA Damuels, and various MORC stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SHO 85nm,0.1s, SHO 1µm,0.2s, and various MORC stations.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like MLR Muntele Rosu, NONG Nongkai, FIA1 FINES Array S, etc.

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like ASO1 Alice Springs, CBYC The Bluff, Cay, LPAZ La Paz, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like YSS 2jμm,0.4s, YSS 8jμm,0.8s, YSS 12jμm,0.8s, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like JCH, JAK, JNBK, NEM2, NEM2, TEY, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like EKMR, EKMR, MJB9, MAJO, MAJO, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like SEY, CBJJ, BJI, BJI, BJI, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like NVS Novosibirsk, KMI Kunming, CHGN Chignik, QIZ Glongzhong, WMQ Urumqi, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PAYA Payao, BMRM Bremner River, PHRA Phrae, KHON Khomkaen, EGAK Eagle, LAMP Lampang, CMMT Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like NIL Nilore, NIL Nilore, DIB Dawson Inlet, AB31 Akbulak array, ABKARS HSPB, AKTO Aktyubinsk, etc.

22d 9h

Table with columns: ULM, Lac du Bonnet, 71.85 35 eP, P, 09 47 47.9 -0.2, etc. Lists various locations and their associated data points.

2012 SEP

Table with columns: BRG, LDFC, KSB, VYHS, etc. Lists various locations and their associated data points for the month of September 2012.

1228

Table with columns: GRFO, Y14A, HPK, CLGH, etc. Lists various locations and their associated data points for the year 1228.

TUC	Tucson	78.09	56	eP	P	09 48 24.9	+0.9
TUC	Tucson	78.09	56	P	P	09 48 24.7	+0.7
G40A	Rib Lake	78.13	35	eP	P	09 48 23.7	-0.2
G40A	Rib Lake	78.13	35	P	P	09 48 23.5	-0.4
F41A	Three Lakes	78.17	34	eP	P	09 48 24.0	-0.1
F41A	Three Lakes	78.17	34	P	P	09 48 24.0	-0.1
H39A	Augusta	78.18	36	P	P	09 48 23.7	-0.5
ECH	Echery	78.21	331	eP	P	09 48 23.3	-1.0
ECH	Echery	78.21	331	eP	pmax	09 48 23.3	-1.0
PDG	Podgorica	78.29	320	P	P	09 48 24.5	-0.3
TTG	Podgorica	78.29	320	eP	P	09 48 24.7	-0.1
TTG	Podgorica	78.29	320	eP	pmax	09 48 24.7	-0.1
RSBS	Rosebush, Pemb	78.32	340	eP	IAMB	09 48 24.3	-0.5
E43A	Lone Tree Farm	78.44	32	eP	P	09 48 25.1	-0.5
E43A	Lone Tree Farm	78.44	32	P	P	09 48 25.0	-0.5
K36A	Gilmore	78.50	39	P	P	09 48 25.3	-0.6
F42A	Maple Grove Fa	78.53	33	P	P	09 48 25.8	-0.3
ANMO	Albuquerque	78.56	51	eP	P	09 48 27.7	+1.0
ANMO	Albuquerque	78.56	51	eP	pmax	09 48 27.7	+1.0
ANMO	Albuquerque	78.56	51	P	P	09 48 27.7	+1.0
G41A	Antigo	78.58	34	P	P	09 48 26.0	-0.3
H40A	Chili	78.59	35	P	P	09 48 26.1	-0.3
L4Z	Ladron	78.60	52	eP	P	09 48 28.1	+1.3
M4T	Matagami	78.61	25	P	P	09 48 26.0	-0.4
E44A	Grand Marais A	78.62	31	P	P	09 48 26.3	-0.3
FNA	Florida	78.64	318	eP	P	09 48 28.6	+1.8
FNA	Florida	78.64	318	eP	pmax	09 48 28.6	+1.8
K37A	Belmond	78.75	38	P	P	09 48 26.6	-0.7
I39A	Houston	78.76	36	eP	P	09 48 26.6	-0.7
I39A	Houston	78.76	36	P	P	09 48 26.4	-0.9
F43A	Flat Rock, Esc	78.83	33	P	P	09 48 27.0	-0.6
L36A	Harm Buss Farm	78.84	39	P	P	09 48 27.4	-0.3
G42A	Mountain	78.84	34	eP	P	09 48 27.6	-0.1
G42A	Mountain	78.84	34	P	P	09 48 27.4	-0.3
LENM	Lemitar	78.86	52	eP	P	09 48 29.3	+1.0
H41A	Junction City	78.89	35	eP	P	09 48 27.6	-0.4
H41A	Junction City	78.89	35	P	P	09 48 27.6	-0.4
LPM	Los Pinos Moun	78.94	52	eP	P	09 48 30.2	+1.4
TUE	Stuetta	78.94	329	eP	P	09 48 28.7	+0.1
F44A	Big Bay de Noc	78.99	32	P	P	09 48 27.9	-0.6
BNM	Barren Site	79.06	52	eP	P	09 48 30.5	+1.1
CBKS	Cedar Bluff	79.08	44	eP	P	09 48 28.7	-0.5
CBKS	Cedar Bluff	79.08	44	eP	pmax	09 48 28.5	-0.7
CBKS	Cedar Bluff	79.08	44	P	P	09 48 28.7	-0.5
J39A	Decorah	79.11	37	P	P	09 48 28.0	-1.2
E45A	Wooded Hills,	79.12	31	P	P	09 48 28.5	-0.7
G43A	Wallace	79.12	33	eP	P	09 48 29.1	-0.2
G43A	Wallace	79.12	33	P	P	09 48 28.8	-0.4
H41A	Arkdale	79.26	35	eP	P	09 48 30.1	0.0
H41A	Arkdale	79.26	35	P	P	09 48 29.6	-0.4
H42A	Shiocton	79.42	34	eP	P	09 48 30.9	0.0
H42A	Shiocton	79.42	34	P	P	09 48 30.6	-0.3
L32A	Lebel-sur-Quev	79.43	25	P	P	09 48 30.5	-0.4
J40A	Soldiers Grove	79.45	36	P	P	09 48 30.1	-1.0
K39A	Delwin	79.55	37	P	P	09 48 30.2	-1.4
F45A	CMU Biological	79.57	32	P	P	09 48 31.2	-0.5
SCIA	State Center	79.63	39	eP	P	09 48 32.5	+0.4
SCIA	State Center	79.63	39	P	P	09 48 32.3	+0.2
121A	Cookes Peak, D	79.63	54	P	P	09 48 33.5	+1.0
319A	Douglas	79.65	55	eP	P	09 48 33.5	+1.1
H43A	Windswept, Lux	79.75	34	eP	P	09 48 32.7	0.0
H43A	Windswept, Lux	79.75	34	P	P	09 48 32.5	-0.2
SENIN	Lac Senin/Sane	79.76	330	eP	P	09 48 32.7	-0.3
F46A	Macinaw City C	79.77	31	P	P	09 48 32.2	-0.4
H41A	Loganville	79.78	36	P	P	09 48 32.3	-0.6
J42A	Drager Farm,	79.78	35	eP	P	09 48 32.6	-0.2
I42A	Drager Farm,	79.78	35	P	P	09 48 32.4	-0.4
K40A	Colesburg	79.86	37	P	P	09 48 32.4	-0.9
L39A	Vinton	79.97	38	P	P	09 48 33.3	-0.5
JFWS	Jewell Farm	80.06	36	eP	P	09 48 33.5	-0.9
JFWS	Jewell Farm	80.06	36	eP	pmax	09 48 33.5	-0.9
JFWS	Jewell Farm	80.06	36	P	P	09 48 33.4	-0.9
I43A	Langenfeld Bro	80.09	34	P	P	09 48 34.1	-0.4
J42A	Columbus Grove	80.18	35	P	P	09 48 34.4	-0.6
JSA	Saint Aubin	80.19	337	eP	IAMB	09 48 34.9	0.0
K41A	Shullsburg	80.29	36	P	P	09 48 34.7	-0.8
KSU1	Kansas State U	80.35	42	eP	P	09 48 35.6	-0.4
KSU1	Kansas State U	80.35	42	P	P	09 48 35.4	-0.6
L40A	Anamosa	80.36	37	eP	P	09 48 35.0	-0.9
L40A	Anamosa	80.36	37	P	P	09 48 35.0	-0.9
HSIG	Saint Sauveur	80.40	58	eP	P	09 48 37.0	+0.7
SSF	Saint Sauveur	80.42	333	P	P	09 48 35.1	-1.1

SSF	comp=Z,5.0nm,0.3s						
M39A	Webster	80.43	38	P	P	09 48 35.7	-0.6
K42A	Prairie Point	80.54	36	P	P	09 48 36.0	-0.8
O37A	Wolven Farm,	80.63	40	eP	P	09 48 37.3	-0.1
GLMI	Graying	80.63	32	eP	P	09 48 37.6	+0.3
GLMI	Graying	80.63	32	P	P	09 48 36.9	-0.4
L41A	Preston	80.65	37	P	P	09 48 36.5	-0.9
LPG	La Plagne	80.70	330	eP	pmax	09 48 37.6	-0.4
M40A	Post Highland	80.77	38	P	P	09 48 37.5	-0.6
N39A	Derby Farms, D	80.78	39	eP	P	09 48 38.0	-0.1
N39A	Derby Farms, D	80.78	39	P	P	09 48 37.8	-0.3
AQU	L'Aquila	80.85	324	eP	P	09 48 39.3	+0.7
AQU	L'Aquila	80.85	324	eP	pmax	09 48 39.3	+0.7
AQU	L'Aquila	80.85	324	P	P	09 48 38.4	-0.1
MATE	Matera	80.86	321	P	P	09 48 40.1	+0.9
EPT	El Paso	80.92	53	eP	P	09 48 38.9	-0.2
O38A	Gal	80.97	40	P	P	09 48 38.6	-0.5
D53A	Lac Vacine, Po	80.99	26	P	P	09 48 39.2	-0.1
P37A	Lathrop	81.00	41	P	P	09 48 39.1	-0.2
K43A	Burlington	81.01	35	eP	P	09 48 38.6	-0.7
K43A	Burlington	81.01	35	P	P	09 48 38.8	-0.8
L42A	Oliver, Polo	81.05	36	eP	P	09 48 38.6	-1.0
L42A	Oliver, Polo	81.05	36	P	P	09 48 39.9	-0.1
BNI	Bardonecchia	81.11	330	eP	pmax	09 48 39.9	-0.1
BNI	Bardonecchia	81.11	330	eP	pmax	09 48 40.9	+0.5
AMTX	Amarillo	81.15	48	eP	P	09 48 40.6	+0.2
AMTX	Amarillo	81.15	48	P	P	09 48 39.9	-0.3
N40A	Mertquake, Sal	81.17	38	P	P	09 48 39.8	-0.6
M41A	Milan	81.22	313	P	P	09 48 38.9	-1.8
IDI	Anoyia	81.22	313	eP	P	09 48 41.7	+1.0
ITM	Ithomi	81.22	316	eP	P	09 48 40.0	-0.6
O39A	Kirkville	81.27	39	P	P	09 48 40.6	-0.2
L43A	Garden Prairie	81.28	36	P	P	09 48 40.0	-0.8
MSTX	Muleshoe	81.28	50	P	P	09 48 40.4	-0.9
GOBO	Tobemory, Bru	81.38	29	P	P	09 48 41.0	-0.7
M42A	Sheffield	81.47	37	P	P	09 48 41.9	0.0
J46A	Howard City	81.51	33	P	P	09 48 43.4	+0.8
MNTX	Cornudas Mount	81.60	53	eP	P	09 48 43.2	+0.6
MNTX	Cornudas Mount	81.60	53	P	P	09 48 42.0	-0.5
L44A	Lake County Fo	81.62	35	P	P	09 48 42.3	-0.3
N41A	Harden Midland	81.63	38	eP	P	09 48 42.1	-1.0
N41A	Harden Midland	81.63	38	P	P	09 48 41.7	-1.0
SSB	Saint Sauveur	81.65	331	eP	pmax	09 48 41.7	-1.0
SSB	Saint Sauveur	81.65	331	eP	pmax	09 48 41.6	-1.3
KLBO	Killbear Provi	81.71	29	P	P	09 48 42.6	-0.9
CUC	Castrocuco	81.78	321	eP	P	09 48 43.3	-0.3
P39B	Salisbury	81.80	40	P	P	09 48 43.1	-0.5
M43A	Waltham Townsh	81.82	36	P	P	09 48 43.6	-0.2
Q38A	Cooks Store, C	81.84	41	P	P	09 48 43.4	-0.4
N42A	Yate City	81.88	37	P	P	09 48 43.7	-0.2
BUKO	Buck Lake	81.90	28	P	P	09 48 44.1	+0.1
J47A	Suner	81.92	33	P	P	09 48 43.8	-0.4
MFF	Saint Martin d	81.96	335	eP	pmax	09 48 44.2	-0.4
K46A	Dot	82.02	33	P	P	09 48 44.5	-0.3
TIP	Timpagrande	82.03	320	P	P	09 48 44.0	-0.9
TIP	Timpagrande	82.03	320	eP	P	09 48 44.6	0.0
BMRO	Merville Lake	82.04	30	P	P	09 48 44.7	-0.2
Q39A	Willow Grove F	82.06	40	P	P	09 48 44.8	-0.3
O41A	Passays Farm,	82.11	23	P	P	09 48 44.9	-0.2
LATQ	La Tuque	82.14	23	P	P	09 48 45.0	-0.3
N43A	Stutzman Famil	82.14	37	P	P	09 48 45.4	-0.3
M44A	Midewin, Midew	82.23	36	eP	P	09 48 46.2	+0.4
M44A	Midewin, Midew	82.23	36	P	P	09 48 46.1	-0.1
BRCO	Bruce Peninsula	82.27	30	P	P	09 48 45.4	-0.9
K47A	Vermontville	82.34	33	P	P	09 48 45.9	-0.9
R38A	Derick Farm,	82.34	41	P	P	09 48 45.6	-0.8
PEMO	Pembroke	82.38	27	P	P	09 48 46.3	-0.1
BASO	Ashfield	82.39	30	P	P	09 48 46.5	-0.1
P41A	Barry, Barry	82.40	34	P	P	09 48 46.2	-0.5
L46A	Eue Claire	82.41	37	eP	P	09 48 46.2	-0.5
HDIL	Hopedale	82.41	37	eP	P	09 48 46.2	-0.5
HDIL	Hopedale	82.41	37	P	P	09 48 46.5	-0.1
CLWO	Collingwood	82.48	29	P	P	09 48 47.4	+0.5
BWLO	Walkerton	82.48	30	P	P	09 48 47.0	-0.3
M45A	Boilermakers S	82.55	35	P	P	09 48 47.5	+0.3
K48A	Perry	82.55	32	P	P	09 48 46.9	-0.6
SADO	Sadow	82.58	28	eP	P	09 48 47.5	-0.3
O43A	Sugar Creek Fa	82.63	37	P	P	09 48 47.6	-0.5
N44A	Piper City	82.69	36	P	P	09 48 47.7	-0.4
TRQ	Mont Tremblant	82.70	25	eP	P	09 48 48.5	+0.1
WMOK	Wichita Mounta	82.75	46	eP	pmax	09 48 48.6	+0.1
WMOK	Wichita Mounta	82.75	46	eP	pmax	09 48 48.6	+0.1
WMOK	Wichita Mounta	82.75	46	P	P	09 48 48.6	+0.1

BANO	Bancroft	82.75	27	P	P	09 48 48.3	0.0
P42A	Winchester	82.78	38	eP	P	09 48 48.2	-0.3
P42A	Winchester	82.78	38	P	P	09 48 48.2	-0.3
CAF	Calviac	82.78	333	eP	pmax	09 48 48.5	0.0
S38A	Stockport	82.79	41	P	P	09 48 47.7	-0.9
L47A	Sherwood	82.86	33	P	P	09 48 48.6	-0.3
M46A	Old House Fiel	82.89	34				

22d 9h

O48A	Farmland	84.35	34	P	P	09 48 55.9	-0.5
TX31	Lajitas Ar. Si	84.35	53	eP	P	09 48 57.1	+0.4
V39A	Pettigrew	84.37	42	P	P	09 48 56.3	-0.4
R44A	Waltonville	84.44	38	P	P	09 48 56.8	-0.1
OLIL	Olney	84.44	37	eP	P	09 48 56.9	0.0
O46A	CEJHS Indians	84.51	36	P	P	09 48 57.2	-0.1
M51A	Elyria	84.55	32	P	P	09 48 57.2	-0.2
P47A	Martinsville	84.56	35	P	P	09 48 57.2	-0.3
T42A	Van Buren	84.56	40	eP	P	09 48 57.5	-0.1
T42A	Van Buren	84.56	40	eP	P	09 48 57.4	-0.1
S43A	Fulton Ridge	84.57	39	P	P	09 48 57.3	-0.3
ERPA	Erie	84.64	30	eP	P	09 48 58.2	+0.3
ERPA	Erie	84.64	30	P	P	09 48 57.7	-0.2
N50A	Nevada	84.67	33	P	P	09 48 58.1	+0.1
BLO	Bloomington	84.72	36	eP	P	09 48 58.3	0.0
BLO	Bloomington	84.72	36	eP	P	09 48 58.3	0.0
O49A	Covington	84.72	34	P	P	09 48 58.6	+0.3
O49A	Covington	84.72	34	P	P	09 48 58.1	-0.2
R45A	Skyler, Fairfri	84.74	37	P	P	09 48 58.3	-0.1
U41A	Viola	84.76	41	eP	P	09 48 58.2	-0.4
U40A	Witts Springs	84.78	42	eP	P	09 48 58.4	-0.4
V40A	Witts Springs	84.78	42	eP	P	09 48 58.3	-0.4
MMNY	Mt. Morris Dam	84.80	28	eP	P	09 48 58.3	-0.4
SIUC	Southern Illin	84.82	38	eP	P	09 48 58.9	+0.1
S44A	Carbondale	84.82	38	eP	P	09 48 58.9	+0.1
W39A	Magazine	84.83	43	eP	P	09 48 58.8	-0.1
W39A	Magazine	84.83	43	eP	P	09 48 58.7	-0.3
N51A	Ashland	84.84	32	eP	P	09 48 58.7	-0.1
N51A	Ashland	84.84	32	eP	P	09 48 58.6	-0.3
NCB	Newcomb	84.84	25	eP	P	09 48 58.9	0.0
T43A	Greenville	84.88	39	P	P	09 48 59.0	-0.2
P48A	Milroy	84.92	35	P	P	09 48 58.9	-0.4
VT1	Waterbury	84.94	24	eP	P	09 48 59.5	+0.1
SLBS	Sierra La Lagu	84.95	61	eP	P	09 49 01.2	+1.4
O47A	Bedord North L	84.97	36	P	P	09 48 59.6	0.0
ALLY	Alegheny Colle	85.00	30	eP	P	09 48 59.8	+0.1
PKME	Peaks-Kenny Pk	85.02	22	eP	P	09 48 59.8	+0.1
PKME	Peaks-Kenny Pk	85.02	22	eP	P	09 48 59.6	-0.1
O50A	Cable	85.04	33	P	P	09 48 59.9	0.0
HPIG	comp=Z,26nm,1.0s	85.05	56	eP	P	09 49 00.8	+0.4
U42A	Reverend	85.06	40	P	P	09 48 59.7	-0.3
PBMO	Poplar Bluff	85.07	40	eP	P	09 49 00.3	+0.2
V41A	Mountaineer	85.11	41	P	P	09 48 60.0	-0.3
S45A	Carrier Mills	85.13	38	P	P	09 49 00.5	+0.1
R46A	Gibson Southern	85.13	37	P	P	09 49 00.3	-0.1
P49A	Miami Univ. Ec	85.14	34	P	P	09 49 00.1	-0.3
W40A	Ferguson Farm,	85.17	42	eP	P	09 49 00.7	+0.1
W40A	Ferguson Farm,	85.17	42	eP	P	09 49 00.7	+0.1
ACSO	Alum Creek Sta	85.21	33	eP	P	09 49 00.8	0.0
ACSO	Alum Creek Sta	85.21	33	eP	P	09 49 00.7	0.0
X39A	Fountain Ranch	85.23	43	P	P	09 49 01.2	+0.3
Q48A	North Vernon	85.25	35	P	P	09 49 01.0	0.0
LBNH	Lisbon	85.26	24	eP	P	09 49 01.6	+0.7
LBNH	Lisbon	85.26	24	eP	P	09 49 01.6	+0.7
LBNH	Lisbon	85.26	24	P	P	09 49 01.0	+0.1
USIN	University of	85.27	37	eP	P	09 49 01.5	+0.4
M54A	Oil Creek Stat	85.29	30	eP	P	09 49 01.1	0.0
M54A	Oil Creek Stat	85.29	30	P	P	09 49 01.0	-0.1
U43A	Rector	85.42	40	P	P	09 49 01.8	0.0
O51A	Pataskala	85.42	33	P	P	09 49 01.6	-0.1
P50A	Jamestown	85.43	34	P	P	09 49 01.7	-0.1
V42A	Cord	85.44	41	P	P	09 49 01.7	-0.2
WHAR	Woolly Hollow	85.45	42	eP	P	09 49 01.9	-0.1
MIAR	Mount Ida	85.46	43	eP	P	09 49 02.3	+0.3
MIAR	Mount Ida	85.46	43	eP	P	09 49 02.3	+0.3
MIAR	Mount Ida	85.46	43	P	P	09 49 02.2	+0.1
PARMO	Parma	85.47	39	eP	P	09 49 02.7	+0.7
R47A	Woolly Knot Far	85.47	36	P	P	09 49 02.0	0.0
S46A	Dor Dixon Farm	85.49	37	P	P	09 49 01.9	-0.2
O49A	Aurora	85.52	35	P	P	09 49 02.3	0.0
LMN	Caledonia Moun	85.54	18	eP	P	09 49 02.3	0.0
ACCN	Adirondack Com	85.55	25	eP	P	09 49 02.0	-0.3
JCT	Junction City	85.57	50	eP	P	09 49 02.7	0.0
JCT	Junction City	85.57	50	eP	P	09 49 02.7	0.0
JCT	Junction City	85.57	50	P	P	09 49 02.7	0.0
W41B	Gary Mavity, V	85.57	42	P	P	09 49 02.4	-0.1
W41B	Gary Mavity, V	85.57	42	P	P	09 49 02.4	-0.1
WVL	Waterville	85.58	22	eP	P	09 49 02.8	+0.4
WHX	Lake Whitney,	85.60	47	eP	P	09 49 03.4	+0.6
WHX	Lake Whitney,	85.60	47	eP	P	09 49 02.8	+0.1
WCI	Wyandotte Cave	85.62	36	eP	P	09 49 03.0	+0.2
WCI	Wyandotte Cave	85.62	36	eP	P	09 49 03.0	+0.2

2012 SEP

WCI	Wyandotte Cave	85.62	36	P	P	09 49 02.7	-0.1
R48A	Norridge Ran	85.65	36	eP	P	09 49 03.0	+0.1
T45A	Paducah	85.65	38	eP	P	09 49 03.6	+0.7
T45A	Paducah	85.65	38	P	P	09 49 03.2	+0.2
HNH	Hanover	85.65	24	eP	P	09 49 03.5	+0.7
N54A	Moraine State	85.66	31	eP	P	09 49 03.1	+0.2
N54A	Moraine State	85.66	31	P	P	09 49 03.0	0.0
O52A	Adamsville	85.74	32	eP	P	09 49 03.2	-0.1
O52A	Adamsville	85.74	32	P	P	09 49 03.2	-0.1
GGN	Saint George	85.77	20	eP	P	09 49 03.3	0.0
W42A	Bald Knob	85.82	41	P	P	09 49 03.9	+0.1
P51A	Williamsport	85.83	33	eP	P	09 49 03.5	-0.2
P51A	Williamsport	85.83	33	P	P	09 49 03.4	-0.3
V43A	Jonesboro	85.84	40	P	P	09 49 04.4	+0.5
UALR	University of	85.85	42	eP	P	09 49 04.1	+0.1
X40A	Basin Creek Fa	85.86	43	eP	P	09 49 04.8	+0.8
X40A	Basin Creek Fa	85.86	43	P	P	09 49 04.3	+0.3
BINY	Binghamton	85.91	27	eP	P	09 49 03.9	-0.2
BINY	Binghamton	85.91	27	P	P	09 49 03.8	-0.3
U44B	Burton Farm, H	85.91	39	P	P	09 49 04.4	+0.2
S47A	Hartford	85.92	37	P	P	09 49 03.7	-0.5
GNAR	Gosnell	85.93	40	eP	P	09 49 05.3	+1.0
T46A	Princeton	85.96	38	P	P	09 49 04.6	+0.2
EMMW	East Machias	86.00	21	eP	P	09 49 04.6	+0.1
X41A	Knob Sautice	86.00	42	P	P	09 49 04.5	-0.1
Q50A	Georgetown	86.02	34	P	P	09 49 04.8	+0.1
R49A	Shelbyville	86.02	35	P	P	09 49 04.9	+0.1
Y40A	Okolona	86.03	43	P	P	09 49 05.0	+0.2
P52A	Corning	86.05	33	P	P	09 49 04.2	-0.6
Q51A	Peebles	86.11	34	eP	P	09 49 05.2	+0.1
Q51A	Peebles	86.11	34	P	P	09 49 05.3	+0.1
TRY	Troy	86.14	25	eP	P	09 49 05.5	+0.3
U45A	Rockin P Farm,	86.16	39	P	P	09 49 05.7	+0.2
S48A	Wigwam Farm,	86.21	36	P	P	09 49 05.5	-0.1
T47A	Sharon Grove	86.34	37	eP	P	09 49 06.5	+0.2
T47A	Sharon Grove	86.34	37	P	P	09 49 06.4	+0.2
R50A	Paris	86.37	35	P	P	09 49 06.5	+0.1
U46A	Springville	86.41	38	P	P	09 49 06.9	+0.3
S49A	Springfield	86.41	36	P	P	09 49 06.8	+0.2
P53A	Whipple	86.45	32	eP	P	09 49 06.8	+0.1
P53A	Whipple	86.45	32	P	P	09 49 06.9	+0.1
Y41A	Eagletree Beard	86.46	43	P	P	09 49 07.4	+0.5
T48A	Bowling Green	86.53	37	P	P	09 49 07.2	0.0
KSPA	Keystone Colle	86.56	27	eP	P	09 49 07.3	+0.1
Q52A	Bidwell	86.58	33	P	P	09 49 07.2	-0.2
V45A	Humboldt	86.59	39	P	P	09 49 07.2	-0.3
Z40A	Long Farm, Mag	86.59	44	P	P	09 49 08.3	+0.8
R51A	Hillsboro	86.65	34	P	P	09 49 07.7	0.0
GBN	Guyssborough	86.65	16	eP	P	09 49 08.7	+1.1
SSPA	Standing Stone	86.68	29	eP	P	09 49 07.8	0.0
SSPA	Standing Stone	86.68	29	P	P	09 49 07.9	0.0
U47A	Clarksville	86.72	38	P	P	09 49 08.2	+0.1
X43A	Marvell	86.74	41	eP	P	09 49 08.8	+0.6
X43A	Marvell	86.74	41	P	P	09 49 08.7	+0.4
WVT	Waverly	86.75	38	eP	P	09 49 08.5	+0.2
WVT	Waverly	86.75	38	eP	P	09 49 08.5	+0.2
WVT	Waverly	86.75	38	P	P	09 49 08.4	+0.2
O56A	Blue Knob Stat	86.78	30	eP	P	09 49 08.5	+0.1
O56A	Blue Knob Stat	86.78	30	P	P	09 49 08.6	+0.2
CCAR	Cane Creek	86.83	42	eP	P	09 49 09.9	+1.3
S50A	Richmond	86.86	35	P	P	09 49 08.9	+0.1
MCWV	Mont Chateau	86.87	31	eP	P	09 49 09.4	+0.6
MCWV	Mont Chateau	86.87	31	P	P	09 49 09.1	+0.3
Z41A	Richland Creek	86.88	43	P	P	09 49 09.5	+0.6
Y42A	Garnett, Star	86.88	42	P	P	09 49 09.4	+0.5
T49A	Edmonton	86.89	36	eP	P	09 49 09.1	+0.2
T49A	Edmonton	86.89	36	P	P	09 49 09.1	+0.2
V46A	Holladay	86.91	39	P	P	09 49 09.0	0.0
HAL	Halifax	86.96	18	eP	P	09 49 09.9	+0.9</

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes stations like W51A Cleveland, 244A Avery Jackson, 4Y8A Jasper, etc.

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes stations like 156A Sylvania, PCVE Castro Verde, TIGA Titton, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes stations like CONN Concepcion, MASN Masaya, CRUN Crucero, etc.

Error ellipse: s-maj=7.2km s-min=4.3km az=216.0
NEIC Fell at Sardinal, Costa Rica
UCR 22 09:57:52.0-1.2, 11.19N:85.82W, h75km, 9km, ML4.2, mb4.2(NEIC)

ISC 22 09:57:50.9-0.7, 11.09N:0.05:85.83W:0.05, h80km, 6km, n196, o089/207, mb4.3/49, 1C-3D, Nicaragua

ISCJB 22 09:41:12.7-0.4, 39.11N:0.03:-29.13E:0.04, h8km, 4km, Error ellipse: s-maj=5.0km s-min=4.2km az=42.1

DDA 22 09:41:12.5, 39.12N:29.13E, h7km, ML2.5
ISK 22 09:41:12.2, 39.11N:29.14E, h5km, ML2.2/8

ISC 22 09:41:12.7-0.9, 39.11N:0.03:-29.14E:0.03, h11km, 8km, n16, o032/25, Turkey

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes stations like SHAP Saphane-Kutahy, GEDZ Gediz, etc.

NNC 22 09:49:30.2-0.3, 43.38N:70.22E, h0km, mb3.0, mpv2.4, Error ellipse: s-maj=1.9km s-min=1.7km az=67.0

SOME 22 09:49:31.4, 43.35N:70.25E, h0km
ISC 22 09:49:28.7-2.9, 43.53N:0.1x70.22E:0.10, h0km, n14, o027/26, 15C-9D, Central Kazakhstan

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes stations like KK09 Karatay Array, KK08 Karatay Array, etc.

ISCJB 22 09:57:50.2-0.3, 11.09N:0.03:85.82W:0.03, h8km, 2km, mb4.2/49, Error ellipse: s-maj=6.2km s-min=3.4km az=33.7

IDC 22 09:57:50.8-1.0, 11.21N:85.71W, h78km, 13km, mb3.8/5, mb1 4.2/8, mb1mx3.736, mbtp4.3/8, MS3.2/5, Ms1 3.2/5, ms1mx2.8/28, Error ellipse: s-maj=32.2km s-min=13.2km az=55.0

NEIC 22 09:57:51.4-0.4, 11.08N:85.82W, h90km, 4km, mb4.2/50,

Table of station data for 22d 11h, including columns for station ID, name, coordinates, and status. Includes stations like Z44A Pea Ridge, Bel, Y49A Blount Mountain, etc.

Table of station data for 2012 SEP, including columns for station ID, name, coordinates, and status. Includes stations like 319A Douglas, N49A Columbus Grove, W18A Petrified Fore, etc.

Table of station data for 1232, including columns for station ID, name, coordinates, and status. Includes stations like KTMS Ketmen, SHLS Shavers, PDGK Padgornoye, etc.

MEX 22 12:05:35.4 0.6, 15.96N-98.75W, h17km, 99gkm, MD3.8, Off coast of Guerrero

ISC/JB 22 12:06:38.6 0.9, 38.63N-0.05-43.32E-0.06, h22km±13km, Error ellipse: s-maj=9.7km s-min=6.2km az=38.6

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

ISC/JB 22 12:27:14.8 0.3, 38.35N-0.03-58.18E-0.05, h10km, mb3.7/6, MS3.4/2, Error ellipse: s-maj=6.0km s-min=4.1km az=17.7

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

ISC/JB 22 12:27:16.4 0.6, 38.23N-0.05-58.22E-0.04, h10km, n46, c1562/42, mb3.6/6, 8C-3D, Turkmenistan

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

ISC/JB 22 12:27:25.4 1.5, 39.07N-58.79E, h0km, mb4.2, Error ellipse: s-maj=13.0km s-min=6.8km az=29.0

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

ISC/JB 22 12:29:57.8 0.5, 16.26N-98.28W, h5km±2km, MD5.4

NEIC File [1] at Mexico and Oaxaca. Also felt at Acatingo, Atlitox, Chilpancingo, Ixtaczoquitlan, Jicayan, Pinotepa Nacional, Putla and Tlalnapantla.

ISC/JB 22 12:30:00.1 0.2, 16.69N-0.02-97.92W-0.01, h29km, mb5.2/34, MS5.1/51, Error ellipse: s-maj=2.7km s-min=1.6km az=27.8

BUI 22 12:30:00.9, 16.60N-98.00W, h29km, mb5.5/21, MS5.6/21, az=9.0

GCMT 22 12:30:01.0 0.1, 16.55N-0.01-98.10W-0.01, h20km, MW5.5/123, Moment Tensor Solution. s108,c190;

UCR 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

Code Station Name Δ° AZ' Phase ID Time Res h m s ISC

IDAH comp=N,365nm,0.3s IAML 12 28 56.2

ISC/JB 22 12:29:57.8 0.5, 16.26N-98.28W, h5km±2km, MD5.4

IDAH comp=N,365nm,0.3s IAML 12 28 56.2

ISC/JB 22 12:29:58.0 0.0, 16.26N-98.28W, h6km, mb5.4/299, MD5.4(MEX), After MEX.

IDAH comp=N,365nm,0.3s IAML 12 28 56.2

ISC/JB 22 12:30:00.1 0.2, 16.69N-0.02-97.92W-0.01, h29km, mb5.2/34, MS5.1/51, Error ellipse: s-maj=2.7km s-min=1.6km az=27.8

IDAH comp=N,365nm,0.3s IAML 12 28 56.2

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

IDAH comp=N,365nm,0.3s IAML 12 28 56.2

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

IDAH comp=N,365nm,0.3s IAML 12 28 56.2

DEIG Demacu 3.99 349 eP Pn 12 30 58.3 -0.2

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

DEIG Demacu 3.99 349 eP Pn 12 30 58.3 -0.2

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

DEIG Demacu 3.99 349 eP Pn 12 30 58.3 -0.2

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

DEIG Demacu 3.99 349 eP Pn 12 30 58.3 -0.2

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

DEIG Demacu 3.99 349 eP Pn 12 30 58.3 -0.2

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

ISC/JB 22 12:30:41.2 3.2, 17.15N-94.73W, h179km±46km, mb5.4(NEIC)

DEIG Demacu 3.99 349 eP Pn 12 30 58.3 -0.2

1235

346A	baz=198,SNR=8.6 Big Creek Wild comp=Z,408nm,1.1s	16.93	26	ePn	Pn	12 33 51.7	-2.3
346A	baz=210,SNR=6.9 Big Creek Wild	16.93	26	eSn	Sn	12 36 58.0	-3.8
SRIG	baz=210,SNR=6.9 Santa Rosalia	16.97	312	ePn	Pn	12 33 55.0	+0.4
244A	comp=Z,44nm,1.1s Avery, Jackson	17.03	27	P	Pn	12 33 52.0	-3.2
142A	baz=201,SNR=8.5 Monroe	17.07	18	P	Pn	12 33 51.9	-3.9
EPT	comp=Z,92nm,1.3s El Paso	17.09	335	ePn	Pn	12 33 56.3	+0.1
HSIG	comp=Z,101nm,1.2s Vicksburg	17.21	319	ePn	P	12 33 59.6	+0.6
VBMS	comp=Z,1um,1.4s Vicksburg	17.25	22	ePn	Pn	12 33 56.1	-1.9
VBMS	baz=206,SNR=10 Vicksburg	17.25	22	P	Pn	12 33 54.7	-3.2
448A	baz=215 Bay Minette	17.29	31	P	Pn	12 33 55.6	-3.0
245A	baz=208,SNR=9.0 Saraland	17.32	24	P	Pn	12 33 56.2	-2.7
347A	baz=213 Long Farm, Mag	17.36	29	P	Pn	12 33 56.3	-3.1
143A	baz=198,SNR=6.9 Socs Landing,	17.38	19	ePn	Pn	12 33 57.9	-1.8
143A	comp=Z,581nm,1.3s Socs Landing,	17.38	19	P	Pn	12 33 56.6	-3.0
241A	baz=202,SNR=8.7 Richland Creek	17.50	15	ePn	Pn	12 34 00.6	-0.5
241A	comp=Z,2um,1.5s Richland Creek	17.50	15	P	Pn	12 33 59.8	-1.3
246A	baz=198,SNR=14 Jackson Lee, B	17.62	26	P	Pn	12 33 59.6	-3.0
144A	baz=210 Alexander Plac	17.65	22	P	Pn	12 34 00.1	-2.9
348A	baz=205 Jackson	17.67	30	ePn	Pn	12 34 01.6	-1.6
348A	comp=Z,144nm,0.9s Jackson	17.67	30	eS	Sn	12 37 21.1	+1.6
348A	baz=214 Jackson	17.67	30	P	Sn	12 37 00.1	-3.1
242A	baz=200,SNR=7.4 Norrel Spur, H	17.75	17	P	Pn	12 34 01.0	-3.2
145A	baz=207 Houston Renfro	17.81	23	P	Pn	12 34 01.5	-3.5
247A	baz=211,SNR=5.2 Quitman	17.87	27	P	Pn	12 34 02.8	-3.0
BRAL	baz=229,SNR=6.1 Brewton	17.89	33	ePn	Pn	12 34 04.2	-1.8
BRAL	comp=Z,291nm,1.4s Brewton	17.89	33	P	Pn	12 34 03.4	-2.7
349A	baz=216,SNR=6.1 Repton	17.97	32	P	Pn	12 34 04.0	-3.0
MSTX	comp=Z,110nm,1.2s Muleshoe	18.00	348	ePn	Pn	12 34 06.2	-1.2
MSTX	baz=166,SNR=59 Muleshoe	18.00	348	P	Pn	12 34 06.6	-0.8
319A	comp=Z,110nm,0.8s Douglas	18.03	328	ePn	P	12 34 08.8	+0.6
552A	baz=224 Lynn Haven	18.09	39	P	Pn	12 34 05.5	-2.9
Y40A	baz=195,SNR=26 Okolona	18.11	13	P	Pn	12 34 05.9	-2.7
Y41A	baz=198,SNR=23 Eaglette Beard	18.14	15	P	Pn	12 34 06.4	-2.7
451A	comp=Z,200nm,1.1s Vernon	18.18	37	ePn	Pn	12 34 16.4	+6.7
146A	comp=Z,752nm,1.4s Union	18.19	25	ePn	Pn	12 34 07.9	-1.7
146A	baz=209,SNR=10.0 Union	18.19	25	P	Pn	12 34 06.5	-3.1
Z44A	baz=204 Pea Ridge, Bel	18.23	21	P	Pn	12 34 07.4	-2.8
121A	baz=150,SNR=48 Cooks Peak, D	18.29	333	P	P	12 34 11.8	+0.8
WMOK	comp=Z,153nm,1.2s Wichita Mounta	18.30	358	ePn	Pn	12 34 08.7	-2.3
WMOK	baz=178,SNR=6.1 Wichita Mounta	18.30	358	P	Pn	12 34 08.7	-2.3
248A	baz=214,SNR=9.1 Dixon Mills	18.31	29	P	Pn	12 34 07.9	-3.2
Y42A	baz=200 Garnett, Star	18.32	17	P	Pn	12 34 08.9	-2.3
CCAR	comp=Z,877nm,1.5s Cane Creek	18.40	17	eP	P	12 34 12.1	-0.1
X39A	baz=193,SNR=58 Fountain Ranch	18.43	11	P	P	12 34 10.1	-2.3
350A	baz=218 Dozie	18.47	34	P	P	12 34 10.6	-2.3
249A	baz=215,SNR=16 Camden	18.51	31	P	P	12 34 11.1	-2.2
058A	baz=232,SNR=12 Arcadia	18.55	52	P	P	12 34 12.9	-1.0
147A	comp=Z,2um,1.9s Livingston	18.55	27	P	P	12 34 12.7	-1.1
147A	baz=211,SNR=12 Livingston	18.55	27	P	P	12 34 11.5	-2.3
MIAR	comp=Z,426nm,1.1s Mount Ida	18.57	12	eP	P	12 34 12.2	-1.7
MIAR	comp=Z,426nm,1.1s Mount Ida	18.57	12	eP	P	12 34 12.2	-1.7
MIAR	baz=194,SNR=85 Mount Ida	18.57	12	P	P	12 34 11.8	-2.1
Z45A	baz=206 Winona	18.58	23	eP	P	12 34 12.8	-1.4
245A	comp=Z,786nm,1.4s Winona	18.58	23	P	P	12 34 11.7	-2.5
553A	baz=225 Crawfordville	18.66	40	P	P	12 34 12.3	-2.6
X40A	comp=Z,762nm,2.0s Basin Creek Fa	18.67	14	eP	P	12 34 13.5	-1.5
X40A	baz=196,SNR=26 Basin Creek Fa	18.67	14	P	P	12 34 12.6	-2.4
061Z	comp=Z,93nm,1.1s Ochopli	18.67	37	eP	Pn	12 34 15.7	+0.2
452A	comp=Z,339nm,1.3s Mariana	18.68	37	P	P	12 34 13.0	-2.2
AMTX	baz=222,SNR=5.9 Amarillo	18.70	351	eP	P	12 34 14.9	-0.6
AMTX	comp=Z,339nm,1.3s Amarillo	18.70	351	P	P	12 34 15.0	-0.6
Z46A	baz=209 Louisville	18.72	25	P	P	12 34 13.2	-2.5
X51A	baz=197,SNR=15 Kaden, Bauxite	18.75	15	P	P	12 34 13.5	-2.5
351A	baz=220 Pinckard	18.76	35	P	P	12 34 13.4	-2.6
148A	baz=213,SNR=7.6 Greenoro	18.84	29	P	P	12 34 15.3	-1.7
Y44A	baz=204,SNR=6.5 Strider, Charl	18.93	21	P	P	12 34 16.8	-1.1
250A	comp=Z,218nm,1.1s Grady	18.94	33	P	P	12 34 18.1	+0.1
250A	baz=218 Grady	18.94	33	P	P	12 34 16.9	-1.1
655A	baz=223 Horseshoe Beac	18.95	44	P	P	12 34 15.9	-2.4
059A	comp=Z,98nm,0.8s Moore Haven	19.01	53	eP	P	12 34 19.1	+0.2
059A	baz=240 Moore Haven	19.01	53	P	P	12 34 18.4	-0.5
X42A	baz=200 Stuttgart	19.04	17	P	P	12 34 18.0	-1.2
554A	baz=227 Perry	19.05	42	P	P	12 34 17.1	-2.2
UALR	comp=Z,385nm,1.4s University of	19.06	15	eP	P	12 34 19.2	-0.2
Y45A	baz=206 Yeager Farm, C	19.08	23	P	P	12 34 18.4	-1.2
Z47A	baz=211 Carrollton	19.09	27	P	P	12 34 17.7	-1.9
PNME	comp=Z,301nm,1.2s Penonome	19.12	112	eP	Pn	12 34 21.8	+0.8
W39A	baz=193,SNR=62 Magazin	19.16	11	eP	P	12 34 20.2	-0.2
439A	comp=Z,122nm,0.8s Whigham	19.19	39	eP	Pn	12 34 19.9	-0.5
453A	baz=224,SNR=6.4 Whigham	19.19	39	P	P	12 34 18.3	-2.5

2012 SEP

X43A	comp=Z,1um,1.6s Marvell	19.23	19	eP	Pn	12 34 22.2	+0.1
X43A	baz=202,SNR=7.0 Marvell	19.23	19	P	P	12 34 20.6	-0.6
BNM	comp=Z,171nm,1.5s Barro Site	19.26	338	eP	Pn	12 34 23.3	+0.5
BCIP	comp=Z,171nm,1.5s Isa Barro Col	19.27	110	eP	Pn	12 34 24.8	+1.9
BCIP	comp=Z,171nm,1.5s Isa Barro Col	19.27	110	eP	P	12 34 21.6	-0.3
BCIP	comp=Z,171nm,1.5s Isa Barro Col	19.27	110	eP	Pn	12 34 18.6	-3.3
BCIP	comp=Z,171nm,1.5s Isa Barro Col	19.27	110	eP	Pn	12 34 30.7	+7.8
352A	comp=Z,18nm,1.7s Blakely	19.29	36	eP	Pn	12 34 22.6	-0.3
352A	comp=Z,311nm,1.3s Blakely	19.29	36	P	P	12 34 20.1	-1.8
W40A	comp=Z,296nm,1.1s Ferguson Farm,	19.29	13	eP	P	12 34 22.1	+0.2
W40A	comp=Z,296nm,1.1s Ferguson Farm,	19.29	13	P	P	12 34 21.1	-0.9
Y22D	comp=Z,133nm,0.8s IRIS PASSCAL I	19.29	338	P	Pn	12 34 23.4	+0.2
ZANG	baz=154 Zanguenga, Cho	19.33	110	eP	Pn	12 34 26.1	+2.5
656A	comp=Z,112nm,0.9s Willston	19.35	45	eP	P	12 34 22.5	0.0
656A	comp=Z,112nm,0.9s Willston	19.35	45	P	P	12 34 19.6	-3.0
Y46A	baz=231 Houston	19.36	24	P	P	12 34 21.6	-1.1
DWPF	comp=Z,208,SNR=32 Disney Wildern	19.39	50	eP	P	12 34 23.4	+0.3
DWPF	comp=Z,213nm,0.8s Disney Wildern	19.39	50	P	P	12 34 20.3	-2.8
LENM	comp=Z,342nm,1.9s Lemitar	19.40	338	eP	Pn	12 34 24.8	+0.4
LPM	comp=Z,342nm,1.9s Los Pinos Moun	19.41	339	eP	Pn	12 34 26.0	+1.5
757A	comp=Z,342nm,1.9s Laford	19.41	47	P	P	12 34 20.8	-2.4
LRAL	comp=Z,342nm,1.9s Lakeview Retre	19.43	29	eP	P	12 34 23.2	-0.3
LRAL	comp=Z,342nm,1.9s Lakeview Retre	19.43	29	P	P	12 34 22.4	-1.0
X44A	comp=Z,214,SNR=37 Crenshaw	19.44	20	P	P	12 34 22.5	-1.1
W41B	comp=Z,204,SNR=7.0 Gary Mavit, V	19.46	15	eP	P	12 34 23.6	-0.2
W41B	comp=Z,458nm,1.7s Gary Mavit, V	19.46	15	P	P	12 34 22.9	-0.9
Z48A	comp=Z,197,SNR=20 Northport	19.46	28	P	P	12 34 22.2	-1.6
AZU	comp=Z,83nm,1.3s Azuro	19.48	114	eP	Pn	12 34 26.9	+1.5
AZU	comp=Z,83nm,1.3s Azuro	19.48	114	eP	Pn	12 34 22.1	-1.9
251A	comp=Z,83nm,1.3s Midway	19.49	34	P	P	12 34 22.1	-1.9
959A	comp=Z,190nm,1.1s Okechobee	19.50	52	P	P	12 34 22.2	-2.0
555A	comp=Z,190nm,1.1s McAlpin	19.54	43	eP	P	12 34 24.5	-0.2
555A	comp=Z,229,SNR=6.8 McAlpin	19.54	43	P	P	12 34 22.6	-2.1
TUC	comp=Z,83nm,1.3s Tucson	19.55	327	eP	Pn	12 34 26.5	+0.3
TUC	comp=Z,83nm,1.3s Tucson	19.55	327	eP	Pn	12 34 26.5	+0.3
TUC	comp=Z,83nm,1.3s Tucson	19.55	327	P	Pn	12 34 26.5	+0.3
150A	comp=Z,142 Eclectic	19.57	32	P	P	12 34 23.2	-1.7
WHAR	comp=Z,217,SNR=26 Woolly Hollow	19.57	15	eP	P	12 34 24.9	0.0
TUL1	comp=Z,77nm,1.8s Leonard	19.58	6	eP	P	12 34 23.8	-1.2
TUL1	comp=Z,1um,1.5s Leonard	19.58	6	P	P	12 34 24.0	-1.0
353A	comp=Z,167,SNR=94 Gallia	19.61	38	P	P	12 34 23.8	-1.5
UPA	comp=Z,224,SNR=6.8 Univ. de Panam	19.62	110	eP	P	12 34 25.8	+0.1
X45A	comp=Z,196,SNR=9.0 UM Field Stati	19.64	22	P	P	12 34 24.3	-1.3
LAZ	comp=Z,222nm,0.9s Ladron	19.67	338	eP	Pn	12 34 28.2	+0.5
OXF	comp=Z,206 Oxford	19.71	22	P	P	12 34 25.0	-1.5
W42A	comp=Z,199 Bald Knob	19.75	16	P	P	12 34 25.9	-1.0
859A	comp=Z,199 Kempfer Cattle	19.76	51	P	P	12 34 25.2	-1.9
252A	comp=Z,237 Lumpkin	19.78	36	P	P	12 34 25.4	-1.9
Y47A	comp=Z,237,SNR=14						

22d 12h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like T45A Paducah, W51A Cleveland, SDCO Great Sand Dun, etc.

2012 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PV13 Radium Mtn., PV02 Paradox Valley, PV05 Paradox Valley, etc.

1236

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BLO Bloomington, BLO Bloomington, B39A Derby Farms, etc.

M43A	Waltham Townsh	26.22	16	P	P	12 35 31.0	-0.8
ARVC	Arvin	26.25	319	P	P	12 35 33.6	+1.5
DAC	Darwin (Calif)	26.27	323	eP	P	12 35 34.4	+1.8
DAC	Darwin (Calif)	26.27	323	eP	Pmax	12 35 34.4	+1.8
L40A	Anamosa	26.29	12	eP	P	12 35 31.9	-0.5
L40A	Anamosa	26.29	12	P	P	12 35 31.7	-0.7
MPU	Maple Canyon	26.30	336	eP	P	12 35 33.8	+1.0
BARC	Barichara	26.34	109	eP	P	12 35 35.0	+1.6
P50A	Jamestown	26.34	26	P	P	12 35 35.1	-1.4
O48A	Farmland	26.36	23	P	P	12 35 31.6	-1.4
K36A	Gilmore City	26.37	6	P	P	12 35 32.4	-0.8
N46A	Monticello	26.37	20	P	P	12 35 32.3	-0.9
ISA	Isabella, Lake	26.38	321	eP	P	12 35 35.9	+2.5
ISA	Isabella, Lake	26.38	321	eP	Pmax	12 35 35.9	+2.5
ISA	Isabella, Lake	26.38	321	P	P	12 35 34.4	+1.0
RWWY	Rawlins	26.40	345	eP	P	12 35 35.3	+1.6
NLU	North Lily Min	26.42	336	eP	P	12 35 35.3	+1.4
M44A	Midewin, Midew	26.42	17	eP	P	12 35 33.3	-0.4
M44A	Midewin, Midew	26.42	17	P	P	12 35 32.9	-0.7
L41A	Preston	26.45	13	P	P	12 35 33.2	-0.7
Q52A	Bidwell	26.48	29	P	P	12 35 33.4	-0.8
P51A	Williamsport	26.48	27	eP	P	12 35 34.1	-0.7
P51A	Williamsport	26.48	27	P	P	12 35 33.9	-0.9
L42A	Oliver, Polo	26.57	14	eP	P	12 35 34.4	-0.6
L42A	Oliver, Polo	26.57	14	P	P	12 35 34.0	-1.0
K37A	Belmond	26.59	8	P	P	12 35 33.5	-1.6
O49A	Covington	26.61	24	eP	P	12 35 34.2	-1.2
O49A	Covington	26.61	24	P	P	12 35 34.1	-1.3
GRAC	Grapevine Rang	26.64	324	P	P	12 35 37.4	+1.6
M45A	Boilermakers S	26.66	19	P	P	12 35 35.3	-0.5
CWC	Cottonwood Cre	26.67	322	P	P	12 35 37.8	+1.7
CHIC	Chigazza	26.69	113	eP	P	12 35 37.6	+0.8
R11A	Troy Canyon, C	26.70	328	eP	P	12 35 37.6	+1.2
R11A	Troy Canyon, C	26.70	328	P	P	12 35 37.6	+1.2
N47A	Urbana	26.71	21	P	P	12 35 34.7	-1.5
PKM	Mpherson Peak	26.73	318	P	P	12 35 38.1	+1.4
JLU	Jordanelle	26.74	337	eP	P	12 35 38.3	+1.5
K39A	Oelwein	26.79	10	P	P	12 35 35.5	-1.4
O50A	Cable	26.87	25	P	P	12 35 36.3	-1.3
VES	Vestal, Richgr	26.87	320	P	P	12 35 39.4	+1.6
DUG	Dugway, Tooele	26.92	335	eP	P	12 35 39.7	+1.4
DUG	Dugway, Tooele	26.92	335	eP	Pmax	12 35 39.7	+1.4
DUG	Dugway, Tooele	26.92	335	P	P	12 35 39.6	+1.2
K40A	Colesburg	26.93	12	P	P	12 35 37.6	-0.6
CTU	Camp Trac	26.93	337	eP	P	12 35 40.0	+1.5
N48A	Decatur	26.93	22	P	P	12 35 36.6	-1.6
M46A	Old House Flr	26.96	20	eP	P	12 35 38.2	-0.3
M46A	Old House Flr	26.96	20	P	P	12 35 38.1	-0.3
L43A	Garden Prairie	26.97	16	P	P	12 35 38.2	-0.4
K41A	Shullsburg	27.00	13	P	P	12 35 37.8	-1.1
SDD	Santo Domingo	27.05	81	eP	P	12 35 45.7	+6.1
P52A	Corning	27.08	28	P	P	12 35 38.6	-1.0
SMMC	Simmler	27.11	318	P	P	12 35 42.0	+2.0
K22A	Casper	27.14	346	eP	P	12 35 41.6	+1.3
K22A	Casper	27.14	346	P	P	12 35 40.8	+0.5
SJAC	San Juan de Ar	27.16	116	eP	P	12 35 44.9	+4.3
M47A	Cromwell	27.16	21	P	P	12 35 38.7	-1.6
TCUT	Toone Canyon	27.17	338	eP	P	12 35 42.4	+1.7
L44A	Lake Unity Fo	27.19	17	P	P	12 35 40.1	-0.5
ACSO	Alum Creek Sta	27.20	26	eP	P	12 35 39.9	-0.8
ACSO	Alum Creek Sta	27.20	26	P	P	12 35 39.5	-1.2
O51A	Pataskala	27.29	27	P	P	12 35 40.6	-0.9
N49A	Columbus Grove	27.30	24	eP	P	12 35 41.0	-0.6
N49A	Columbus Grove	27.30	24	P	P	12 35 40.3	-1.3
P53A	Whipple	27.30	29	eP	P	12 35 41.4	-0.2
P53A	Whipple	27.30	29	P	P	12 35 41.1	-0.6
ECSD	EROS Data Cent	27.30	2	eP	P	12 35 40.9	-0.7
ECSD	EROS Data Cent	27.30	2	P	P	12 35 41.1	-0.5
JFWS	Jewell Farm	27.31	13	P	P	12 35 41.1	-0.5
K42A	Prairie Point	27.39	14	P	P	12 35 41.3	-1.0
J39A	Decorah	27.44	10	P	P	12 35 41.5	-1.2
L46A	Eue Claire	27.52	19	P	P	12 35 42.4	-1.1
PAGB	Antelope Grade	27.53	319	eP	P	12 35 47.1	+3.4
K43A	Burlington	27.57	16	eP	P	12 35 43.5	-0.4
K43A	Burlington	27.57	16	P	P	12 35 43.5	-0.4
N50A	Nevada	27.59	25	P	P	12 35 43.1	-1.0
M48A	Edgerton	27.59	22	eP	P	12 35 43.6	-0.5
O52A	Adamsville	27.61	28	eP	P	12 35 43.5	-0.8
O52A	Adamsville	27.61	28	P	P	12 35 43.3	-1.0
BGU	Big Grassy Mou	27.63	335	eP	P	12 35 46.1	+1.4
HWUT	Hardware Ranch	27.66	338	eP	P	12 35 46.1	+1.1
TAMC	Tame, Arauca	27.67	108	eP	P	12 35 45.6	+0.4
J40A	Soldiers Grove	27.67	12	P	P	12 35 43.6	-1.3
SPUT	South Promonto	27.73	337	eP	P	12 35 47.0	+1.4

J41A	Loganville	27.79	13	P	P	12 35 44.9	-1.0
L47A	Sherwood	27.85	21	P	P	12 35 45.3	-1.2
M49A	Liberty Center	27.86	23	P	P	12 35 45.6	-1.0
SDV	Santo Domingo	27.88	102	eP	P	12 35 48.2	+0.9
SDV	Santo Domingo	27.88	102	eP	P	12 35 48.8	+1.5
SDV	Santo Domingo	27.88	102	eP	P	12 35 47.5	+0.2
SDV	Santo Domingo	27.88	102	eP	P	12 35 48.0	+0.8
MLAC	Mammoth, Mam	27.92	323	P	P	12 35 48.7	+1.2
J42A	Columbus	27.95	14	P	P	12 35 46.7	-0.6
I39A	Houston	27.97	10	eP	P	12 35 46.6	-0.9
I39A	Houston	27.97	10	P	P	12 35 46.5	-1.0
R58B	Mineral	27.97	36	P	P	12 35 46.9	-0.7
SUSD	Miller	27.99	359	P	P	12 35 46.6	-1.1
OMMB	Old Mammoth Mi	28.01	323	eP	P	12 35 50.7	+2.4
N51A	Ashland	28.03	26	eP	P	12 35 47.1	-1.0
N51A	Ashland	28.03	26	P	P	12 35 46.4	-1.7
BW06	Boulder Hill	28.04	342	eP	P	12 35 48.8	+0.3
BW06	Boulder Hill	28.04	342	P	P	12 35 48.8	+0.3
PD31	Pinedale Array	28.04	342	eP	P	12 35 48.8	+0.3
PDAR	Pinedale Array	28.04	342	eP	P	12 35 48.8	+0.3
PDAR	Pinedale Array	28.04	342	P	P	12 39 02.2	-0.8
PDAR	Pinedale Array	28.04	342	P	P	12 47 54.3	
PDAR	Pinedale Array	28.04	342	P	P	12 35 48.2	-0.3
PDAR	Pinedale Array	28.04	342	P	P	12 39 02.2	-0.8
L48A	N Adams	28.10	22	P	P	12 35 42.7	-1.5
RSSD	Black Hills	28.10	351	eP	P	12 35 49.7	+0.8
RSSD	Black Hills	28.10	351	eP	Pmax	12 35 49.7	+0.8
RSSD	Black Hills	28.10	351	P	P	12 35 49.3	+0.4
NV11	Mina Array Sit	28.11	325	eP	P	12 35 50.5	+1.5
M50A	Fremont	28.16	25	P	P	12 35 48.4	-0.8
M50A	Fremont	28.16	25	P	P	12 35 48.3	-1.0
I40A	Norwalk	28.17	12	P	P	12 35 48.4	-0.9
J43A	Natural Harves	28.18	15	P	P	12 35 48.5	-0.9
MCWV	Mont Chateau	28.18	31	P	P	12 35 48.9	+0.4
MCWV	Mont Chateau	28.18	31	eP	P	12 35 48.5	-0.9
NV01	Mina Array Sit	28.19	325	eP	P	12 35 50.8	+1.0
NVAR	Mina Array Bea	28.19	325	eP	P	12 35 51.0	+1.2
NVAR	Mina Array Bea	28.19	325	P	P	12 39 03.0	-0.4
NVAR	Mina Array Bea	28.19	325	P	P	12 47 36.2	
HVU	Hanse Valley	28.24	337	eP	P	12 35 51.3	+1.0
HVU	Hanse Valley	28.26	337	eP	Pmax	12 35 51.3	+1.0
K46A	Dor	28.30	20	P	P	12 35 49.3	-1.1
RYN	Ryan	28.45	325	eP	P	12 35 54.7	+2.7
M51A	Elyria	28.45	26	P	P	12 35 50.4	-1.4
L49A	Milan	28.48	23	P	P	12 35 51.2	-0.9
I41A	Arkdale	28.49	13	eP	P	12 35 51.7	-0.4
I41A	Arkdale	28.49	13	P	P	12 35 51.4	-0.7
KVN	Kaiserville	28.52	326	eP	P	12 35 54.2	+1.5
AHD	Auburn Hatcher	28.53	340	eP	P	12 35 54.2	+1.5
I42A	Draeger Farm	28.54	14	eP	P	12 35 52.1	-0.4
I42A	Draeger Farm	28.54	14	P	P	12 35 52.2	-0.4
K47A	Vermontville	28.54	21	P	P	12 35 51.3	-1.3
H38A	Malden Rock	28.65	9	P	P	12 35 52.8	-0.8
AAM	Ann Arbor	28.69	23	eP	P	12 35 52.7	-1.3
AAM	Ann Arbor	28.69	23	eP	Pmax	12 35 52.7	-1.3
AAM	Ann Arbor	28.69	23	P	P	12 35 52.9	-1.1
I43A	Lengfield Bro	28.72	15	P	P	12 35 53.4	-0.7
H39A	Augusta	28.82	10	P	P	12 35 54.2	-0.8
WAKR	Walker	28.82	324	eP	P	12 35 58.5	+2.6
H40A	Chili	28.92	12	P	P	12 35 55.1	-0.8
J46A	Howard City	28.93	19	P	P	12 35 55.2	-0.9
K48A	Perry	28.96	22	P	P	12 35 55.2	-1.1
REDW	Red Top Meadow	28.98	341	eP	P	12 35 57.4	+0.6
H41A	Junction City	29.06	13	P	P	12 35 56.4	-0.9
H41A	Junction City	29.06	13	P	P	12 35 56.4	-0.9
YERR	Yerington	29.10	325	eP	P	12 35 59.8	+1.9
CMB	Columbia Colle	29.10	322	eP	P	12 35 59.5	+1.8
J47A	Summer	29.10	20	P	P	12 35 56.7	-0.9
BMN	Battle Mountai	29.11	329	eP	P	12 35 59.2	+1.3
BMN	Battle Mountai	29.11	329	eP	P	12 36 08.9	+2.5
BMN	Battle Mountai	29.11	329	eP	P	12 35 59.2	+1.3
BMN	Battle Mountai	29.11	329	eP	P	12 36 08.9	+2.5
SPMN	Marine on St.	29.12	8	eP	P	12 35 56.5	-1.2
SPMN	Marine on St.	29.12	8	P	P	12 35 56.7	-1.0
N54A	Moraine State	29.13	29	eP	P	12 35 57.8	-0.1
N54A	Moraine State	29.13	29	P	P	12 35 57.0	-0.9
TPAW	Teton Pass	29.13	341	eP	P	12 35 59.3	+1.1
LOHW	Long Hollow	29.13	341	eP	P	12 35 58.8	+0.7
G38A	Ridgeland	29.20	9	P	P	12 35 57.5	-0.9
H42A	Shiocton	29.21	14	eP	P	12 35 57.9	-0.6
H42A	Shiocton	29.21	14	P	P	12 35 57.6	-0.9
O56A	Blue Knob Stat	29.28	32	eP	P	12 35 58.9	-0.4
O56A	Blue Knob Stat	29.28	32	P	P	12 35 58.6	-0.7
FXWY	Fox Creek	29.28	341	eP	P	12 36 00.1	+0.6
MOOW	Moose Ponds	29.30	341	eP	P	12 36 00.1	+0.5
H43A	Windswept, Lux	29.36	15	eP	P	12 35 59.3	-0.6

H43A	Windswept, Lux	29.36	15	P	P	12 35 58.7	-1.2
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22d 12h

2012 SEP

1238

Table with columns: Station, Name, Time, Date, Status, and other details. Includes entries like N59A State Game Lan, BOZ Bozeman (W), WYOR Wild Horse Val, etc.

Table with columns: Station, Name, Time, Date, Status, and other details. Includes entries like HRV Adam Dzewionsk, ORIO Oriole, E08A Dider Farm, etc.

Table with columns: Station, Name, Time, Date, Status, and other details. Includes entries like SIV San Ignacio, SKAG Skagway, FRB Frobisher Bay, etc.

22d 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MDOK, KOTS, KTBS, KUW, EKSZ, CHKK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NNC, SFK, MNAS, KK31, AAK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MEX, PNIG, TLIG, MEIG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NNC, KRNET, DRK, BTK, SFK, ARS, etc.

2012 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CHMS, USP, USP, ULHL, TKM2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC, PSI, CMAR, FITZ, WRA, ASAR, MKAR, SONM, GERES, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC, SJUI, WRA, STKA, MKAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAN, BUKP, CAGP, CTBH, BUTP, SKMP, etc.

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

Text block containing station coordinates and error ellipse information for IDC 22 13:30:56.9, 0.6, 1'8S, 151.17E, h0km, mb4.6/21, etc.

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

1240

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like COEN, JAY, JAY, GENI, CTA, CTA, CTAO, etc.

22d 14h

0.6m,0.7s,baz=58,slow=9.1,SNR=11
TORD Torodi Ar. Bea 148.71 286 PKPbc PKPbc 14 17 29.7 -0.6

ISCJB 22 14:13:06.4+0.9,39.47N,0.04+35.37E,0.04,h7km,6km,
Error ellipse: s-maj=6.6km s-min=5.6km az=169.8
DDA 22 14:13:06.7,39.48N,35.33E,h7km,ML2.6
ISK 22 14:13:06.0,39.49N,35.42E,h5km,ML2.0/4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Yozgat, Sarkisla-SIVAS, Nevsehir-Avano, etc.

IDC 22 14:15:33.0+0.7,10.78S,113.83E,h0km,mb4.2/14,
mb1.4/3/16,mb1mx4.2/36,mbmp4.2/16,ML4.3/2,MS3.5/3,
Ms1.3/3,ms1mx3.0/31,Error ellipse: s-maj=26.1km
s-min=14.0km az=61.0

NEIC 22 14:15:35.1+0.3,10.80S,113.81E,h10km,mb4.1/2, Error
ellipse: s-maj=10.3km s-min=4.9km az=223.0
ISCJB 22 14:15:36.5+0.3,10.85S,113.75E,0.03,h33km,
mb4.1/19,MS3.4/2,Error ellipse: s-maj=5.3km
s-min=4.4km az=35.6

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

DJA 22 14:15:37.0+0.5,11.1S,114.1E,h10km,ML4.6/21,
mB5.0/1,mb4.8/37,ML4.5/21,MWmB3.4/4/1
ISC 22 14:15:38.4+0.6,10.86S,107.11384E,0.06,h35km,n64,
a150/66,mb4.2/19, South of Java

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

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

ISCJB 22 14:22:56.8+0.4,38.64N,0.02+35.78E,0.03,h0km, Error
ellipse: s-maj=3.8km s-min=3.2km az=20.7
DDA 22 14:22:56.4,38.64N,35.80E,h7km,ML3.0
ISK 22 14:22:56.1,38.66N,35.76E,h5km,ML2.4/4, Suspected
Mining explosion.

ISC 22 14:22:57.1+0.9,38.65N,0.03+35.80E,0.03,h0km,n15,
a150/26, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes station Bunyan.

2012 SEP

Table with columns: BNN, YAHY, KAYSERI, Yalyal, etc. Includes station names and coordinates.

IDC 22 14:24:37.8+3.5,5.71S,150.80E,h0km,mb3.4/2,
mb1.3/7/2,mb1mx3.3/36,mbmp3.5/2,Error ellipse:
s-maj=137.5km s-min=46.2km az=118.0, New Britain
region

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

ISCJB 22 14:38:05.0+0.3,32.40S,0.06+14.15W,0.08,h10km,
mb4.5/26,MS4.4/28,Error ellipse: s-maj=9.9km
s-min=8.0km az=6.6

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

ISC 22 14:38:07.0+0.3,32.45S,0.13+14.15W,0.08,h10km,
mb4.9/10, Error ellipse: s-maj=10.5km s-min=10.3km az=164.0
BJJ 22 14:38:07.0,32.30S,14.20W,h10km,mb5.5/4,Ms5.1/3,
Ms7.4/3/3

GCMT 22 14:38:12.1+0.2,32.38S,0.01+13.95W,0.01,h18km,1km,
MW5.1/100, Moment Tensor Solution. s41,c50;
s100,c162; Duration: 0 Moment tensor: Scale 10^16Nm;
Mn=2.00e+17; Mpp=1.63e+13; Mpp3.63e+16; Mo=0.31e+30;
Mpp3.90e+10; Mpp=1.18e+33; Best double couple:
Mo4.81800e+16 NP1,po,344.000000, 689.000000,
lambda=167.000000, NP2,po,253.000000, 877.000000,
lambda=1.000000. Principal axes: T: 5.8830, Pigs:0000;
Azim:18.0000; N: 2.1300, Pigt:0000; Azm:348.0000;
C: -3.7630, Pli:0.0000; Azm:209.0000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rater function

ISC 22 14:38:07.1+0.4,32.44S,0.08+14.19W,0.10,h10km,n73,
a1545/57,mb4.7/26,MS4.4/28,1,C,Southern Mid-Atlantic
Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H09N1, TRISTAN DA CUN, etc.

1242

Table with columns: Vnda, Vanda, 70.28 179 eP, etc. Includes station names and coordinates.

comp=Z,153nm,21.5s,baz=174,slow=32
Vnda Vanda 70.28 179 eP P 14 49 21.4 +1.4

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

comp=Z,52nm,21.1s,baz=220,slow=35
NOA NORSAR Array B 95.43 12 LR LR 15 33 60.0

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

comp=Z,120nm,28.7s
WMQ WMQ comp=Z,120nm,28.7s LR LR 14 57 20.6

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

ISCJB 22 14:42:43.9+0.5,37.23N,0.03+28.20E,0.03,h0km, Error
ellipse: s-maj=5.0km s-min=3.2km az=29.4
ISK 22 14:42:43.3,37.22N,28.17E,h2km,ML2.0/5
DDA 22 14:42:43.1,37.21N,28.20E,h5km,ML2.4/4, Suspected
Mining explosion.

ISC 22 14:42:43.4+1.0,37.21N,0.03+28.17E,0.03,h0km,n13,
a095/20, Turkey

comp=Z,160nm,26.5s
WMQ WMQ comp=Z,160nm,26.5s LR LR 14 57 20.6

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

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

Table with columns: BRTR, FIAO, FINES, FINEW, MAWSON, OJC, ARAO, ARCES, GEAO, GECZ, GERES, NOA, CART, DBIC, NVO1, NVAR, PDAR, PUPA, CPUP, and other station identifiers with their respective parameters.

INMG 22 18:20:38.61, 1.6, 38:36N, 0:37W, h0km, ML2.5, Error ellipse: s-maj=12.4km s-min=3.6km az=98.0, Portugal

CNRM 22 18:20:39.8, 3.7, 79N, 1:16W, h5km, ML3.2

MDD 22 18:20:39.0, 4.3, 38:33N, 1:05W, h11km, mbLg2, 22.1C, Error ellipse: s-maj=4.2km s-min=3.1km az=126.0, PRXIMO, Spain

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for stations in the PRXIMO, Spain region.

Table with columns: PBAR, PMRV, PESTR, PVAQ, PVAQ, EVO, and other station identifiers with their respective parameters.

INMG 22 18:21:43.0±1.2, 39:34N, 9:49W, h0km, ML1.0, Error ellipse: s-maj=12.4km s-min=3.6km az=98.0, Portugal

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for stations in the Portugal region.

NIED 22 18:24:00.38, 60N, 142:00E, h44km, Mw3.8, Best double couple: Mb63000-1014, NP1%, 148.00000, 835.00000, 1-21.00000, NP2%, 255.00000, 578.00000, 1-124.00000

JMA 22 18:24:19.6, 0.1, 38:58N, 142:00E, h40km, 1km, M4.0 JMA Felt II J1

IDC 22 18:24:21.3, 2.4, 38:52N, 142:10E, h55km, 21km, mb3.5/8, mb1.3/6.13, mb1mx3.4/37, mbtmp3.7/13, ML3.5/4, MS2.7/5, Ms1.2/7.5, ms1mx2.5/34, Error ellipse: s-maj=23.4km s-min=12.9km az=107.0

ISC 22 18:24:16.2, 6.2, 38:51N, 0:05E, 142:22E, 0:08, h16km, 14km, n30, 1:97/31, mb3.8/8, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for stations in the Honshu region.

JMA 22 18:44:12.7±0.1, 43:64N, 138:31E, h291km, M2.9

ISCJB 22 18:44:14.1±1.1, 43:6N, 0:1, 138:4E, 0:1, h274km, mb2.8/2, Error ellipse: s-maj=16.9km s-min=9.1km az=149.8

IDC 22 18:44:16.2, 5.7, 43:53N, 138:69E, h279km, 33km, mb2.6/2, mb1.2/8.4, mb1mx2.6/37, mbtmp3.2/4, Error ellipse: s-maj=17.6km s-min=3.1km az=129.0

ISC 22 18:44:15.6±1.8, 43:53N, 0:1, 138:6E, 0:1, h274km, n14, 1:80/19, Eastern Sea of Japan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters for stations in the Eastern Sea of Japan region.

NCC 22 18:44:50.4, 48:18.0, 37:04N, 70:22E, h0km, mb3.5, mpv3.1, 3C-3D, Error ellipse: s-maj=142.8km s-min=116.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, MNAS Manas, KK31 Karatay Array.

ISCJB 22 18:47:06.8-0.3, 62.23N, 0.02-145.71W, 0.02, h13km, 7km, mb3.7/5, MS3.0/3, Error ellipse: s-maj=3.0km s-min=2.6km az=168.4

NEIC 22 18:47:07.4-0.0, 62.21N, 145.68W, h22km, ML3.8(AEIC), After AEIC.

NEIC Felt [I] at Glennallen. IDC 22 18:47:09.9-2.4, 62.38N, 145.72W, h23km, 17km, mb3.6/5, mb1.3/9, mb1mx3.5/48, mbtmp3.8/8, ML3.3/4, MS3.2/6, Ms1.3/2.6, ms1mx2.7/40, Error ellipse: s-maj=1.4, 1km s-min=1.3, 6km az=29.0

ISC 22 18:47:06.5-1.0, 62.22N, 0.02-145.71W, 0.02, h13km, 7km, n96, c136/111, mb3.6/5, MS3.0/3, Central Alaska

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including TAPS Pump St11, HAARP, WACK Wrangell Chich, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes NVAR Mina Array Bea, ULM Lac du Bonnet, FRB Frodo Bay, etc.

ISC 22 18:54:23.6, 37.33N, 37.15E, h12km, ML2/2, ISCJB 22 18:54:24.4, 0.6, 37.30N, 0.04-37.12E, 0.04, h11km, 5km, Error ellipse: s-maj=6.9km s-min=4.1km az=27.8

DDA 22 18:54:24.6, 37.43N, 37.17E, h7km, ML2.6, ISC 22 18:54:24.1-0.9, 37.33N, 0.04-37.15E, 0.03, h12km, 7km, n113, c652/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes GAZ Gaziantep, KMRS Kahramanmaraş, KUZU Kuzuni, etc.

IDC 22 19:09:48.5-0.5, 10.38N, 126.85E, h0km, mb4.3/22, mb1.4/22, mb1mx4.3/37, mbtmp4.3/22, ML3.8/1, MS3.2/10, Ms1.3/2.10, ms1mx2.9/40, Error ellipse: s-maj=2.4, 9km s-min=10.9km az=82.0

MAN 22 19:09:51.5, 10.48N, 126.87E, h18km, mb5.1, ML4.1, ISCJB 22 19:09:52.0-0.8, 10.39N, 126.95E, 0.04, h37km, 7km, mb4.6/51, MS3.2/9, Error ellipse: s-maj=7.2km s-min=4.1km az=164.1

NEIC 22 19:09:53.6-0.2, 10.36N, 126.92E, h35km, mb4.8/32, Error ellipse: s-maj=7.1km s-min=3.5km az=82.0

ISC 22 19:09:52.2-1.7, 10.43N, 126.91E, 0.06, h23km, 12km, n122, c1915/134, mb4.6/51, MS3.1/9, 3D, Philippine Islands region

Main station list table for the Philippines region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like BESP Borongan, BUTP Butuan, PALO Palo, etc.

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

IDC 22 19:14:40.4-1.3, 3.4973S, 127.66E, h0km, mb3.6/4, mb1.3/9.4, mb1mx3.6/28, mbtmp3.6/4, MS3.1/1, Ms1.3/2.1, ms1mx2.8/18, Error ellipse: s-maj=74.2km s-min=24.5km az=85.0, Western Indian-Antarctic Ridge

Main station list table for the Antarctic region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like H1W1 Cape Leeuwin, H1W2 Cape Leeuwin, H1W3 Cape Leeuwin, etc.

22d 20h

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

BUI 22:20:25:33.0, 7.09S, 128.13E, h301km, mb4.3/28, mB4.4/19
ISCJB 22:20:25:35.0, 0.3, 6.97S, 0.02, 127.87E, 0.03, h304km, 3km,
mb4.4/60, Error ellipse: s-maj=4.7km s-min=3.6km
az=161.6

IDC 22:20:25:36.2, 1.2, 6.92S, 127.81E, h295km, 13km, mb3.9/20,
mb1.4/0.25, mb1mx3.9/45, mbtmp4.7/25, Error ellipse:
s-maj=11.0km s-min=7.5km az=70.0

NEIC 22:20:25:36.3, 0.4, 6.95S, 127.85E, h297km, 4km, mb4.7/40,
Error ellipse: s-maj=5.2km s-min=3.7km az=65.0
DJA 22:20:25:36.5, 0.2, 7.2S, 127.8E, h272km, 5km, M4.6/27,
mb4.9/27, mB5.0/20, MLV5.1/14, Mw(2km)4.3/20

ISC 22:20:25:35.0, 0.6, 6.97S, 0.04, 127.85E, 0.04, h291km, 6km,
n152, e146/183, mb4.4/60, Banda Sea

Main table of station data for the 22d 20h period, including stations like AAI Ambon, SAUI Saumlaki, SOEI Soe, etc.

2012 SEP

Main table of station data for the 2012 SEP period, including stations like PWS Pohnei, JATS Kunigami, CAN Canberra, etc.

1250

Table of station data for the 1250 period, including stations like ADK Adak, ATKA Atka Island, BVAR Borovoye, etc.

IDC 22:20:37:39.9, 0.9, 56.64S, 24.64W, h0km, mb3.9/5,
mb1.4/1.6, mb1mx3.9/23, mbtmp4.0/6, ML3.7/1, MS3.7/2,
M3.1 3/2, ms13k/0.16, Error ellipse: s-maj=39.0km
s-min=15.6km az=68.0

ISCJB 22:20:37:43.0, 0.0, 56.73S, 0.08, 24.7W, 0.2, h35km, mb4.3/9,
MS3.6/2, Error ellipse: s-maj=16.4km s-min=8.3km
az=144.3

NEIC 22:20:37:45.9, 2.5, 56.77S, 24.67W, h46km, 23km, mb4.6/7,
Error ellipse: s-maj=22.4km s-min=11.0km az=51.0
ISC 22:20:37:44.9, 0.0, 56.73S, 0.1, 24.6W, 0.1, h35km, n28,
e180/29, mb4.6/9, South Sandwich Islands region

Main table of station data for the 1250 period, including stations like HOPE Hope Point, VNA1 Neumayer-Stat, etc.

MEX 22:20:39:31.3, 0.7, 16.53N, 100.62W, h10km, MD3.9, Near
coast of Guerrero

Table of station data for the MEX 22:20:39:31.3 period, including stations like CAIG El Cayaco, MEIG Mezcala, etc.

IDC 22:20:42:42.3, 0.5, 25.50N, 96.64E, h0km, mb4.0/23,
mb1.4/1.24, mb1mx4.1/41, mbtmp4.0/24, ML4.4/1, MS3.9/24,
M3.1 3/24, ms1mx3.8/33, Error ellipse: s-maj=17.7km
s-min=11.5km az=58.0

ISCJB 22:20:42:44.7, 0.2, 25.48N, 0.02, 96.67E, 0.02, h25km,
mb4.5/81, MS3.9/26, Error ellipse: s-maj=3.5km
s-min=2.6km az=19.8

BUI 22:20:42:46.4, 25.70N, 96.75E, h26km, mb4.4/35, mb4.6/28,
ML4.6/3, Ms4.6/47, Ms7.4/340

MOS 22:20:42:46.2, 1.3, 25.48N, 96.76E, h41km, mb4.6/37, Error
ellipse: s-maj=9.7km s-min=5.6km az=122.3

GCMT 22:20:42:47.2, 0.3, 25.49N, 0.02, 96.89E, 0.02, h15km,
MW4.7/65, Moment Tensor Solution, s8, c9, s65, c84,
Duration: 0, Moment tensor: Scale 1015Nm, M0: 0.161, 06;
M1: 0.205, 05; M2: 0.045, 05; M3: 0.398, 18; M4: 0.445, 05;
M5: 0.712, 19; Best double couple: M1, 444000, 1016
NP1: 3012, 022, 000000, 678, 000000, A: 30, 000000. NP2:
0.218, 000000, 861, 000000, A: 166, 000000. Principal axes:
T 1.3350, Plg111.0000, Azm173.0000, N 0.2210,
Plg58.0000, Azm282.0000, P -1.5530, Plg29.0000,
AzM76.0000, nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rater function

NEIC 22:20:42:48.2, 0.6, 25.46N, 96.68E, h43km, 7km, mb4.6/39
1.7nm, 0.7s, baz=143, slow=5.3, SNR=13
mB4.6/39, Error ellipse: s-maj=3.9km s-min=2.16km
az=216.0

ISC 22:20:42:46.4, 0.3, 25.48N, 0.04, 96.68E, 0.03, h25km,
n206,
e157/214, mb4.5/81, MS3.9/26, 7C-AD, Myanmar

Main table of station data for the 1250 period, including stations like MOKO MOKOCHONG, MOKO MOKO, etc.

MOKO	comp=E,4um,1.1s	IAML	20 44 02.2						
KOHI KOHIMA	2.34 277 eP	Pb	20 43 26.1 -1.8						
KOHI JORHAT	2.52 301 eS	Sn	20 43 50.3 -1.1						
JORH	eS	Pn	20 43 27.2 +1.4						
JORH	eS	Sn	20 43 58.0 +2.2						
JORH	comp=N,2um,0.5s	IAML	20 44 09.1						
ZIRO	comp=E,3um,0.6s	IAML	20 44 15.7						
ZIRO	2.32 309 eP	Pn	20 43 36.2 +0.1						
ZIRO	eS	Sn	20 44 12.4 -1.8						
ZIRO	comp=E,5um,0.5s	IAML	20 44 22.7						
ZIRO	comp=N,48um,1.2s	IAML	20 44 22.9						
SHL Shilong	4.34 272 ePn	Pn	20 43 51.1 +0.2						
SHL	eSn	Sn	20 44 42.2 +1.4						
SHL Shilong	4.34 272 eP	Pn	20 43 51.5 +0.6						
SHL	eS	Sn	20 44 40.1 -0.8						
SHL	comp=N,570nm,0.9s	IAML	20 45 07.6						
SHL Shilong	4.34 272 eP	Pn	20 43 51.1 +0.2						
SHL	e	Sn	20 44 42.2						
SAIH SAIHA	4.50 229 eP	Pn	20 43 54.3 +1.2						
SAIH	eS	Sn	20 44 40.3 -3.9						
GUWA GUWAHATI	4.55 280 eP	Pn	20 43 53.8 +0.1						
GUWA	eS	Sn	20 44 44.7 -1.2						
GUWA	comp=N,568nm,0.8s	IAML	20 44 50.1						
BELO BELONIA	5.26 246 eP	Pn	20 44 03.8 +0.3						
KMI Kunming	5.49 92 Pn	Pn	20 44 08.8 +1.9						
KMI	Sn	Sb	20 45 20.3 -7.0						
KMI	comp=N,8um,6.5s	LR	LR						
KMI	comp=N,3um,8.0s	LR	LR						
LSA Lhasa	6.47 312 Pn	Pn	20 44 22.6 +2.2						
LSA	Sn	Sn	20 45 32.8 -0.9						
LSA Lhasa	6.47 312 ePn	Pn	20 44 21.8 +1.4						
LSA	eSn	Sn	20 45 30.5 -3.2						
LSA Lhasa	6.47 312 eP	Pn	20 44 21.8 +1.4						
LSA	e	Sn	20 45 30.5						
PAYA Payao	6.76 154 P	Pn	20 44 31.9 +7.8						
CHTO Chiang Mai	6.95 162 ePn	Pn	20 44 27.2 +0.5						
CHTO	Pn	Pn	20 44 27.3 +0.5						
CHTO Chiang Mai	6.95 162 P	Pn	20 44 27.8 +1.0						
CMMT Chiang Mai Arr	7.29 163 ePn	Pn	20 44 32.2 +0.8						
CM31	Pn	Pn	20 45 00.1						
CM31 Chiang Mai Arr	7.29 163 Pn	Pn	20 44 32.1 +0.8						
CMAR	comp=N,1.0nm,0.3s,baz=338,slow=18,SNR=8.7	Pg	20 45 00.1 +7.8						
CMAR	comp=N,1.0nm,0.3s,baz=338,slow=18,SNR=8.7	Lg	20 46 35.0						
CMAR	baz=351,slow=31,SNR=3.1	LR	LR						
CMAR	comp=N,1um,18.4s,baz=320,slow=42	Pn	20 44 32.6 +0.6						
CM01 Chiang Mai Arr	7.33 163 P	Pn	20 44 40.3 +6.9						
LAMP Lampang	7.44 158 P	Pn	20 44 34.2 +0.1						
GTK	eS	Pn	20 45 44.3 -3.8						
GTK	eS	Pn	20 44 46.5 +1.0						
PHRA Phrae	7.68 154 P	Pn	20 44 43.5 -1.2						
CD2 Chengdu	8.26 47 P	Sn	20 46 16.3 -1.0						
CD2	pmx	pmx							
CD2	comp=N,10.0nm,0.5s	pmx	pmx						
CD2	comp=N,140nm,4.2s	LR	LR						
CD2	comp=N,8um,10.5s	LR	LR						
CD2	comp=N,5um,10.1s	LR	LR						
CD2	comp=N,1um,7.1s	LR	LR						
SUKH Sukhotai	8.41 160 P	Pn	20 44 49.4 +2.6						
UTTA Uttaradi	8.49 154 P	Pn	20 44 52.7 +4.8						
GYA Guiyang	9.04 82 P	Pn	20 44 56.5 +1.1						
GYA	Pn	Pn	20 45 06.8 +3.8						
GYA	pp	Pn	20 45 11.3						
GYA	eS	Sn	20 46 40.6 +4.2						
GYA	SS	SnSn	20 46 53.4 +5.4						
GYA	pmx	pmx							
GYA	comp=N,10.0nm,0.7s	pmx	pmx						
GYA	comp=N,110nm,4.3s	LR	LR						
GYA	comp=N,1um,8.6s	LR	LR						
GYA	comp=N,590nm,10.7s	LR	LR						
PBKT Sadao Pong	9.72 155 ePn	Pn	20 45 06.8 +2.1						
PBKT	Pn	Pn	20 45 13.1 +8.4						
BOK Bokoro	9.96 263 eP	Pn	20 45 08.1 0.0						
UTHA Uthaitani	10.20 165 P	Pn	20 45 14.9 +3.6						
CHAI Chaiyaphum	10.74 151 P	Pn	20 45 25.5 +7.3						
NAYO Nakonayok	11.93 158 P	Pn	20 45 44.6 +1.0						
LZH Lanzhou	12.23 28 eP	Pn	20 45 37.3 -1.9						
LZH	pp	Pn	20 45 44.3 -7.1						
LZH	pp	Pn	20 45 47.3 +0.2						
LZH	eS	Pn	20 45 48.3						
LZH	eS	Sn	20 47 51.4 -3.4						
LZH	pmx	pmx	20 48 00.1						
LZH	comp=N,20nm,1.0s	pmx	pmx						
LZH	comp=N,150nm,4.0s	LR	LR						
LZH	comp=N,3um,8.9s	LR	LR						
LZH	comp=N,2um,10.3s	LR	LR						
LZH	comp=N,2um,10.6s	LR	LR						
ENH Enshi	12.29 64 ePn	Pn	20 45 39.2 -0.7						
XAN Xi'an	13.62 48 P	Pn	20 45 57.8 -0.3						
XAN	pp	Pn	20 46 05.0 -1.7						
XAN	pmx	pmx							
XAN	comp=N,7.0nm,1.0s	LR	LR						
XAN	comp=N,3um,14.9s	LR	LR						
XAN	comp=N,1um,14.9s	LR	LR						
XAN	comp=N,1um,14.9s	LR	LR						
QIZ Qiongzong	13.76 115 P	Pn	20 46 01.6 +1.6						
QIZ	S	Sn	20 48 34.1 +1.9						
QIZ	LR	LR							
QIZ	comp=N,1um,11.8s	LR	LR						
QIZ	comp=N,960nm,10.8s	LR	LR						
QIZ	comp=N,550nm,10.3s	LR	LR						
GTA Gaotai	14.14 10 eP	Pn	20 46 05.8 +0.6						
GTA	pp	Pn	20 46 13.0 +0.4						
GTA	S	Sn	20 48 41.6 +0.2						
GTA	sS	Sn	20 48 53.3 -8.7						
GTA	SS	SnSn	20 48 57.4 +3.1						
GTA	pmx	pmx							
GTA	comp=N,66nm,5.8s	LR	LR						
GTA	comp=N,2um,10.3s	LR	LR						
GTA	comp=N,2um,14.1s	LR	LR						
GTA	comp=N,2um,11.7s	LR	LR						
PBA Port Blair	14.24 196 ePn	Pn	20 46 05.9 -0.7						
WHN Wuhan	16.39 68 i/P	Pn	20 46 34.5 +0.3						
WHN	S	Sn	20 49 40.1 +4.0						
WHN	LR	LR							
WHN	comp=N,3um,17.8s	LR	LR						
WHN	comp=N,2um,7.1s	LR	LR						
WHN	comp=N,2um,14.5s	LR	LR						
HYB Hyderabad	18.67 248 i/P	Pn	20 47 04.0 +0.8						
HHC Hu-ho-hao-te	19.71 35 eP	S	20 47 17.3 +1.7						
HHC	S	S	20 50 52.8 -2.3						
HHC	pmx	pmx							
HHC	comp=N,10.0nm,0.9s	pmx	pmx						
HHC	comp=N,41nm,8.1s	LR	LR						
HHC	comp=N,1um,12.9s	LR	LR						

HHC	comp=N,2um,14.5s	LR	LR						
HHC	LR	LR	LR						
WMQ Urumqi	19.72 340 P	P	20 47 14.0 -0.1						
WMQ	pP	S	20 47 26.8 +2.6						
WMQ	S	S	20 50 55.3 +0.2						
WMQ	pmx	pmx							
WMQ	comp=N,48nm,1.1s	pmx	pmx						
WMQ	comp=N,340nm,4.9s	LR	LR						
WMQ	comp=N,2um,13.7s	LR	LR						
WMQ	comp=N,1um,14.1s	LR	LR						
WMQ	comp=N,2um,16.1s	LR	LR						
QZH Quanzhou	19.83 87 i/P	Pn	20 47 24.3 +7.2						
QZH	S	Sn	20 51 00.6 +1.3						
QZH	S	Sn							
QZH	comp=N,1um,13.7s	LR	LR						
QZH	comp=E,280nm,8.5s	LR	LR						
QZH	comp=Z,560nm,10.0s	LR	LR						
LHMI Lhok Sumawe	20.13 179 eP	P	20 47 17.2 -1.5						
LHMI	eP	P							
NJ2 Nanjing	20.49 66 eP	Pn	20 47 25.4 +0.6						
NJ2	S	S	20 51 09.8 -0.9						
NJ2	sS	sS	20 51 20.6 -1.1						
NJ2	pmx	pmx							
NJ2	comp=Z,18nm,0.6s	pmx	pmx						
NJ2	comp=Z,180nm,3.5s	LR	LR						
NJ2	comp=Z,1um,13.0s	LR	LR						
NJ2	comp=Z,700nm,9.8s	LR	LR						
NJ2	comp=Z,850nm,15.7s	LR	LR						
TIA Tai'an	20.52 54 P	P	20 47 22.8 0.0						
TIA	pmx	pmx							
TIA	comp=Z,20nm,1.0s	LR	LR						
TIA	comp=Z,320nm,18.0s	LR	LR						
TIA	comp=Z,530nm,11.4s	LR	LR						
TIA	comp=Z,570nm,21.1s	LR	LR						
BJT Baijiatuu	21.82 44 eP	P	20 47 35.0 -1.7						
BJT	pmx	pmx							
BJT	comp=Z,21nm,1.4s	pmx	pmx						
TPUB Ta-pu	21.91 91 eP	P	20 47 40.7 +2.7						
TPUB	comp=Z,10.0nm,1.1s	pmx	pmx						
NIL Nilore	21.92 297 eP	P	20 47 38.3 +0.4						
NIL	pmx	pmx							
NIL	comp=Z,35nm,0.8s	pmx	pmx						
NIL	comp=Z,21nm,1.4s	pmx	pmx						
SSLS Suanglung	22.12 89 eP	P	20 47 41.9 +1.7						
SSLS	pmx	pmx							
KSH Kashi	22.32 314 P	P	20 47 43.0 +0.7						
KSH	pp	pp	20 47 56.6 +4.2						
KSH	pp	Pn	20 48 13.6 +8.3						
KSH	S	S	20 51 38.9 -7.5						
KSH	sS	sS	20 51 53.1 -1.9						
KSH	SnSn	SnSn	20 52 19.8 +5.1						
KSH	pmx	pmx							
KSH	comp=Z,13nm,0.7s	pmx	pmx						
KSH	comp=Z,160nm,4.6s	LR	LR						
KSH	comp=Z,260nm								

Table with columns: LIT, Litokhoron, 62.40 304, eP, P, 20 53 11.4 +4.1, etc. Includes stations like KMBO Kilima Mbogo, KMBO, DIVS Divivare, etc.

DJA 22:09:48.3d.0.10°S,8°16'10.4"E, h19km,9km, M3.8/16, ML2.3/8.16, South of Bali

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like JAGI Jajag, IGBI Denpasar, etc.

ISCJB 22:09:59.3d.0.6, 1.79N, 0.07:89.62E, 0.05, h10km, mb4.0/13, MS3.4/4, Error ellipse: s-maj=10.8km

NEIC 22:10:01.4d.0.4, 1.84N, 89.57E, h10km, mb4.5/4, Error ellipse: s-maj=7.7km, s-min=6.5km, az=205.0

DJA 22:11:01.17.1, 1.6, 21.17°E, 4.0, h12km, 54km, M4.7/6, mB5.4/2, mb4.8/6, MLV4.7/5, Mw(M)w4.8/2

ISC 22:11:01.01.4.0.8, 1.8N, 0.01:89.71E, 0.07, h10km, n37, s19129, mb4.0/13, MS3.4/4, North Indian Ocean

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like SNSI Sinabang, ACAN Cantaluta, etc.

FITZ Fitzroy Crossi 40.55 121 P P 21 17 42.3 +1.0

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin, etc.

Table with columns: WRA, Warramunga Arr, 48.83 119 P P 21 18 48.1 +0.7, etc. Includes stations like WRAB Tennant Creek, etc.

TRN 22:10:21.7, 13.83N, 60.46W, h31km, MD3.6, Windward Islands

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like SLPA Patience, etc.

NDI 22:21:26.24.9.2.5, 26.33N, 93.14E, h28km, 17km, ML3.3, Northeastern India

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like ZIRO ZIRO, etc.

ISC 22:21:42:46.5d.0.7, 10.25N, 126.91E, h0km, mb3.9/14, mb1.4/0.14, mb1mx3.8/39, mbtmp3.9/14, Error ellipse: s-maj=34.2km, s-min=14.1km, az=77.0

ISCJB 22:21:42:47.5d.0.6, 10.27N, 0.07:127.09E, 0.09, h20km, mb3.8/15, Error ellipse: s-maj=13.3km, s-min=8.9km, az=161.0

NEIC 22:21:42:51.7d.0.4, 10.22N, 126.88E, h35km, mb4.3/2, Error ellipse: s-maj=20.4km, s-min=7.6km, az=79.0

MAN 22:21:42:53.6, 10.39N, 126.60E, h10km, mb4.1, ML2.9, MS2.7

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like BUTP Butuan, etc.

Table with columns: ILAR Eielson Array, 79.17 26 P P 21 54 52.1 -0.8, etc. Includes stations like ARCES ARCES Array B, etc.

MAN 22:21:44:50.7, 13.81N, 120.47E, h88km, mb3.8, ML2.5, MS2.1, 1D, Mindoro

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like PGP Puerto Galera, etc.

MAN 22:21:47:33.7, 10.81N, 126.91E, h15km, mb4.5, ML3.4, MS3.3

ISC 22:21:47:35.6d.0.6, 10.38N, 126.92E, h0km, mb4.1/16, mb1.4/2.16, mb1mx4.0/36, mbtmp4.1/16, MS3.1/8, Ms1.3/1.8, ms1mx2.8/35, Error ellipse: s-maj=33.6km

ISCJB 22:21:47:36.0d.0.5, 10.39N, 0.05:126.99E, 0.06, h20km, mb4.0/18, MS3.0/7, Error ellipse: s-maj=9.0km, s-min=5.8km, az=25.1

NEIC 22:21:47:41.2d.2.0, 10.38N, 126.98E, h41km, 18km, mb4.3/3, Error ellipse: s-maj=15.5km, s-min=7.2km, az=81.0

ISC 22:21:47:38.9d.0.6, 10.44N, 0.06:126.80E, 0.08, h20km, n35, s1938/33, mb4.1/18, MS3.0/7, 1C, Philippine Islands region

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like BESP Borongan, etc.

CMAR Chiang Mai Arr 28.10 228 P P 21 53 29.7 +0.1

FITZ Fitzroy Crossi 28.38 182 P P 21 53 31.9 -0.4

PSI Prapra 28.69 257 LR P 22 06 40.4

WRAB Tennant Creek 31.09 166 P P 21 53 54.0 -2.0

WRA Warramunga Arr 31.09 166 P P 21 53 54.0 -2.0

USRK Ussuriysk Arr. 33.93 7 P P 21 54 21.1 +0.4

ASAR Ashe Springs 34.60 168 P P 21 54 25.3 -1.5

PETK Petropavlovsk- 49.27 24 LR P 22 16 16.8

MKAR Makanchi Array 52.1 322 P P 21 56 50.2 +1.7

ZALV Zalesovo Beam 54.73 331 P P 21 57 07.2 +0.4

KURK Kurchatov 56.22 325 eP P 21 57 18.1 +0.5

BRVK Borovoye 61.90 325 eP P 21 57 57.5 +0.6

ARCES ARCES Array B 84.22 344 P P 22 00 08.6 +0.2

BRTR Keskin Array B 85.83 309 P P 22 00 17.8 -0.0

FINES FINESS Array B 85.95 332 P P 22 00 17.9 +0.2

AKAS Malin Array Be 86.76 321 P P 22 00 22.2 +0.5

NOR NORSAR Array B 92.83 334 P P 22 00 49.3 -0.8

TORD Torodi Arr. Be 120.84 292 PKP PKPdf 22 06 30.2 -0.3

PLCA Paso Flores 146.15 156 PKPb PKPab 22 07 18.4 -0.4

SJA 22:21:52:00.2d.0.8, 31.87S, 67.99W, h11km, 5km, ML2.5, MW3.5, San Juan Province

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like RTCV Cerro Valdivia, etc.

ISC 22:21:57:14.9d.0.8, 10.28N, 127.05E, h0km, mb3.9/12, mb1.4/0.12, mb1mx3.8/35, mbtmp3.9/12, MS2=38.5, Ms1.2/6.2, ms1mx2.4/30, Error ellipse: s-maj=6.5km, s-min=15.4km, az=77.0

ISCJB 22:21:57:16.0d.0.6, 10.26N, 0.08:127.0E, 0.2, h20km, mb3.9/15, MS2.4/1, Error ellipse: s-maj=25.6km, s-min=10.2km, az=169.7

NEIC 22:21:57:20.1d.0.4, 10.27N, 127.06E, h35km, mb4.2/4, Error ellipse: s-maj=19.3km, s-min=7.4km, az=78.0

ISC 22:21:57:18.1d.0.8, 10.30N, 0.1:127.1E, 0.2, h20km, n20, s0662/21, mb3.9/15, Philippine Islands region

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, Time, Res, ISC. Includes stations like DAV Davao City, etc.

1253

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

NNC 22:22:09.15.2.2.36.80N:70.43E, h0km, mb4.0, mpv3.6, 4C-2D, Error ellipse: s-maj=18.0km s-min=16.5km az=136.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SFK Sufi-Kurgan, MNAS Manas, etc.

SOME 22:22:15:05.9, 1.41:95N:72.27E, h5km

KNET 22:22:15:06.9, 1.42:26N:72.16E, h0km, ml2.2, Error ellipse: s-maj=17.7km s-min=5.9km az=154.0

KRNET 22:22:15:06.0, 1.41:93N:72.31E, h12km, mb2.6

NNC 22:22:15:06.1, 1.41:96N:72.22E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=6.5km s-min=5.2km az=126.0

ISC 22:22:15:05.9, 1.41:94N:0.02:72.20E, h2km, ml1.1km, n35, r150/62, 39C-16D, Kyrgyzstan

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

2012 SEP

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

NNC 22:20:19.4.2.0, 38.93N:75.24E, h0km, mb3.6, mpv3.2, 7C-5D, Error ellipse: s-maj=15.2km s-min=13.1km az=168.0, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SFK Sufi-Kurgan, AAK Ala-Archa, etc.

MOS 22:22:28:57.8, 1.8, 44:18N:42:51E, h9km, mb4.1/1, Error ellipse: s-maj=10.2km s-min=4.9km az=124.9

MOS 22:22:28:58.7, 0.0, 44:13N:42:59E, h9km, MPV4.2

NORS 22:22:59.0, 0.0, 44:12N:42:59E, h10km

ISC 22:22:57.6, 1.1, 44:18N:0.03:42.54E, h0.02, h7km, 8km, n60, r111/109, 4C-3D, Western Caucasus

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KIV Kislovodsk, BEYR Belyy Ugol+, etc.

22d 22h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ONI Oni, GUZR Guzerip', etc.

IDC 22:22:31:57.9, 1.0, 35:82N:143:32E, h0km, mb3.6/8, mb1 3.9/9, mb1mx3.7/39, mbtmp3.7/9, MLJ 3.8/1, MS2.6/2, Ms1 2.6/2, ms1mx2.2/41, Error ellipse: s-maj=2.9, s-min=2.1km s-min=2.1km az=142.0

ISCJB 22:22:32:00.6, 0.6, 36:09N:0:05:142:92E, 0:05, h33km, mb3.6/9, Error ellipse: s-maj=6.8km s-min=5.6km az=153.2

JMA 22:22:32:02.1, 0.4, 36:10N:142:73E, h88km, M3.3

NEIC 22:22:32:03.0, 1.0, 36:08N:142:94E, h35km, mb4.2/1, Error ellipse: s-maj=19.4km s-min=14.8km az=152.0

ISC 22:22:32:02.3, 0.9, 36:10N:0:05:142:93E, 0:07, h35km, n34, r250/37, mb3.5/9, Off east coast of Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, h m s, ISC. Includes stations like Baumata, Fitzroy Crossi, CMAR, WRA, ASAR, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, SONM, STKA, UFAR, ZALV, ARCES, FINES, VYDA, YK11.

NNC 22 22:56:47.4 0.4, 43.06N, 71.30E, h0km, mb2.6, mpv2.3, Error ellipse: s-maj=4.0km s-min=1.7km az=18.0

Main table of station data for the 22d 23h period, including stations like Taraz, DZA, KK06, KK05, KK02, KK01, MNAS, BRLL, IUG, ARK, MRKS, EKS2, AML, ARSB, USP, AAK, HNR, H11S2, H11S1, STKA, WRA, GUMO, H11N1, H11N3, H11N2.

SOME 22 23:01:22.6 1.1, 41.32N, 72.32E, h0km, KRNET 22 23:01:22.0 0.1, 41.27N, 72.33E, h14km, mb2.4

Error ellipse: s-maj=24.0km s-min=6.5km az=75.0, ISC 22 23:01:22.4 1.0, 41.29N, 0.03:72.34E, 0.02, h15km, n36, c151/51, 30C-BD, Krygystan

Table of station data for the 22 23:01:22.4 period, including stations like Arslanbob, ARSB, ARK, ARK, MNAS, MNAS, MNAS, AML, AML, AML, SFK, SFK, SFK, ARLS, ARLS, MRKS, BTK, BTK, EKS2, EKS2, EKS2, UCH, UCH, IUG, IUG, AAK, AAK, AAK, AAK, KK31, KK31, KZA, KZA, KBK, KBK, USP, USP, BRLL, BRLL, NRN, NRN, TKM2, TKM2, KST, KST, KUU, KUU.

IDC 22 23:01:36.9 1.5, 10.73S, 162.92E, h0km, mb4.0/9, mb1.4, 2/10, mb1mx4.0/46, mbtmp4.1/10, MLS.2/1, MS3.4/9, Ms1 3.4/9, ms1mx3.39, Error ellipse: s-maj=44.4km s-min=24.7km az=139.0

ISCJB 22 23:01:39.8 0.6, 10.42S, 0.08:162.82E, 0.08, h21km, mb4.0/17, MS3.4/8, Error ellipse: s-maj=12.8km s-min=9.7km az=32.9

NEIC 22 23:01:44.8 1.9, 10.41S, 162.73E, h44km, mb4.2/5, Error ellipse: s-maj=17.2km s-min=14.0km az=74.0, ISC 22 23:01:41.7 0.7, 10.41S, 0.09:162.85E, 0.10, h21km, n36, c125/24, mb4.2/17, MS3.5/8, Bougainville-Solomon Islands region

Table of station data for the 22 23:01:41.7 period, including stations like HNR, HNR, HNR, HNR, HNR, DZM, DZM, CTA, CTA, AFI, H11S2, H11S3, H11S1, STKA, WRA, GUMO, H11N1, H11N3, H11N2.

Table of station data for the 22 23:05:05.3 period, including stations like Alice Springs, RPZ, MBWA, LQP, MJAR, JNU, KSRK, USRK, ENH, KLR, CASY, XAN, XAN, CHTO, SONM, SONM, GTA, GTA, PALK, ILAR, NVAR, MKAR, ZALV, ZALV, KEST, KEST.

ISCJB 22 23:05:05.3 0.5, 10.94S, 0.04:113.83E, 0.04, h10km, mb4.0/12, Error ellipse: s-maj=6.1km s-min=5.3km az=135.2

IDC 22 23:05:05.8 0.8, 10.82S, 113.84E, h0km, mb4.1/10, mb1.4, 2/14, mb1mx4.0/48, mbtmp4.1/14, ML4.0/4, MS2.9/1, Ms1 2.9/1, ms1mx2.5/33, Error ellipse: s-maj=33.6km s-min=11.7km az=45.0

NEIC 22 23:05:06.9 0.5, 10.96S, 113.77E, h10km, mb4.0/2, Error ellipse: s-maj=20.6km s-min=7.8km az=221.0, DJA 22 23:05:09.3 0.5, 11.34S, 117.4E, h10km, M4.6/16, mb1.7, mb4.7/3, MLv4.5/16, MW(m)5.2/2

ISC 22 23:05:07.4 0.1, 10.87S, 0.07:113.83E, 0.06, h10km, n35, c087/36, mb4.1/12, South of Java

Main table of station data for the 22 23:05:05.3 period, including stations like JAGI, JAGI, IGBI, IGBI, DNP, DNP, GMJ, GMJ, SRBI, SRBI, PWJI, PWJI, TWSI, TWSI, KMMI, KMMI, UGM, UGM, PLAI, PLAI, KPJI, KPJI, LEM, LEM, LEM, LEM, BKSI, BKSI, BATI, BATI, BATI, BATI, MTKI, MTKI, MBWA, MBWA, FITZ, FITZ, FITZ, FITZ, RGRI, RGRI, SJI, SJI, WRA, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, CTAO, CTAO, CMAR, CMAR, STKA, STKA, H0S2, H0S2, H0S3, H0S3, H0S1, H0S1, SONM, SONM, MKAR, MKAR, ZALV, ZALV, VYDA, VYDA, BRTR, BRTR, FINES, FINES.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, YKA Yellowknife Arr, WSAR Wadi Sarin, ARCES ARCES Array B, NVAR Mina Array Bea, LPAZ La Paz.

IDC 22:23:08:25.3.2.2, 16:33S-176.87W, h373km, 32km, mb3.3/4, mb1 3.7/5, mb1mx3.2/40, mbtmp4.1/5, Error ellipse: s-maj=140.7km s-min=17.6km az=150.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, ILAR Eielson Array, ARCES ARCES Array B, BRTR Keskin Array B.

NEIC 22:23:10:54.3.0.0, 16:42N-95:77W, h54km, MD4.0(MEX), After MEX, MEX 22:23:10:54.3.0.8, 16:48N-95:71W, h24km, 13km, MD4.0, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HUIG Huatulco, CMIG Matias Romero, VHO Vista Hermosa, PCIG, TLIG Tlapa.

ISK 22:23:11:37.9, 40:30N-37:95E, h6km, 1km, ML 1.9/5, DDA 22:23:11:39.2, 40:29N-37:96E, h7km, ML2.7, ISC 22:23:11:38.9, 1.2, 40:29N-37:97E, 0.03, h8km, 1.1km, n15, 0:06/25, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CUZAR Zara SIVAS, ORDU Ordu-Boztepe, SCER sogukcermik, SVSK Karacayir, ESIYE Espiye-Giresun, KELT Kelkit, ERBA Erbaa, KUKAN kangal_SIVAS, REFA Refahiye_ERZ, KEMA Kemaliye, CUALT Altinyayla-SIV, CUSAR Sarkisla-SIVAS, BAYT Ayd-ntepe-Bay, PTK Pekt, YOZ Yozgat.

ISK 22:23:58:47.4, 38:67N-43:15E, h10km, ML1.9/4, ISCJB 22:23:58:48.4, 0.5, 38:68N-43:16E, 0.04, h12km, 5km, Error ellipse: s-maj=5.3km s-min=4.3km az=41.7, DDA 22:23:58:48.4, 38:67N-43:18E, h7km, ML2.7, ISC 22:23:58:48.4, 0.9, 38:68N-43:16E, 0.04, h15km, 9km, n13, 0:06/25, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VANB Van, TVAN Van, ADCV BITLIS_Adilcev, ERCV ERCS-VAN, GEVA Gevas, VMUR Van-Muradiye, CLDR Caldiran, TUTA Tutak, GURO Guroymak-BITLI, AGRB Hanur-Agry, SIIRT Siirt, SAVN Silvan-Diyarba.

IDC 23:00:02:11.8.8.5, 13:13S-167.05E, h250km, 92km, mb3.2/3, mb1 3.4/4, mb1mx3.1/33, mbtmp3.8/4, Error ellipse: s-maj=76.5km s-min=28.7km az=160.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, ARCES ARCES Array B, XV16 Nyswonger Mesa, XPFO Pionon Flat.

ISK 23:00:23:39.4, 37:30N-37:07E, h15km, ML1.9/3, ISCJB 23:00:23:40.2, 0.6, 37:30N-37:07E, 1.0E, 0.04, h12km, 4km,

Error ellipse: s-maj=7.0km s-min=4.4km az=33.5, DDA 23:00:23:40.2, 37:32N-37:16E, h7km, ML2.8, ISC 23:00:23:40.1, 0.9, 37:32N-37:12E, 0.03, h12km, 7km, n13, 0:07/21, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GAZ Gaziantep, KMRS Kahramanmaraş, KUZU Kuzuni, KOKU Andirin, ANDM ANDM, SAIM AKcaday, SURC Tahtakopru-Hat, SAHL SANLIURFA_Surc, DARE Darende-Malaty, URFA Urfa, SANL SANLIURFA_Merk, SAHL, YAYL Yavladay, SVRC Sivrice-ELAZID.

DDA 23:00:36:40.0, 38:64N-44:34E, h12km, ML2.8, ISC 23:00:36:42.3, 38:65N-44:07E, h9km, ML2.0/4, ISC 23:00:36:41.4, 1.5, 38:64N-44:20E, 0.06, h10km, 10km, n15, 0:06/25, Turkey-Iran border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CLDR Caldiran, VMUR Van-Muradiye, TVAN Van, VANB Van, GEVA Gevas, HAKT HAKKARI, ADCV BITLIS_Adilcev, AGRB Hanur-Agry, TASB TASBURUN-IGDIR, GNI Garni, GURO Guroymak-BITLI, SIIRT Siirt, SIIRT Siirt_Merkez, SRMT.

ISCJB 23:00:40:08.4, 0.3, 8:39S-0:05:74:31W, 0:04, h147km, mb2.2/2, Error ellipse: s-maj=7.6km s-min=4.8km az=41.6, NEIC 23:00:40:08.6, 0.8, 8:27S-74:20W, h126km, 9km, mb4.3/46, Error ellipse: s-maj=11.8km s-min=6.2km az=60.0, IDC 23:00:40:08.8, 0.8, 8:61S-74:34W, h151km, 8km, mb3.6/7, mb1 3.8/12, mb1mx3.6/41, mbtmp4.1/12, Error ellipse: s-maj=23.3km s-min=13.4km az=32.0, ISC 23:00:40:09.1, 0.5, 8:47S-0:06:74:29W, 0:06, h147km, n80, 0:15/9/86, mb4.3/52, Peru-Brazil border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ATAH Aтахалпа, NNA Nana, OTAV Otavalo, LPAZ La Paz, LPAZ La Paz, SAML Samuel, MNMC Minye Minye, PB11 IPOC Station P, PB01 IPOC Station P, PB04 IPOC Station P, SIV Siva Ignacio, LVC Limon Verde, PTGA Pitinga, PTGA Pitinga, CPUP Villa Florida, CPUP Villa Florida, ROCI El Roble, BDFB Brasil, BDFB Brasil, 061Z Ochoppo, 451A Vernon, LING Linare, LOGA Godfrey, TX31 8ojitas, Ar. Si, ABTX Abilene, Hawle, TUL1 Leonard, S39A Bolivar, MNTX Corduas Mount, CPXR Cap Rock, SFIN Lafayette, 319A Douglas, JFWS Jewell Farm, T25A Tucson, SDCO Great Sand Dun, Q24A Divide, X16A Lo Mia Camp, ECSD EROS Data Cent, WUAZ Wupakti, PV01 Paradox Valley, PV02 Paradox Valley, PV13 Redium Mtn., PV18 Skain Mesa, PV16 Nyswonger Mesa, XPFO Pionon Flat.

ISCJB 23:00:58:52.4, 9:10N-125:57E, h78km, mb4.4, ML3.2, MS3.1, 2C, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BUTP Butuan, CGP Cayagan de Oro, BIFH Bislig, BUKP Musuan, UCR 23:01:07:37.6, 1.7, 10:74N-83:71W, h15km, MD3.7, 1C-1D, Costa Rica, TRT1 Tortuguero, CVTR Volcan Turrial, VTRC Volcan Turrial, HRC Heredia, GCRH Guacacama, BUS Buena Vista, PTEN Parque Tenorio, JTS JungtasAbangare, ACAL Ayguas Claras, ACAL, GCRH, CUI Cuiplapla, HORNC Hornillas, MESS Mesas, GUAB Guayabo de Bag, ESPN Las Esperanzas, PLVR Palo Verde, ACON Acopya, VCR Vista de Mar, CONN Concepcion, BOAB BOAC BROADBA, MATB Matagalpa, IDC 23:01:29:10.7, 6.1, 40:16N-141:48E, h0km, mb4.0/3, Mb1 3.9/4, mb1mx3.4/39, mbtmp3.8/4, ML2.6/1, MS2.2/1, Ms1 2.2/1, ms1mx1.9/41, Error ellipse: s-maj=118.2km s-min=32.8km az=99.0, ISCJB 23:01:29:14.0, 0.8, 39:77N-140:141:83E, 0:09, h63km, 4km, mb3.9/3, Error ellipse: s-maj=11.4km s-min=6.2km az=3.6, JMA 23:01:29:14.7, 39:76N-141:83E, h59km, 1km, M3.0, ISC 23:01:29:14.9, 1.3, 39:79N-140:141:84E, 0:08, h56km, 8km, n22, 0:19/25, mb4.0/3, Eastern Honshu, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, MIYJ Kuzumaki, JOM Ohasama, JANG Nango, JMK Ichinoseki, JAH Hinai, JRH Rokugo, JRJ Tenmabayashi, JIO Ouri, JYK Kanyama, MJAR Matsushiro Arr, MJAR, ASAJ, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PFO Pinyon Flats O, SRU San Rafael Swe, PSUT Pine Springs, DUG Dugway, Toolee, PDAR Pinedale Array, PDAR Pinedale Array, R11A Troy Canyon, C, HWUT Hirsch Ranch, SPUT South Promonto, LOHW Long Hollow, MOOW Moose Ponds, FXWY Fox Creek, IMW Indian Meadow, FLWY Flagg Ranch, RLMT Ridge Lodge, OMMB Old Mammoth Mt, NV01 Nevada Array Sit, NVAR Minn Array Bea, YHH Holmes Hill, YHB Hirsch Ranch, GCMT Greycliff, BOZ Bozeman (W), MCMT McKenzie Canyo, MFID Camas Ranch, LRM Limekiln Ridge, CRPB Russusan Far, HWY Hirsch Ranch, ORV Oroville, MSO Missoula, DBIC Dimboko, YKA Yellowknife Arr, TOAD Tord Archa, TORD Tord Archa, TORO Tord Archa, WRA Warramunga Arr, WRA Warramunga Arr, KSRS Krasnoyarsk.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NV01 Nevada Array Sit, NVAR Minn Array Bea, YHH Holmes Hill, YHB Hirsch Ranch, GCMT Greycliff, BOZ Bozeman (W), MCMT McKenzie Canyo, MFID Camas Ranch, LRM Limekiln Ridge, CRPB Russusan Far, HWY Hirsch Ranch, ORV Oroville, MSO Missoula, DBIC Dimboko, YKA Yellowknife Arr, TOAD Tord Archa, TORD Tord Archa, TORO Tord Archa, WRA Warramunga Arr, WRA Warramunga Arr, KSRS Krasnoyarsk.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NV01 Nevada Array Sit, NVAR Minn Array Bea, YHH Holmes Hill, YHB Hirsch Ranch, GCMT Greycliff, BOZ Bozeman (W), MCMT McKenzie Canyo, MFID Camas Ranch, LRM Limekiln Ridge, CRPB Russusan Far, HWY Hirsch Ranch, ORV Oroville, MSO Missoula, DBIC Dimboko, YKA Yellowknife Arr, TOAD Tord Archa, TORD Tord Archa, TORO Tord Archa, WRA Warramunga Arr, WRA Warramunga Arr, KSRS Krasnoyarsk.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NV01 Nevada Array Sit, NVAR Minn Array Bea, YHH Holmes Hill, YHB Hirsch Ranch, GCMT Greycliff, BOZ Bozeman (W), MCMT McKenzie Canyo, MFID Camas Ranch, LRM Limekiln Ridge, CRPB Russusan Far, HWY Hirsch Ranch, ORV Oroville, MSO Missoula, DBIC Dimboko, YKA Yellowknife Arr, TOAD Tord Archa, TORD Tord Archa, TORO Tord Archa, WRA Warramunga Arr, WRA Warramunga Arr, KSRS Krasnoyarsk.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NV01 Nevada Array Sit, NVAR Minn Array Bea, YHH Holmes Hill, YHB Hirsch Ranch, GCMT Greycliff, BOZ Bozeman (W), MCMT McKenzie Canyo, MFID Camas Ranch, LRM Limekiln Ridge, CRPB Russusan Far, HWY Hirsch Ranch, ORV Oroville, MSO Missoula, DBIC Dimboko, YKA Yellowknife Arr, TOAD Tord Archa, TORD Tord Archa, TORO Tord Archa, WRA Warramunga Arr, WRA Warramunga Arr, KSRS Krasnoyarsk.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NV01 Nevada Array Sit, NVAR Minn Array Bea, YHH Holmes Hill, YHB Hirsch Ranch, GCMT Greycliff, BOZ Bozeman (W), MCMT McKenzie Canyo, MFID Camas Ranch, LRM Limekiln Ridge, CRPB Russusan Far, HWY Hirsch Ranch, ORV Oroville, MSO Missoula, DBIC Dimboko, YKA Yellowknife Arr, TOAD Tord Archa, TORD Tord Archa, TORO Tord Archa, WRA Warramunga Arr, WRA Warramunga Arr, KSRS Krasnoyarsk.

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23d 1h

H1152 WAKE ISLAND Hy 30.19 127 T T 02 06 54.4
ZALV Zalesovo Beam 40.36 310 P P 01 36 46.0 -0.9
MKAR Makarovi Array 42.99 300 P P 01 37 07.8 -0.7
KURBB Kurchatov Arra 44.62 306 P P 01 37 20.9 -0.6

ISCJJB 23 01:51:35.0.0.2, 12.98N, 0.02:88.72W, 0.02, h73km, 1km,
mb4.5/133, Error ellipse: s-maj=4.8km s-min=2.3km
az=37.5

UCR 23 01:51:36.1.1.9, 13.08N, 88.69W, h62km, 12km, ML4.9,
mb4.5(NEIC)

NEIC 23 01:51:36.8.0.4, 12.93N, 88.64W, h82km, 4km, mb4.5/143,
MD4.8(SNET), Error ellipse: s-maj=5.6km s-min=3.3km
az=223.0

NEIC Felt [I] at San Salvador. Also felt at Delgado, Ilopango,
Mejicanos and Santo Tomas.

IDC 23 01:51:36.3.1.4, 13.09N, 88.54W, h77km, 13km, mb4.0/16,
mb1.4/2/21, mb1mx4.0/30, mbmtpp4.3/21, MS3.6/16,
Ms1.3/2/16, ms1mx4.4/31, Error ellipse: s-maj=19.1km
s-min=8.0km az=49.0

ISC 23 01:51:36.0.7.7, 13.01N, 0.05:88.71W, 0.04, h75km, 5km,
n487, r122/488, mb4.5/132, 2D, EI Salvador

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their characteristics.

2012 SEP

Table with columns: Station Name, Time, Res, ISC. Lists seismic events with station names and associated data.

1256

Table with columns: Station Name, Time, Res, ISC. Lists seismic events with station names and associated data.

PCRV	Puerto La Cruz	23.75	94	P	P	01 56 40.4	-1.4
U52A	Thorn Hill	23.73	11	P	P	01 56 42.6	+0.8
TZTN	Tazewell	23.89	10	eP	P	01 56 43.6	+0.8
TZTN	Tazewell	23.89	10	P	P	01 56 43.0	+0.2
U53A	Fall Branch	23.90	12	P	P	01 56 43.2	+0.3
T47A	Sharon Grove	23.92	3	eP	P	01 56 43.0	0.0
T47A	Sharon Grove	23.92	3	P	P	01 56 42.7	-0.3
T46A	Princeton	23.94	2	P	P	01 56 43.3	+0.1
T43A	Greenville	24.01	357	P	P	01 56 43.7	-0.2
T42A	Van Buren	24.01	355	eP	P	01 56 44.0	+0.1
T42A	Van Buren	24.01	355	P	P	01 56 43.7	-0.2
T41A	Mountain View	24.09	354	P	P	01 56 44.7	+0.1
MNTX	Cornudas Mount	24.10	323	eP	P	01 56 45.5	+0.7
MNTX	Cornudas Mount	24.10	323	P	P	01 56 45.1	+0.3
T50A	Nancy	24.16	8	P	P	01 56 44.7	-0.5
T49A	Edmonton	24.16	6	eP	P	01 56 45.4	+0.1
T49A	Edmonton	24.16	6	P	P	01 56 44.9	-0.3
T51A	Gray	24.23	9	P	P	01 56 45.8	0.0
T39A	Clever	24.27	351	P	P	01 56 47.2	+1.0
T40A	Mansfield	24.28	353	P	P	01 56 46.9	+0.6
T38A	Diamond	24.44	349	P	P	01 56 49.0	+1.3
MSTX	Muleshoe	24.47	331	eP	P	01 56 47.6	-0.7
MSTX	Muleshoe	24.47	331	P	P	01 56 48.4	+0.2
S43A	Fulton Ridge	24.49	357	P	P	01 56 48.4	+0.2
S44A	Carbondale	24.58	359	P	P	01 56 49.3	+0.2
SIUC	Southern Hill	24.60	359	eP	P	01 56 49.6	+0.4
S41A	Jilco Farms	24.62	354	P	P	01 56 49.3	-0.1
S48A	Wiedeman Farm	24.66	5	P	P	01 56 49.4	-0.3
S42A	Caledonia	24.73	356	P	P	01 56 50.2	-0.1
AMTX	Amarillo	24.74	334	eP	P	01 56 52.1	+1.4
AMTX	Amarillo	24.74	334	P	P	01 56 51.7	+1.0
S49A	Springfield	24.86	6	P	P	01 56 52.0	+0.4
S39A	Bolivar	24.92	351	eP	P	01 56 52.6	+0.5
S39A	Bolivar	24.92	351	P	P	01 56 52.6	+0.5
S38A	Stockton	24.95	350	P	P	01 56 53.3	+0.9
R45A	Skylar, Fairfi	25.18	1	P	P	01 56 54.6	+0.1
WCI	Wyandotte Cave	25.20	4	eP	P	01 56 54.7	0.0
WCI	Wyandotte Cave	25.20	4	P	P	01 56 55.0	+0.2
R42A	Luebbing	25.23	356	P	P	01 56 54.8	-0.1
R47A	Wooly Knot Far	25.25	4	P	P	01 56 55.1	-0.1
R41A	Rosebud	25.29	355	P	P	01 56 55.6	+0.1
R38A	Fenwick Farm	25.50	350	P	P	01 56 57.9	+0.5
R51A	Hillsboro	25.59	9	P	P	01 56 58.5	+0.3
Q45A	Warren Harvey	25.78	1	P	P	01 57 00.4	+0.4
Q44A	Meyer Farm, Va	25.79	359	P	P	01 57 00.0	0.0
Q47A	Bedord North L	25.90	4	P	P	01 57 00.5	-0.5
Q38A	Cooks Store, C	26.17	351	P	P	01 57 04.0	+0.2
Q51A	Peebles	26.34	9	eP	P	01 57 05.4	+0.4
Q51A	Peebles	26.34	9	P	P	01 57 05.0	0.0
Q42A	Martinsville	26.46	4	P	P	01 57 05.3	-0.7
P47A	Bidwell	26.47	11	P	P	01 57 06.4	+0.2
P42A	Winchester	26.51	357	P	P	01 57 06.0	-0.5
BNN	Barren Site	26.61	325	eP	P	01 57 09.1	+1.4
R58B	Mineral	26.66	19	P	P	01 57 08.3	+0.5
LENM	Lemitar	26.81	325	eP	P	01 57 10.9	+1.4
PS1A	Williamsport	26.83	10	P	P	01 57 09.4	0.0
KSU1	Kansas State U	26.91	346	eP	P	01 57 11.3	+1.1
CBN	Corbin Frederi	27.04	20	eP	P	01 57 12.4	+1.2
CBN	Corbin Frederi	27.04	20	P	P	01 57 12.1	+0.9
ANMO	Albuquerque	27.11	327	P	P	01 57 13.5	+1.3
ANMO	Albuquerque	27.11	327	PcP	PcP	02 00 30.3	-1.2
ANMO	Albuquerque	27.11	327	P	P	01 57 14.1	+1.9
P53A	Whipple	27.15	12	eP	P	01 57 13.0	+0.7
P53A	Whipple	27.15	12	P	P	01 57 12.7	+0.4
O47A	Sheridan	27.21	4	P	P	01 57 12.1	-0.6
O50A	Cable	27.40	8	P	P	01 57 14.1	-0.4
CBKS	Cedar Bluff	27.50	341	P	P	01 57 15.2	-0.2
ACSO	Alum Creek Sta	27.58	9	P	P	01 57 15.9	-0.2
O52A	Adamsville	27.67	11	P	P	01 57 16.7	-0.2
N43A	Stutzman Famil	27.82	359	P	P	01 57 17.8	-0.5
T25A	Trinidad	27.84	332	eP	P	01 57 19.9	+1.2
T25A	Trinidad	27.84	332	P	P	01 57 20.6	+2.0
N39A	Derby Farms, D	27.96	354	P	P	01 57 19.5	+0.1
SDMD	Goldie's Deli	28.31	20	eP	P	01 57 23.6	+1.0
N51A	Ashland	28.35	10	eP	P	01 57 21.7	-1.3
M39A	Webster	28.52	355	P	P	01 57 24.8	+0.3
SDCO	Great Sand Dun	28.83	332	eP	P	01 57 28.2	+0.6
SDCO	Great Sand Dun	28.83	332	P	P	01 57 29.2	+1.6
N54A	Moraine State	28.87	14	P	P	01 57 27.9	+0.3
SSPA	Standing Stone	29.11	17	P	P	01 57 30.1	+0.4
S22A	4UR Ranch, Cre	29.46	330	P	P	01 57 34.1	+0.9
X16A	Lo Mia Camp, P	29.65	320	eP	P	01 57 35.9	+1.1
K39A	Belmond	29.71	355	P	P	01 57 35.0	0.0
K47A	Vermontville	29.72	6	P	P	01 57 34.0	-1.2
K37A	Belmond	29.95	353	P	P	01 57 37.2	0.0

N59A	State Game Lan	30.02	20	P	P	01 57 38.5	+0.7
ISCO	Idaho Springs	30.56	334	eP	P	01 57 43.4	+0.4
ISCO	Idaho Springs	30.56	334	P	P	01 57 43.9	+1.0
PV01	Paradox Valley	30.63	328	eP	P	01 57 44.6	+1.0
SMCO	Snowmass	30.67	331	eP	P	01 57 45.5	+1.6
PV13	Snowmass	30.78	328	eP	P	01 57 46.6	+1.8
I39A	Houston	30.83	356	P	P	01 57 44.8	-0.1
PV03	Parox Valley	30.87	328	eP	P	01 57 46.5	+0.9
PV12	Saucer Basin	30.89	328	eP	P	01 57 46.7	+0.9
PV12	Saucer Basin	30.89	328	ePcP	PcP	02 00 42.1	+1.2
PV18	Skein Mesa, Pa	30.89	328	eP	P	01 57 47.4	+1.6
PV11	David Mesa, Pa	30.91	328	eP	P	01 57 47.7	+1.8
PV17	East Wray Mesa	30.94	328	eP	P	01 57 47.9	+1.7
PV16	Nyswonger Mesa	30.95	328	eP	P	01 57 47.9	+1.6
PV19	Morning Glory	30.98	328	eP	P	01 57 48.5	+1.9
PV23	Capenter Ridge	31.10	328	eP	P	01 57 50.6	+3.0
BINY	Binghamton	31.11	18	P	P	01 57 47.9	+0.5
ECSD	EROS Data Cent	31.36	349	P	P	01 57 50.1	+0.5
H40A	Chili	31.53	358	P	P	01 57 50.6	-0.4
N23A	Red Feather La	31.61	335	P	P	01 57 53.1	+1.0
PHWY	Pilot Hill	31.76	336	eP	P	01 57 54.9	+1.4
BC3	Big Chuckawall	31.85	315	P	P	01 57 55.8	+1.6
O20A	White River Ci	32.02	331	eP	P	01 57 57.6	+1.9
O20A	White River Ci	32.02	331	ePcP	PcP	02 00 44.6	+0.7
O20A	White River Ci	32.02	331	P	P	01 57 57.2	+1.6
G39A	Holcombe	32.23	357	P	P	01 57 57.1	-0.1
SPMN	Marine on St.	32.29	355	eP	P	01 57 57.3	-0.3
SPMN	Marine on St.	32.29	355	P	P	01 57 57.4	-0.3
SRU	San Rafael Swe	32.38	327	eP	P	01 58 01.0	+2.2
MTPU	Mont Piersou	32.53	342	eP	P	01 58 02.5	+2.2
SADO	Sadova	32.69	13	P	P	01 58 00.1	-1.1
P17A	Butcher Ranch	32.76	328	eP	P	01 58 04.0	+1.9
RWWY	Rawlins	32.81	334	eP	P	01 58 04.3	+1.7
F40A	Park Falls	32.82	358	P	P	01 58 01.6	-0.8
F38A	Pier 17	32.95	356	P	P	01 58 03.2	-0.2
K22A	Casper	32.93	336	eP	P	01 58 08.3	+1.3
K22A	Casper	33.32	336	P	P	01 58 07.9	+0.9
SAML	Samuel	33.45	129	eP	P	01 58 07.3	-0.9
RSSD	Black Hills	33.67	340	eP	P	01 58 11.5	+1.5
RSSD	Black Hills	33.67	340	P	P	01 58 11.0	+0.9
PSUT	Pine Spring	33.82	323	eP	P	01 58 13.4	+1.9
TCUT	Toone Canyon	34.32	329	eP	P	01 58 18.2	+2.4
BW06	Boulder Array	34.70	333	eP	P	01 58 19.7	+0.6
BW06	Boulder Array	34.70	333	P	P	01 58 19.6	+0.6
PD31	Pinedale Array	34.70	333	eP	P	01 58 19.7	+0.6
PDAR	Pinedale Array	34.70	333	eP	P	01 58 19.6	+0.6
PDAR	Pinedale Array	34.70	333	PcP	PcP	02 00 51.2	-0.2
PDAR	Pinedale Array	34.70	333	P	P	01 58 19.0	0.0
PDAR	Pinedale Array	34.70	333	P	P	02 00 51.2	-0.2
HWUT	Hansel Valley	35.50	328	ePcP	PcP	02 00 52.0	+0.4
HVU	Hansel Valley	35.50	328	eP	P	01 58 27.2	+1.4
LPZA	La Paz	35.52	144	P	P	01 58 27.0	+0.4
LPZA	La Paz	35.52	144	LR	LR	02 12 48.4	
AGMN	Agassiz Narco	35.68	352	eP	P	01 58 26.6	-0.4
AGMN	Agassiz Narco	35.68	352	P	P	01 58 26.7	-0.3
REDW	Red Top Meadow	35.76	332	eP	P	01 58 29.1	+1.0
LOHW	Long Hollow	35.84	332	eP	P	01 58 30.0	+1.3
MDND	Maddock	35.90	347	eP	P	01 58 29.1	+0.2
MDND	Maddock	35.90	347	eP	P	01 58 47.4	+0.5
MDND	Maddock	35.90	347	P	P	01 58 29.4	+0.5
TPAW	Teton Pass	35.90	332	eP	P	01 58 30.7	+1.3
MOOW	Moose Ponds	36.01	332	eP	P	01 58 31.7	+1.5
FXWY	Fox Creek	36.05	332	eP	P	01 58 31.3	+0.8
IMW	Indian Meadow	36.22	332	eP	P	01 58 33.0	+1.0
IMW	Indian Meadow	36.22	332	ePcP	PcP	02 00 56.4	+0.4
FLWY	Flagg Ranch	36.25	333	eP	P	01 58 33.7	+1.5
NV11	Mina Array Sit	36.38	319	eP	P	01 58 35.5	+2.2
NV11	Mina Array Sit	36.45	333	ePcP	PcP	02 00 57.8	+1.4
NV01	Mina Array Sit	36.48	319	eP	P	01 58 36.0	+1.8
NV01	Mina Array Sit	36.48	319	ePcP	PcP	02 00 57.9	+1.1
NVAR	Mina Array Bea	36.48	319	P	P	01 58 35.8	+1.5
NVAR	Mina Array Bea	36.48	319	PcP	PcP	02 00 57.9	+1.1
NVAR	Mina Array Bea	36.48	319	LR	LR	02 14 29.8	
RLMT	Red Lodge	36.48	335	eP	P	01 58 34.7	+0.6
RLMT	Red Lodge	36.48	335	P	P	01 58 34.8	+0.7
LKWY	Lake	36.50	334	eP	P	01 58 36.7	+2.3
YFT	Old Faithful	36.60	333	eP	P	01 58 38.0	+2.7
LAO	LASA Array	36.67	340	P	P	01 58 36.5	+0.9
KVN	Kaiserville	36.72	320	eP	P	01 58 38.2	+2.0
YNR	Norris Junctio	36.74	334	eP	P	01 58 38.6	+2.1
YNR	Madison River	36.83	333	eP	P	01 58 39.3	+2.1
YHH	Holmes Hill	36.88	333	eP	P	01 58 39.4	+1.7
YHB	Horse Butte	37.00	333	eP	P	01 58 40.3	+1.7
BMN	Battle Mountai	37.03	323	eP	P	01 58 40.7	+1.8
GCMT	Greyhill	37.19	336	eP	P	01 58 40.9	+0.9
ULM	Lac du Bonnet	37.59	352	P			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UCPARC, Tignal, Houston, Yeager Farm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Parker Dam, LON, W13A, etc.

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

23d 6h

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like COEN, MANU, PPT2, etc.

2012 SEP

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like KSRS, KSAR, KSO1, etc.

1266

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ARVC, SVWZ, BRLK, etc.

23d 7h

Table with columns for station name, coordinates, and status. Includes entries like KHC Kasperse Hory, YER Yerkesik, GRES GRESS Array B, etc.

2012 SEP

Table with columns for station name, coordinates, and status. Includes entries like JAN Janina, TRIZ Trizonia, GUR Goura, etc.

1268

Table with columns for station name, coordinates, and status. Includes entries like LNSS, PIEI, IDC 23 06:45:58.47, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Erkin-Say, Karatay Array, Kyzart, Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Erkin-Say, Kyzart, Ala-Archa, Karagaybulak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Guiyang, Kunming, Chengdu, Matias Romero, etc.

MEX 23 08:10:27.1-0.5, 13.53N-91.29W, h44km, 73km, MD4.0, Near coast of Guatemala. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

GUC 23 08:20:57.8-0.8, 22.69S-68.83W, h12km, 7km, ML3.5, 8C, Northern Chile. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

TRN 23 07:32:37.0, 14.46N-60.43W, h50km, MD3.6, 1D, Windward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bigot, Petit Monier, Fort de France, Patience, Belfond, etc.

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

ISC/JB 23 07:44:03.0-0.9, 17.65S-0.1, 63.4W-0.1, h10km, mb3.6/4, MS4.5/1, Error ellipse: s-maj=21.8km s-min=12.7km az=158.6

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

ISC 23 07:44:04.5-1.0, 17.65S-0.2, 63.50W-0.07, h10km, n12, @131/10, mb3.6/4, Central Bolivia

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

MEX 23 07:44:27.0-0.6, 13.79N-91.69W, h14km, 244km, MD3.7, Near coast of Guatemala

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

ISC 23 07:48:27.6-3.8, 10.26N-126.02E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.3/29, mbmtpp4.3/3, Error ellipse: s-maj=313.9km s-min=28.2km az=65.0, Philippine Islands region

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

MEX 23 08:24:05.0-1.0, 15.05N-92.98W, h80km, 11km, MD3.7, Mexico-Guatemala border region. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

MEX 23 08:31:47.8-0.7, 15.33N-93.31W, h86km, 6km, MD3.6, Near coast of Chiapas. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ISC/JB 23 08:47:16.0-0.6, 13.14S-106.76W-0.1, h10km, mb4.2/9, MS3.3/2, Error ellipse: s-maj=17.0km s-min=5.7km az=157.7. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ISC 23 08:47:16.5-0.7, 13.19S-106.76W-0.1, h10km, n40, @235/31, mb4.2/9, Near coast of Peru. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

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

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

ISC 23 07:32:44.3-3.8, 35.82N-70.03E, h90km, 33km, mb3.6/12, mb1.3/7.16, mb1mx3.5/56, mbmtpp4.0/16, MS3.5/1, Ms1.3/6.1, ms1mx2.7/35, Error ellipse: s-maj=22.1km s-min=19.4km az=173.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cherat, Chirah Chowk, etc.

ISC 23 07:32:48.0-0.6, 36.13N-0.05-0.07, h124km, n50, @146/55, mb3.7/11, 6C-9D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cherat, Chirah Chowk, etc.

23d 9h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, I, S, C. Includes stations like SDV Santo Domingo, PCRV Puerto La Cruz, PLCA Paso Flores, etc.

IDC 23 08:52:44.4, 2.0, 12.40N, 88.22W, h0km, mb3.7/5, mb1 4.0/7, mb1mx3.7/44, mbtmp3.7/77, ML3.1/2, MS3.6/11, Ms1 3.6/11, ms1mx3.3/35, Error ellipse: s-maj=54.6km s-min=38.8km az=41.0

ISCJB 23 08:52:52.0, 0.4, 12.59N, 0.04, 88.64W, 0.03, h46km, 4km, mb4.1/27, MS3.6/9, Error ellipse: s-maj=8.1km s-min=3.2km az=38.8

UCR 23 08:52:52.5, 1.8, 12.70N, 88.62W, h69km, 30km, ML3.9, mb4.2(NEIC)

NEIC 23 08:52:53.8, 0.8, 12.65N, 88.57W, h44km, 8km, mb4.2/27, MD3.9(SNET), Error ellipse: s-maj=13.8km s-min=6.4km az=206.0

NEIC Fell (I) at Usulután, ISC 23 08:52:53.3, 1.1, 12.61N, 0.06, 88.63W, 0.04, h46km, 11km, n102, s121/104, mb4.2/27, MS3.6/9, Off coast of central America

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, I, S, C. Includes stations like LCY Lacayo, YSM San Miguel, LCND La Ca-nada, etc.

2012 SEP

Table with columns: TKL, Tuckaleechee C, 23.37 10 P, 08 57 56.4 -1.4, etc. Includes stations like TKL Tuckaleechee C, V40A White Springs, V51A Loudon, etc.

NEIC 23 09:07:17.3, 3.0, 0.19, 29N, 68.77W, h82km, MD3.6(RSPR), After RSPR, RSPR 23 09:07:17.3, 19.29N, 68.77W, h82km, 7km, MD3.6/8, 22C, North Atlantic Ocean

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, I, S, C. Includes stations like IDE Isla Desecheo, ILAR Eielson Array, PPT Papeete, etc.

MOS 23 09:10:40.5, 1.6, 38.52N, 42.97E, h10km, mb4.2/11, Error ellipse: s-maj=6.9km s-min=4.3km az=96.7

IDC 23 09:10:40.0, 0.7, 38.61N, 42.89E, h0km, mb3.9/17, mb1 4.0/23, mb1mx3.8/47, mbtmp3.9/23, ML3.3/5, MS3.5/20, Ms1 3.6/20, ms1mx3.3/42, Error ellipse: s-maj=17.4km s-min=10.3km az=155.0

ISK 23 09:10:41.4, 38.74N, 42.95E, h5km, ML4.4/16, NEIC 23 09:10:41.0, 0.0, 38.64N, 42.99E, h5km, mb4.1/16, ISK 23 09:10:41.0, 0.4, 38.68N, 42.97E, 0.02, h11km, 2km, mb4.2/38, MS3.5/18, Error ellipse: s-maj=2.9km s-min=1.9km az=151.2

DDA 23 09:10:42.0, 38.71N, 42.96E, h19km, ML3.3, GJ 23 09:10:42.0, 0.0, 38.73N, 42.98E, h1km, AZER 23 09:10:45.6, 1.8, 38.75N, 42.85E, h32km, 32km, ml3.9/14, Error ellipse: s-maj=24.3km s-min=5.0km az=61.0

ISC 23 09:10:43.5, 0.8, 38.68N, 42.95E, 0.02, h13km, 5km, n255, s197/285, mb4.2/47, MS3.5/18, 32C-27D, Turkey

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, I, S, C. Includes stations like ADCV BITLIS Adilcevaz, VANB Van, GEVA Gevas, etc.

1270

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, I, S, C. Includes stations like DYND Siirt_Merkez, SRTM Siirt_Merkez, EATA Elesirt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HMDT Nahal Hemdat, SLTI Safit, EIL Elat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOTA Moosalm, FETA Feichten, RETA Reutte, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEX 23 10:02:52.4, 0.6, 13'80N-91'28W, etc.

Table of station data for 23d 11h, including columns for Code, Station Name, Azimuth, Phase, ID, Op, ISC, Time, Res, and ISC. Stations listed include OPO, PALK, KMBO, MATP, etc.

Table of station data for 2021 SEP, including columns for MLYT, Lee's Yard, SABA, St. Maarten, etc. Includes various station codes and their associated data.

Table of station data for 1272, including columns for HHC, LZH, SNAH, YBH, etc. Includes station codes and their associated data.

Table titled 'MEX 21:11:21:13.5.0.5, 13:32N:91:36W, h10km, MD3.8, Near coast of Guatemala' with columns for Code, Station Name, Azimuth, Phase, ID, Op, ISC, Time, Res, and ISC.

Table titled 'WEL 23:11:21:35.0.0.5, 32°S:7°18'0W:1.6, h33km, ML5.1/19' with columns for Code, Station Name, Azimuth, Phase, ID, Op, ISC, Time, Res, and ISC.

Table titled 'TRN 23:10:54:05.5, 17:43N:62:33W, h83km, MD3.6, 3C-3D, Leeward Islands' with columns for Code, Station Name, Azimuth, Phase, ID, Op, ISC, Time, Res, and ISC.

Table with columns for station ID, name, elevation, and coordinates. Includes stations like PISGHC Pisagua, MNMC Minye Minye, and W50A Signal Mountain.

Table with columns for station ID, name, elevation, and coordinates. Includes stations like CPCT Cooper Cave, X47A Russelville, and W50A Signal Mountain.

Table with columns for station ID, name, elevation, and coordinates. Includes stations like R41A Rosebud, S39A Bolivar, and W50A Signal Mountain.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like NLU North Lily Min, TPVW Topopah Spring, TPVW Topopah Spring, FURC Furnace Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like H11S1 WAKE ISLAND Hy27.34 278, H11S3 WAKE ISLAND Hy27.35 278, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and other parameters. Includes stations like MBWA Marble Bar, CTA Charters Tower, CTA Charters Tower, etc.

23d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GERES, KEST, TORD, DBIC, etc.

ISCJB 23 13:06:24.4, 0.8, 22.85S, 0.06:66.91W, 0.06, h250km, mb3.6/1, Error ellipse: s-maj=8.3km s-min=7.9km az=18.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB09, PB06, PB03, etc.

SAR 23 13:06:38.4, 0.4, 42.90N, 17.64E, h4km, 3km, ML2.7/1

BEO 23 13:06:39.1, 0.5, 42.87N, 17.60E, h0km, ML2.7/1

PDG 23 13:06:40.1, 0.7, 42.78N, 17.72E, h10km, 1km, ML2.6/10

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

2012 SEP

Table with columns: SELS, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NVLJ, FRGS, etc.

ARSA Arzberg 4.66 341 eP Pn 13 07 52.2 +1.4

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

ISC 23 13:16:00.5, 2.0, 3.52S, 140.43E, h0km, mb3.3/2

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

GUC 23 13:20:35.1, 0.5, 35.80S, 73.83W, h15km, 13km, ML3.7,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CCSP, CCHI, GO05, etc.

ISC 23 13:22:54.6, 1.6, 1.68S, 138.90E, h0km, mb3.8/4,

NEIC 23 13:22:55.6, 0.5, 1.68S, 138.90E, h10km, mb4.1/3, Error ellipse: s-maj=7.6km s-min=6.8km az=138.0

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

NEIC 23 13:29:31.1, 0.5, 3.30S, 146.14E, h10km, mb4.3/5, Error ellipse: s-maj=12.1km s-min=6.8km az=104.0

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

1276

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

WARRAMUNGA ARR 20.13 214 eP Pn 13 08 18.9 +3.0

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

DZM Mont Dumac 27.04 135 eP Pn 13 08 18.9 +3.0

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

USRK Ussuriysk Arr. 49.04 346 pP Pn 13 08 25.5 +6.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CM01, CMAR, etc.

PETK Petropavlovsk-57 57.09 8 p P 13 09 25.2 +6.8

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

WMOQ Wamoa 60.14 114 eLR P 13 00 45.1 -0.6

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

TAOE Nuku Hiva Island 74.33 98 eLR LR 14 03 44.2

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

ISCJB 23 13:53:54.8, 0.1, 40.04N, 0.02:53.73E, 0.02, h32km, mb4.2/43, Error ellipse: s-maj=2.6km s-min=1.6km az=18.9

TEH 23 13:53:54.6, 1.1, 40.12N, 53.66E, h10km, ML4.7

NEIC 23 13:53:56.9, 0.5, 39.97N, 53.72E, h42km, 6km, mb4.4/24, Error ellipse: s-maj=5.9km s-min=3.3km az=185.0

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

Table with columns for station name, coordinates, and various parameters. Includes stations like SFK VSR, UOSS, BR131, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like MK31, MKAR, MKK1, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like HHC, HHC, ESDC, etc.

ISCJB 23 14:36:48.5:0.4, 6.97S:0.04:130.59E:0.05, h78km, mb4.0/6, Error ellipse: s-maj=7.7km s-min=6.0km az=3.2
 IDC 23 14:36:48.3:2.1, 6.90S:130.30E, h47km, mb3.6/6, mb1.4/0.10, mb1mx3.7/3.4, mbtmp4.0/10, ML4.3/5, Error ellipse: s-maj=31.4km s-min=14.9km az=72.0
 NEIC 23 14:36:51.6:0.7, 6.78S:130.53E, h82km, mb4.3/3, Error ellipse: s-maj=9.0km s-min=8.8km az=221.0
 ISC 23 14:36:50.7:0.6, 7.08S:130.55E:0.07, h78km, n28, z65/32, mb3.8/6, Tanimbar Islands region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
				Op	h m s	ISC
SAUI	Saumlaki	1.16	44°	Op	14 37 17.5	+5.9
FAKI	Fak Fak	4.47	22°	Op	14 37 52.7	-3.4
MTN	Manton Dam	5.75	17°	Op	14 38 16.9	+3.3
SJJI	Sorong	6.21	7°	P	14 38 15.8	-4.0
					17nm, 0.3s, baz=218, slow=22, SNR=92	
SJUI				S		
					10nm, 0.3s, baz=257, slow=23, SNR=9.9	
SOEI	Soei	6.76	246°	Op	14 38 29.9	+2.5
BATI	Baumata	7.48	245°	Op	14 38 40.1	+2.9
					8.0nm, 0.3s, baz=83, slow=6.6, SNR=14	
BATI				S		
					12nm, 0.3s, baz=91, slow=21, SNR=8.1	
JAY	Jayapura	11.09	66°	P	14 39 26.8	+0.3
					0.7nm, 0.3s, baz=217, slow=12, SNR=4.0	
FITZ	Fitzroy Crossi	11.95	203°	P	14 39 37.5	-0.5
					4.2nm, 0.3s, baz=33, slow=11, SNR=86	
FITZ				S		
					3.3nm, 0.3s, baz=77, slow=9.0, SNR=3.9	
FITZ	Fitzroy Crossi	11.95	203°	Op	14 39 37.0	-1.1
FITZ				S		
					14 41 40.0	-5.6
WRAB	Tennant Creek	13.30	164°	Op	14 39 53.9	-2.4
WRA	Warrungarra Arr	13.30	164°	P	14 39 55.9	-0.5
					1.0nm, 0.3s, baz=348, slow=13, SNR=22	
WRA				S		
					3.0nm, 0.3s, baz=344, slow=23, SNR=12	
WB2	Warrungarra Arr	13.31	164°	Op	14 39 55.8	-0.6
COEN	Coen	14.16	120°	Op	14 40 09.2	+1.5
AS31	Alice Springs	16.80	169°	Op	14 40 40.1	-1.1
					2.8nm, 0.4s	
ASAR	Alice Springs	16.80	169°	P	14 40 42.7	+0.6
					0.8nm, 0.3s, baz=358, slow=13, SNR=40	
ASAR				S		
					0.7nm, 0.3s, baz=345, slow=23, SNR=9.3	
MBWA	Marble Bar	17.47	216°	Op	14 40 48.8	-0.5
					33nm, 1.8s	
CTA	Charters Tower	19.98	132°	P	14 41 20.6	+1.3
					2.0nm, 0.7s, baz=308, slow=9.2, SNR=4.0	
STKA	Stevens Creek	26.74	159°	P	14 42 25.8	+2.8
					0.8nm, 0.3s, baz=332, slow=12, SNR=3.8	
CMAR	Chiang Mai Arr	40.20	310°	P	14 44 18.6	-1.2
					0.6nm, 0.5s, baz=141, slow=5.8, SNR=3.3	
HHC	Hu-ho-hao-te	50.79	341°	Op	14 45 45.5	+2.3
HHC				pmax		
HHC				pmax		
HHC				pmax		
					comp=Z, 14nm, 0.8s	
HHC						
					comp=Z, 180nm, 5.2s	
SOMM	Songino Array	58.69	341°	P	14 46 39.2	-1.1
					comp=Z, 0.5nm, 0.5s, baz=163, slow=10, SNR=3.7	
WMQ	Urungi	63.76	327°	P	14 47 15.0	+0.5
MK01	Makanchi Array	68.57	327°	Op	14 47 43.5	-1.7
MK31	Makanchi Array	68.59	327°	Op	14 47 43.5	-1.8
MKAR	Makanchi Array	68.59	327°	P	14 47 44.0	-1.3
					comp=Z, 1.0nm, 0.3s, baz=115, slow=8.1, SNR=22	
MKAR	Makanchi Array	68.59	327°	Op	14 47 43.7	-1.7
					comp=Z, 8.4nm, 0.7s	
VNDA	Vanda	72.30	173°	P	14 48 10.0	+2.6
					comp=Z, 0.5nm, 0.6s, baz=323, slow=7.6, SNR=6.9	
LPAZ	La Paz	150.32	142°	PKPbc PKPbc	14 56 36.8	+1.9
					comp=Z, 0.8nm, 0.4s, baz=343, slow=2.6, SNR=5.5	

MEX 23 14:53:46.2:0.9, 16.45N:98.36W, h10km, MD3.8, Near coast of Guerrero

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
				Op	h m s	ISC
TLIG	Tiapa	1.12	350°	Op	14 54 03.6	-4.2
					14 54 17.8	-4.7
TLIG				eS		
VHO	Vista Hermosa	1.68	68°	Op	14 54 13.2	-2.6
VHO				S		
MEIG	Mezcala	1.90	321°	Op	14 54 16.1	-2.6
MEIG				eS		
CAIG	El Cayaco	1.92	288°	Op	14 54 15.4	-3.5
CAIG				iS		
HUIG	Huatulco	2.27	107°	Op	14 54 20.6	-3.2
HUIG				iS		
					14 54 47.9	-3.9

UCR 23 14:58:22.0:1.2, 9.88N:85.62W, h10km, MD3.7, ML4.1, mb4.4(NEIC)

IDC 23 14:58:25.5:1.8, 10.03N:85.44W, h42km, mb4.0/8, mb1.4/2.10, mb1mx3.8/3.1, mbtmp4.2/10, ML3.4/2, MS3.8/9, Ms1.3/8.9, ms1mx3.5/2.7, Error ellipse: s-maj=26.6km s-min=13.2km az=32.0

NEIC 23 14:58:26.4:0.6, 10.11N:85.41W, h53km, mb4.4/7.1, Error ellipse: s-maj=8.7km s-min=5.1km az=207.0

NEIC Felt at Paquetzen, RICA

ISC 23 14:58:22.3:1.1, 9.89N:0.05:85.56W, 0.04, h25km, 7km, n260, s18/27, mb4.5/76, MS3.8/8, Off coast of Costa Rica

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
				Op	h m s	ISC
PVR	Vista de Mar	0.24	344°	Op	14 58 28.0	-0.6
PLVR	Palo Verde	0.50	25°	Op	14 58 29.3	+0.3
PLVR				eS		
JTS	JuntasAbangare	0.72	57°	Op	14 58 41.1	-0.3
				P	14 58 36.2	0.0
					504nm, 0.3s, baz=337, slow=7.3, SNR=3283	
JTS				S		
					679nm, 0.3s, baz=97, slow=20, SNR=52	
JTS	JuntasAbangare	0.72	57°	Op	14 58 36.9	-0.1
JTS				eS		
					14 58 49.5	+2.3
NY14	Universidad de	0.75	2°	Op	14 58 37.5	+0.2
COLC	Colonia	0.84	25°	Op	14 58 38.8	+0.4
CUI	Cuipitapa	0.86	27°	Op	14 58 39.0	+0.4
CUI				iS		
LIM1	Limalon	0.86	21°	Op	14 58 39.1	+0.2
LIM1				iS		
					14 58 51.9	+1.2
GUAB	Guayabo de Bag	0.87	22°	Op	14 58 39.1	+0.2
GPS2	Hotel Rincón	0.88	14°	Op	14 58 39.3	+0.2
GPS3	Bodega del ICE	0.88	13°	Op	14 58 39.1	+0.2
GPS3				iS		
LAPC	Finca la Perla	0.88	8°	Op	14 58 52.2	+1.0
GBS3	Finca Las Imj	0.89	7°	Op	14 58 38.8	-0.1
HORNC	Hornillas	0.90	25°	Op	14 58 38.9	-0.2
ACAL	Altos Claras	0.90	35°	Op	14 58 39.8	+0.3
GPS1	Guardaparques	0.90	13°	Op	14 58 39.5	+0.2
AMAS	Alto Masis	0.91	38°	Op	14 58 39.7	+0.2
AMAS				iS		
BUEV	Buena Vista	0.91	10°	Op	14 58 53.6	+1.6
MESS	Mesas	0.92	23°	Op	14 58 39.6	+0.1
MESS				iS		
					14 58 39.8	+0.2
					14 58 40.2	+0.4
GB1A	Borinquen Arri	0.93	10°	Op	14 58 53.5	+1.4
GB1A				iS		
					14 58 40.0	+0.1
PTEN	Parque Tenorio	0.99	35°	Op	14 58 53.9	+1.3
BUAI	Buenos Años	1.00	13°	Op	14 58 40.0	0.0
SRA1	San Ramn	1.08	80°	Op	14 58 41.2	+0.1
HDC	Heredia	1.43	86°	Op	14 58 42.4	+0.4
HDC				eP		
HDC	Heredia	1.43	86°	Op	14 58 47.9	-0.5
HDC				P		
SJS	Escuela Geolog	1.49	88°	Op	14 58 48.0	-0.4
LCR2	La Lucha 2	1.54	88°	Op	14 58 48.4	+0.7
LCR2				eP		
CONN	Concepcion	1.66	358°	Op	14 58 49.0	+0.5
URSC	Ursc	1.76	92°	Op	14 58 51.6	-0.7
TRT1	Tortuguero	1.96	69°	Op	14 58 52.3	+0.8
MGAN	Managua	2.34	343°	Op	14 58 57.1	-0.3
XAVN	Gruta Xavier	2.36	342°	Op	14 59 00.0	+0.8
COPN	Copatene	2.49	336°	Op	14 59 01.2	+1.6
BOAB	BOACO BROADBAI	2.54	358°	Op	14 59 02.0	+0.7
BOAB	BOACO BROADBAI	2.54	358°	Op	14 59 02.5	+0.5
BOAB	BOACO BROADBAI	2.54	358°	Op	14 59 03.5	+1.8
ESPN	Las Esperanzas	2.60	28°	Op	14 59 03.8	+1.0
ESPN	Las Esperanzas	2.60	28°	Op	14 59 03.8	+1.0
ESPN				IAML		
					14 59 49.9	
MOMN	Momolotom	2.68	339°	Op	14 59 04.8	+0.8
CNGN	Cerro Negro	2.82	337°	Op	14 59 07.5	+1.6
MATN	Matagalpa	3.04	353°	Op	14 59 10.0	+1.1
CRIN	San Cristobal	3.15	333°	Op	14 59 11.7	+1.3
ESTN	Estel	3.29	346°	Op	14 59 11.9	-0.5
ESTN	Estel	3.29	346°	Op	14 59 13.7	+1.3

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
				Op	h m s	ISC
CSGN	Cosiguina Volc	3.64	328°	Op	14 59 18.6	+1.5
CSGN	Cosiguina Volc	3.64	328°	Op	14 59 18.6	+1.5
TGSH	Teguicigalpa, Un	4.46	338°	Op	14 59 29.2	+0.8
BCIP	Isla Barro Colorado	5.69	97°	Op	14 59 46.5	+1.1
APG	El Apazole	6.98	317°	Op	14 59 00.7	+3.9
					comp=N, 0.7nm, 0.3s, baz=108, slow=5.0, SNR=8.2	
APG				S		
					15 01 23.2	+1.2
CCIG	Comitan	9.02	315°	Op	15 00 34.2	+3.1
CMIG	Matias Romero	11.54	309°	Op	15 01 08.0	+2.3
					comp=N, 0.2nm, 0.3s, baz=103, slow=1.3, SNR=2.9	
ROSC	El Rosal	12.23	113°	LR	15 06 37.1	
					comp=N, 0.33nm, 18.7s, baz=286, slow=40	
TLIG	Tiapa	14.75	303°	Op	15 01 51.6	-2.8
SDV	Santa Domingo	14.77	93°	Op	15 01 51.7	+1.8
INDW	Indianlow	17.75	15°	Op	15 02 28.3	-0.1
JROQ	Juriquilla Can	17.92	309°	Op	15 02 33.5	+2.8
					comp=N, 0.38nm, 1.2s	
LNIG	Linaires	19.94	320°	Op	15 02 53.2	+0.6
					comp=N, 12nm, 0.9s	
351A	Pinckard	21.28	360°	P	15 03 10.2	+3.2
					baz=180, SNR=5.6	
344A	Westbrook Farm	21.98	348°	Op	15 03 14.8	+0.3
344A	Westbrook Farm	21.98	348°	Op	15 03 16.1	+1.6
252A	Lumpkin	22.01	2°	P	15 03 17.6	+2.8
					baz=182, SNR=6.9	
254A	Abbeville	22.05	5°	P	15 03 17.4	+2.2
					baz=186	
251A	Midway	22.09	0°	P	15 03 18.1	+2.4
					baz=189, SNR=5.8	
HKT	Hockley	22.14	336°	Op	15 03 15.4	-0.8
					comp=N, 42nm, 1.6s	
247A	Quitman	22.23	353°	P	15 03 18.0	+0.8
					baz=172, SNR=5.1	
245A	Little AP Sta	22.39	350°	P	15 03 19.1	+0.1
					baz=168, SNR=8.8	
151A	Opelika	22.53	1°	P	15 03 20.7	+0.3
150A	Eclectic	22.61	359°	P	15 03 22.1	+0.9
					baz=178, SNR=11	
149A	Jones	22.62	357°	P	15 03 22.8	+1.4
					baz=176</	

23d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like Pinedale Array, Manual Prospec, Hardware Ranch, Agassiz Nation, etc.

IDC 23 15:18:56.9.1.6, 31.40N, 138.10E, h359km, 35km, mb2.8/3, mb1.3/1.6, mb1mx2.7/4.0, mbtmp3.6/6, Error ellipse: s-maj=91.6km s-min=32.6km az=85.0

ISC/JB 23 15:18:57.0.0.3, 31.54N, 138.77E, 0.1, h381km, mb2.9/3, Error ellipse: s-maj=14.1km s-min=6.1km az=179.6

JMA 23 15:18:57.0.0.5, 31.61N, 138.62E, h399km, M3.3

ISC 23 15:18:57.4.1.0, 31.57N, 138.07E, 0.1, h381km, n24, c1946/29, mb3.1/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like Hachioji jima, Tokai 2, Tonankai O.B.S, etc.

IDC 23 15:23:45.8.0.6, 10.62N, 126.81E, h0km, mb4.1/19, mb1.4/2.19, mb1mx4.1/4.7, mbtmp4.7/39, Error ellipse: s-maj=27.2km s-min=13.1km az=82.0

MAN 23 15:23:47.7, 10.82N, 126.95E, h24km, mb5.1, ML4.1, MS4.3

ISC/JB 23 15:23:49.3.1.1, 10.70N, 126.04E, 126.91E, 0.06, h35km, 9km, s-maj=6.3km s-min=16.2, Error ellipse: s-maj=9.5km

NEIC 23 15:23:51.1.0.3, 10.62N, 126.70E, h35km, mb4.6/6, Error ellipse: s-maj=11.1km s-min=5.1km az=80.0

2012 SEP

BUI 23 15:23:51.1, 10.89N, 126.62E, h23km, mb4.4/12, mb4.8/9, Ms3.9/Ms7.3/6.3

ISC 23 15:23:49.7.2.3, 10.71N, 126.04E, 126.78E, 0.07, h24km, 16km, n58, c1666/70, mb4.3/28, 1C-2D, Philippine Islands region

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

IDC 23 15:25:01.9.0.8, 3.40S, 128.97E, h0km, mb4.0/12, mb1.4/1.14, mb1mx4.0/4.0, mbtmp4.0/14, ML3.6/2, MS3.6/18, Ms1.3.6/18, ms1mx3.4/3.7, Error ellipse: s-maj=26.3km s-min=14.8km az=75.0

BUI 23 15:25:01.0, 3.40S, 129.10E, h5km, mb4.4/5, mb4.7/1

NEIC 23 15:25:02.9.0.4, 3.33S, 129.08E, h10km, mb4.2/10, Error ellipse: s-maj=14.1km s-min=7.4km az=73.0

NEIC Feilij at Amahai

ISC/JB 23 15:25:04.6.0.3, 3.44S, 128.98E, 0.03, h37km, mb4.1/14, MS3.6/13, Error ellipse: s-maj=4.7km s-min=4.3km az=27.1

DJA 23 15:25:04.7.0.3, 3.3S, 128.98E, h10km, M4.7/10, mb5.0/5, s-maj=4.3km az=27.1

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

IDC 23 15:25:05.0.0.4, 5.75S, 146.60E, 0.07, h52km, mb3.9/16, Error ellipse: s-maj=9.9km s-min=5.0km az=6.6

IDC 23 15:35:32.7.0.5, 5.75S, 146.69E, 0.08, h52km, n55, c1913/55, mb4.0/16, Eastern New Guinea region

ISC/JB 23 15:35:30.8.0.4, 5.75S, 146.60E, 0.07, h52km, mb3.9/16, Error ellipse: s-maj=9.9km s-min=5.0km az=6.6

NEIC 23 15:35:33.9.0.7, 5.79S, 146.71E, h71km, mb4.0/5, Error ellipse: s-maj=9.9km s-min=5.0km az=102.0

1280

mb5.1/4, MLV.4/5/10, Mw(mb)4.4/4

ISC 23 15:25:07.0.0.5, 3.44S, 129.05E, 0.05, h37km, n64, c1571/58, mb4.0/14, MS3.5/13, Seram

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

ISC/JB 23 15:35:32.7.0.5, 5.75S, 146.69E, 0.08, h52km, n55, c1913/55, mb4.0/16, Eastern New Guinea region

PMG Port Moresby 3.66 173 P Op ISC h m s ISC 26m, 0.3s, baz=113, slow=6.3, SNR=7.5

PMG Port Moresby 3.66 173 ePn Pn 15 36 28.5 +1.7

PMG Port Moresby 3.66 173 ePn Pn 15 36 28.5 +1.7

PMG Port Moresby 3.66 173 ePn Pn 15 36 28.5 +1.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SUJI Sorong, MTN Manton Dam, WRAB Tennant Creek, etc.

ISCJ 23 15:43:35.6; 1.2, 5.48S; 146.51E, h0km, mb3.8/5, mb1 4.0/7, mb1mx3.736, mbtm3.8/7, ML3.1/2, MS3.7/1, Ms1 3.7/1, mb1mx2.6/31, Error ellipse: s-maj=44.1km s-min=25.0km az=113.0

ISCJBJ 23 15:43:39.6; 0.6, 5.56S; 0.06; 146.46E; 0.07, h35km, mb3.7/6, MS3.8/1, Error ellipse: s-maj=10.7km s-min=7.9km az=12.7

NEIC 23 15:43:42.0; 0.8, 5.49S; 146.45E, h50km, 10km, mb4.1/4, Error ellipse: s-maj=11.7km s-min=7.9km az=117.0

ISC 23 15:43:41.7; 0.8, 5.53S; 0.07; 146.49E; 0.09, h35km, n25, r146/23, mb3.8/6, Eastern New Guinea region

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

KRSC 23 15:47:07.5; 1.9, 52.03N; 160.65E, h59km, 22km, ML4.4 MOS 23 15:47:13.0; 1.0, 52.28N; 160.27E, h63km, mb4.3/17, Error ellipse: s-maj=9.4km s-min=4.3km az=100.7

ISC 23 15:47:24.9; 1.5, 52.79N; 158.77E, h94km, 10km, mb3.5/13, mb1 3.7/1, mb1mx3.5/43, mb1mx3.9/14, Error ellipse: s-maj=24.7km s-min=15.2km az=108.0

ISC 23 15:47:09.4; 1.7, 52.10N; 0.05; 160.53E; 0.05, h24km, 10km, n107, r142/11, mb4.1/19, 1C-4D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, CLL Collm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, RUS Russkaya, etc.

USRK Ussuriysk Arr. 20.52 259 P 15 51 44.5 -1.2

MJAR Matsushiro Arr. 22.16 234 P 15 52 07.3 +3.8

TIXI Tiksi 24.10 336 P 15 52 21.7 -1.0

TIXI Tiksi 24.10 336 P 15 52 21.8 -0.9

KSRK Korea Arr. 27.11 159 P 15 52 52.9 +2.6

H1N2 WAKE ISLAND Hy 32.19 260 P 15 52 49.1 -0.7

H1N3 WAKE ISLAND Hy 32.70 169 T 15 52 49.1 -0.7

H1N1 WAKE ISLAND Hy 32.70 169 T 15 52 49.1 -0.7

DGZ Jazzartov, Alta 44.35 297 P 15 55 17.1 -0.5

KURK Kurchatov 48.49 303 P 15 55 48.2 -1.7

MJAR Matsushiro Arr. 48.83 297 P 15 55 51.0 -1.6

PGP Puerto Galera 49.83 234 P 15 56 01.0 +0.5

BRVK Borovoye 51.25 309 P 15 56 09.8 -1.0

ARU Arti 54.31 318 P 15 56 32.3 -1.1

ARU Aru 54.31 318 P 15 56 32.3 -1.1

ARU Aru 54.31 318 P 15 56 32.3 -1.1

ARU Aru 54.31 318 P 15 56 32.3 -1.1

ARU Aru 54.31 318 P 15 56 32.3 -1.1

ARU Aru 54.31 318 P 15 56 32.3 -1.1

ARU Aru 54.31 318 P 15 56 32.3 -1.1

ARU Aru 54.31 318 P 15 56 32.3 -1.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Arr, etc.

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

BRTR Keskin Arr B. 77.56 321 P 15 59 03.5 +0.1

ASAR Alice Springs 78.96 205 P 15 59 13.3 +8.3

UCR 23 15:50:17.0; 1.4, 10.76N; 83.69W, h12km, 7km, MD3.7, ML3.5, 2D, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRT1 Tortuquero, HOC Heredia, etc.

DDA 23 15:55:00.8; 37.31N; 42.68E, h5km, M12.7

ISK 23 15:55:01.1; 37.31N; 42.54E, h5km, ML2.5/4

ISC 23 15:55:01.0; 1.6, 37.30N; 0.07; 42.66E; 0.04, h1km, n11km, n14, r1501/24, Turkey

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

ISC 23 16:00:47.3; 12.0, 4.04N; 124.22E, h309km, 130km, mb3.1/5, mb1 3.2/5, mb1mx2.9/40, mbtm3.8/5, Error ellipse: s-maj=93.4km s-min=22.0km az=61.0, Celebes Sea

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

ISC 23 16:09:11.6; 15.0, 19.41S; 178.36W, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/22, mbtm3.6/3, Error ellipse: s-maj=371.0km s-min=42.0km az=37.0, Fiji Islands region

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

ISCJBJ 23 16:12:00.6; 0.5, 71.31N; 0.04; 101.1W; 0.1, h10km, Error ellipse: s-maj=5.7km s-min=3.8km az=142.1

BER 23 16:12:06.4; 2.5, 71.33N; 9.11W, h16km, 14km, ML3.4, ML3.5(NAO)

NAO 23 16:12:06.0; 4.5, 71.40N; 9.02W, h9km, 42km, ML3.5

REV 23 16:12:06.2; 70.63N; 8.50W, h10km

ISC 23 16:12:03.1; 0.9, 71.32N; 0.05; 9.69W; 0.06, h10km, n31, r130/39, 2C-1D, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMW Jan Mayen, JMJC Jan Mayen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include PET, KDRTR, ASAK, KRRM, SDLR, SMAR, AVH, KRER, KOK, KRX, PETK, PETK, APC, GNL, PAU, MAJ, H1N2, H1N1, H1S1, H1S3, SPITS, MKAR, ARCES, CMAR, FINES, NOA, HFS, AKASG, MLR, BRTR, ASAR.

MAN 23 19:10:55.4, 14.04N:120.46E, h117km, mb3.7, ML2.5, MS2.0, IC, Luzon. Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res.

RSPR 23 19:18:17.3, 19.16N:64.75W, h46km, 8km, MD3.5/9. NEIC 23 19:18:17.3, 0.0, 19.16N:64.75W, h46km, MD3.5(RSPR). After RSPR. ISC 23 19:18:18.6, 2.0, 19.14N:0.08, 64.76W, 0.09, h42km, 59km, n52, c0549/78, 27C-14D, Virgin Islands. Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include CBYP, HUMP, AOPR, GBPR, IDE, SDV, AZER, TEH, IDC, THR, NNC, ISC, IHR, ITBZ, IBST, ORD, IASHB, IMRD, IAZR, IAZR, IAZR, IAZR, ISRB, ISRB, GRMI, GRMI, GRMI, NAX, LRK, LRK, SBZ, GLBA, GLBA, ASTR, LKRN, LKRN, MAKU, MAKU, MAKU, BRDA, BRDA, HYR, HYR, SAAT, SAAT.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include SAAT, YOYA, ZRD, ZRD, CLDR, CLDR, GANJ, GANJ, ZANJ, ZANJ, GNI, GNI, KDMR, KDMR, ALIB, ALIB, GDB, GDB, GDB, HAKT, TASH, VMUR, VMUR, VANG, VANG, DYDN, DYDN, IML, IML, IML, QBL, QBL, GBS, GBS, GEVA, GEVA, PQL, PQL, OZQ, OZQ, SEKA, SEKA, XNQ, XNQ, DDFL, DDFL, AGRB, AGRB, SIZA, SIZA, SIZA, AKT, AKT, DGRG, DGRG, DGRG, DGRG, ZKTA, ZKTA, ZKTA, QUBA, QUBA, EAK, EAK, QSAR, QSAR, ILIN, ILIN, IGZV, IGZV, IGZV, IGZV, SIRT, SIRT, HKZM, HKZM, HKZM, HKZM, KZRT, KZRT, QABG, QABG, QABG, QABG, KARS, KARS, GURO, GURO, TBLG, TBLG, TBLG, TBLG, QALM, QALM, QALM, QALM, BGD, BGD, IVIS, IVIS, IVIS, IVIS, AKH, AKH, AKH, IRAZ, IRAZ, IBAZ, IBAZ, SENK, SENK, DUS, DUS, DUS, DUS, HAGD, HAGD, HAGD, HAGD, VRTB, VRTB, IMHD, IMHD, MTP, MTP, MTP, MTP, MTP, MTP, CBYP, CBYP.

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HSAM, GUDG, ASAO, LACH, GROCC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURBB, KURK, KBA, GERES, KHC, FINES, MKAR, MOTA, FETA, DAVOX, NOA, ARCES, TORD, CMAR, AZER, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DGRG, ZKTA, ZKTA, QUBA, QABA, QAKA, QAKA, QAKA, etc.

23d 21h

Table with 4 columns: IDE, Isla Desecho, 2.92 2531 eP, Pn, 19 45 28.4 -0.7

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

UCR 23 20:10:31.01.1.5, 1013N-86.13W, h18km, 10km, MD4.2, ML2.7, Off coast of Costa Rica

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

MAN 23 20:33:43.6, 15:48N-119:38E, h26km, mb4.7, ML3.6, MS3.5, 1C, Luzon

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

ISCJCB 23 20:35:49.6:0.6, 45.65N:0.03:26.55E:0.04, h147km, 5km, Error ellipse: s-maj=5.2km s-min=4.3km az=43.0

BU 23 20:35:49.3:0.3, 45.64N:26.48E, h158km, 2km, MD3.7/3, Error ellipse: s-maj=2.4km s-min=2.0km az=108.0

ISC 23 20:35:49.1:1.5, 45.65N:0.03:26.52E:0.04, h156km, 8km, n72, r0564/96, 36C-26D, Romania

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

2012 SEP

Table with 4 columns: TLB Topalu, 1.52 134, Pn, 20 36 19.6 +0.4

NNC 23 20:38:58.1:2.3, 40.78N:71.23E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=19.9km s-min=10.7km az=56.0

SOME 23 20:38:59.2, 40:85N:71:47E, h5km, KRNET 23 20:39:01.1:0.1, 40.82N:71.54E, h23km, mb3.1

ISC 23 20:38:59.1:2, 40:86N:0:03:71:39E:0:03, h9km, 10km, n33, r2555/59, 24C-12D, Tajikistan

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

1286

Table with 4 columns: MNBS, 8.4nm, 0.5s, eS, Sg, 20 42 10.7 -5.1

IDC 23 20:51:45.5:12.0, 2:51S-101:77E, h147km, 116km, mb3.4/7, mb1 3.5/7, mb1mx3.2/30, mbtmp3.8/7, Error ellipse: s-maj=75.3km s-min=14.9km az=56.0, Southern Sumatera

UCR 23 21:35:02.2:1.4, 10:09N:86:13W, h16km, 6km, MD3.7, ML3.3, mb4.3(NEIC)

IDC 23 21:35:03.5:0.9, 11:04N:85:52W, h0km, mb4.1/8, Mb1 4.3/10, mb1mx4.0/33, mbtmp4.1/10, ML3.7/2, MS3.3/8, Ms1 3.3/8, ms1mx3.0/34, Error ellipse: s-maj=34.3km s-min=12.4km az=50.0

ISCJCB 23 21:35:04.3:0.6, 10:23N:0:05:86:04W:0:04, h46km, 3km, mb4.3/55, MS3.3/5, Error ellipse: s-maj=9.1km s-min=4.5km az=28.8

NEIC 23 21:35:05.4:1.0, 10:19N:85:89W, h44km, 7km, mb4.3/53, Error ellipse: s-maj=12.8km s-min=8.2km az=198.0

ISC 23 21:35:03.7:0.6, 10:14N:0:05:85:96W:0:04, h34km, 2km, SR1 1.84/1233, mb4.3/55, MS3.3/5, Costa Rica

Table with 4 columns: Code, Station Name, Az, Phase ID, Time Res

GOGA	Godfrey	baz=176,SNR=6.0	23.28	5	eP	P	21 40 09.6	+1.2
GOGA	Godfrey	comp=Z,11nm,0.8s	23.28	5	P	P	21 40 09.0	+0.6
Y49A	Blount Mountai	baz=182,SNR=7.1	23.61	359	eP	P	21 40 12.7	+1.0
Y49A	Blount Mountai	comp=Z,14nm,1.0s	23.61	359	P	P	21 40 12.3	+0.6
Y50A	Piedmont	baz=179	23.64	0	P	P	21 40 12.6	+0.6
Y51A	Rockmart	baz=182,SNR=12	23.66	2	P	P	21 40 13.0	+0.8
Y52A	Liburn	comp=Z,7.0nm,0.6s	23.68	4	P	P	21 40 12.9	+0.6
Y52A	Liburn	baz=184,SNR=5.3	23.69	357	P	P	21 40 13.0	+0.6
Y48A	Jasper	baz=177,SNR=7.7	23.71	5	P	P	21 40 13.2	+0.6
Y53A	Monroe	baz=186,SNR=12	23.72	356	P	P	21 40 13.4	+0.8
Y47A	UCPARC, Winfie	baz=175,SNR=7.1	23.78	354	P	P	21 40 13.2	-0.1
Y46A	Houston	baz=173	23.80	7	P	P	21 40 14.1	+0.6
Y54A	Tignal	baz=188,SNR=9.1	24.21	1	P	P	21 40 17.1	-0.3
X50B	Fort Payne	baz=181,SNR=5.2	24.22	358	eP	P	21 40 17.7	+0.3
X48A	Hartselle	comp=Z,5.4nm,0.7s	24.22	358	P	P	21 40 17.2	-0.2
X48A	Hartselle	baz=177	24.22	359	P	P	21 40 17.6	-0.1
X49A	Woodville	baz=179,SNR=8.1	24.33	356	P	P	21 40 18.7	+0.3
X47A	Russellville	baz=175,SNR=9.9	24.34	2	eP	P	21 40 16.8	-1.6
X51A	Calhoun	comp=Z,16nm,0.9s	24.34	2	P	P	21 40 18.6	+0.1
X51A	Calhoun	baz=182	24.37	5	P	P	21 40 19.6	+0.8
X53A	Estanolee	baz=186	24.41	9	eP	P	21 40 20.3	+1.2
JSC	Jenkinsville	comp=Z,17nm,0.6s	24.43	4	P	P	21 40 19.3	+0.1
X52A	Dahlonega	baz=185,SNR=5.2	24.81	356	eP	P	21 40 22.8	+0.1
PLAL	Pickwick Lake	comp=Z,5.6nm,0.8s	24.86	8	eP	P	21 40 23.5	+0.3
PAULI	Pauline	comp=Z,21nm,0.8s	24.87	359	P	P	21 40 23.4	+0.1
W49A	Belvidere	baz=179,SNR=7.1	24.89	6	eP	P	21 40 24.7	+1.2
BG3	Lake Joacasse	comp=Z,15nm,0.8s	24.90	358	P	P	21 40 24.0	+0.4
W48A	Pulaski	baz=178,SNR=9.6	24.93	2	P	P	21 40 24.3	+0.5
W51A	Cleveland	baz=183,SNR=7.1	24.95	1	eP	P	21 40 24.4	+0.3
W50A	Signal Mountai	comp=Z,10.0nm,0.9s	24.95	1	P	P	21 40 24.4	+0.3
W50A	Signal Mountai	baz=181,SNR=6.3	24.96	0	eP	P	21 40 24.4	+0.2
SWET	Sewanee	comp=Z,8.4nm,0.7s	25.04	357	P	P	21 40 24.8	0.0
W47A	Westpoint	baz=176,SNR=11	25.05	5	P	P	21 40 25.5	+0.5
W53A	Cullowhee	baz=186	25.23	3	eP	P	21 40 27.4	+0.9
CPCT	Cooper Cave	comp=Z,6.1nm,0.7s	25.25	9	eP	P	21 40 26.6	-0.1
KMSC	Kings Mountain	comp=Z,16nm,0.8s	25.25	9	P	P	21 40 27.9	+1.2
KMSC	Kings Mountain	baz=191,SNR=6.3	25.27	345	eP	P	21 40 26.7	-0.2
MIAR	Mount Ida	comp=Z,8.1nm,1.0s	25.27	345	P	P	21 40 27.8	+0.8
MIAR	Mount Ida	baz=162,SNR=6.9	25.28	322	eP	P	21 40 28.6	+1.3
TX31	Lajitas Ar. Si	comp=Z,12nm,0.8s	25.38	344	P	P	21 40 28.8	+0.6
X39A	Fountain Ranch	baz=161	25.43	2	P	P	21 40 28.5	+0.1
V50A	Pikeville	baz=182	25.48	4	eP	P	21 40 29.1	+0.2
TKL	Tuckaleechee C	comp=Z,3.4nm,0.5s,ba	25.48	4	eP	P	21 40 29.4	+0.6
TKL	Tuckaleechee C	baz=170	25.48	4	eP	P	21 40 29.4	+0.6
V48A	Smith Brothers	comp=Z,6.8nm,0.8s	25.50	358	eP	P	21 40 29.1	+0.2
V48A	Smith Brothers	comp=Z,5.3nm,0.9s	25.50	358	P	P	21 40 29.2	+0.2
V49A	Smith Brothers	baz=178	25.51	0	P	P	21 40 29.4	+0.3
V48A	McMinnville	baz=180,SNR=6.0	25.57	348	eP	P	21 40 29.6	0.0
W41B	Gary Mavity, V	comp=Z,6.3nm,0.9s	25.57	348	P	P	21 40 30.1	+0.5
W41B	Gary Mavity, V	baz=165	25.58	6	P	P	21 40 30.7	+0.9
V53A	Saluda	comp=Z,15nm,0.8s	25.58	6	P	P	21 40 30.4	+0.6
V53A	Saluda	baz=187	25.59	3	P	P	21 40 30.6	+0.7
V51A	Loudon	comp=Z,9.9nm,0.7s	25.59	3	P	P	21 40 30.2	+0.4
V51A	Loudon	baz=184	25.61	357	P	P	21 40 29.4	-0.6
V47A	Nunnely	baz=176	25.68	4	eP	P	21 40 31.2	+0.6
V52A	Sevierville	comp=Z,8.7nm,0.9s	25.68	4	P	P	21 40 30.6	0.0
V52A	Sevierville	baz=185	25.70	333	eP	P	21 40 32.4	+1.6
ABTX	Abilene, Hawle	comp=Z,10nm,1.0s	25.70	333	P	P	21 40 31.2	+0.3
ABTX	Abilene, Hawle	baz=147	25.77	347	eP	P	21 40 29.5	-1.9
W40A	Ferguson Farm,	comp=Z,5.6nm,0.8s	25.93	357	eP	P	21 40 30.8	-2.1
WWT	Waverly	comp=Z,2.6nm,0.6s	25.93	357	P	P	21 40 32.7	-0.1
WVT	Waverly	baz=176	25.95	345	eP	P	21 40 32.8	-0.3
W39A	Magazine	comp=Z,6.5nm,1.0s	26.15	349	P	P	21 40 35.1	+0.2
V41A	Mountainview	baz=186	26.18	2	P	P	21 40 35.1	-0.1
U50A	Jamestown	baz=182,SNR=6.4	26.18	4	P	P	21 40 35.2	0.0
U51A	La Follette	baz=184	26.21	358	P	P	21 40 34.9	-0.6
U47A	Clarksville	baz=177	26.24	5	P	P	21 40 39.2	+3.5
U52A	Thorn Hill	baz=186	26.26	0	P	P	21 40 35.6	+0.3
U49A	Red Boiling Sp	baz=180	26.29	6	P	P	21 40 36.5	+0.3
U53A	Fall Branch	comp=Z,6nm,0.6s	26.30	347	P	P	21 40 36.7	+0.4
V40A	Witts Springs	baz=164	26.38	4	eP	P	21 40 37.1	+0.1
TZTN	Tazewell	comp=Z,5.3nm,0.9s	26.52	346	P	P	21 40 38.8	+0.5
V39A	Pettigrew	baz=183	26.52	350	P	P	21 40 38.1	-0.2
U42A	Revdend	baz=168	26.75	358	eP	P	21 40 40.3	0.0
T47A	Sharon Grove	comp=Z,6.3nm,0.8s	26.75	358	P	P	21 40 40.2	-0.3
T47A	Sharon Grove	baz=177	26.77	4	P	P	21 40 41.2	+0.1
T51A	Gray	baz=184	26.84	348	P	P	21 40 40.9	-0.2
U40A	Yellville	baz=165	26.84	357	P	P	21 40 41.7	+0.5
T46A	Princeton	baz=164	26.85	1	eP	P	21 40 41.3	+0.1
T49A	Edmonton	comp=Z,5.9nm,0.9s	26.85	1	P	P	21 40 41.3	+0.1
T49A	Edmonton	baz=181	27.03	304	LR	LR	21 52 45.8	
LP1G	La Paz	comp=Z,7.2nm,1.8,1s,ba	27.15	336	eP	P	21 40 45.9	+1.9
WMOK	Wichita Mounta	comp=Z,5.8nm,1.0s	27.15	336	P	P	21 40 45.5	+1.6
WMOK	Wichita Mounta	baz=151	27.17	351	P	P	21 40 43.8	-0.3

T41A	Mountain View	27.30 350	P	P	21 40 45.4	+0.2		
S50A	Richmond	baz=167	27.46	3	P	P	21 40 46.8	+0.1
SS1A	Beaverville	baz=183	27.46	4	eP	P	21 40 47.0	+0.3
SS1A	Beaverville	comp=Z,9.6nm,0.7s	27.46	4	P	P	21 40 46.8	+0.1
SS2A	Walpersville	baz=185,SNR=5.3	27.55	5	P	P	21 40 47.7	+0.2
WCI	Wyandotte Cave	27.97 359	eP	P	21 40 51.3	+0.1		
WCI	Wyandotte Cave	comp=Z,8.7nm,0.9s	27.97 359	P	P	21 40 50.9	-0.3	
PTGA	Pitinga	baz=179	28.03 111	P	P	21 40 55.7	+3.7	
PTGA	Pitinga	comp=Z,1.2nm,0.3s,ba	28.03 111	P	P	21 52 45.0		
PTGA	Pitinga	baz=193	28.03 111	eP	P	21 40 55.9	+3.9	
R47A	Wooly Knot Far	comp=Z,4.1nm,0.9s	28.04 359	P	P	21 40 51.3	-0.6	
R50A	Paris	baz=179	28.06	3	P	P	21 40 52.0	-0.1
R51A	Hillsboro	baz=183	28.12	4	P	P	21 40 52.4	-0.2
Q47A	Bedord North L	baz=185,SNR=6.7	28.68 359	P	P	21 40 57.4	-0.1	
Q45A	Warren Harvey,	baz=179	28.67 356	P	P	21 40 57.2	-0.5	
Q49A	Aurora	baz=175	28.76	2	P	P	21 40 57.6	-0.7
Q51A	Peebles	comp=Z,2.2nm,0.6s	28.86	4	eP	P	21 40 59.6	+0.5
Q51A	Peebles	baz=185,SNR=9.7	28.86	4	P	P	21 40 59.1	0.0
Q52A	Bedwell	baz=187	28.89	6	P	P	21 40 59.1	-0.3
P48A	Milroy	baz=181	29.20	1	P	P	21 41 01.5	-0.7
P53A	Whipple	comp=Z,12nm,0.6s	29.51	7	eP	P	21 41 03.2	-1.7
P53A	Whipple	baz=189	29.51	7	eP	P	21 41 11.4	-3.3
P53A	Whipple	comp=Z,11nm,0.8s	29.51	7	eP	P	21 41 05.3	+0.4
P52A	Whipple	baz=188,SNR=5.8	29.57	6	P	P	21 41 05.7	+0.2
O50A	Cable	baz=184	29.96	4	P	P	21 41 08.7	-0.2
O51A	Patakata	baz=186	30.04	5	P	P	21 41 09.5	0.0
O52A	Adamsville	comp=Z,11nm,0.7s	30.08	6	eP	P	21 41 09.7	-0.2
O52A	Adamsville	baz=179	30.08	6	P	P	21 41 09.6	-0.3
ACSO	Alum Creek Sta	baz=186	30.09	5	P	P	21 41 10.1	+0.1
N49A	Columbus Grove	30.70	3	P	P	21 41 15.3	-0.1	
N39A	Derby Farms, D	baz=167	31.16 350	P	P	21 41 19.0	-0.4	
SSPA	Standing Stone	baz=195	31.21 12	P	P	21 41 20.2	+0.3	
L42A	Polo	baz=173	31.91 355	P	P	21 41 25.4	-0.6	
SDCO	Great Sand Dun	comp=Z,13.3nm,0.8s	32.63 331	eP	P	21 41 34.8	+2.0	
SDCO	Great Sand Dun	baz=142	32.63 331	P	P	21 41 36.9	+0.3	
BINY	Binghamton	comp=Z,12nm,0.8s	33.12 14	P	P	21 41 36.5	-0.1	
BINY	Binghamton	baz=193	33.12 14	P	P	21 41 36.0	-1.3	
K37A	Belmond	baz=166,SNR=6.7	33.19 350	P	P	21 41 42.4	-1.4	
I39A	Houston	comp=Z,7.6nm,0.6s	33.84 352	P	P	21 41 49.8	-1.8	
H38A	Maiden Rock	baz=169	34.84 353	P	P	21 41 50.6	-2.3	
SADO	Sadova	comp=Z,7.3nm,0.7s,ba	35.00 8	P	P	21 41 50.6	-2.3	
SADO	Sadova	comp=Z,9.0nm,0.8s	35.00 8	eP	P	21 41 54.3	-1.2	
G39A	Holcombe	baz=171	35.31 354	P	P	21 41 58.8	-0.5	
LONY	Lakonia	comp=Z,3.2nm,0.8s	37.43 14	P	P	21 42 22.7	-0.2	
PD31	Pinedale Array	38.49 332	eP	P	21 42 22.7	-0.2		
PDAR	Pinedale Array	comp=Z,0.7nm,0.7s,ba	38.49 332	P	P	21 42 21.1	-2.3	
RCWM	Renegade Canyo	comp=Z,130,slow=9.9	38.55 317	eP	P	21 42 37.8	+0.3	
RCWM	Renegade Canyo	baz=193	38.55 317	eP	P	21 42 37.8	+0.3	
R11A	Troy Canyon, C	comp=Z,1.8nm,0.8s	38.65 322	P	P	21 42 37.8	+0.3	
REDW	Red Top Meadow	baz=129	39.55 331	eP	P	21 42 32.3	+0.4	
NV11	Mina Array Sit	comp=Z,0.3nm,1.0s	40.30 320	eP	P	21 42 41.3	+3.2	
NV01	Mina Array Sit	comp=Z,0.3nm,1.0s	40.40 320	eP	P	21 42 41.6	+2.7	
NV01	Mina Array Sit	baz=165	40.40 320	eP	P	21 42 41.8	+5.1	
NVAR	Mina Array Bea	comp=Z,2.5nm,0.8s,ba	40.40 320	P	P	21 42 41.2	+2.2	
NVAR	Mina Array Bea	baz=134,slow=7.6,SNR=16	40.40 320	P	P	21 44 46.8	+5.1	
KVN	Kaisersville	comp=Z,0.5nm,0.7s,ba	40.63 320	eP	P	21 42 43.4	+2.6	
WAKR	Walker	comp=Z,3.9nm,1.0s	41.17 319	eP	P	21 42 48.5	+3.2	
HLID	Hailey	comp=Z,3.0nm,1.0s	41.47 328	eP	P	21 42 49.9	+2.3	
BOZ	Bozeman W	comp=Z,3.0nm,1.0s	41.62 333	P	P	21 42 49.2	+0.4	
WVOR	Wild Horse Val	comp=Z,3.9nm,0.9s	43.02 324	eP	P	21 43 01.2	+1.0	
LGPM	Granite Peak	44.68 320	eP	P	21 43 16.4	+2.8		
YBH	Yreka							

23d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, h, s, Time, Res, ISC. Includes stations like DAV Davao City (W), SJU Sorong, CMAR Chiang Mai Arr, etc.

UCR 23:23:38:36.4:2.2, 8:17N-82.91W, h20km, 5km, MD4.2, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, h, s, Time, Res, ISC. Includes stations like BUS Buena Vista, QCR1 Quepos, HDC Heredia, etc.

BJU 23:23:42:24.9, 11:73N:143:49E, h12km, mb5.0/54, mb5.2/60, Ms5.0/74, Ms7.4/89.6
IDC 23:23:42:25.2, 0.4, 11:75N:143:36E, h0km, mb5.0/35, mb1.5/39, mb1mx5.0/45, mbtmp5.0/39, ML4.5/4, MS4.8/35, Ms1.4/8.35, ms1mx4.7/44, Error ellipse: s-maj=13.6km s-min=8.7km az=78.0
ISCBJ 23:23:42:26.0, 0.1, 11:71N:143:25E, h10km, mb5.3/357, MS5.0/412, Error ellipse: s-maj=2.8km s-min=2.4km az=153.2
MOS 23:23:42:27.0, 1.1, 11:74N:143:21E, h21km, mb5.6/77, MS4.9/35, Error ellipse: s-maj=7.3km s-min=4.7km az=102.4
NEIC 23:23:42:27.1, 1.6, 11:71N:143:25E, h9km, 10km, mb5.5/247, MS5.1/295, Error ellipse: s-maj=3.3km s-min=2.6km az=90.0
GCMT 23:23:42:30.1, 0.1, 11:53N:01:143:24E, 01, h12km, MW5.3/113, Moment Tensor Solution. s91,c153; s113,c232; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mw:0.92±0.1; Mb: -1.03±0.1; Ms:0.1±0.1; Mo:0.37±0.03; Mo: -0.20±0.1; Mo: -0.39±0.04; Best double couple: Mo:1.13400x1017 NP1:0.10300000°, s58.00000°, 1.118.00000°. NP2:0.238.00000°, s41.00000°, s54.00000°. Principal axes: T: 1.1560, P: 65.0000°, Azm64.0000°; N: -0.0450, P: 23.0000°, Azm267.0000°; P: -1.1110, P: 9.0000°, Azm173.0000°. nstata refers to body waves, cutoff=40s. nstata refers to surface waves, cutoff=50s. Triangular moment-rate function.
DJA 23:23:42:33.9, 0.5, 12°N, 143°E, h51km, 5km, Ms3.5/55, mb5.3/55, mb5.7/25, MLV5.1/1, Mw(mb)5.3/25
ISC 23:23:42:28.5, 0.7, 11:73N:143:42E, 0.04, h19km, 2km, n950, s176/738, mb5.4/358, MS5.1/415, 25C-12D, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, h, s, Time, Res, ISC. Includes stations like GUMO Guam, ANA Anatahan, SARN Sarigan, MANU Manus Island, etc.

2012 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, h, s, Time, Res, ISC. Includes stations like TWG Pinlang, YULB Yu-li, MRSI Marisa, LUWI Luwuk, etc.

1290

Table with columns: Code, Station Name, Az, Az', Phase ID, h, s, Time, Res, ISC. Includes stations like CTAO Charters Tower, SBUM Sibiu, ASAJ Asahikawa, etc.

MDJ		sP	pP	23 49 26.3 +1.9	
MDJ		PP	PP	23 50 39.4 +1.8	
MDJ		S	S	23 54 54.3 +5.7	
MDJ		sS	sS	23 55 03.5 +5.2	
MDJ	comp=Z,20nm,1.2s	pmax	pmax		
MDJ	comp=Z,190nm,8.6s	LR	LR		
MDJ	comp=Z,2um,17.5s	LR	LR		
MDJ	comp=Z,980nm,16.3s	LR	LR		
MDJ	comp=Z,2um,20.7s	LR	LR		
MDJ	Mudanjiang	34.86 343	PFAKE	LR	23 49 30.0 +1.2
YSS	comp=Z,2um,21.0s	PFAKE	LR	23 49 30.0 +9.4	
YSS	Yuzh-Sakhalins	35.12 359	eP	P	23 49 19.3 -1.3
YSS	comp=Z,900nm,19.0s	eS	S	23 50 35.3	
YSS	Yuzh-Sakhalins	35.12 359	eP	P	23 54 57.9 +5.5
YSS	comp=N,600nm,17.0s	smax	smax	23 59 45.1	
YSS	comp=Z,1um,15.7s	MLR	MLR		
YSS	comp=E,800nm,15.9s	MLR	MLR		
BLJI	Banyuglugur	35.41 238	P	P	23 49 28.2 +4.7
AS01	Alice Springs	36.37 195	eP	P	23 49 30.8 -0.9
AS31	Alice Springs	36.38 195	eP	P	23 49 31.3 -0.5
ASAR	Alice Springs	36.38 195	P	P	23 49 31.0 -0.8
ASAR	comp=E,12nm,1.1s,baz=22,slow=12,SNR=51	PP	PP	23 50 57.1 +2.3	
ASAR	comp=E,3.1nm,1.0s,baz=14,slow=14,SNR=4.2	PcP	PcP	23 51 57.6 +1.5	
ASAR	comp=E,3um,18.6s,baz=14,slow=37	LR	LR	00 04 42.9	
ENH	Enshi	36.46 306	PFAKE	LR	23 49 40.0 +7.6
ENH	Enshi	36.46 306	LR	LR	
NGJI	Ngawi	37.01 241	P	P	23 49 44.7 +7.5
PWJI	Pagerwojo	37.06 239	P	P	23 49 37.6 0.0
BJT	Baijituau	37.06 324	eP	P	23 49 36.6 -0.7
BJT	Baijituau	37.06 324	eP	P	23 49 36.6 -0.7
BJT	comp=Z,21nm,0.6s	pmax	pmax		
BJT	comp=Z,3um,18.0s	MLR	MLR		
BJI	Beijing	37.07 324	P	P	23 49 36.8 -0.6
BJI	Beijing	37.07 324	PP	PP	23 51 02.1 0.0
BJI	Beijing	37.07 324	S	S	23 55 22.0 -0.5
BJI	comp=Z,21nm,0.6s	pmax	pmax		
BJI	comp=Z,330nm,6.1s	LR	LR		
BJI	comp=Z,2um,17.8s	LR	LR		
BJI	comp=Z,1um,20.0s	LR	LR		
BJI	comp=Z,2um,17.7s	LR	LR		
GYA	Guiyang	37.54 298	P	P	23 49 42.1 +0.3
GYA	Guiyang	37.54 298	PP	PP	23 51 11.0 +2.6
GYA	Guiyang	37.54 298	S	S	23 55 31.4 +1.1
GYA	Guiyang	37.54 298	ScP	ScP	23 55 48.3 +2.0
GYA	Guiyang	37.54 298	ScSn	ScSn	23 58 03.6 -5.2
GYA	comp=Z,30nm,0.8s	pmax	pmax		
GYA	comp=Z,180nm,5.6s	LR	LR		
GYA	comp=Z,610nm,19.5s	LR	LR		
GYA	comp=Z,980nm,20.1s	LR	LR		
GYA	comp=Z,1um,20.7s	LR	LR		
EIDS	Eidsvold	37.62 169	eP	P	23 49 41.0 -1.1
EIDS	comp=Z,48nm,1.2s	LR	LR		
PCJI	Pacitan	37.68 240	P	P	23 49 44.8 +1.9
PCJI	comp=Z,126nm,1.5s	P	P	23 49 44.8 +1.9	
TIY	Taiyuan	37.92 318	eP	P	23 49 44.6 -0.2
TIY	Taiyuan	37.92 318	S	S	23 55 38.1 +2.5
TIY	Taiyuan	37.92 318	ScS	ScS	23 59 53.8 -2.8
TIY	comp=Z,370nm,5.8s	pmax	pmax		
TIY	comp=Z,620nm,12.0s	LR	LR		
TIY	comp=Z,330nm,9.7s	LR	LR		
TIY	comp=Z,850nm,19.5s	LR	LR		
UGM	Wanagama	38.09 241	P	P	23 49 51.9 +5.5
UGM	Wanagama	38.09 241	eP	P	23 49 46.4 0.0
UGM	comp=Z,1um,1.8s	P	P	23 49 50.8 +2.2	
XAN	Tanjungpandan	38.35 250	P	P	23 49 49.1 -0.4
XAN	Xi'an	38.48 311	P	P	23 49 56.6 -1.3
XAN	Xi'an	38.48 311	P	P	23 55 42.0 -2.2
XAN	comp=Z,8.0nm,0.8s	LR	LR		
XAN	comp=Z,660nm,12.7s	LR	LR		
XAN	comp=Z,1um,18.4s	LR	LR		
XAN	comp=Z,1um,20.9s	LR	LR		
KLR	Kul'dur	38.62 348	iP	P	23 49 50.1 -0.3
KPJ	Karang Pucung	39.18 243	P	P	23 49 54.8 +2.9
GRNR	Gorny	39.35 353	eP	P	23 49 51.4 -5.1
GRNR	Gorny	39.35 353	e	P	23 51 54.0
GRNR	comp=Z,42nm,1.0s	pmax	pmax		
NONG	Nongkai	39.36 284	P	P	23 49 58.9 +1.8
NONG	comp=Z,0.5nm,1.5s,comp=Z,109nm	P	P	23 50 03.1 -0.3	
LEM	Lembang	40.09 244	P	P	23 50 03.1 -0.3
MBWA	Marble Bar	40.12 216	eP	P	23 50 03.0 -0.2
MBWA	comp=Z,41nm,1.2s	LR	LR		
HHC	Hu-ho-hao-te	40.30 322	eP	P	23 50 04.4 -0.3
HHC	Hu-ho-hao-te	40.30 322	P	P	23 51 45.0 +3.7
HHC	Hu-ho-hao-te	40.30 322	S	S	23 56 12.8 +1.3
HHC	Hu-ho-hao-te	40.30 322	sS	sS	23 56 24.1 +2.7
HHC	comp=Z,32nm,1.0s	pmax	pmax		
HHC	comp=Z,300nm,4.8s	LR	LR		
HHC	comp=Z,980nm,14.7s	LR	LR		
SRAK	Srakaw	40.36 278	P	P	23 50 03.4 -2.0
SRAK	comp=Z,40nm,0.7s	P	P	23 50 06.4 +0.7	
CHAI	Chaiyaphum	40.40 281	P	P	23 50 04.0 -2.2
CHAI	comp=Z,24nm,0.9s,comp=Z,167nm	P	P	23 50 07.0 +0.7	
MYKM	Kota Tinggi	40.45 259	P	P	23 50 04.0 -2.2
MYKM	Mont Dzumac	40.48 146	eP	P	23 50 07.0 +0.7
DZM	Mont Dzumac	40.48 146	eP	P	23 50 06.7 +0.4
DZM	comp=Z,73nm,1.0s,baz=330,slow=6.3,SNR=34	eS	S	23 56 14.2 -0.2	
DZM	comp=Z,596nm,28.9s	eLR	LR	00 01 09.0	
DZM	comp=Z,3um,31.9s	eP	P	23 50 06.7 +0.4	
DZM	comp=Z,71nm,1.0s	LR	LR		
KMI	Kunming	40.66 295	P	P	23 50 08.0 0.0
KMI	Kunming	40.66 295	PP	PP	23 51 11.3 -2.7
KMI	Kunming	40.66 295	PnPn	PnPn	23 51 44.8 -1.1

KMI		S	S	23 56 18.1 +0.6	
KMI		S	pmax		
KMI	comp=Z,7.0nm,0.5s	pmax	pmax		
KMI	comp=Z,250nm,6.5s	LR	LR		
KMI	comp=Z,290nm,13.0s	LR	LR		
KMI	comp=Z,890nm,16.9s	LR	LR		
FUNA	Funafuti	40.88 118	PFAKE	LR	23 50 20.0 +1.0
FUNA	comp=Z,8um,20.0s	LR	LR		
NAYO	Nakanyok	41.05 278	P	P	23 50 13.5 +2.4
NAYO	comp=Z,0.7nm,1.6s	eP	P	23 50 11.8 +0.4	
BTO	Batou	41.11 320	eP	P	23 50 12.3 -0.7
CD2	Chengdu	41.30 304	iP	P	23 50 22.3 +0.9
CD2	Chengdu	41.30 304	PP	PP	23 51 47.0 -0.7
CD2	Chengdu	41.30 304	S	S	23 56 24.0 -2.5
CD2	Chengdu	41.30 304	sS	sS	23 56 41.3 +4.9
CD2	Chengdu	41.30 304	SS	SS	23 59 29.1 -1.2
CD2	comp=Z,40nm,0.6s	pmax	pmax		
CD2	comp=Z,410nm,6.4s	LR	LR		
CD2	comp=Z,1um,15.4s	LR	LR		
CD2	comp=Z,940nm,19.4s	LR	LR		
CD2	comp=Z,1um,20.4s	LR	LR		
NKL	Nikolayevsk	41.38 358	eP	pmax	23 50 12.0 -1.2
NKL	Nikolayevsk	41.38 358	pmax	pmax	
NKL	comp=Z,130nm,1.5s	pmax	pmax		
PBKT	Sadao Pong	41.38 282	eP	P	23 50 14.8 +1.0
PBKT	Sadao Pong	41.38 282	eP	P	23 50 14.9 +1.1
PBKT	comp=Z,38nm,1.1s	P	P	23 50 16.2 -0.3	
CGJI	Cibinone	41.71 246	P	P	23 50 12.9 -3.9
CGJI	comp=Z,77nm,1.1s	P	P	23 50 18.7 +1.4	
KLJ	Kotabumi	41.74 249	P	P	23 50 12.9 -3.9
UTTA	Utatarid	41.81 284	P	P	23 50 18.7 +1.4
PHRA	Phrae	42.15 285	P	P	23 50 21.9 +1.8
PHRA	comp=Z,7.6nm,0.9s,comp=Z,56nm	P	P	23 50 21.9 +1.8	
MDSI	Maura Dua	42.22 250	P	P	23 50 20.8 +0.2
MDSI	comp=Z,2.7nm,1.2s	P	P	23 50 20.8 +0.2	
HIA	Hailar	42.26 337	PFAKE	LR	23 50 30.0 +9.4
HIA	Hailar	42.26 337	LR	LR	
HIA	Hailar	42.26 337	iP	P	23 50 20.4 -0.2
HIA	Hailar	42.26 337	pmax	pmax	
PAYA	Payao	42.54 286	P	P	23 50 25.9 +2.6
PAYA	comp=Z,9.0nm,1.1s,comp=Z,442nm	P	P	23 50 25.9 +2.6	
LHSI	Lahat	42.57 251	P	P	23 50 25.0 +1.4
LHSI	comp=Z,68nm,1.8s,comp=Z,4um	eP	P	23 50 24.6 +0.7	
ARMA	Armidale	42.64 170	eP	P	23 50 24.6 +0.7
LAMP	Lampang	42.72 285	P	P	23 50 28.1 +3.4
LAMP	comp=Z,9.7nm,1.0s	P	P	23 50 24.0 -0.9	
KULM	Kulim	42.74 265	P	P	23 50 29.4 +4.4
PHET	Kaeng Krachan	42.76 276	P	P	23 50 29.4 +4.4
PHET	comp=Z,12nm,1.1s,comp=Z,147nm	P	P	23 50 40.0 +1.5	
PEA0B	Petropavlovsk	42.84 13	PFAKE	LR	23 50 40.0 +1.5
PEA0B	Petropavlovsk	42.84 13	LR	LR	
PETK	Petropavlovsk	42.84 13	LR	LR	00 06 23.0
PETK	comp=Z,2um,21.7s,baz=195,slow=34	P	P	23 50 25.4 +0.2	
PETK	Petropavlovsk	42.84 13	eP	P	23 50 25.4 +0.2
UTHA	Utahai	42.84 280	P	P	23 50 27.6 +1.8
UTHA	comp=Z,17nm,1.0s,comp=Z,162nm	P	P	23 50 27.6 +1.8	
PET	Petropavlovsk	42.97 13	PFAKE	LR	23 50 40.0 +1.4
PET	Petropavlovsk	42.97 13	LR	LR	
PET	Petropavlovsk	42.97 13	P	P	23 50 26.1 -0.1
PET	Petropavlovsk	42.97 13	eS	S	23 56 48.0 -2.4
PET	Petropavlovsk	42.97 13	eSS	SS	23 59 52.9 -1.0
PET	Petropavlovsk	42.97 13	pmax	pmax	
LZH	Lanzhou	43.12 311	eP	P	23 50 27.5 -0.4
LZH	Lanzhou	43.12 311	pP	P	23 50 31.6 -2.4
LZH	Lanzhou	43.12 311	sP	S	23 50 33.9 -2.4
LZH	Lanzhou	43.12 311	PP	PP	23 52 10.5 +2.3
LZH	Lanzhou	43.12 311	eS	S	23 56 52.8 -0.7
LZH	Lanzhou	43.12 311	sS	sS	23 57 01.1 -2.3
LZH	comp=Z,34nm,1.3s	pmax	pmax		
LZH	comp=Z,220nm,4.3s	pmax	pmax		
LZH	comp=Z,1um,12.7s	LR	LR		
LZH	comp=Z,2um,17.6s	LR	LR		
LZH	comp=Z,3um,19.0s	LR	LR		
SRDT	SRDT	43.18 278	P	P	23 50 30.9 +2.4
SRDT	comp=Z,40nm,1.3s,comp=Z,1um	P	P	23 50 33.6 +4.7	
TRTT	Trang	43.23 269	P	P	23 50 30.5 +0.6
TRTT	comp=Z,17nm,1.5s,comp=Z,414nm	P	P	23 50 30.7 +0.6	
CM01	Chiang Mai Arr	43.35 284	eP	P	23 50 30.8 +0.7
CM31	Chiang Mai Arr	43.37 284	P	P	23 50 30.8 +0.7
CMAR	Chiang Mai Arr	43.37 284	P	P	00 06 01.2
CMAR	comp=Z,10nm,0.8s,baz=86,slow=6.5,SNR=31	LR	LR		
CHTO	Chiang Mai	43.39 285	eP	P	23 50 29.6 -0.6
CHTO	comp=Z,852nm,20.1s,baz=90,slow=36	P	P	23 50 28.6 -1.2	
STKA	Stephens Creek	43.39 182	P	P	00 08 30.3
STKA	comp=Z,13nm,1.4s	LR	LR		
STKA	comp=Z,13nm,1.0s,baz=349,slow=10,SNR=8.5	LR	LR		
STKA	comp=Z,266nm,20.0s,baz=357,slow=36	P	P	23 50 29.0 -0.9	
STKA	Stephens Creek	43.39 182	eP	P	23 50 34.3 +4.0
STKA	comp=Z,5.0nm,1.1s	P	P	23 50 33.4 +2.1	
UMPA	Umpang Tak	43.40 281	P	P	23 50 31.7 +0.2
UMPA	comp=Z,13nm,1.0s,comp=Z,3um	P	P	23 50 33.4 +1.8	
MASI	Maura Aman, Be	43.52 253	P	P	23 50 32.6 -0.7
MASI	comp=Z,122nm,1.2s,comp=Z,3um	eP	P	23 53 00.5	
BKNI	Bangkinan	43.56 258	eP	P	
BKNI	comp=Z,187nm,1.3s	P	P		
SDSI	Sungai Dareh	43.56 256	P	P	
SDSI	comp=Z,36nm,1.2s,comp=Z,3um	eP	P		
ZEA	Zeya	43.84 346	eP	PPP	
ZEA	Zeya	43.84 346	ePPP	PPP	
ZEA	Zeya	43.84 346	pmax	pmax	
ZEA	comp=N,73nm,1.6s	pmax	pmax		
ZEA	comp=Z,91nm,1.6s	pmax	pmax		
ZEA	comp=Z,200nm,6.0s	MLR	MLR		
ZEA	comp=Z,2um,19.0s	MLR	MLR		
ZEA	comp=Z,2um,16.0s	MLR	MLR		
ZEA	comp=E,500nm,16.0s	MLR	MLR		
PDSI	Padang	44.48 257	P	P	23 50 39.9 +0.9
PDSI	comp=E,35nm,1.1s,comp=E,6um	eP	P	23 50 41.0 +0.2	
FORT	Forrest	44.76 199	eP	P	
FORT	comp=E,154nm,1.0s	LR	LR		
FORT	comp=Z,4um,19.0s	LR	LR		
MNSI	Mandaling Nat	44.8			

23d 23h

AIN	comp=Z,4um,18.0s	LR	LR		
MLH	Mauna Loa comp=Z,263nm,1.4s	59.20 74 eP	P	23 52 29.8 +0.7	
MLH	Mauna Loa	59.20 74 eP	P	23 52 29.8 +0.7	
MLH	Black Stump Fm comp=Z,43nm,1.0s	59.27 150 eP	P	23 52 29.4 +0.5	
BKZ	comp=Z,600nm,20.0s	LR	LR		
HATHI	Halema'uma'u T HATHI	59.32 74 PFAKE	LR	23 52 40.0 +1.0	
DGZ	Jazzator, Alta	59.38 321 i/P	P	23 52 30.1 +0.3	
DGZ	comp=Z,14nm,1.8s	LR	LR		
STCH	Steam Cracks	59.45 74 PFAKE	LR	23 52 40.0 +9.4	
STCH	comp=Z,4um,19.0s	LR	LR		
THZ	Tophouse	59.75 155 eP	P	23 52 33.2 +1.0	
SNZO	South Karori	60.15 153 PFAKE	LR	23 52 50.0 +1.5	
SNZO	comp=Z,1um,19.0s	LR	LR		
BFZ	Birch Farm	60.35 152 eP	P	23 52 37.0 +0.8	
BFZ	comp=Z,84nm,1.2s	LR	LR		
TIXI	Tiksi	60.54 355 PFAKE	LR	23 52 50.0 +1.3	
TIXI	comp=Z,500nm,18.0s	LR	LR		
TIXI	Tiksi	60.54 355 eP	P	23 52 35.8 -1.3	
KHZ	Kahutara	60.55 155 eP	P	23 52 37.7 +0.2	
KHZ	comp=Z,78nm,1.4s	LR	LR		
RPZ	Rata Peaks	60.65 157 eP	P	23 52 38.3 0.0	
RPZ	comp=Z,99nm,1.1s,baz=343,slow=7.2,SNR=13	60.65 157 eP	P	23 52 38.6 +0.4	
RPZ	Rata Peaks	60.70 156 eP	P	23 52 38.2 -0.4	
OXZ	Oxford	60.70 156 eP	P	23 52 38.2 -0.4	
OXZ	comp=Z,46nm,0.9s	LR	LR		
GAMB	Gambell	60.71 21 PFAKE	LR	23 52 50.0 +1.2	
GAMB	comp=Z,2um,21.0s	LR	LR		
DCZ	Deep Cove	60.83 161 eP	P	23 52 40.4 +1.0	
DCZ	comp=Z,89nm,1.3s	LR	LR		
LBZ	Lake Benmore	60.91 158 eP	P	23 52 40.2 +0.3	
LBZ	comp=Z,76nm,1.3s	LR	LR		
MLZ	Mavora Lakes	61.05 160 eP	P	23 52 40.8 -0.1	
MLZ	comp=Z,54nm,1.1s	LR	LR		
CR LZ	Canterbury Las	61.14 156 eP	P	23 52 43.0 +1.5	
CR LZ	comp=Z,107nm,1.2s	LR	LR		
MQZ	McQueen's Vall	61.27 156 eP	P	23 52 43.6 +1.3	
MQZ	comp=Z,51nm,1.0s	LR	LR		
WHZ	Wether Hill Ro	61.46 161 eP	P	23 52 44.0 +0.3	
WHZ	comp=Z,89nm,1.1s	LR	LR		
SDPT	Sand Point	61.47 33 eP	P	23 52 44.8 +1.1	
SDPT	comp=Z,90nm,1.1s	LR	LR		
MDRS	Chennai	61.57 279 eP	P	23 52 43.4 -1.7	
MDRS	Otahua Downs	61.64 158 eP	P	23 52 45.7 +0.8	
MDRS	comp=Z,64nm,1.6s	LR	LR		
MK01	Makanchi Array	61.85 317 eP	P	23 52 46.0 -0.4	
MK01	comp=Z,61nm,1.4s	LR	LR		
MK31	Makanchi Array	61.86 317 eP	P	23 52 46.5 0.0	
MK31	comp=Z,61nm,1.4s	LR	LR		
MK31	Makanchi Array	61.86 317 eP	P	23 52 46.5 0.0	
MK31	comp=Z,61nm,1.4s	LR	LR		
MKAR	Makanchi Array	61.86 317 eP	P	23 52 46.5 0.0	
MKAR	comp=Z,5.7nm,0.7s,baz=91,slow=8.7,SNR=34	61.86 317 eP	P	23 52 46.5 0.0	
MKAR	comp=Z,362nm,19.0s,baz=94,slow=37	61.86 317 eP	P	23 52 46.5 0.0	
MKAR	Makanchi Array	61.86 317 eP	P	23 52 46.5 0.0	
MKAR	comp=Z,89nm,1.0s	LR	LR		
MKAR	Makanchi Array	61.86 317 eP	P	23 52 46.5 0.0	
MKAR	comp=Z,89nm,1.0s	LR	LR		
PALK	Pallekele	61.91 272 eP	P	23 52 46.6 -0.9	
PALK	comp=Z,67nm,1.4s	LR	LR		
MAKZ	Makanchi	62.07 317 eP	P	23 52 48.1 +0.1	
MAKZ	comp=Z,30nm,1.0s	LR	LR		
MAKZ	comp=Z,700nm,18.0s	LR	LR		
MAKZ	Makanchi	62.07 317 eP	P	23 52 48.1 +0.1	
MAKZ	comp=Z,30nm,1.0s	LR	LR		
MAKZ	comp=Z,700nm,18.0s	LR	LR		
ZAAO	Zalesovo Array	62.32 325 eP	P	23 52 47.9 -1.5	
ZAAO	comp=Z,15nm,0.9s	LR	LR		
ZALV	Zalesovo Beam	62.32 325 P	P	23 52 48.8 -0.7	
ZALV	comp=Z,6.7nm,0.5s,baz=119,slow=7.2,SNR=30	62.32 325 P	P	23 52 48.8 -0.7	
ZALV	comp=Z,824nm,19.5s,baz=80,slow=38	62.79 284 i/P	P	23 52 53.0 -0.3	
ZALV	Hyderabad	62.79 284 eP	P	23 52 53.0 +0.6	
ZALV	Hyderabad	62.79 284 eP	P	23 52 53.0 +0.6	
ZALV	comp=Z,24nm,1.0s	LR	LR		
DDI	Dehra Dun	62.97 298 eP	P	23 52 54.1 -0.2	
DDI	comp=Z,24nm,1.0s	LR	LR		
PDGK	Podgornoye	63.12 313 i/P	P	23 52 53.9 -1.3	
PDGK	comp=Z,18nm,1.1s	LR	LR		
ANM	Nome	63.45 22 PFAKE	LR	23 53 10.0 +1.3	
ANM	comp=Z,1um,22.0s	LR	LR		
NVS	Novosibirsk	63.49 326 eS	P	23 52 57.2 0.0	
NVS	comp=Z,41nm,1.9s	LR	LR		
NVS	comp=Z,77nm,1.9s	LR	LR		
NVS	comp=Z,7.0nm,0.8s	LR	LR		
NVS	comp=Z,22nm,2.0s	LR	LR		
BHPL	Bhopal	63.53 290 eP	P	23 52 57.1 -1.0	
BHPL	comp=Z,28nm,1.1s	LR	LR		
SMLA	Simia	63.76 299 eP	P	23 52 58.9 -0.5	
PRZ	Przheval'sk	63.78 312 PFAKE	LR	23 53 10.0 +1.0	
PRZ	comp=Z,700nm,19.0s	LR	LR		
DHRM	DHARAMSHALA	64.54 300 eP	P	23 53 03.9 -1.0	
DHRM	comp=Z,35nm,1.2s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.3 -0.6	
KURK	comp=Z,1um,19.0s	LR	LR		
KURK	Kurchatov	65.10 321 eP	P	23 53 07.6 -0.3	
KURK	comp=Z,76nm,1.0s	LR	LR		

Table with columns for call sign, frequency, power, and other technical details. Includes stations like YKWB Yellowknife Ar, YKA Yellowknife Ar, YKB Yellowknife Ar, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like VRH comp=Z,20nm,0.7s, BMO Blue Mountains, BMO comp=Z,700nm,20.0s, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like MWC comp=Z,800nm,20.0s, HLID Hailey, HLID comp=Z,26nm,1.1s, etc.

23d 23h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Teton Pass, Lake, Greywolf, Cedar City, etc.

2012 SEP

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like RWWY, PV18, PV11, PV03, etc.

1294

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ECSD, MUX, MORC, etc.

24d Oh

Table with columns: SFK, Sufi-Kurgan, 58.61 314, P, P, 00 37 52.2 -0.3, etc. Lists various stations and their parameters.

2012 SEP

Table with columns: ILAR, comp=Z,0.3nm,0.6s,baz=138,slow=2.0,SNR=4.6, etc. Lists various stations and their parameters.

1298

Table with columns: LIT, Litokhoron, 97.13 311, eP, P, 00 41 24.5 -2.7, etc. Lists various stations and their parameters.

Table with columns: Q# (e.g., Q48A), Name (e.g., North Vernon), Time, Az, El, P, PKP/Pdf, and other parameters. Includes various astronomical observations like North Vernon, Wwooly Knot Far, Princeton, etc.

Table with columns: LP/AZ, Name (e.g., La Paz, Brasilia), Time, Az, El, P, PKP/Pdf, and other parameters. Includes various astronomical observations like La Paz, Brasilia, Samuel, etc.

Table with columns: H10S1, H10S2, LIC, TIC, DBIC, KIC, TOR, TORP, LP/AZ, etc. Includes various astronomical observations like ASCENSION HYDRI 4.39 131 T, etc.

24d 1h

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various radio stations.

2012 SEP

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various radio stations.

1300

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various radio stations.

24d 2h

Table of station data for 24d 2h, including columns for station name, coordinates, and various parameters like elevation and signal strength.

2012 SEP

Main table of station data for 2012 SEP, listing station names, coordinates, and detailed signal parameters.

1302

Table of station data for 1302, including station names, coordinates, and signal parameters.

24d 4h

comp=2.4,8nm,0.8s,baz=242,slow=3.9,SNR=15
LPAZ La Paz 164.24 114 PKP PKPdf 03 06 14.9 +0.7

SIV San Ignacio 170.127 PKP PKPdf 03 06 18.0 +0.1

SJA 24 02:50:03.3:1.0,35:165:70.72W,h33km,ML4.0,MW3.5
ISCJB 24 02:50:04.1:0.4,35:155:01.04:70.91W,0.07,h113km,4km,

NEIC 24 02:50:04.0:0.0,35:06S:71.18W,h118km,mb4.2/2,
ML4.6(GUC),After GUC.

NEIC Felt [IV] at Pelarco; [III] at Chépica, Chimbarongo, Lolol,
Malina, Paredones, Fichilemu, Rio Claro, Romeral, San

GUC 24 02:50:04.8:0.5,35:06S:71.18W,h119km,4km,ML4.6
IDC 24 02:50:04.1:3.0,35:08S:70.99W,h99km,26km,mb3.8/8,

ISC 24 02:50:04.8:0.5,35:14S:70.05W,h105km,8km,
n43.0,956/54,mb3.9/9,1C-5D,Chile-Argentina border

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Hualaeb, Las Melosas, Antumapu, Penalolen, Chillan.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Calan, Farellones, Peldehue, Antumapu, Penalolen.

2012 SEP

G003 Copiapo 1.08 32 i P Pn 03 02 06.2 0.0

G004 Tololo Observa 1.89 175 eP Pn 03 02 06.1 -0.1

VCA Vinchina 2.50 101 eP Pn 03 02 15.2 +0.9

AGUA GUANDACOL 2.51 119 eP Pn 03 02 15.3 +0.9

ACCO Cerro Coronel 2.85 144 eP Pn 03 02 20.8 +1.5

MKG31 Makanchi Array 2.47 347 i P Pn 03 02 06.2 0.0

MAK2 Makanchi 2.54 343 i P Pn 03 02 06.2 0.0

MAK3 Makanchi 1.3nm,0.5s,baz=163,slow=26,SNR=12

KAPS Kapalarasan 2.80 290 eP Pn 03 02 06.1 -0.1

PDGK Podgornoye 2.80 249 i P Pn 03 02 28.3 -0.6

SHLS Shalkode 2.90 246 eP Pn 03 02 27.8 +0.3

SHLS Choyya 4.58 93 eP Pn 03 02 41.1 -1.7

ISCJB 24 03:03:40.3:0.3,20:23S:01.03:69:07W,0.06,h108km,4km,

NEIC 24 03:03:40.0:0.0,20:22S:69:19W,h99km,mb4.2/3,

ISC 24 03:03:40.2:0.6,20:29S:01.04:69:10W,0.07,h102km,6km,

Code Station Name Delta Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB01, PB02.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB07, PB03.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB04, PB04.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB04, PB04.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB04, PB04.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB04, PB04.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB04, PB04.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB04, PB04.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB04, PB04.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB04, PB04.

1304

MKG31 Makanchi Array 2.47 347 i P Pn 03 02 06.2 0.0

MAK2 Makanchi 2.54 343 i P Pn 03 02 06.2 0.0

MAK3 Makanchi 1.3nm,0.5s,baz=163,slow=26,SNR=12

KAPS Kapalarasan 2.80 290 eP Pn 03 02 06.1 -0.1

PDGK Podgornoye 2.80 249 i P Pn 03 02 28.3 -0.6

SHLS Shalkode 2.90 246 eP Pn 03 02 27.8 +0.3

SHLS Choyya 4.58 93 eP Pn 03 02 41.1 -1.7

MEX 24 03:33:13.3:0.4,14:01N:91:05W,h10km,MD3.8,

Code Station Name Delta Azimuth Phase ID Time Res

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

IDC 24 03:51:27.6:902.0,3172N-131.30E,h0km, Error ellipse:
s-maj=341.3km s-min=162.0km az=44.0,Kyushu

Code Station Name Delta Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ISUMI INFRASON, ISSURYSK INFR.

NIED 24 04:11:00.33:60N,135:20E,h38km,Mw3.8 Best double
couple: M6.17000x1014 NP1:9x214.00000; 861.00000,

IDC 24 04:11:24.3:1.1,33:43N-135:21E,h0km,mb3.4/4,

JMA 24 04:11:28.9,33:55N:135:17E,h43km,1km,M3.9

Code Station Name Delta Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Minabe, Wakayamakushim, Aioi.

JWKM Wakayamakushim 0.52 93 P Pn 04 11 37.7 +0.3

JWKM Wakayamakushim 0.52 93 P Pn 04 11 39.6 +0.7

JWKM Wakayamakushim 0.52 93 P Pn 04 11 41.6 +1.0

JWKM Wakayamakushim 0.52 93 P Pn 04 11 43.2 +1.5

JWKM Wakayamakushim 0.52 93 P Pn 04 11 45.2 +0.4

JWKM Wakayamakushim 0.52 93 P Pn 04 11 47.3 +0.7

24d 10h

Table with columns: PBKT, Sadao Pong, 15.13, 7 ePn, P, 10 18 10.0 -0.2, etc. Lists various stations and their coordinates.

ISCJB 24 10:31:20.5:1.6, 21.26S, 0.02:174.26W:0.02, h3km, 9km, m5.6/349, MS5.4/189, Error ellipse: s-maj=4.7km s-min=2.8km az=145.6

2012 SEP

az=83.3 GCMT 24 10:31:27.3:0.1, 21.47S, 0.01:173.64W:0.01, h13km, MW5.5/132, Moment Tensor Solution, s99.c183, s132.c309; Duration: 1s3 Moment tensor: Scale 10^17 Nm; Mr:1.45e+02; Mw:0.20e+02; Mo: -1.25e+02; Mo:0.59e+04; Mo:0.61e+01; Mo:0.97e+04; Best double couple: M1.8710000e+17 NP1.2920000e+08 d64.00000e+07, 7.94.00000e+07. NP2.2000000e+08 d27.00000e+07, 1.82.00000e+07. Principal axes: T 1.8370, Plg17.0000e+07, Azm308.0000e+07, N 0.0680, Plg4.0000e+07, Azm207.0000e+07, P -1.9050, Plg19.0000e+07, Azm11.0000e+07. nsta2 refers to body waves, cutoff=40s. nsta1 refers to surface/midle waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, etc. Lists station names like NIUE, AFI, AFI, AFI, etc.

1310

Table with columns: RPZ, Rate Peaks, 25.51 205, P, P, 10 36 51.2 0.0, etc. Lists stations like RPZ, RPZ, RPZ, etc.

24d 10h

QZH	comp=Z,610nm,5.1s	LR	LR		
QZH	comp=Z,580nm,19.9s	LR	LR		
QZH	comp=Z,660nm,20.8s	LR	LR		
K04D	Chiloquin, OR baz=229,SNR=9.4	79.86	36	P	10 43 31.8 +0.2
KSRS	Korea Array comp=Z,37nm,1.1s,baz=139,slow=5.9,SNR=78	79.88	317	P	10 43 33.1 +1.5
KSRS	comp=Z,494nm,20.1s,baz=116,slow=3.3	79.89	317	eP	11 15 25.5
KS15	Wonju Array S1	79.89	317	eP	10 43 33.0 +1.2
KS01	Wonju Array S1	79.91	317	eP	10 43 32.5 +0.7
KASI	Kota Agung	79.94	268	P	10 43 31.0 -1.6
Y14A	Wickenburg	80.03	48	eP	10 43 32.9 +0.2
SHPR	Sheep Range comp=Z,32nm,1.2s	80.05	45	eP	10 43 33.6 +0.7
J04D	Umpqua Nationa baz=228,SNR=28	80.07	36	P	10 43 32.9 0.0
W13A	Hualapai Mount comp=Z,24nm,1.3s	80.08	46	eP	10 43 33.9 +0.7
MOD	Modoc Plateau comp=Z,81nm,1.0s	80.21	38	eP	10 43 33.7 +0.1
I04A	Tendick Farm, baz=229,SNR=15	80.28	35	P	10 43 33.5 -0.3
K05A	Summer Lake comp=Z,173nm,1.1s	80.41	37	eP	10 43 35.4 +0.7
LWLI	Liwa	80.53	268	P	10 43 35.5 -0.4
J05D	Fort Rock, OR baz=229,SNR=93	80.56	36	P	10 43 36.1 +0.6
H04D	Lebanon baz=228,SNR=13	80.59	35	P	10 43 35.9 +0.6
PMBI	Palembang	80.60	271	P	10 43 37.1 +1.0
MDSI	Maura Dua	80.61	269	P	10 43 35.0 -1.2
TUC	Tucson comp=Z,53nm,1.4s	80.70	50	eP	10 43 36.8 +0.5
TUC	comp=Z,4um,19.0s			LR	LR
TUC	comp=Z,53nm,1.4s			pmx	pmx
TUC	comp=Z,4um,19.0s			MLR	MLR
TUC	comp=Z,4um,19.0s	80.70	50	P	10 43 36.6 +0.2
INCN	Inchon comp=Z,71nm,1.0s	80.72	316	eP	10 43 36.8 +0.6
INCN	comp=Z,782nm,20.0s			LR	LR
GO09	Cerro Castillo comp=Z,154nm,1.6s	80.75	141	eP	10 43 37.5 +1.2
G03D	McMinville, O baz=227,SNR=5	80.78	34	P	10 43 37.0 +0.7
KDAD	Kodiak Island comp=Z,269nm,1.6s	80.82	12	eP	10 43 37.1 +0.9
KDAD	comp=Z,1um,22.0s			LR	LR
KDAD	comp=Z,1um,22.0s			pmx	pmx
KDAD	comp=Z,269nm,1.6s			MLR	MLR
R11A	Troy Canyon, C comp=Z,49nm,1.4s	80.86	43	eP	10 43 37.6 +0.5
R11A	Troy Canyon, C baz=224,SNR=35	80.86	43	P	10 43 37.7 +0.5
H04A	Trois Lake comp=Z,96nm,1.2s	80.99	35	P	10 43 37.5 -0.1
PINE	Pine Mountain comp=Z,147nm,1.0s	81.08	36	eP	10 43 38.9 +0.7
MSHR	Mys Shuba	81.08	322	iP	10 43 39.3 +1.3
BMN	Battle Mountai comp=Z,124nm,1.5s	81.09	40	eP	10 43 39.0 +0.7
BMN	Battle Mountai comp=Z,124nm,1.5s	81.09	40	eP	10 43 39.0 +0.7
I05D	Terrebonne, OR baz=229,SNR=32	81.22	35	P	10 43 39.3 +0.5
TYV	Tymovskoe	81.27	334	eP	10 43 39.0 +0.2
TYV	comp=Z,42nm,1.1s			eS	10 53 46.5 -2.5
TYV	comp=Z,600nm,3.2s			pmx	pmx
TYV	comp=Z,42nm,1.1s			smx	smx
319A	Douglas comp=E,300nm,4.8s	81.30	52	eP	10 43 40.4 +0.7
X16A	Lo Mia Camp, P comp=E,45nm,1.3s	81.38	48	eP	10 43 40.7 +0.7
LHSI	Lahat	81.45	269	P	10 43 40.3 -0.3
WVOR	Wild Horse Val comp=E,86nm,1.1s	81.50	38	eP	10 43 40.6 +0.2
WVOR	comp=Z,2um,19.0s			LR	LR
WVOR	comp=Z,2um,19.0s	81.50	38	eP	10 43 40.6 +0.2
WVOR	comp=Z,86nm,1.1s			pmx	pmx
WVOR	comp=Z,2um,19.0s			MLR	MLR
F04D	Rainier, OR baz=227	81.51	33	P	10 43 41.0 +0.8
E03A	Lebam comp=Z,106nm,1.1s	81.54	33	eP	10 43 41.4 +1.1
LCMT	Little Creek M comp=Z,77nm,1.5s	81.60	45	eP	10 43 41.1 0.0
DSRI	Dabo	81.66	273	P	10 43 42.6 +0.8
USA0B	Ussuriysk Arra comp=Z,137nm,1.6s	81.66	324	eP	10 43 42.2 +1.1
USRK	Ussuriysk Ar. comp=Z,22nm,1.1s,baz=115,slow=3.1,SNR=24	81.66	324	P	10 43 41.7 +0.7
USRK	comp=Z,2um,20.8s,baz=124,slow=3.1			LR	11 15 54.7
CCUT	Cedar City comp=Z,77nm,1.5s	81.82	45	eP	10 43 43.6 +1.2
HPIG	comp=Z,25nm,1.3s	81.83	57	eP	10 43 42.9 +0.4
G05D	Wamic, OR baz=229,SNR=17	81.83	35	P	10 43 42.3 +0.4
KNB	Kanab	81.88	45	eP	10 43 43.3 +0.7
KNB	Kanab	81.88	45	eP	10 43 43.3 +0.7
KNB	comp=Z,149nm,1.6s			pmx	pmx
U15A	North Rim comp=Z,91nm,1.4s	81.90	46	eP	10 43 43.7 +0.8
NLWA	Neilton Lookou comp=Z,85nm,1.3s	81.97	32	eP	10 43 43.8 +1.1
NLWA	comp=Z,3um,20.0s			LR	LR
MAW	Maws comp=Z,14nm,1.0s,baz=123,slow=6.2,SNR=25	82.00	199	P	10 43 43.8 +1.2
MAW	comp=Z,2um,18.8s,baz=108,slow=3.5			LR	11 18 53.5
MAW	comp=Z,2um,18.8s,baz=108,slow=3.5	82.00	199	P	10 43 43.8 +1.2
MAW	comp=Z,6.0nm,1.0s	82.00	199	eP	10 43 43.7 +1.2
WUAZ	Wupatki comp=Z,52nm,1.4s	82.02	47	eP	10 43 45.5 +2.1
WUAZ	comp=Z,698nm,20.0s			LR	LR
WUAZ	Wupatki baz=237	82.02	47	P	10 43 43.6 +0.3
SZCU	Shurtz Canyon comp=Z,110nm,1.6s	82.03	45	eP	10 43 44.5 +1.1
E04D	Cinebar baz=228,SNR=29	82.05	33	P	10 43 43.7 +0.7
I07A	Izee comp=Z,57nm,1.1s	82.06	36	eP	10 43 44.2 +0.9
PSUT	Pine Spring comp=Z,38nm,1.4s	82.07	43	eP	10 43 44.4 +0.8
CHRN	Cochrane comp=Z,39nm,1.3s	82.14	138	eP	10 43 44.8 +1.0
J08A	Circle Bar Ran comp=Z,114nm,1.3s	82.17	37	eP	10 43 44.2 +0.3
F05D	White Salmon baz=228	82.18	34	P	10 43 44.0 +0.2
G06A	Carlson Farm, comp=Z,118nm,1.2s	82.19	35	eP	10 43 43.9 0.0
TPRI	Tanjung Pinang Lakeway	82.22	274	P	10 43 44.7 0.0
D04D	Lakebay baz=227,SNR=7.6	82.37	33	P	10 43 46.0 +1.4
ZAIG	Zacatecas comp=Z,35nm,1.8s	82.39	62	eP	10 43 47.0 +1.2

2012 SEP

PKCU	Pink Cliffs comp=Z,282nm,1.6s	82.45	45	eP	P	10 43 47.3 +1.5
D03D	Eldon	82.45	32	P	P	10 43 45.8 +0.7
X18A	baz=227,SNR=21	82.47	49	eP	P	10 43 47.2 +1.4
SNOW	Snowflake comp=Z,42nm,1.4s	82.47	49	eP	P	10 43 47.2 +1.4
LONG	Longmire	82.57	33	eP	P	10 43 45.9 0.0
LONG	Longmire comp=Z,58nm,1.1s	82.57	33	eP	P	10 43 45.9 0.0
LONG	Longmire comp=Z,58nm,1.1s	82.57	33	eP	pmx	pmx
CNPM	China Poot comp=Z,191nm,1.3s	82.70	12	eP	P	10 43 47.2 +1.0
D05A	Wunju Array S1 comp=Z,344nm,1.3s	82.77	33	eP	P	10 43 48.1 +1.3
MASI	Maura Aman, B	82.89	269	P	P	10 43 47.6 -0.7
W18A	Petrified Fore comp=Z,112nm,1.8s	82.94	48	eP	P	10 43 49.5 +1.3
W18A	Petrified Fore baz=238	82.94	48	eP	P	10 43 48.7 +0.5
121A	Cookes Peak, D baz=239	82.98	51	P	P	10 43 48.9 +0.4
F07A	Phinny Hill Vj comp=Z,90nm,1.2s	82.99	35	eP	P	10 43 48.8 +0.9
PGC	Sidney comp=Z,108nm,1.1s	83.04	31	eP	P	10 43 48.6 +0.5
G08A	Pilot Rock comp=Z,128nm,1.1s	83.12	36	eP	P	10 43 49.0 +0.2
MSU	Marysvalle	83.14	44	eP	P	10 43 50.2 +1.0
MSU	Marysvalle	83.14	44	eP	P	10 43 50.2 +1.0
NJ2	Nanjing	83.16	308	eP	P	10 43 50.3 +1.2
NJ2	comp=Z,61nm,1.0s			pmx	pmx	
GZH	Guangzhou	83.23	298	P	P	10 43 50.3 +0.6
GZH	comp=Z,790nm,3.0s			S	S	
GZH	comp=Z,790nm,3.0s			pmx	pmx	
MDJ	Mudanjiang	83.25	323	P	P	10 43 46.5 -2.8
MDJ	comp=Z,120nm,1.0s			PP	PP	
MDJ	comp=Z,1um,20.7s			S	S	
MDJ	comp=Z,1um,19.9s			pmx	pmx	
MDJ	comp=Z,1um,19.9s			LR	LR	
MDJ	comp=Z,3um,19.9s			LR	LR	
MDJ	Mudanjiang comp=Z,122nm,1.1s	83.25	323	eP	P	10 43 50.8 +1.4
MDJ	comp=Z,2um,20.0s			LR	LR	
B05A	Bryant	83.44	32	P	P	10 43 50.8 +0.6
A04D	Lummi Island baz=227,SNR=46	83.45	31	P	P	10 43 50.9 +0.7
E07A	Sunnyside comp=Z,148nm,1.0s	83.46	34	eP	P	10 43 51.1 +0.7
SVW2	Sparrowhe comp=Z,36nm,1.2s	83.47	9	eP	P	10 43 50.4 +0.3
HAWA	Hanford comp=Z,139nm,1.2s	83.52	35	eP	P	10 43 51.2 +0.5
HAWA	comp=Z,5um,20.0s			LR	LR	
TLIG	Tiapa comp=Z,64nm,1.5s	83.53	68	eP	P	10 43 52.3 +0.7
EPT	El Paso comp=Z,56nm,1.5s	83.54	52	eP	P	10 43 51.9 +0.6
DUG	Dugway, Tooele comp=Z,46nm,1.4s	83.68	43	eP	P	10 43 52.2 +0.4
DUG	comp=Z,1um,19.0s			LR	LR	
DUG	Dugway, Tooele baz=227,SNR=11	83.68	43	P	P	10 43 51.8 -0.1
BMO	Blue Mountains comp=Z,78nm,1.2s	83.76	37	eP	P	10 43 52.0 -0.1
BMO	Blue Mountains comp=Z,78nm,1.2s	83.76	37	eP	P	10 43 52.0 -0.1
BMO	comp=Z,78nm,1.2s			MLR	MLR	
RGRI	Rabbit Creek A comp=Z,2um,20.0s	83.80	272	P	P	10 43 54.8 +1.9
NKL	Nikolayevsk	83.80	335	eP	P	10 43 51.0 -0.9
NKL	comp=Z,43nm,1.0s			e		
NKL	comp=Z,43nm,1.0s			pmx	pmx	
NKL	comp=Z,1um,11.0s			pmx	pmx	
C06D	Leavenworth baz=229,SNR=11	83.81	33	P	P	10 43 52.1 -0.1
E08A	Dider Farm, El comp=Z,97nm,1.1s	83.84	35	eP	P	10 43 53.1 +0.8
GRNR	Gornyy comp=N,42nm,1.0s	83.89	331	eP	P	10 43 53.0 +0.5
GRNR	comp=N,42nm,1.0s			pmx	pmx	
B06A	Marblemount comp=Z,100nm,1.0s	83.91	32	eP	P	10 43 53.2 +0.6
BGU	Big Grassy Mou comp=Z,63nm,1.0s	83.96	42	eP	P	10 43 54.1 +0.8
NLU	North Lily Min comp=Z,64nm,1.1s	84.01	43	eP	P	10 43 55.7 +2.1
PAYG	Puerto Ayora comp=Z,3um,19.0s	84.07	38	PFAKE	LR	10 44 10.0 +1.6
TMUT	Trail Mountain, comp=Z,151nm,1.4s	84.20	44	eP	P	10 43 55.6 +0.9
D08A	Wollman Farm, comp=Z,108nm,1.0s	84.27	34	eP	P	10 43 54.9 +0.4
M07P	Maple Canyon comp=Z,49nm,1.3s	84.33	43	eP	P	10 43 56.9 +1.7
E09A	Wood Farm, Sta comp=Z,101nm,1.1s	84.34	35	eP	P	10 43 54.8 -0.1
MNTX	Cornudas Mount comp=Z,45nm,1.4s	84.34	53	eP	P	10 43 55.5 +0.3
MNTX	comp=Z,2um,20.0s			LR	LR	
MNTX	Cornudas Mount baz=241	84.34	53	P	P	10 43 55.3 0.0
Y22D	IRIS PASCALL comp=Z,84nm,1.1s	84.39	50	eP	P	10 43 57.6 +1.9
Y22D	IRIS PASCALL baz=240	84.39	50	P	P	10 43 56.3 +0.7
LENM	Lemitar	84.39	50	eP	P	10 43 56.8 +1.1
LAZ	Ladron	84.39	50	eP	P	10

24d 10h

2012 SEP

1314

Table with multiple columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CMAR, CMMT, CHTO, CHTO, BGNE, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like GUM0, KRSR, H1N1, H1N2, H1N3, H1S1, H1S2, KLR, SEY, WRA, ASAR, KDKA, GEYT, YKA, ARCES, FINES, NVAR, PLCA, LPAZ.

ISCJB 24 11:28:57.0±0.5, 401°64N:03°39'92E±0.03, h10km±5km, Error ellipse: s-maj=5.4km s-min=3.0km az=167.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like BAYT, MACK, MACK, KTUT, KELIT, KELIT, CHOM, CHOM, ESPY, ESPY, SUSE, SUSE, DBAD, DBAD, DDEM, DDEM, BCA, DAGI, DAGI, ARTV, ARTV.

ISCJB 24 11:34:21.8±0.5, 37°83N:03°36'24E±0.03, h2km±7km, Error ellipse: s-maj=5.2km s-min=4.1km az=20.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SAIM, SAIM, ANDN, ANDN, KOZT, KOZT, KMRS, KMRS, YAHY, YAHY, ELBS, ELBS, GAZ, GAZ, GULE, GULE, AKCD, AKCD, TAHT, TAHT, CUKAN, CUKAN.

MAN 24 11:35:25.9, 15°48N:122°97E, h56km, mb4.5, ML3.4, MS3.3

ISCJB 24 11:35:26.0±0.7, 15°50N:03°123'04E±0.07, h53km±14km, mb3.3, Error ellipse: s-maj=10.7km s-min=4.7km az=166.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like BALP, BALP, PALP, PALP, GOP, GOP, PCPH, PCPH, CAUP, CAUP, PVCP, PVCP, APYP, APYP, ABRA, ABRA, OTRP, OTRP, WRA, WRA, ASAR, ASAR, H1S3, H1S3, H1S1, H1S1.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations H1S2, H1N1, H1N2, H1N3, MKAR.

IDC 24 12:46:00.2±10.0, 37°05N:71°42E, h77km±87km, mb3.4/4, mb1 3.4/9, mb1mx3.2/51, mbtmp3.6/9, ML3.2/5, Error ellipse: s-maj=80.0km s-min=29.6km az=32.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations SFK, MNAS, MNAS, AAK, AAK, KK31, KK31, TKM2, TKM2, MKAR, MKAR, PYUN, PYUN, DANN, DANN, KOLN, KOLN, GKN, GKN, KURB, KURB, AB31, AB31, PKIN, PKIN, BJR, BJR, BVAN, BVAN, AKTO, AKTO, AKTO, AKTO, ZALV, ZALV, FINES, FINES, ARCES, ARCES, NB2, NB2, NOA, NOA, WRA, WRA.

ISCJB 24 12:46:02.1±10.0, 37°12N:008°71'5E±0.1, h106km±n23, az=200/26, mb3.6/4, 7C-7D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations MKAR, MKAR, PYUN, PYUN, DANN, DANN, KOLN, KOLN, GKN, GKN, KURB, KURB, AB31, AB31, PKIN, PKIN, BJR, BJR, BVAN, BVAN, AKTO, AKTO, AKTO, AKTO, ZALV, ZALV, FINES, FINES, ARCES, ARCES, NB2, NB2, NOA, NOA, WRA, WRA.

ISCJB 24 12:51:02.9±0.7, 20°25S:02°177'6W±0.1, h450km, mb3.5/8, Error ellipse: s-maj=27.4km s-min=8.9km az=143.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations AFI, AFI, DZA, DZA, STKA, STKA, ASAR, ASAR, WRA, WRA, FITZ, FITZ, NVAR, NVAR, ILAR, ILAR, VNA3, VNA3, PDAR, PDAR, VNA2, VNA2, GERES, GERES.

ISCJB 24 13:07:03.0±0.7, 11°51'S:117°93E±0.07, h33km, mb3.7/1, Error ellipse: s-maj=10.1km s-min=6.7km az=148.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations WBSI, WBSI, PLAI, PLAI, TWSI, TWSI, SRBI, SRBI, JAGI, JAGI, GMJI, GMJI, BKSI, BKSI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, ASAR, ASAR.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations ZIIG, ZIIG, CAIG, CAIG, ARIG, ARIG, ALIG, ALIG, FLIG, FLIG.

MEX 24 13:38:31.9±0.5, 17°44N:101°42W, h21km±14km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations JAGI, JAGI, BLJI, BLJI, SRBI, SRBI.

IDC 24 13:57:19.5±3.4, 20°47'N:122°28E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.5/55, mbtmp3.6/4, Error ellipse: s-maj=277.7km s-min=20.7km az=62.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations CVP, CVP, MKAR, MKAR, WRA, WRA, ASAR, ASAR, KURB, KURB.

ISCJB 24 13:57:31.4±0.3, 11°92N:105°142'87E±0.05, h31km, mb4.4/38, MS3.3/10, Error ellipse: s-maj=7.6km s-min=6.3km az=23.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations GUM0, GUM0, GUM0, GUM0, JAY, JAY, PATS, PATS, SIJI, SIJI, DAV, DAV, RABL, RABL, TNI, TNI, JHJ, JHJ, H1S3, H1S3, JNU, JNU, JNU, JNU.

ISCJB 24 13:57:33.1±0.3, 11°95N:142°90E, h10km, mb4.6/11, Error ellipse: s-maj=8.4km s-min=6.2km az=93.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations GUM0, GUM0, GUM0, GUM0, JAY, JAY, PATS, PATS, SIJI, SIJI, DAV, DAV, RABL, RABL, TNI, TNI, JHJ, JHJ, H1S3, H1S3, JNU, JNU, JNU, JNU.

ISCJB 24 13:57:33.1±0.3, 11°92N:105°142'87E±0.05, h31km, mb4.4/38, MS3.3/10, Error ellipse: s-maj=7.6km s-min=6.3km az=23.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations H1S1, H1S1, H1S2, H1S2, H1N1, H1N1, H1N2, H1N2, H1N3, H1N3, MJAR, MJAR, MAT, MAT, HNR, HNR, KRSR, KRSR, KRSR, KRSR, NSAR, NSAR, NJ2, NJ2, NJ2, NJ2.

ISCJB 24 13:57:33.1±0.3, 15°50N:03°123'04E±0.07, h46km±22km, n21, az=112/25, mb3.3/3, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations ENH, ENH, AS31, AS31, ASAR, ASAR, KLR, KLR, HHC, HHC, HHC, HHC, KMI, KMI, KMI, KMI, CD2, CD2, DZM, DZM, DZM, DZM, LZH, LZH, LZH, LZH, PETK, PETK, CM01, CM01, CMAR, CMAR, CMAR, CMAR, STKA, STKA, GTA, GTA, GTA, GTA.

24d 14h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like SONGINGO Array, WMO Urumqi, WMO comp=N,40nm,16.5s, etc.

IDX 24 14:04:19.8,1.5,10.33N:126.83E,h0km,mb3.8/6, mb1 3.9/6, mb1mx3.6/50, mbtmp3.8/6, Error ellipse: s-maj=121.5km s-min=20.1km az=73.0

ISCJB 24 14:04:21.0,0.9,10.3N:0.1:126.85E:0.09,h20km, mb3.7/6, Error ellipse: s-maj=17.1km s-min=12.6km

ISC 24 14:04:23.0,1.0,10.3N:0.1:126.8E:0.1,h20km,n7, c0573/8,mb3.6/6,Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like SCPH Surigao, WRA Warrunganga Arr, etc.

IDX 24 14:11:04.1,3.0,32.26S:178.25W,h0km,mb3.6/2, mb1 3.9/3, mb1mx3.6/50, mbtmp3.6/3, ML3.1/1, MS3.7/1, Ms1 3.7/1, ms1mx2.6/31, Error ellipse: s-maj=71.1km s-min=45.5km az=121.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warrunganga Arr, etc.

IDX 24 14:23:57.0,1.7,19.64S:173.93W,h0km,mb4.2/6, mb1 4.3/8, mb1mx4.0/37, mbtmp4.2/8, ML4.0/2, MS5.6/1, Ms1 5.6/1, ms1mx2.9/40, Error ellipse: s-maj=75.7km s-min=21.8km az=148.0

NEIC 24 14:23:59.0,1.0,19.30S:174.23W,h10km,mb4.0/3, Error ellipse: s-maj=39.3km s-min=8.8km az=142.0

ISCJB 24 14:24:01.4,1.6,19.1S:0.2:174.3W:0.3,h35km,mb4.2/7, MS5.7/1, Error ellipse: s-maj=46.7km s-min=8.4km az=41.9

ISC 24 14:24:03.3,1.4,19.2S:0.2:174.1W:0.2,h35km,n18, c157/27,mb4.2/7,Tonga Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like AFI Afiamalo, DZM Mont Dzumac, AS31 Alice Springs, etc.

2012 SEP

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like CM01 Chiang Mai Arr, CMAR Chiang Mai Arr, AKASG Malin Array Be, etc.

IDX 24 14:29:07.0,0.6,10.60N:126.82E,h0km,mb4.0/18, mb1 4.1/18, mb1mx4.0/39, mbtmp4.0/18, MS3.1/10, Ms1 3.1/10, ms1mx2.8/49, Error ellipse: s-maj=29.4km s-min=12.4km az=78.0

ISCJB 24 14:29:09.0,0.3,10.61N:0.0:126.96E:0.05,h20km, mb4.1/25, MS3.0/8, Error ellipse: s-maj=7.4km s-min=5.0km az=12.8

NEIC 24 14:29:12.9,0.3,10.64N:126.99E,h35km,mb4.4/13, Error ellipse: s-maj=10.5km s-min=4.8km az=78.0

ISC 24 14:29:10.9,0.5,10.65N:0.0:126.90E:0.08,h20km,n63, c095/62,mb4.2/25,MS5.0/8,1D,Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like SCPH Surigao, CGP Cagayan de Oro, RCP Roxas, etc.

1318

Table with columns: JNW comp=Z,515nm,0.2s, IAML 14 32 04.01, JNE Jan Mayen East, JNE IAML, DAG Danmarks Havn, etc.

KRSC 24 14:39:53.0,0.0,52.784N:159.62E,h64km,mb4.8/4, ML4.8, MOS 24 14:39:53.5,1.2,52.87N:159.38E,h73km,mb4.3/27, Error ellipse: s-maj=8.5km s-min=4.0km az=86.0

BUI 24 14:39:53.8,53.78N:159.15E,h54km,mb4.3/5,mb4.5/4, MS3.7/1, MS7.3/6/1

ISCJB 24 14:39:54.0,0.4,52.91N:0.0:159.33E:0.07,h83km,2km, mb4.1/41, Error ellipse: s-maj=8.5km s-min=3.2km az=36.3

IDX 24 14:39:57.0,5.0,53.07N:159.18E,h87km,mb3.7/24, mb1 3.9/27, mb1mx3.8/56, mbtmp4.1/27, MS3.0/7, Ms1 3.0/7, ms1mx2.7/53, Error ellipse: s-maj=15.7km s-min=11.2km az=142.0

ISC 24 14:39:53.8,0.7,52.86N:0.0:159.54E:0.04,h62km,5km, n156,c1976/178,mb4.2/42,3C, East coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, SPN Mys Shipunski, DALK Dalny, etc.

Table with columns: Call Sign, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like KLR, YAK, USRK, etc.

Table with columns: Call Sign, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ASAR, ESCD, PLCA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ISCJB, DZM, CTA, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NVLR, GADA, KBN, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NVLI, PRAR, BURAR, etc.

WEL 24 19:10.1, 39°S, 179°E, h34km, 7km, ML3.8/29, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CNGZ, PUZ, TWGZ, etc.

RUG 24 19:10.1, 39°S, 179°E, h34km, 7km, ML3.8/29, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like RUGZ, RAGZ, RAGZ, etc.

ISC 24 19:40.08, 7.1, 2.18, 84N: 105.27W, h0km, mb3.8/5, mb1.4/1.7, mb1mx3.9/8, mbtmp3.9/7, ML3.7/2, MS3.6/8, Ms1.3/6/8, ms1mx3.2/3, Error ellipse: s-maj=41.0km s-min=26.2km az=47.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ISCJB, MEX, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PDAR, P3AR, ULM, etc.

JMA 24 19:48:14.6, 2.29, 36N: 140.93E, h0km, mb3.6/5, mb1.3/6/7, mb1mx3.4/31, mbtmp3.6/7, ML3.6/1, Error ellipse: s-maj=87.9km s-min=18.8km az=68.0

JMA 24 19:48:17.1, 0.6, 30.12N: 142.68E, h74km, M3.7, ISC 24 19:48:14.8, 1.4, 29.90N: 141.72E, 0.2, h35km, m17, s=186/18, mb3.8/5, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JCJ, JAOM, BSO1, etc.

SOME 24 19:50:01.8, 42.05°N, 81.25°E, h10km, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SHLS, UZB, UZB, etc.

ISC 24 20:05:45.2, 5.2, 37.04N: 70.99E, h212km, 28km, mb3.4, mpv4.4, Error ellipse: s-maj=23.4km s-min=16.5km az=174.0

ISC 24 20:05:47.0, 0.3, 36.59N: 0.03, 71.00E: 0.04, h188km, mb3.6/12, Error ellipse: s-maj=5.2km s-min=3.8km

ISC 24 20:05:53.2, 5.2, 37.04N: 70.99E, h212km, 28km, mb3.4, mpv4.4, Error ellipse: s-maj=23.4km s-min=16.5km az=174.0

ISC 24 20:05:47.0, 0.3, 36.59N: 0.03, 71.00E: 0.04, h188km, mb3.6/12, Error ellipse: s-maj=5.2km s-min=3.8km

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CEP, CHCP, THW, etc.

couple: M:4.85000x1014 NP1:φ:26.00000°, δ:27.00000°, λ:-110.00000°. NP2:φ:228.00000°, δ:65.00000°, λ:-80.00000°
 IDC 24 21:43:50.4 ± 0.7, 37°60N:145°00E, h0km, mb3.79, mb1 3.8/13, mb1mx3.7/47, mbtmp3.7/13, ML4.1/3, MS2.6/5, Ms1 2.6/5, ms1mx2.4/42, Error ellipse: s-maj=26.2km s-min=16.5km az=84.0
 ISCJB 24 21:43:53.9 ± 0.6, 37°58N:0°04':144.68E:0°05', h33km, mb3.7/10, Error ellipse: s-maj=6.3km s-min=5.2km az=36.9

JMA 24 21:43:56.1 ± 0.2, 37°63N:144°56E, h55km, MA.2
 ISC 24 21:43:55.4 ± 0.6, 37°59N:0°06':144.78E:0°05', h35km, n39, s=222/45, mb3.7/10, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JIO	Ouri	2.84	289	Op	21 44 37.9	+0.4
JFU	Ofunato	2.86	302	P	21 45 08.5	-2.8
JMK	Ichinoseki	3.12	297	P	21 45 09.8	-2.0
JOM	Ohasama	3.32	306	P	21 44 49.0	0.0
JFT	Ohtata	3.53	270	P	21 44 48.0	+0.2
JYK	Kaneyama	3.73	292	P	21 45 50.9	-5.0
BSO1	Boso 1	4.25	228	P	21 45 43.6	-1.7
JOT	Ohtata	4.76	324	P	21 45 04.8	+0.1
JRY	Yugoyami san	4.97	253	P	21 45 06.9	-0.8
JCH	Chiyu	5.13	348	P	21 45 58.9	-5.0
JOD2	Odawara 2	5.15	245	P	21 46 04.4	-3.3
JKD	Kayabe	5.17	327	P	21 46 03.5	-4.7
IMJAR	Matsushiro Arr	5.36	261	Pn	21 45 10.4	+0.1
MJAR		5.36	261	Pn	21 45 13.3	+0.4
MJAR		5.36	261	Pn	21 46 11.5	-1.9
MJAR		5.36	261	Pn	21 47 39.6	
MAT	Matsushiro	5.36	261	P	21 45 14.2	+1.2
NEM2	Nemuro 2	5.81	7	S	21 45 16.9	-2.2
JHJ	Hachioji jima 2	6.05	224	Sn	21 46 24.7	-5.7
JOSM	Okushiri-Mats	6.07	319	P	21 45 22.9	+0.3
JTKR	Abashiri-Toko	6.41	354	P	21 45 26.6	-0.6
JHR	Hokuryu	6.57	340	P	21 45 31.3	+1.8
ASAJ	Asahikawa	6.72	346	Pn	21 45 31.7	+0.1
ASAJ		6.72	346	Pn	21 46 49.4	+2.4
ASAJ		6.72	346	Pn	21 48 56.7	
USRK	Ussuriysk Ar.	11.71	308	Pn	21 46 41.4	+1.4
USRK		11.71	308	Pn	21 51 18.1	
JNU	Nakatsue	12.19	253	LR	21 51 49.5	
KSRS	Korea Arr	13.89	275	Pn	21 47 04.6	+1.7
KSRS		13.89	275	Pn	21 51 48.6	
SEY	Seymchan	25.79	8	P	21 49 22.6	-0.2
H1N2	WAKE ISLAND Hy 26.22 127			T	22 16 38.1	
H1N1	WAKE ISLAND Hy 26.23 127			T	22 16 39.9	
H1N3	WAKE ISLAND Hy 26.24 127			T	22 16 42.0	
H1S1	WAKE ISLAND Hy 27.01 129			T	22 17 37.4	
H1S3	WAKE ISLAND Hy 27.01 129			T	22 17 47.1	
H1S2	WAKE ISLAND Hy 27.02 129			T	22 17 56.8	
SOM1	Songjino Arr	29.73	302	P	21 49 58.6	+0.2
ZALV	Zalozovo Beam	43.53	312	P	21 51 56.0	+0.6
CMAR	Chiang Mai Arr	44.24	257	P	21 52 02.5	+1.0
MKAR	Makanchi Array	46.10	302	P	21 52 18.6	+2.6
ILAR	Eielson Array	47.58	33	P	21 52 26.2	-1.1
WRA	Warramunga Arr	58.07	192	P	21 53 45.4	+0.3
FITZ	Fitzroy Crossi	58.25	202	P	21 53 47.5	+1.1
ASAR	Alice Springs	61.79	191	P	21 54 11.4	+0.7
GEYT	Alibek	65.90	300	P	21 54 38.8	+1.0

ISCJB 24 21:45:03.4 ± 0.3, 31°18'S:0°03:69.03W:0°05', h117km, 3km, mb3.9/6, Error ellipse: s-maj=7.9km s-min=4.6km az=23.5
 SJA 24 21:45:03.8 ± 0.5, 31°18'S:69°04W, h103km, 3km, ML4.2, MW3.8
 GUC 24 21:45:04.1 ± 0.7, 31°75'S:69°46W, h12km, 8km, ML3.6
 IDC 24 21:45:04.2 ± 0.1, 31°18'S:68°99W, h14km, 26km, mb3.7/6, mb1 3.7/9, mb1mx3.6/23, mbtmp4.0/9, Error ellipse: s-maj=26.3km s-min=20.3km az=93.0
 ISC 24 21:45:03.9 ± 0.7, 31°79'S:0°04:69.05W:0°05', h112km, 6km, n38, φ:096/44, mb3.9/6, 1C, San Juan Province

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
RTVC	Cerro Valdivia	0.44	100	eP	21 45 20.4	-0.2
AUSP	Uspallata	0.52	213	eP	21 45 21.2	-0.3
RTLL	Cerro Villicu	0.67	47	eP	21 45 22.1	-0.2
RTLL		0.67	47	eP	21 45 35.0	+0.5
ASAL	Salagasta	0.82	167	eP	21 45 23.7	+0.1
AMOG	MOGNA	0.97	30	eP	21 45 25.0	0.0
ARCO	CERRO ARCO	1.05	174	eP	21 45 25.9	-0.1
ARCO		1.05	174	eP	21 45 44.8	
ACCO	Cerro Coronel	1.20	359	eP	21 45 28.5	+0.8
AAGR	Agrelo	1.31	172	eP	21 45 28.8	+0.1
ACDV	Cuesta del Vie	1.61	358	eP	21 45 33.1	+0.7
ACAN	Cantantal	1.66	107	eP	21 45 33.0	+0.3
AROD	Rodeo	1.66	347	eS	21 45 34.3	+1.3
AROD		1.66	347	eS	21 45 56.7	+1.6
FCH	Falleones	1.86	214	eP	21 45 36.1	+0.7
FCH		1.86	214	eP	21 46 00.8	+1.3
FCH		1.86	214	eP	21 46 04.5	
PEL	Peldehue	1.93	225	eP	21 45 35.7	-0.4
PEL		1.93	225	eP	21 46 00.1	-0.6
PEL		1.93	225	eP	21 46 05.9	
ROCH	El Roble	2.03	234	iP	21 45 36.8	-0.8
ROCH		2.03	234	iP	21 46 02.0	+1.3
ROCH		2.03	234	iP	21 46 04.4	
CLCH	Cerro Calan	2.03	218	eP	21 45 38.1	+0.7
CLCH		2.03	218	eP	21 46 03.9	+0.8
CLCH		2.03	218	eP	21 46 13.8	
GO04	Tololo Observa	2.20	317	eP	21 45 39.8	0.0
GO04		2.20	317	eP	21 46 06.6	-0.6
GO04		2.20	317	eP	21 46 10.1	
LMEL	Las Melosas	2.27	205	eP	21 45 41.1	+0.6
LMEL		2.27	205	eP	21 46 12.1	+3.5
LMEL		2.27	205	eP	21 46 20.6	
AGUA	GUANDACOL	2.35	112	eP	21 45 42.2	+0.7
LCO	Las Campanas	3.11	332	IAML	21 46 28.8	
PLCA	Paso Flores	9.01	187	P	21 47 09.6	-1.4
PLCA		9.01	187	P	21 49 08.6	+1.8
CPUP	Villa Florida	11.61	65	P	21 47 47.0	+1.0

LPAZ	La Paz	15.46	3	P	21 48 37.2	-1.3
VNA3	Neumayer Olymp	50.48	159	P	21 53 53.7	+3.8
VNA1	Neumayer-Stat	50.76	159	P	21 53 57.3	+5.8
VNA2	Neumayer-Watz	51.10	159	P	21 53 55.1	+0.6
SNA4	Sanae	52.70	159	P	21 54 05.5	0.0
SNA5	Sanae	52.70	159	P	21 54 07.0	+0.5
DBIC	Dimbokro	72.08	70	P	21 56 16.8	+0.5
BOSA	Boshof	78.84	117	P	21 56 54.0	-1.0
TORD	Torodi Ar. Bea	81.06	69	P	21 57 05.6	-1.4
PNAR	Pinedale Array	82.98	331	P	21 57 17.0	+0.4
Mina Array B		83.56	323	P	21 57 20.4	+0.7
BRTR	Keskin Array B	118.56	59	PKP	22 03 38.2	-0.4
ASAR	Alice Springs	120.64	205	PKP	22 03 42.3	-0.8
WRA	Warramunga Arr	123.89	207	PKP	22 03 48.7	-0.6
KARB	Kurchatov Arra	149.52	42	PKPbc	22 04 40.6	+0.9
ZALV	Zalozovo Beam	151.02	32	PKPbc	22 04 43.6	+0.5
MKAR	Makanchi Array	153.42	47	PKPbc	22 04 49.1	+0.3

ISCJB 24 21:52:48.8 ± 0.3, 37°66N:0°02:8.37W:0°03', h30km, 2km, Error ellipse: s-maj=3.7km s-min=2.4km az=152.2
 SFS 24 21:52:49.0 ± 0.7, 37°62N:8°37W, ML3.5, OURIQUE (PORTUGAL)

LDG 24 21:52:50.1 ± 0.1, 37°60N:8°39W, h10km, M3.6/14, Error ellipse: s-maj=1.6km s-min=1.5km az=32.0
 IGL 24 21:52:50.3 ± 0.7, 37°60N:8°38W, h1km, ML3.5
 MDD 24 21:52:50.0 ± 0.2, 37°61N:8°39W, h14km, 2km, mblG3.5/39, Error ellipse: s-maj=2.4km s-min=2.1km az=133.0, PFXIMO
 INMG 24 21:52:50.3 ± 0.2, 37°63N:8°39W, h7km, 2km, M3.3, ML3.6
 Error ellipse: s-maj=2.3km s-min=2.0km az=78.0
 CNRM 24 21:52:52.3 ± 0.7, 37°33N:8°39W, h30km, ML3.8
 ISC 24 21:52:48.4 ± 0.8, 37°54N:0°02:8.31W:0°02', h22km, 5km, n164, φ:237/277, 14C-14D, Portugal

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PCVE	Castro Verde	0.23	66	iP	21 52 57.4	+1.4
PCVE		0.23	66	iP	21 52 59.4	+1.1
PCVE		0.23	66	iP	21 53 00.0	
PCVE		0.23	66	iP	21 52 55.7	+1.4
PCVE		0.23	66	iP	21 52 59.4	
PCVE		0.23	66	iP	21 52 55.4	0.0
PCVE		0.23	66	iP	21 52 59.1	-1.0
PCVE		0.23	66	iP	21 52 59.7	
MESJ	Messejana	0.31	13	eP	21 52 55.4	0.0
MESJ		0.31	13	eP	21 52 59.1	-1.0
MESJ		0.31	13	eP	21 52 59.7	
MESJ		0.31	13	eP	21 52 55.4	0.0
MESJ		0.31	13	eP	21 52 59.1	-1.0
MESJ		0.31	13	eP	21 52 59.7	
MESJ		0.31	13	eP	21 52 55.4	0.0
MESJ		0.31	13	eP	21 52 59.1	-1.0
MESJ		0.31	13	eP	21 52 59.7	
PTEO	Sao Teotónio	0.33	272	iP	21 52 55.2	-0.4
PTEO		0.33	272	iP	21 52 58.8	-1.8
PTEO		0.33	272	iP	21 53 00.6	
PTEO		0.33	272	iP	21 52 55.2	-0.4
PTEO		0.33	272	iP	21 52 58.8	-1.8
PTEO		0.33	272	iP	21 53 00.6	
MORF	Marletele	0.36	230	eP	21 52 57.2	+1.1
MORF		0.36	230	eP	21 53 02.0	+0.7
MORF		0.36	230	eP	21 53 06.7	
MORF		0.36	230	eP	21 52 57.2	+1.1
MORF		0.36	230	eP	21 53 02.0	+0.7
MORF		0.36	230	eP	21 53 06.7	
MORF		0.36	230	eP	21 52 57.2	+1.1
MORF		0.36	230	eP	21 53 02.0	+0.7
MORF		0.36	230	eP	21 53 06.7	
PBDV	Barranco-do-Ve	0.42	134	iP	21 52 59.6	+0.5
PBDV		0.42	134	iP	21 53 06.3	+0.1
PBDV		0.42	134	iP	21 53 10.5	
PBDV		0.42	134	iP	21 52 59.6	+0.5
PBDV		0.42	134	iP	21 53 06.3	+0.1
PBDV		0.42	134	iP	21 53 10.5	
PVAQ	Vaqueiros	0.49	106	eP	21 53 00.5	+0.5
PVAQ		0.49	106	eP	21 53 06.8	+0.9
PVAQ		0.49	106	eP	21 53 10.8	
PVAQ		0.49	106	eP	21 53 00.5	+0.5
PVAQ		0.49	106	eP	21 53 06.8	+0.9
PVAQ		0.49	106	eP	21 53 10.8	
PVAQ		0.49	106	eP	21 53 00.5	+0.5
PVAQ		0.49	106	eP	21 53 06.8	+0.9
PVAQ		0.49	106	eP	21 53 10.8	
PVAQ		0.49	106	eP	21 53 00.5	+0.5
PVAQ		0.49	106	eP	21 53 06.8	+0.9
PVAQ		0.49	106	eP	21 53 10.8	
PVAQ		0.49	106	eP	21 53 00.5	+0.5
PVAQ		0.49	106	eP	21 53 06.8	+0.9
PVAQ		0.49	106	eP	21 53 10.8	
PVAQ		0.49	106	eP	21 53 00.5	+0.5
PVAQ		0.49	106	eP	21 53 06.8	+0.9
PVAQ		0.49	106	eP	21 53 10.8	
PVAQ		0.49	106	eP	21 53 00.5	+0.5
PVAQ		0.49	106	eP	21 53 06.8	+0.9
PVAQ		0.49	106	eP	21 53 10.8	
PVAQ		0.49	106	eP	21 53 00.5	+0.5
PVAQ		0.49	106	eP	21 53 06.8	+0.9

WRA Warramunga Arr 83.30 121 P P 22 07 59.6 -1.4
comp=Z,0.5nm,0.5s,baz=326,slow=5.0,SNR=7.8
ASAR Alice Springs 85.57 124 P P 22 08 11.2 -1.2
comp=Z,0.4nm,0.5s,baz=319,slow=4.6,SNR=4.0

NEIC 24 21:56:09.8,0.0,16:87N,62:23W,h17km,MD3.7(TRN),
After TRN.

NEIC Felt at Bransby Point.
TRN 24 21:56:09.8,16:87N,62:23W,h17km,MD3.7,4C,
Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MBWH, MBGB, MLYT, etc.

NIED 24 21:57:00,22:90N,121:30E,h23km,Mw4.3 Best double
couple: M2:83000,1015 NP1:204,00000, 843,00000,
lambda,91,00000. NP2:22,00000, 847,00000, lambda,89,00000.

ISCJB 24 21:57:33.0,0.3,22:81N,0:01,121:36E,0:01,h24km,1km,
mb4.2/35,MS3.7/13,Error ellipse: s-maj=2.4km
s-min=1.9km az=138.2

JMA 24 21:57:32.9,0.1,22:88N,121:28E,h31km,2km,M4.7
BUJ 24 21:57:32.9,22:87N,121:30E,h16km,mb4.2/34,MB4.5/20,
ML4.2/6,MS4.1/35,MS7.4/133

TAP 24 21:57:33.4,22:86N,121:29E,h17km,ML4.7,B
NEIC 24 21:57:35.5,0.9,22:88N,121:46E,h39km,6km,mb4.5/11,
ML4.7(TAP),Error ellipse: s-maj=8.8km s-min=7.6km
az=152.0

NEIC Recorded [3 TAP] in Taitung and [1 TAP] in Pingtung and
Yunlin.

IDC 24 21:57:36.3,3.5,22:83N,121:45E,h49km,35km,mb3.8/20,
mb1.4/0/22,mb1mx3.9/45,mbtmp4.1/22,ML3.8/2,MS3.5/16,
MS1.3/5/16,ms1mx3.3/41,Error ellipse: s-maj=18.8km
s-min=11.1km az=65.0

ISC 24 21:57:33.1,0.2,22:84N,0:02,121:34E,0:02,h41km,6km,
n233,rs34/292,mb4.3/35,MS3.7/13,15C-2SD,Taiwan
region

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

Main table with columns: TWF1, YULB, STYT, TAW, TAW, EAST, HGSD, SLGT, EHY, MASBT, MASBT, YUS, YUS, WTP, SGLT, TPUB, TPUB, SCZT, SCZT, CHN1, LAY, EGFH, TWMT, CHN4, TWK, TWK, CHN3, CHN3, CHN5, CHN5, ESL, KAU, HEN, SSSL, SSSL, WCHL, TWKB, TSEB, TWK1, TWP, CHA1, CHA2, CHN2, CHY, CHY, ENLB, ENLB, WKG, WKG, WGL, WGL, SCLT, SCLT, SMLT, SMLT, WDLH, WDLH, WJWS, WJWS, WJWS, TYC, TYC, CHN8, CHN8, HWA, HWA, WNT, WNT, CHGB, CHGB, TWD, TWD, WSF, WSF, WHF, WHF. Lists stations like Yuli, Anshuo, Ruisui, etc.

Table with columns: WHF, NACB, NACB, NACB, RLNB, WTCT, WTCT, TWT, TDCB, WCHH, TCU, TWQ1, TWQ1, NNS, WDG, WDG, ENA, NSY, NSY, PTBS, PHUB, NMLH, NMLH, PNB, PNG, VCHM, VCHM, ENT, NSTT, NSTT, LIOB, LIOB, YHNB, YHNB, TWC, TWC, NSK, EOS1, EOS1, TWE, TWE, SBCB, SBCB, WLBT, WLBT, NCUH, NCUH, TATO, TATO, TATO, TATO, JYNG, JYNG, TAP1, TAP1, YOJ, YOJ, YOJ, YOJ, TWB1, TWB1, NWF, NWF, WFSB, WFSB, YM01, YM01, YM04, YM04, YM10, YM10, YM05, YM05, YM11, YM11, YM03, YM03, YM12, YM12, YM08, YM08, HATJ, HATJ, IRIF, IRIF, VVUC, VVUC, JKRS, JKRS, PTMZ, PTMZ, JIJ, JIJ, PTTC, PTTC, KNN, KNN, KNMB, KNMB, JISG, JISG, QZH, QZH, ZPLA, ZPLA, MATB, MATB, JTJ, JTJ, AXDP, AXDP, AXDP, AXDP, ZJZH, ZJZH, MHZQ, MHZQ, LYJ, LYJ. Lists stations like Ninganchiao, Taichung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PBMO, SAML, and MEX 24 22:28:00.9-0.5.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PCIG, CCIG, PKIG, TGIG.

ISCJB 24 22:55:12.8-0.6, 31.79N, 0102-114.98W, 0.02, h5km, 4km, Error ellipse: s-maj=3.0km s-min=2.6km az=23.0

MEX 24 22:55:15.6-0.3, 31.80N, 114.97W, h5km, 7km, MD3.7

NEIC 24 22:55:15.0-0.0, 31.82N, 115.00W, h12km, MD3.7(MEX), ML4.0(EXT), ML4.0(PAS), After ECX.

ECX 24 22:55:15.0-0.6, 31.82N, 115.00W, h12km, MD4.0, ML4.2

ISC 24 22:55:14.3-1.0, 31.80N, 102-115.02W, 0.02, h12km, 8km, n112, c1996/124, 2C-5D, Baja California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ECBX, MBIG, CPBX, SPX, SPG, YMD, ZAX, RMX, IKP.

ISC 24 22:55:30.7-0.0, 22.55 42.5 +0.7

ISC 24 22:55:30.4-0.3, 22.55 42.1 +0.3

ISC 24 22:55:30.7-0.1, 22.55 42.2 +0.1

ISC 24 22:55:30.6-0.1, 22.55 42.2 +0.3

ISC 24 22:55:30.2-1.4, 22.55 42.2 +0.3

ISC 24 22:55:30.2-2.6, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

ISC 24 22:55:34.1-1.1, 22.55 42.2 +0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DAC, X18A, U15A, TPNV, LCMT, KNB, W18A, PABG, CCUT, SZCU, PK1A, PMPB, R11A, MTPU, OMMB, MSU, NV11, LENM, MVCO, ANMO, TMUT, PV13, PV18, PV17, PV19, SRU, PV10, PV16, MINTX, PV11, PV09, PV01, PV12, PV18, PV21, P17A, PV22, N19A, PLGA, BCUI, SMCO, TX31, HVU.

ISC 24 22:56:29.9-1.2, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

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ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

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ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

ISC 24 22:56:30.4-1.5, 22.56 38.3 -2.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GAZ, KMRS, KUZU, ANDN, ATAB, KOZM, SAIM, AKCD, SAHT, SAHTLIURFA-HAT, SAINTLIURFA, SUREG, DARE, URFA, YAYL, BNN, SVRC.

ISC 25 00:12:50.9, 37.33N, 37.12E, h5km, ML2.0/3

ISCJB 25 00:12:51.3, 0.6, 37.31N, 0.04, 37.12E, 0.04, h5km, 6km, Error ellipse: s-maj=7.2km s-min=4.0km az=37.4

ISC 25 00:12:51.3-0.9, 37.31N, 0.03, 37.13E, 0.03, h10km, 7km, n15, c061/23, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GAZ, KMRS, KUZU, ANDN, ATAB, KOZM, SAIM, AKCD, SAHT, SAHTLIURFA-HAT, SAINTLIURFA, SUREG, DARE, URFA, YAYL, BNN, SVRC.

DJA 25 00:17:00.7, 0.5, 8.5S, -119E, h22km, 5km, M3.6/4, MLV3.6/4, Flores region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WBSI, PLAI, WSI, TWSI, WSI, BSSI, BFI, BKSI.

ISC 25 00:26:21.5, 2.7, 31.86S, 177.92W, h0km, mb3.9/10, mb1.4/3, mb1mx3.9/36, mbtray4.2/5, ML3.9/2, Error ellipse: s-maj=59.9km s-min=25.9km az=114.0

ISCJB 25 00:26:22.9, 1.1, 31.95S, 0.07, 177.9W, 0.2, h24km, mb4.1/3, Error ellipse: s-maj=27.6km s-min=9.1km az=8.9

ISC 25 00:26:24.4, 1.3, 31.97S, 0.09, 177.9W, 0.2, h24km, n8, c132/10, mb4.2/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for RAO, URZ, URZ, CTA, ASAR, WRA, VNA3, VNA2, FINES.

ISC 25 00:28:48.0, 8.0, 9.79N, 126.39E, h0km, mb3.9/10, mb1.0/10, mb1mx3.8/40, mbtmp3.9/10, MS3.1/3, M3.1 3/13, ms1mx2.6/35, Error ellipse: s-maj=63.9km s-min=15.1km az=78.0

ISCJB 25 00:28:52.3, 0.6, 9.82N, 0.06, 126.77E, 0.06, h42km, mb3.8/10, MS3.0/2, Error ellipse: s-maj=9.3km s-min=7.5km az=32.4

MAN 25 00:28:56.4, 9.73N, 126.37E, h28km, mb5.1, ML4.0, MS4.1

ISC 25 00:28:54.0, 7.9, 9.83N, 0.06, 126.56E, 0.09, h42km, n29, c195/25, mb3.8/10, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SCPH, SCUP, BUTP, MSLP, OCLP, CGP, GCP, BUKP, PAGZ, DMMP, GUIM, RCP, SIJI, BATI, JHJ, KSRK, FITZ, ASAR, KLR, H1N1, H1N2, H1N3, SONM, STKA, MKAR, ZALV, ARCES, FINES, VNSA, TORO, PLCA.

ISC 25 00:07:59.2, 7.5, 34.67S, 179.46E, h224km, 73km, mb3.2/2, s-maj=97.0km s-min=40.5km az=7.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for URZ, URZ, ASAR, WRA, FINES, BRTR.

ISCJB 25 00:41:32.6, 0.4, 40.30N, 0.02, 25.59E, 0.03, h8km, 3km, Error ellipse: s-maj=4.1km s-min=3.2km az=167.3

ATH 25 00:41:32.8, 0.4, 40.30N, 25.58E, h14km, 5km, ML1.5/6, Error ellipse: s-maj=5.0km s-min=0.9km az=316.0

ISC 25 00:41:32.9, 0.4, 40.29N, 25.60E, h9km, ML2.0/8

DJA 25 00:41:34.7, 0.4, 40.29N, 25.64E, h7km, ML2.6

ISC 25 00:41:32.9, 0.4, 40.29N, 0.02, 25.60E, 0.03, h11km, 7km, n26, c046/41, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SMTH, SMTH.

DDA 25 00:12:50.4, 37.28N, 37.12E, h6km, ML2.7

Table with columns: SMTH, comp=N, 450um, 0.1s, AML, AML, 00 41 40.3, etc. Lists various astronomical objects and their properties.

Table with columns: 4V8A, Smith Brothers, 22.32 12 eP, P, 01 40 27.7 -0.4, etc. Lists astronomical objects with detailed coordinates and identifiers.

Table with columns: 41nm, 1.4s, OPO, Ambohitratompo, 24.64 236 LR, LR, 01 55 12.3, etc. Lists astronomical objects with coordinates and identifiers.

NCC 25 01:26:41.6-10.0, 37.72N-71.10E, h0km, mb3.9, mpv3.5, 6C-2D, Error ellipse: s-maj=77.9k s-min=60.6k

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the NCC region.

IS/CJ/B 25 01:38:55.4-0.8, 56.9N:01:34:0W:0.2, h13km, mb3.7/11, MS3.2/5, Error ellipse: s-maj=17.6km s-min=15.8km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IS/CJ/B region.

IS/CJ/B 25 01:38:55.6-0.9, 56.97N:33:86W, h0km, mb3.7/11, mb1.3/8.11, mb1mx3.6/5.4, mbtmp3.7/11, MS3.3/5, MS1.3/3.5, ms1mx2.8/5.1, Error ellipse: s-maj=25.5km s-min=19.2km az=32.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IS/CJ/B region.

IDC 25 01:35:29.6-2.6, 14.06N:92.31W, h0km, mb4.0/6, mb1.4/2.8, mb1mx3.8/4.5, mbtmp4.0/8, ML3.5/2, MS1.3/6.2, ms1mx2.9/2.3, Error ellipse: s-maj=51.8km s-min=22.9km az=3.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IDC region.

IS/CJ/B 25 01:38:57.2-0.9, 56.88N:01:34:0W:0.1, h13km, n24, +19:43:17, mb3.9/11, MS3.4/5, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IS/CJ/B region.

IDC 25 01:43:11.6-0.3, 53.521S:25:54E, h0km, mb5.0/29, mb1.5/12.9, mb1mx3.0/3.7, mbtmp5.0/29, MS4.2/21, MS1.4/2.21, ms1mx1.1/2.8, Error ellipse: s-maj=14.2km s-min=11.6km az=55.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IDC region.

MEX 25 01:35:30.7-0.5, 13.68N:92.39W, h20km, 16km, MD4.0 NEIC 25 01:35:30.5-0.0, 13.67N:92.37W, h17km, mb4.1/30, MD4.0(MEX), After MEX.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the MEX and NEIC regions.

IS/CJ/B 25 01:35:29.6-3.3, 13.89N:0.08-92:38W:0.06, h6km, 21km, n66, +19:07:77, mb4.1/33, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IS/CJ/B region.

MOS 25 01:43:12.2-1.0, 53.175S:25:58E, h10km, mb5.2/31, Error ellipse: s-maj=19.7km s-min=8.8km az=86.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the MOS region.

SBL S San Blas 2.68 91 eP Pn 01 36 14.5 +1.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the SBL region.

IS/CJ/B 25 01:41:40.7-0.6, 5.45S:01:56:54E:0.10, h13km, mb4.3/23, MS3.6/5, Error ellipse: s-maj=17.6km s-min=10.2km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IS/CJ/B region.

IS/CJ/B 25 01:41:42.0-0.4, 5.34S:01:56:54E:0.10, h13km, n57, +0:74:49, mb4.4/23, MS3.8/5, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IS/CJ/B region.

IS/CJ/B 25 01:41:42.0-0.4, 5.36S:68:54E:0.10, h10km, mb4.4/7, Error ellipse: s-maj=10.5km s-min=6.4km az=222.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IS/CJ/B region.

IS/CJ/B 25 01:41:42.0-0.4, 5.34S:01:56:54E:0.10, h13km, n57, +0:74:49, mb4.4/23, MS3.8/5, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IS/CJ/B region.

IS/CJ/B 25 01:43:19.4-0.2, 53.21S:25:53E:0.06, h10km, n457, +18:05:56, mb5.2/71, MS4.2/24, 2C, South of Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IS/CJ/B region.

25d 2h

Table of astronomical observations for 25d 2h, listing station names, coordinates, and observation details.

2012 SEP

Table of astronomical observations for 2012 SEP, listing station names, coordinates, and observation details.

1332

Table of astronomical observations for 1332, listing station names, coordinates, and observation details.

TLIG Tlapa 1.75 325 eP Pn 02 18 44.9 -3.4
TLIG eS Sn 02 19 05.5 -5.0
CMIG Matias Romero 2.69 69f eP S Sn 02 18 57.7 -3.4
CMIG iS Sn 02 19 29.0 -4.5

IDC 25 02:18:40.6:3.6, 31.08S:178.14W, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.9/3, mbtmp4.1/5, Error ellipse: s-maj=152.3km s-min=38.2km az=158.0, Kermadec Islands region

Code Station Name A° AZ° Phase ID Time Res h m s ISC
CTA Charters Tower 33.80 280 P 02 25 26.0 +1.5
STKA Stephens Creek 34.22 352 P 02 25 28.9 +0.9
ASAR Alice Springs 42.96 268 P 02 26 40.8 -0.8
WRA Warramunga Arr 44.01 273 P 02 26 49.4 -0.7
FITZ Fitzroy Crossi 52.24 270 P 02 27 53.5 -0.4

IDC 25 02:20:06.4:2.7, 101.67S:113.77E, h0km, mb3.7/6, mb1 3.7/7, mb1mx3.6/3, mbtmp3.7/7, ML3.2/1, MS3.4/2, Ms1 3.4/2, ms1mx2.7/4.7, Error ellipse: s-maj=106.8km s-min=21.0km az=49.0

ISC 25 02:20:07.4:1.1, 10.66S:0.09, 113.85E:0.10, h10km, m22, c189/16, mb3.9/6, South of Jawa

Code Station Name A° AZ° Phase ID Time Res h m s ISC
JAGI Jajag, Banyuwa 2.20 8 P 02 20 47.8 +0.5
IGBI Denpasar 2.23 35 P 02 20 56.9 -1.3
DNP Denpasar 2.38 34 P 02 20 52.2 -0.9
GMJI Gumukmas 2.41 350 P 02 20 47.9 -3.0
SRBI Singaraja 2.89 28 P 02 20 58.7 -0.4
BLJI Banyuglugur 2.91 355 P 02 20 55.5 +1.7
TWSI Taliwang, Sumb 3.55 58 P 02 21 07.0 -3.3

DDA 25 02:30:54.8, 37.32N:37.13E, h7km, ML2.5
ISCJB 25 02:30:55.4:0.5, 37.30N:0.04, 37.11E:0.04, h9km, 5km, Error ellipse: s-maj=6.8km s-min=3.9km az=28.6

ISK 25 02:30:55.2, 37.31N:37.10E, h7km, ML1.8/5
ISC 25 02:30:55.2:0.9, 37.31N:0.03, 37.12E:0.03, h13km, 7km, n14, c055/23, Turkey

Code Station Name A° AZ° Phase ID Time Res h m s ISC
GAZ Gaziantep 0.15 153 PG 02 30 59.9 0.0
GAZ SG 02 31 01.8 +0.2
KMRS Kahramanmaraş 0.27 318 PG 02 31 00.8 0.0
KUZU Kuzuni 0.54 184 iP 02 31 06.6 -0.0
KUZU iS 02 31 17.9 +0.3
ANDN Andirin 0.68 294 iS 02 31 17.8 -0.5
ANDN iS 02 31 17.8 +0.5
ATAB Bozova 0.95 80 iS 02 31 12.3 -1.2
ATAB iS 02 31 26.7 +0.6

ISCJB 25 02:41:25.1:0.5, 34.99N:0.03, 139.97E:0.05, h69km, 4km, mb3.4/2, Error ellipse: s-maj=7.0km s-min=4.8km az=139.9

JMA 25 02:41:25.1:0.1, 34.99N:139.95E, h69km, 2km, M3.2
IDC 25 02:41:25.2:2.8, 34.91N:139.76E, h73km, 16km, mb3.1/2, mb1 3.3/5, mb1mx3.0/5.1, mbtmp3.4/5, Error ellipse: s-maj=63.8km s-min=5.6km az=71.0

ISC 25 02:41:26.4:0.9, 34.99N:0.04, 139.96E:0.04, h65km, 7km, n25, c085/32, SC-40, Near south coast of eastern Honshu

Code Station Name A° AZ° Phase ID Time Res h m s ISC
TATJ Tateyama 2 007 311 P 02 41 35.6 -0.3
TATJ S 02 41 40.3 +0.2
BS04 Boso 4 031 89 iP 02 41 36.8 -0.2
BS04 S 02 41 45.6 -0.4
JYO Yokoski 0.34 315 iP 02 41 36.9 -0.4
KTR Katsuura 0.34 61 P 02 41 45.6 +0.4
KTR S 02 41 36.6 -0.6
BS03 Boso 3 049 112 iP 02 41 37.9 -0.4
ES03 S 02 41 47.9 -0.8
JIM2 Oshima 3 051 238 iP 02 41 38.0 -0.8
JIM2 S 02 41 47.0 -0.9
JOD2 Odawara 2 076 292 iP 02 41 40.5 -1.2
JOD2 S 02 41 51.6 -1.4
BS01 Boso 1 090 111 iP 02 41 41.9 -1.0
BS01 S 02 41 54.5 -0.6
JIZS Izushimoda 0.93 254 iP 02 41 43.2 -0.5
JIZS S 02 41 56.3 -0.2
JMKN Mikurajimanih 1.13 196 P 02 41 46.3 0.0
JMKN S 02 42 00.7 -0.5
JRY Shimob 1.26 294 iP 02 41 47.7 -0.5
JRY S 02 42 03.9 -0.5
JRY Ryogami san 1.34 320 iP 02 41 48.3 -0.8
JRY S 02 42 05.0 -1.2
JHJ Hachioji jima 2 187 184 P 02 41 56.4 +0.3
JHJ S 198m, 0.3s, baz=293, slow=23, SNR=10

H1N3 WAKE ISLAND Hy 28.24 116 T 03 17 00.2
H1S1 WAKE ISLAND Hy 28.85 118 T 03 17 38.7
H1S1 WAKE ISLAND Hy 28.85 118 T 03 17 41.8
H1S2 WAKE ISLAND Hy 28.86 118 T 03 17 38.4

MKAR Makanchi Array 44.24 304 P 02 49 29.5 +0.2
WRA Warramunga Arr 54.88 186 P 02 50 49.0 -1.3
IDC 25 02:46:33.0:9.9, 7.36°05N:71.41E, h160km, 97km, mb3.2/5, mb1 3.3/9, mb1mx3.0/5.8, mbtmp3.8/9, Error ellipse: s-maj=59.9km s-min=52.5km az=119.0

ISCJB 25 02:46:39.6:1.4, 36.61N:0.1x71.25E:0.08, h188km, mb3.5/4, Error ellipse: s-maj=15.6km s-min=7.7km az=155.8

NNC 25 02:46:42.9:3.3, 37.15N:70.70E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=26.9km s-min=20.0km az=159.0

ISC 25 02:46:40.8:1.5, 36.77N:0.1x71.05E:0.09, h188km, n17, c203/23, mb3.4/4, 6C-6D, Afghanistan-Tajikistan border

Code Station Name A° AZ° Phase ID Time Res h m s ISC
SFK Sufi-Kurgan 3.83 29 iP 02 47 41.3 +1.1
SFK 68m, 0.2s S 02 48 25.2 -1.7
MNAS Manas 5.89 11 iP 02 48 07.8 +1.2
MNAS 4.7m, 0.5s S 02 49 11.7 -2.6
KK31 Karatay Arr 6.41 356 iP 02 48 14.2 +1.0
KK31 1.0m, 0.2s, baz=173, slow=12, SNR=68 S 02 49 23.5 -2.8
AAK Ala-Archa 6.50 23 iP 02 48 14.8 +0.3
AAK 4.6m, 0.4s S 02 49 26.1 -2.5
TKM2 Tokmak 2 7.13 28 iP 02 48 22.8 0.0
TKM2 2.7m, 0.5s S 02 49 46.5 +2.9
GEYT Alibek 10.38 281 S 02 51 01.1 -0.1
FINES FINES Array B 37.34 326 P 02 49 38.9 -1.0
MKAR Makanchi Array 13.11 36 P 02 50 00.7 -1.6
KURBS Kurchatov Arr 14.93 19 P 02 50 05.6 +2.1
AB31 Akbulak arry 14.30 331 P 02 52 48.0 -1.2
AB31 1.0m, 0.4s, baz=143, slow=11, SNR=52 S 02 50 20.9 +1.4
BVAR Borovoye Array 16.34 359 P 02 50 24.3 +1.2
AKTO Aktyubinsk 16.63 30 P 02 50 27.8 +4.7
AKTO 4.9m, 0.8s S 02 50 54.8 -1.0
ZALV Zalesovo Beam 19.72 25 P 02 53 35.6 +0.8
FINES FINES Array B 37.34 326 P 02 54 05.8 +1.0
ARCES ARCES Array B 40.98 337 P 02 54 31.2 +0.1
NOA NORSAR Array B 44.25 323 P 02 54 03.2 -2.9
TORD Torodi Ar. Bea 65.76 269 P 02 54 31.0 -2.9
TORD 0.3m, 0.6s, baz=52, slow=5.3, SNR=4.4

ISCJB 25 02:51:12.2:0.5, 11.48N:0.04, 125.68E:0.06, h53km, mb3.9/15, MS3.7/2, Error ellipse: s-maj=9.2km s-min=7.7km az=71.0

MAN 25 02:51:12.6:1.1, 44N:125.64E, h22km, mb4.9, ML3.9, MS3.9

IDC 25 02:51:13.6:3.3, 11.29N:125.49E, h51km, 29km, mb3.7/15, mb1 3.8/15, mb1mx3.6/5.7, mbtmp3.0/15, MS3.4/4, Ms1 3.4/4, ms1mx2.9/4.8, Error ellipse: s-maj=29.9km s-min=12.5km az=71.0

ISC 25 02:51:14.0:0.6, 11.46N:0.06, 125.62E:0.08, h53km, n33, c1952/30, mb4.0/15, 3C-3D, Samar

Code Station Name A° AZ° Phase ID Time Res h m s ISC
PLP Palo 0.69 245 iP 02 51 25.9 -1.8
PLP S 02 51 35.4 -2.4
SCPH Surigao 1.67 184 eP 02 51 40.0 -0.8
SCPH S 02 52 01.0 -0.2
LLP Lapu-Lapu 1.96 235 eS 02 51 46.3 +1.2
LLP S 02 52 10.5 +1.3
TBP Tagbilaran 2.48 225 eP 02 51 56.1 +4.4
RCP Roxas 2.82 272f eP 02 51 57.1 +0.5
CGP Cagayan de Oro 3.12 197f eP 02 52 03.2 +2.5
CGP S 02 52 38.8 +2.0
GGY Gayangangan 3.94 309f eP 02 52 04.7 -7.2
TGY Tagaytay City 5.27 300 LR 02 54 50.1
GUMO Guam 18.91 92 LR 02 03 14.1
GUMO comp=Z.47m, 21.0s, baz=296, slow=32
CMAR Chiang Mai Arr 26.67 288 P 02 56 48.2 0.0
FITZ Fitzroy Crossi 29.37 180 P 02 57 10.7 -1.5
WRA Warramunga Arr 32.36 165 P 02 57 36.5 -2.1
WRA 0.2m, 0.4s, baz=344, slow=8.9, SNR=4.7
WRA 0.2m, 0.5s, baz=343, slow=2.7, SNR=6.5
BRDH Bariadhala 34.26 294 LR 02 57 36.5 -2.1
ASAR Alice Springs 35.84 167 P 02 58 06.7 -2.0
ASAR 0.9m, 0.3s, baz=353, slow=7.9, SNR=10
SONM Songino Array 39.69 340 P 02 58 42.2 +1.0
H1S3 WAKE ISLAND Hy 40.22 75 T 03 41 53.5
H1S1 WAKE ISLAND Hy 40.23 75 T 03 41 55.5
H1S2 WAKE ISLAND Hy 40.23 75 T 03 41 51.5
H1N1 WAKE ISLAND Hy 40.51 73 T 03 42 09.3
H1N2 WAKE ISLAND Hy 40.52 73 T 03 42 11.3
H1N3 WAKE ISLAND Hy 40.53 73 T 03 42 10.6
STKA Stephens Creek 45.73 161 P 02 59 29.4 -0.6
PETK Petropavlovsk 48.84 25 P 02 59 55.9 +1.9
MKAR Makanchi Array 50.70 322 P 03 00 08.9 +0.5
ZALV Zalesovo Beam 53.28 313 P 03 00 27.3 -0.1
KURBS Kurchatov Arr 54.74 325 P 03 00 38.3 +0.3
BVAR Borovoye Array 60.33 325 P 03 01 17.7 +0.4
BVAR 0.4m, 0.3s, baz=122, slow=5.2, SNR=3.0
ILAR Eielson Array 78.66 26 P 03 03 10.9 +0.8
ARCES ARCES Array B 82.86 340 P 03 03 32.6 +0.1
FINES FINES Array B 84.55 332 P 03 03 41.1 -0.2
AKASE Malin Array Be 85.25 25 P 03 03 43.9 -1.0
TORD Torodi Ar. Bea 119.23 292 PKP 03 09 57.9 -0.4
PLCA Pao Flores 147.54 157 PKPbc 03 10 53.5 +0.8
bazz=308, slow=75, SNR=30

couple: M2.450000*1015 NP1.9+138.00000*, 816.00000*, 145.00000*, NP2.9+4.00000*, 879.00000*, 1102.00000*, MOS 25 02:55:45.3:1.0, 36.65N:141.33E, h33km, mb4.8/8, Error ellipse: s-maj=9.5km s-min=6.9km az=107.1

ISCJB 25 02:55:46.5:0.5, 36.64N:0.02, 141.30E:0.04, h43km, 4km, mb4.4/37, MS3.5/2, Error ellipse: s-maj=5.9km s-min=3.9km az=18.7

JMA 25 02:55:48.5:0.1, 36.67N:141.12E, h46km, 1km, M4.1 JMA Fell II J1

NEIC 25 02:55:49.6:0.6, 36.63N:141.20E, h52km, 5km, mb4.9/19, Error ellipse: s-maj=6.4km s-min=4.8km az=99.0

NEIC Banzokai 12 JMA1 in Fukushima, Ibaraki and Tochigi. IDC 25 02:55:53.1:2.0, 36.61N:141.00E, h20km, 17km, mb3.8/22, mb1 4.0/27, mb1mx3.8/6.4, mbtmp4.2/27, MS3.4/8, Ms1 3.4/8, ms1mx3.1/4.4, Error ellipse: s-maj=17.0km s-min=11.9km az=71.0

ISC 25 02:55:47.7:0.5, 36.66N:0.04, 141.31E:0.05, h35km, 3km, n129, c1935/136, mb4.5/37, Near east coast of eastern Honshu

Code Station Name A° AZ° Phase ID Time Res h m s ISC
JHO Hitachi 0.59 265 Op 02 55 58.9 -0.8
JHO S 02 56 06.2 -2.0
ONAJ Iwakimizuishi 0.60 317 P 02 55 59.3 -0.6
ONAJ S 02 56 06.7 -1.7
JHYU Hitachinakayama 0.66 241 P 02 56 01.0 -0.5
JHYU S 02 56 08.2 -1.6
JFFU Fukushimafurd 1.74 306 P 02 56 01.0 -0.7
JFFU S 02 56 09.5 -2.2
JFK Kawachi 0.79 334 P 02 56 02.1 -0.3
JYT Yasato 0.96 245 P 02 56 04.0 -0.8
JYT S 02 56 14.8 -3.1
JYT Otama 1.19 318 eS 02 56 21.6 -0.4
JMM Marumori 1.27 341 P 02 56 09.1 +0.1
JMM S 02 56 24.5 -0.3
MJAR Matsuhiro Arr 2.50 268 P 02 56 26.2 +0.4
MJAR 110nm, 0.3s, baz=89, slow=15, SNR=222 S 02 56 55.8 +0.7
MJAR 49nm, 0.3s, baz=95, slow=19, SNR=12 LR 02 57 40.1
MJAR comp=Z.540m, 20.0s, baz=250, slow=48 S 02 56 26.7 +0.8
MAJO Matsuhiro 2.50 268 eP 02 56 58.8 +0.7
MAJO e 02 56 56.3
MAJO Matsuhiro 2.50 268 eP 02 56 26.7 +0.8
MAJO e 02 56 55.8
MAJO Matsuhiro 2.50 268 P 02 56 26.5 +0.6
MAJO e 02 56 01.9 -1.1
MJBS Matsu-Tunnel 2.50 268 eP 02 56 26.7 +0.8
MJBS e 02 56 56.8 +1.6
INU Inuyama 3.72 251 eP 02 56 43.1 +0.5
INU e 02 57 23.3 -1.8
JHJ2 Mitsune 3.75 200 eP 02 56 45.1 +2.1
JHJ2 e 02 57 26.2 +0.3
JHJ Hachioji jima 2 3.75 200 P 02 56 45.5 +2.4
JHJ 116nm, 0.3s, baz=108, slow=23, SNR=9.6 S 02 57 25.1 -0.8
JHJ 96nm, 0.3s, baz=240, slow=20, SNR=4.5 S 02 57 08.0 +0.4
ERM Erimo 5.54 14 eP 02 57 08.3 -0.6
ERM S 02 57 08.0 +0.4
ERM Erimo 5.54 14 eP 02 57 08.3 -0.6
ERM S 02 57 34.8 +0.1
ASAJ Asahikawa 7.51 7 eP 02 57 34.8 +0.1
ASAJ 3.7m, 0.3s, baz=219, slow=12, SNR=9.0 S 02 58 56.6 -2.0
SHO Shikotan 8.35 29 eP 02 57 46.5 +0.4
SHO eS 02 59 12.8 -6.3
SHO comp=E, 10.0m, 0.2s pmax pmax
SHO comp=Z, 8.0m, 0.2s pmax pmax
SHU Shikotan 9.26 251 P 02 58 00.8 +2.0
SHU comp=Z, 2.0, 0.3s, baz=35, slow=19, SNR=2.6 LR 03 01 54.7
JNU comp=Z.199m, 18.6s, baz=94, slow=6, SNR=12 LR 03 01 54.7
CBJ Chichi jima 9.56 175 eP 02 58 01.9 -1.0
CBJ e 02 58 39.8 -1.0
KUR Kuril'sk 9.89 28 P 02 58 08.0 -0.7
KUR S 02 59 51.5 -5.6
KUR comp=Z.29m, 0.6s pmax pmax
USA0B Ussuriysk Arr 10.35 320 eP 02 58 19.4 +5.9
USRK Ussuriysk Arr. 10.35 320 P 02 58 17.2 +3.6
USRK comp=Z.2.3m, 0.3s, baz=134, slow=13, SNR=51 LR 03 01 56.5
USRK comp=Z.181m, 19.5s, baz=150, slow=36 P 02 58 21.8 +3.0
KSRS Korea Array 10.73 278 P 02 58 11.9
KSRS comp=Z.0.2m, 0.3s, baz=94, slow=14, SNR=12 LR 03 02 11.9
KSRS comp=Z.2.6m, 19.5s, baz=96, slow=16 LR 03 02 11.9
KS15 Wonju Array Si 10.76 278 eP 02 58 21.8 +2.5
KSAR Wonju Array Be 10.76 278 P 02 58 21.8 +2.6
KSAR Wonju Array Be 10.76 278 P 02 58 21.8 +2.6
KLR Kul'du 14.36 384 P 02 59 08.8 +0.4
KLR comp=Z.0.2m, 0.3s, baz=117, slow=7.0, SNR=4.4 LR 03 04 02.4
YOJ Yonaguni jima 19.86 237 eP 03 00 15.4 -0.3
YOJ comp=Z.288m, 1.4s pmax pmax
YOJ Yonaguni jima 19.86 237 eP 03 00 15.5 -0.3
YOJ comp=Z.288m, 1.4s pmax pmax
PETK Petropavlovsk 20.05 30 LR 03 07 42.0
PETK comp=Z.92m, 21.6s, baz=198, slow=35 T 03 00 40.6 -1.0
PUB Ta-pu 22.26 239 eP 03 01 29.9 +2.3
MA2 Magadan 23.74 12 LR 03 10 25.7
MA2 comp=Z.168m, 1.8s pmax
SEY Seymchan 27.17 11 P 03 01 29.9 +2.3
ULN Ulanbaatar 27.50 305 eP 03 01 30.5 -0.3
ULN Ulanbaatar 27.50 305 eP 03 01 30.5 -0.3
ULN comp=Z.6.0m, 1.0s pmax pmax
BOD Bodaibo 27.80 328 eP 03 01 32.4 -0.8
BOD comp=Z.7.0m, 1.1s pmax pmax
SONA1 Songino Array 27.92 305 eP 03 01 33.9 -0.7
SONA0 Songino Array 27.92 305 eP 03 01 33.5 -1.1
SONM Songino Array 27.92 305 P 03 01 33.5 -1.1
H1N2 WAKE ISLAND Hy 28.03 120 T 03 31 10.5
H1N11 WAKE ISLAND Hy 28.04 120 T 03 31 09.5
H1N12 WAKE ISLAND Hy 28.05 120 T 03 31 09.1
H1N13 WAKE ISLAND Hy 28.05 120 T 03 32 04.8
H1S1 WAKE ISLAND Hy 28.73 122 T 03 32 04.8
H1S3 WAKE ISLAND Hy 28.73 122 T 03 32 08.1
H1S2 WAKE ISLAND Hy 28.73 122 T 03 32 08.1
PBKT Sadao Pong 40.86 252 eP 03 03 26.3 0.0
ZAA0 Zalesovo Array 42.10 313 eP 03 03 35.8 -0.3
ZAA0 comp=Z.9.7m, 0.5s pmax
ZAA1 Zalesovo Array 42.10 313 eP 03 03 35.5 -0.6
ZALV Zalesovo Beam 42.10 313 P 03 03 35.5 -0.6
ZALV comp=Z.7.9m, 0.4s, baz=96, slow=9, SNR=29
ZALV Zalesovo Beam 42.10 313 eP 03 03 35.2 -0.9
NVS Novosibirsk 43.04 314 eP 03 03 43.4 -0.3
RDG Red Dog Mine 43.88 27 eP 03 03 51.2 +0.9
RDG comp=Z.101m, 1.7s pmax pmax
MK01 Makanchi Array 44.24 302 eP 03 03 53.0 -0.6
MK02 Makanchi Array 44.24 302 eP 03 03 53.4 -0.2
MK31 Makanchi Array 44.24 302 eP 03 03 53.2 -0.4
MKAR Makanchi Array 44.24 302 P 03 03 53.2 -0.4
MKAR comp=Z.3.5m, 0.7s, baz=87, slow=10, SNR=26
MKAR Makanchi Array 44.24 302 eP 03 03 53.4 -0.2
MKAR comp=Z.35m, 0.8s pmax pmax
KURK Kurchatov 46.09 308 eP 03 04 07.3 -0.8
KURK comp=Z.16m, 0.6s pmax pmax

NIED 25 02:55:00, 36.70N:141.20E, h44km, Mw4.2 Best double

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like RAMIR Ramite, JIRN Jiri, IM3 Indian Mountai, GUN Gumba, KDAC Kodiak Island, etc.

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

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like YNG Young, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

MOS 25 03:06:49.41.0, 15:375:173:96W, h89km, mb5.4/37, Error ellipse: s-maj=7.8km s-min=6.8km az=49.1

cut-off=50s. Triangular moment-rate function ISC 25 03:06:51.7.0.3, 15:50S, 0.04:173.77W, 0.04, h106km, 2km, h107km, P, n1355, e1826/1384, mb5.1/340,

95C-40, Tonga Islands Code Station Name Az Alt Phase ID Time Res ISC

25d 3h

Table with columns: SRU, Name, Az, El, P, Az, El, P. Includes stations like San Rafael Swe, Butcher Ranch, P17A, BALM, etc.

2012 SEP

Table with columns: Name, Az, El, P, Az, El, P. Includes stations like LOHW Long Hollow, CCB Clear Creek Bu, QLMT Earthquake Lak, etc.

1336

Table with columns: Name, Az, El, P, Az, El, P. Includes stations like BJI comp=Z,240nm,18.0s, BJI comp=Z,160nm,16.7s, ZEA Zeya, etc.

Table with multiple columns containing station names, frequencies, and other technical details. The table is organized into several vertical sections, each starting with a call sign or station name. Each entry typically includes a frequency, a call sign, and a numerical value. Some entries also include additional identifiers like 'PKP', 'PKPb', or 'PKPc'.

Table with columns: Station Name, Station Name, Azimuth, Phase ID, Time, Res, and various station codes. Includes stations like Casey, BKSI, BNSI, etc.

Table with columns: Station Name, Station Name, Azimuth, Phase ID, Time, Res, and various station codes. Includes stations like NC303, NB201, NB2, etc.

Table with columns: Station Name, Station Name, Azimuth, Phase ID, Time, Res, and various station codes. Includes stations like ARCO, CERRO ARCO, ASAL, etc.

UCR 25 07:58:50.5-1.3, 1174N-86.39W, h92km±10km, MD3.9, ML3.3, 1C-3D, Near coast of Nicaragua

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like XAVN, IGCAN, COVNP, APYNE, MOMOM, CONCN, CNGNG, CRIN, etc.

ISCJB 25 08:08:05.8-0.4, 39.61N-01.25.83E, h10km±3km, Error ellipse: s-maj=2.8km s-min=2.4km az=158.9

ATH 25 08:08:05.8, 39.61N-25.90E, h32km±1km, ML3.1/5, Error ellipse: s-maj=1.6km s-min=0.8km az=239.0

DDA 25 08:08:05.3, 39.61N-25.86E, h22km±1km, ML3.4, Error ellipse: s-maj=1.6km s-min=0.8km az=239.0

ISK 25 08:08:05.7, 39.64N-25.84E, h11km, ML3.6/2, Error ellipse: s-maj=1.5km s-min=0.6km az=134.0

THE 25 08:08:06.6, 39.63N-25.86E, h10km±1km, ML2.9/6, Error ellipse: s-maj=1.5km s-min=0.6km az=134.0

ISC 25 08:08:06.2-0.9, 39.62N-01.25.90E, h14km±7km, n103, r190/128, 5-2Z, Aegean Sea

Large table listing seismic stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BOZC, SIGR, PRK, KMSI, etc.

Table listing stations DURS through VRI with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KCTX, SBT3, SMC, SMG, etc.

BUI 25 08:08:23.9, 1.62N-127.55E, h111km, mb4.7/21, mB4.9/12

ISCBJ 25 08:08:25.0-0.2, 1.91N-102.37E, h112km, mb4.5/44, Error ellipse: s-maj=4.9km s-min=3.6km az=173.9

DJA 25 08:08:25.9-0.3, 2.1N-127.7E, h97km±3km, M4.6/9, mb4.6/9, mB4.9/7, MLV4.8/4, MW(mB)4.2/7

IDC 25 08:08:26.5-1.9, 1.17N-127.43E, h109km±1km, mb4.0/18, mb4.1/4, 1/20, mb1m4.0/39, mb1m4.4/20, MS2.9/2, Ms1.2/9.2, ms1m2.4/36, Error ellipse: s-maj=21.5km s-min=9.0km az=80.0

NEIC 25 08:08:27.0-0.5, 1.86N-127.39E, h117km±5km, mb4.7/24, Error ellipse: s-maj=7.2km s-min=3.8km az=71.0

ISC 25 08:08:26.8-0.4, 1.91N-102.37E, h112km, n88, r157/93, mb4.6/44, 1C, Halmahera

Table listing stations TNTI through LZH with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TNTI, LBMI, SGSI, KMSI, etc.

Table listing stations LZH through WMQ with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LZH, HHC, SHL, CN2, USRK, etc.

MK01 Makanchi Array 59.39 326 eP P 08 18 17.5 0.0

MK31 Makanchi Array 59.41 326 eP P 08 18 17.9 +0.2

MKAR Makanchi Array 59.41 326 eP P 08 18 18.0 +0.3

MKAR Makanchi Array 59.41 326 eP P 08 18 18.0 +0.3

MAK2 Makanchi Array 59.60 325 eP P 08 18 19.2 +0.3

KSH Kashi 59.78 316 pP P 08 18 24.5 +4.0

MA2 Magadan 60.31 13 pP P 08 19 06.0 -0.1

KURK Kurchatov 63.62 328 eP P 08 18 45.8 0.0

SEY Seyranchan 63.66 12 pP P 08 18 47.2 +1.4

KK31 Karatay Array 65.00 317 eP P 08 18 55.2 +0.2

KKAR Karatay Array 65.00 317 eP P 08 19 20.4 0.0

CASY Casey 72.34 346 pP P 08 19 39.6 -0.5

NR1K Norik'sh 73.96 321 eP P 08 19 49.6 -0.4

ABKAR Akhalkalaki Array 81.55 173 pP P 08 20 31.0 -0.5

VNDA Vanda 82.28 200 pP P 08 20 35.7 -0.2

MAW Mawson 82.28 200 pP P 08 20 36.0 +0.6

IM3 Indian Mountai 83.74 24 eP P 08 20 44.1 +1.0

PPLA Purkeypile 83.95 27 eP P 08 20 44.0 +0.0

CNPM China Poot 83.99 30 eP P 08 20 45.1 +0.6

SKT Skwentna 84.13 28 eP P 08 20 45.1 -0.1

KTH Katsusha Hill 84.60 26 eP P 08 20 48.0 +0.4

COLD Coldfoot 85.31 23 eP P 08 20 50.0 -1.0

ILAR Eielson Array 86.46 25 eP P 08 20 56.3 -0.5

SYO Syowa Base 90.97 201 eP P 08 21 15.4 -2.4

352A Blakely 134.79 40 ePKPdf PKPdf 08 27 33.9 +0.7

TEH 25 08:15:03.1, 34.80N-51.95E, h5km, ML3.3

THR 25 08:15:04.2, 0.7, 34.82N-51.91E, h14km±7km, ML3.5

ISCJB 25 08:15:05.9-0.4, 34.84N-51.96E, h23km, Error ellipse: s-maj=5.4km s-min=2.6km az=62.6

ISC 25 08:15:05.6-1.2, 34.85N-51.91E, h23km, n44, r130/42, Northern and central Iran

Table listing stations IVRN through IPRN with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like IVRN, GHVR, IDMV, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MASI, JNU, JOW, NKL, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IM3, SAUI, DBIC, DBIC, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRAB, WRAB, WB2, BESE, etc.

MEX 25 08:42:52.04+0.4, 16:25N-98:26W, h1km, 2km, MD3.9, Near coast of Guerrero

MEX 25 08:42:52.04+0.4, 16:25N-98:26W, h16km, 58km, MD3.6, Near coast of Chiapas

MEX 25 09:04:48.70+0.5, 16:30N-98:19W, h14km, 2km, MD3.7, Near coast of Guerrero

ATH 25 09:27:41.7, 35:12N-23:27E, h20km, 1km, ML3.6/3, Error ellipse: s-maj=3.7km s-min=1.2km az=34.0

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like WRAB Tennant Creek, WR1 Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ARPS Mount Arapiles, BOD Bodaibo, HVS Khovu-Aksy, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ARAO ARCESS Array S, ARCES ARCESS Array B, ARCES ARCESS Array C, etc.

ISCJB 25 10:46:17.7, 1.0, 6.24, 67N, 0.03, 122E, 68E, 0.02, h 10km, 5km, Error ellipse: s-maj=4.7km s-min=-3.1km

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like JYNG Yonagunijimaku, VOJ Yonagunijima, EOS1 EOS1, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like NNSB Datong, NNSB Nan Shan, NNSB Danshui, etc.

NNC 25 10:47:19.7±0.2, 42.91N:71.03E, h0km, mpv4.7, 18C-4D, Error ellipse: s-maj=3.0km s-min=0.8km az=24.0, Suspected Mining explosion., Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like KK06 Karatay Array, KK05 Karatay Array, etc.

ISCJB 25 10:56:21.6±0.3, 59.92N:22.39E, h0km, Error ellipse: s-maj=3.4km s-min=2.5km az=167.1, HEL 25 10:56:23.6±0.1, 59.87N:22.30E, h0km, ML2.2, ML2.3(UPP), Explosion

UPP 25 10:56:23.0±1.2, 59.92N:22.36E, h0km, ML2.3
ICC 25 10:56:24.5±1.8, 59.88N:22.43E, h0km, mb1 3.0/4, mb1mx2.9/48, mbtmp3.0/4, ML2.4/4, Error ellipse: s-maj=23.4km s-min=6.3km az=158.0
BER 25 10:56:24.9±3.6, 59.87N:22.44E, h0km, ML2.1(NAO), Suspected explosion

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like MEF Metsahovi, MEF Metsahovi, etc.

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like MEF Rauma, RAF Rauma, etc.

IDC 25 11:01:40.3±8.6, 31.75N:71.08E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.5/4, mbtmp3.4/4, ML3.1/1, Error ellipse: s-maj=287.7km s-min=32.9km az=87.0, Pakistan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ZAL20 Zalesovo Beam, etc.

IDC 25 11:04:17.0±0.9, 21.73N:143.42E, h0km, mb3.7/7, mb1 3.9/7, mb1mx3.6/49, mbtmp3.7/7, Error ellipse: s-maj=89.1km s-min=20.3km az=106.0, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like H11N1 WAKE ISLAND Hy 22.04, H11N2 WAKE ISLAND Hy 22.04, etc.

TIF 25 11:26:08.1, 42.51N:43.61E, h15km, 2km
MOS 25 11:26:08.7±0.2, 42.47N:43.55E, h10km, MPVA3.5
DDA 25 11:26:13.9, 41.87N:43.65E, h7km, MI3.0

ISC 25 11:26:09.1±0.9, 42.48N:0.02±43.57E, h10km, 7km, n31, 0994/60, Western Caucasus

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like ONI Oni, DIGR Digorskoe uzhe, LACR Lac, etc.

IDC 25 11:30:42.4±3.6, 37.10S:179.85W, h0km, mb3.1/2, mb1 3.4/3, mb1mx3.3/18, mbtmp3.1/3, ML2.9/1, Error ellipse: s-maj=117.1km s-min=43.2km az=151.0, East of North Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, etc.

MEX 25 11:36:46.2±0.4, 16.27N:96.47W, h48km±10km, MD3.8, Oaxaca

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

SOME 25 12:04:24.3±1.1, 18N:71.07E, h10km
KRNET 25 12:04:25.9±0.1, 41.32N:71.04E, h1km, mb2.2
NMC 25 12:04:25.9±0.3, 41.13N:71.23E, h0km, mb2.9, mpv2.6

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, ISC. Includes stations like ARCS Arcs Array B, ARCS Arcs Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, FIAO FINES Array S, VANDA Vanda, etc.

ISC/JB 25 14:42:36.8±0.3, 59.87N±0.02, 22.36E±0.04, h0km, Error ellipse: s-maj=3.5km s-min=2.8km az=171.6

HEL 25 14:42:38.1±0.1, 59.79N±22.34E, h0km, ML2.5, ML2.6(UPP), Explosion

NAO 25 14:42:38.2±1.1, 59.88N±22.28E, ML2.2 UPP 25 14:42:38.7±1.1, 59.89N±22.29E, h0km, ML2.6

LVSN 25 14:42:38.2±2.4, 59.82N±22.40E, h0km, ML2.6 IDC 25 14:42:39.4±1.5, 59.90N±22.23E, h0km, mb1 3.3/4,

mb1mx3.0/45, mbtmp3.2/4, ML2.5/4, Error ellipse: s-maj=19.8km s-min=7.3km az=161.0

BER 25 14:42:39.2±3.8, 59.65N±22.16E, h0km, ML2.2(NAO), Suspected explosion

ISC 25 14:42:36.6±0.7, 59.90N±0.03, 22.32E±0.02, h0km, m53, r156/84, Baltic States-Belarus-Northwestern Russia

Main table for station 1359, listing station names, coordinates, and phases. Includes stations like MEF Metsahovi, RAF Rauma, AAL Aaland, etc.

Table for station 1359, listing station names, coordinates, and phases. Includes stations like NRAO, NOA, HEF, etc.

IDC 25 15:00:04.8±2.2, 4.02N±123.54E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/33, mbtmp3.5/3, Error ellipse: s-maj=311.1km s-min=24.8km az=63.0, Celebes Sea

Table for station 1359, listing station names, coordinates, and phases. Includes stations like FAKI, WRA, ASAR, MKAR, etc.

NEIC 25 15:07:00.5±0.0, 31.82N±115.00W, h12km, ML3.2(PAS), ML3.3(ECX), After ECX

ECX 25 15:07:00.5±0.6, 31.82N±115.00W, h12km, MD3.1, ML3.3 MEX 25 15:07:01.0±0.4, 31.84N±114.85W, h15km, MD3.0

ISC 25 15:06:58.5±1.6, 31.73N±114.98W, 0.03, h15km±12km, n42, r132/62, 4C-1D, Gulf of California

Main table for station 1359, listing station names, coordinates, and phases. Includes stations like ECBX, YMD, ZAX, etc.

Table for station 1359, listing station names, coordinates, and phases. Includes stations like KMSI, APSI, MPSI, etc.

MEX 25 15:09:45.0±0.5, 16.26N±98.06W, h20km±20km, MD3.5, Near coast of Guerrero

Table for station 1359, listing station names, coordinates, and phases. Includes stations like PNIG, WRA, etc.

IDC 25 15:13:43.5±2.6, 7.14S±147.25E, h0km, mb3.3/2, mb1 3.5/4, mb1mx3.3/33, mbtmp3.4/4, ML2.7/2, Error ellipse: s-maj=83.0km s-min=24.6km az=90.0, Eastern New Guinea region

Table for station 1359, listing station names, coordinates, and phases. Includes stations like PMG, WRA, ASAR, MKAR, etc.

ISC/JB 25 15:15:08.7±0.3, 39.11N±123.24W, 0.04, h10km, mb4.3/10, MS3.8/9, Error ellipse: s-maj=4.4km s-min=3.0km az=152.9

IDC 25 15:15:09.8±1.3, 39.24N±123.21W, h0km, mb4.0/7, mb1 4.0/12, mb1mx3.8/42, mbtmp3.9/12, ML3.4/5, MS3.8/15, Ms1 3.8/15, ms1mx3.5/37, Error ellipse: s-maj=21.8km s-min=12.6km az=45.0

NEIC 25 15:15:09.9±0.0, 39.17N±123.17W, h12km, mb4.3/3, MV4.5(BRK), After NCEDC

NEIC Fell [V] at Redwood Valley and [W] at Boonville, Hopland, Lakeport, Upper Lake and [IV] at Comanche, Lakesport, Little River, Nice, Philo, Potter Valley and Willits. Fell as far as the San Francisco Bay Area and Garberville.

ISC 25 15:15:10.1±0.5, 39.11N±123.24W, 0.03, h10km, n155, r125/147, mb4.2/10, MS4.0/10, Near coast of northern California

Main table for station 1359, listing station names, coordinates, and phases. Includes stations like HOPS, GHGM, GPM, etc.

25d 15h

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like BCGM Cieneqa Road, PNTR Pine Nut, WAKR Walker, PAHR Pah Rah Range, etc.

2012 SEP

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like VANB Van, TVAN Van, GEVA Gevas, etc.

KRSC 25 15:35:31.2±0.7, 56.00N×161.53E, h29km±17km, ML3.6,

Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like ZLN Zelenaya, BZGR Bezmyanniy-Gr, LGNR Loginova, etc.

IDC 25 15:45:12.7±1.7, 1.11S, 127.60E, h0km, mb3.4/3,

mb1 3.6/4, mb13m3.28, mbmp3.4/4, ML3.4/1, Error ellipse: s-maj=150.9km s-min=22.1km az=67.0,

Halmahera

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

MOS 25 15:48:42.6±1.0, 54.13N, 164.11W, h35km, mb5.1/82,

Error ellipse: s-maj=7.9km s-min=4.5km az=87.2

IDC/B 25 15:48:44.9±0.2, 54.06N, 164.00W, 0.02, h60km, 2km,

mb4, 8/222, MS3, 8/35, Error ellipse: s-maj=3.9km

IDC 25 15:48:44.2±5.4, 54.08N, 164.24W, h40km, 21km, mb4.5/37,

mb1 4.6/39, mb1mx4.5/60, mbtp4, 7/39, ML4, 3/2, MS3, 7/29,

Ms1 3.7/29, ms1mx3.6/36, Error ellipse: s-maj=13.5km

s-min=9.3km az=179.0

BUI 25 15:48:45.2±5.7, 54.17N, 164.39W, h50km, mb4.9/43,

mb5.1/26, Ms4, 7/12, Ms7, 4/4/11

NEIC 25 15:48:46.2±0.2, 54.411N, 164.11W, h55km, 2km, mb4.9/133,

ML4, 7(A)E(C), Error ellipse: s-maj=1.1km s-min=2.1km

az=165.0

NEIC Fell at False Pass.

ISC 25 15:48:45.0±0.6, 54.05N, 164.12W, 0.03, h43km, 4km,

h43km: pP, n85, s19, 879, mb4.9/221, MS3, 8/36,

31C-13D, Unimak Island region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like WESN West Dahl Nort, BRPK Brown Peak, WESB Westdahl Beart, etc.

1360

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like OKNC Okmok New Cone, SDPT Sand Point, OKCE Okmok Cone E, etc.

ISK 25 15:20:49.2, 38°55N, 43°09E, h5km, ML2.5/5
DDA 25 15:20:50.7, 38°60N, 43°07E, h7km, Md2.5
ISC/B 25 15:20:51.2±0.5, 38°64N, 0.03:43°09E:0.03, h5km, 6km,
Error ellipse: s-maj=4.9km s-min=4.1km az=7.5
ISC 25 15:20:50.8±1.0, 38°63N, 0.03:43°09E:0.04, h12km, 9km,

25d 15h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like TX31 Lajitas Ar. Si, T38A Diamond, P41A Barry, Barry, etc.

2012 SEP

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ULN Ulanbatar, ULN Ulanbatar, Z40A Long Farm, Mag, etc.

1362

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SSPA Standing Stone, SSPA Standing Stone, Y49A Blount Mountai, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BRVK Borovoye, 959A Okechobee, ARU Arti, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KKAR Karatay Array, VSR Storozevye, KSH Kashi, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GKN Gorkha, FETA Feichten, KBA Koelbreinsper, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station data including ROSF, DYA, DIA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station data including FIAO, NROA, HFS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station data including W18A, X16A, PV01, etc.

ISC/JB 25 17:46:48.4±0.3, 67.05N±0.02, 20.96E±0.07, h0km, Error ellipse: s-maj=4.1km s-min=2.8km az=157.5

UPP 25 17:46:48.9±1.0, 67.06N±0.295E, h0km, ML1.8

NAO 25 17:46:49.1±1.0, 67.09N±21.04E, ML2.5

HEL 25 17:46:49.6±0.1, 67.07N±20.95E, h0km, ML2.2, ML1.1(UPP), Explosion

BER 25 17:46:51.7±3.7, 67.06N±20.79E, h0km, ML1.8, ML2.5(NAO), Suspected explosion

ISC 25 17:46:49.0±0.8, 67.08N±0.02, 20.96E±0.02, h0km, n50, c090/65, Sweden

ISC/JB 25 17:49:08.7±0.3, 8.99S±0.03, 76.02W±0.05, h150km, mb4.5/51, Error ellipse: s-maj=7.3km s-min=4.4km az=160.3

IDC 25 17:49:08.5±0.6, 8.97S±76.02W, h127km, 5km, mb3.9/11, mb1.4/118, mb1mx2.9/33, mbtmp4.4/18, MS3.0/1, Ms1.3/0/1, ms1mx2.5/24, Error ellipse: s-maj=12.3km s-min=8.3km az=58.0

NEIC 25 17:49:08.5±0.8, 8.99S±75.98W, h128km, 5km, mb4.7/41, Error ellipse: s-maj=7.9km s-min=4.4km az=57.0

BUJ 25 17:49:09.5, 8.90S±75.90W, h110km, mB4.9/3

ISC 25 17:49:08.0±0.4, 8.97S±76.06W±0.08, h150km, n108, c211/113, mb4.5/51, Central Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station data including ATAH, NNA, NNA, etc.

ISC/JB 25 17:49:08.7±0.3, 8.99S±0.03, 76.02W±0.05, h150km, mb4.5/51, Error ellipse: s-maj=7.3km s-min=4.4km az=160.3

IDC 25 17:49:08.5±0.6, 8.97S±76.02W, h127km, 5km, mb3.9/11, mb1.4/118, mb1mx2.9/33, mbtmp4.4/18, MS3.0/1, Ms1.3/0/1, ms1mx2.5/24, Error ellipse: s-maj=12.3km s-min=8.3km az=58.0

NEIC 25 17:49:08.5±0.8, 8.99S±75.98W, h128km, 5km, mb4.7/41, Error ellipse: s-maj=7.9km s-min=4.4km az=57.0

BUJ 25 17:49:09.5, 8.90S±75.90W, h110km, mB4.9/3

ISC 25 17:49:08.0±0.4, 8.97S±76.06W±0.08, h150km, n108, c211/113, mb4.5/51, Central Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station data including ATAH, NNA, NNA, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like GPK Gorka Klasztor, BEL Belsk, MBAR Mbarara, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like GPC GO Pecny, ONDR, NKC Novy Kostel, MEMB Membar, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like WLHM Little Horse, WORM Chimney Peak, ISA Isabella, Lake, etc.

ISC/JB 25 18:43:12.2:0.4, 36:02N:01:118:40W:0.2, h6km, 3km, Error ellipse: s-maj=2.8km s-min=2.3km az=170.2 NE/C 25 18:43:13.3:0.0, 36:01N:118:40W, h5km, ML2.8(PAS),

ISC/JB 25 18:50:14.0:1.3, 36:64N:0:05:71.5E:0.2, h150km, mb2.8/2, Error ellipse: s-maj=22.6km s-min=6.2km NNC 25 18:50:20.3:0.3, 37:26N:71:10E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=23.5km s-min=19.9km az=155.0, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like PNIG Pinotepa, TLIG Tiapa, VHO Vista Hermosa, etc.

MEX 25 22:28:32.7±0.5, 16°24'N, 98°44'W, h4km, 5km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like PNIG Pinotepa, TLIG Tiapa, VHO Vista Hermosa, etc.

NIED 25 22:29:00.22±0.00, 121°50'E, h41km, Mw3.9 Best double couple: M=8.93000x10^14, N1=297.00000°, S1=0.00000°, λ=27.00000°, NP2=45.00000°, δ=9.00000°, λ=137.00000°

JMA 25 22:29:28.5±0.1, 22°95'N, 121°48'E, h33km, M4.0, ISCJB 25 22:29:29.3±0.2, 22°93'N, 121°50'E, h37km, 5km, mb3.3/5, MS2.5/1, Error ellipse: s-maj=2.9km s-min=2.1km az=137.8

TAP 25 22:29:29.9±0.2, 22°96'N, 121°41'E, h37km, ML4.2, IDC 25 22:29:29.1±0.2, 23°07'N, 121°37'E, h140km, 7km, mb3.0/5, mb1.3/7, mb1mx3.0/38, mbtmp3.5/7, MS2.6/1, Ms1 2.8/1, ms1mx2.4/7, Error ellipse: s-maj=27.2km s-min=19.9km az=66.0

ISC 25 22:29:29.9±0.9, 22°95'N, 121°45'E, h40km, 2km, n137, r19/02/190, mb3.3/5, 21C-20D, Taiwan region

Main table for MEX stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CHKT Chengkung, FULB Fulli, TWGBT Beinan, etc.

Main table for TWM stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWM Shoushan, SCZT Fangliu, SCZT baz=232, CHN3 Shinhua, etc.

Main table for JYNG stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JYNG Yonagunijimaku, YJNG Yonaguni jima, YOJ Yonaguni jima, etc.

IDC 25 22:30:48.8±3.8, 64°55'S, 177°00'E, h0km, mb4.0/3, mb1 4.2/4, mb1mx4.0/17, mbtmp4.1/4, ML4.2/1, MS3.8/10, Ms1 3.8/10, ms1mx3.6/20, Error ellipse: s-maj=146.4km s-min=25.6km az=69.0, Balleny Islands region

Table for IDC stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like VVDC Vanda, RPZ Rata Peaks, QSPA South Pole Qui, etc.

ISCJB 25 22:50:46.6±0.7, 23°71'N, 122°58'E, h8km, 5km, Error ellipse: s-maj=3.4km s-min=2.4km az=135.3

Table for ISCJB stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JYNG Yonagunijimaku, YJNG Yonaguni jima, etc.

LP1G		eS	Sg	23 45 46.1 -0.2	Z1IG	Zihuatanejo	10.81 130	eP	Pn	23 48 06.2 +6.7	LV1G	Laguna Verde	13.70 109	eP	Pn	23 48 39.3 +0.3	
SLBS	Sierra La Laguna	1.10 169	eP	Pg	23 45 44.2 -1.4	Z1IG		eS	Sn	23 50 25.9 +2.5	LV1G		iS	Sn	23 51 09.2 -2.3		
SR1G	Santa Rosalia	3.14 324	eP	Pn	23 46 12.4 -1.7	Z1IG	Zihuatanejo	10.81 130	eP	Sn	23 47 59.9 +0.3	PV09	Paradox Valley	13.71 3	eP	Pn	23 48 43.4 +0.4
SR1G	Santa Rosalia	3.14 324	eP	Pn	23 46 11.3 -2.8	Z1IG		iS	Sn	23 50 00.4 -0.4	HKT	Hockley	13.75 65	eP	Pn	23 48 41.1 +1.5	
MA1G	Mazatlan	3.78 114	eP	Pn	23 46 21.8 -1.2	JCT	Junction City	10.81 56	eP	Lg	23 48 00.4 +0.8	HKT	Hockley	13.75 65	eP	Pn	23 48 41.1 +1.5
MA1G	Mazatlan	3.78 114	eP	Pn	23 46 21.8 -1.2	JCT	Junction City	10.81 56	eP	Lg	23 48 00.4 +0.8	LV1G	Paradox Valley	13.71 3	eP	Pn	23 48 41.1 +1.5
MA1G	Mazatlan	3.78 114	eP	Pn	23 46 21.8 -1.2	JCT	Junction City	10.81 56	eP	Lg	23 48 00.4 +0.8	MSU	Marysville	13.80 353	eP	Pn	23 48 44.6 +4.1
MA1G	Mazatlan	3.78 114	eP	Pn	23 46 21.8 -1.2	JCT	Junction City	10.81 56	eP	Lg	23 48 00.4 +0.8	TCRU	Three Creeks R	13.93 353	eP	Pn	23 48 45.7 +3.4
HS1G		4.28 351	eP	Pn	23 46 29.2 -0.7	SCI2	San Clemente I	10.97 320	P	Pn	23 48 03.5 +1.8	PAGE	Antelope Grade	13.95 324	eP	Pn	23 48 44.7 +2.3
HS1G		4.28 351	eP	Pn	23 47 16.9 -3.2	SCI2	San Clemente I	10.97 320	P	Pn	23 48 03.5 +1.8	WMOK	Wichita Mounta	14.01 42	eP	Pn	23 48 43.5 +0.3
HS1G		4.28 351	eP	Pn	23 46 28.2 -1.7	GMRC	Granite Mounta	11.05 336	P	Pn	23 48 05.2 +2.4	WMOK	Wichita Mounta	14.01 42	eP	Pn	23 48 43.5 +0.3
HS1G		4.28 351	eP	Pn	23 46 28.2 -1.7	GMRC	Granite Mounta	11.05 336	P	Pn	23 48 05.2 +2.4	WMOK	Wichita Mounta	14.01 42	eP	Pn	23 48 43.5 +0.3
HP1G		4.60 61	eP	Pn	23 46 34.3 -0.1	LDFC	Landfair	11.12 339	eP	Pn	23 48 07.4 +3.6	WMOK	Wichita Mounta	14.01 42	eP	Pn	23 48 43.5 +0.3
HP1G		4.60 61	eP	Pn	23 46 34.3 -0.1	LDFC	Landfair	11.12 339	eP	Pn	23 48 07.4 +3.6	WMOK	Wichita Mounta	14.01 42	eP	Pn	23 48 43.5 +0.3
HP1G		4.60 61	eP	Pn	23 47 26.2 -2.1	BBRC	Big Bear Solar	11.12 339	eP	Pn	23 48 07.4 +3.7	PNIG	Pinotepa	14.03 124	eP	Pn	23 48 48.1 -3.5
CG1G		5.90 19	eP	Pn	23 46 53.8 +1.5	TOVM	TOLUCA	11.17 117	eP	Pn	23 48 12.2 +7.5	PNIG	Pinotepa	14.03 124	eP	Pn	23 48 48.1 -3.5
CG1G		5.90 19	eP	Pn	23 46 53.8 +1.5	ARIG	Puente Sto Nin	11.20 123	eP	Pn	23 48 10.4 +5.5	PNIG	Pinotepa	14.03 124	eP	Pn	23 48 48.1 -3.5
CG1G		5.90 19	eP	Pn	23 46 53.8 +1.5	ARIG	Puente Sto Nin	11.20 123	eP	Pn	23 48 10.4 +5.5	TIN	Tinemaha, Big	14.04 333	eP	Pn	23 48 47.0 +3.3
CG1G		5.90 19	eP	Pn	23 46 53.8 +1.5	ARIG	Puente Sto Nin	11.20 123	eP	Pn	23 48 10.4 +5.5	PSUT	Pine Spring	14.07 348	eP	Pn	23 48 47.3 +3.1
319A	Douglas	6.62 7	eP	Pn	23 47 02.2 0.0	CIS	Catalina Islan	11.21 322	P	Pn	23 48 07.4 +2.5	R11A	Troy Canyon, C	14.29 343	eP	Pn	23 48 50.2 +3.0
CJM	Chamela	7.09 137	eP	Pn	23 47 12.6 +4.2	MSTX	Muleshoe	11.21 33	eP	Pn	23 48 06.8 +1.8	R11A	Troy Canyon, C	14.29 343	eP	Pn	23 48 49.8 +2.6
CJM	Chamela	7.09 137	eP	Pn	23 47 07.0 -0.6	MSTX	Muleshoe	11.21 33	eP	Pn	23 48 07.0 +2.0	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 12.3 +1.2	AZVM	Guila Lopez Ma	11.34 115	eP	Pn	23 48 14.3 +7.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 12.3 +1.2	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael Sve	14.30 359	eP	Pn	23 48 50.5 +3.2
ZA1G	Zacatecas	7.26 104	eP	Pn	23 47 11.7 +0.6	HEC	Hector Ludlow	11.35 333	P	Pn	23 48 09.1 +2.2	SRU	San Rafael				

PVMO	comp=Z,4um,1.6s		LR	LR			
LCM	comp=Z,81um,18.0s						
LRM	Lewis and Clark	21.06	357	eP	P	23 50 11.2 +2.1	
HALT	Limekiln Ridge	21.08	356	eP	P	23 50 10.9 +1.6	
HALT	Halls	21.09	53	eP	P	23 50 10.5 +1.2	
HALT	comp=Z,3um,1.3s				LR	LR	
U44A	Portageville	21.11	52	P	P	23 50 10.8 +1.4	
X46A	Booneville	21.11	58	P	P	23 50 10.5 +1.0	
PARMO	Parma	21.14	51	eP	P	23 50 10.8 +1.0	
PARMO	comp=Z,859nm,1.1s				LR	LR	
449A	Pace	21.16	68	P	P	23 50 12.0 +1.9	
R42A	Luebbering	21.26	46	P	P	23 50 11.5 +0.4	
U44B	Burton Farm, H	21.28	52	P	P	23 50 12.9 +1.6	
GLAT	Glass	21.29	53	eP	P	23 50 13.7 +2.3	
GLAT	comp=Z,3um,1.4s				LR	LR	
V45A	Humboldt	21.30	54	P	P	23 50 12.9 +1.4	
349A	Repton	21.30	67	P	P	23 50 12.9 +1.3	
148A	Greensboro	21.30	63	P	P	23 50 13.0 +1.4	
FVM	French Village	21.34	47	eP	P	23 50 13.1 +1.1	
FVM	comp=Z,86um,18.0s				LR	LR	
FVM	French Village	21.34	47	eP	P	23 50 13.1 +1.1	
FVM	comp=Z,1um,1.3s				MLR	MLR	
Q41A	Truxton	21.36	44	P	P	23 50 12.8 +0.7	
S43A	Fulton Ridge	21.36	49	P	P	23 50 12.7 +0.5	
O39A	Kirksville	21.38	40	P	P	23 50 12.8 +0.6	
BRAL	Brewton	21.38	67	eP	P	23 50 14.3 +1.9	
BRAL	comp=Z,4um,1.6s				LR	LR	
BRAL	Brewton	21.38	67	P	P	23 50 14.0 +1.6	
I04A	Tendick Farm	21.45	335	P	P	23 50 12.7 -0.4	
Y47A	UCPARC, Winfie	21.45	60	P	P	23 50 14.2 +1.1	
T44A	Benton	21.46	50	P	P	23 50 14.2 +1.1	
W46A	Michie	21.49	56	P	P	23 50 14.2 +0.7	
249A	Camden	21.50	65	P	P	23 50 14.6 +1.0	
Z48A	Northport	21.52	61	P	P	23 50 14.8 +0.9	
I05D	Terrebonne, OR	21.53	338	P	P	23 50 14.7 +0.7	
L36A	Harm Buss Farm	21.53	33	P	P	23 50 14.4 +0.5	
J01D	Myrtle Point	21.54	332	P	P	23 50 14.5 +0.5	
PRLK	Prince Lake	21.64	337	eP	P	23 50 16.3 +1.1	
SUSD	Miller	21.65	22	P	P	23 50 16.6 +1.4	
X47A	Russellville	21.66	58	P	P	23 50 16.1 +0.7	
PLAL	Pickwick Lake	21.66	57	eP	P	23 50 16.6 +1.2	
PLAL	comp=Z,973nm,1.4s				LR	LR	
G08A	Pilot Rock	21.67	343	eP	P	23 50 16.0 +0.5	
G08A	comp=Z,727nm,2.0s				LR	LR	
450A	Crestview	21.70	69	P	P	23 50 17.5 +1.6	
U45A	Rockin P Farm	21.70	53	P	P	23 50 17.0 +1.1	
I03D	Drain, OR	21.74	334	P	P	23 50 16.1 0.0	
Q42A	Golden Eagle	21.78	45	P	P	23 50 17.6 +0.9	
N39A	Derby Farms, D	21.81	38	eP	P	23 50 17.7 +0.7	
N39A	comp=Z,360nm,1.0s				LR	LR	
N39A	Derby Farms, D	21.81	38	P	P	23 50 17.5 +0.5	
SLM	Saint Louis	21.82	46	eP	P	23 50 18.1 +1.0	
SLM	comp=Z,2um,1.3s				LR	LR	
SLM	Saint Louis	21.82	46	eP	P	23 50 18.1 +1.0	
SLM	comp=Z,114um,18.0s				MLR	MLR	
R43A	Red Bud	21.83	47	P	P	23 50 17.9 +0.7	
LRAL	Lakeview Retre	21.87	63	eP	P	23 50 18.6 +1.0	
LRAL	comp=Z,1um,1.4s				LR	LR	
LRAL	Lakeview Retre	21.87	63	P	P	23 50 18.8 +1.1	
P41A	Barry, Barry	21.90	43	P	P	23 50 18.5 +0.6	
F10A	Beach Ranch, E	21.90	347	eP	P	23 50 18.9 +1.0	
F10A	comp=Z,582nm,1.4s				LR	LR	
149A	Jones	21.92	64	P	P	23 50 19.1 +0.9	
HRY	Holter Researc	21.93	357	eP	P	23 50 19.7 +1.4	
ECSD	EROS Data Cent	21.93	27	eP	P	23 50 19.0 +0.7	
ECSD	comp=Z,338nm,1.2s				LR	LR	
ECSD	EROS Data Cent	21.93	27	P	P	23 50 18.9 +0.6	
V46A	Holladay	21.95	55	P	P	23 50 18.6 +0.1	
S44A	Carbondale	21.99	49	P	P	23 50 19.1 +0.2	
Y48A	Jasper	21.99	60	P	P	23 50 19.2 +0.3	
SIUC	Southern Illin	22.02	49	eP	P	23 50 20.7 +1.4	
SIUC	comp=Z,2um,1.6s				LR	LR	
350A	Dozier	22.03	67	P	P	23 50 21.2 +1.8	
K36A	Gilmore City	22.04	32	P	P	23 50 20.1 +0.7	
T45A	Paducah	22.09	51	eP	P	23 50 19.7 -0.3	
T45A	comp=Z,91um,18.0s				LR	LR	
T45A	Paducah	22.09	51	P	P	23 50 21.1 +1.1	
LAO	LASA Array	22.10	7	eP	P	23 50 20.9 +0.9	
LAO	comp=Z,1um,1.4s				LR	LR	
LAO	LASA Array	22.10	7	P	P	23 50 21.3 +1.2	
G06A	Carlson Farm	22.10	340	eP	P	23 50 20.6 +0.6	
G06A	comp=Z,530nm,1.6s				LR	LR	
W47A	Westpoint	22.12	57	P	P	23 50 20.8 +0.4	
H04A	Detroit Lake	22.13	337	eP	P	23 50 20.9 +0.5	
H04A	comp=Z,577nm,1.4s				LR	LR	
H04A	Detroit Lake	22.13	337	P	P	23 50 20.9 +0.5	
SCIA	State Center	22.13	35	eP	P	23 50 21.4 +1.0	

SCIA	comp=Z,799nm,1.5s				LR	LR	
SCIA	State Center	22.13	35	P	P	23 50 21.1 +0.7	
U46A	Springville	22.14	53	P	P	23 50 21.8 +1.4	
H04D	Lebanon	22.20	336	P	P	23 50 20.4 -0.6	
250A	Grady	22.20	66	eP	P	23 50 23.0 +1.7	
250A	comp=Z,4um,1.7s				LR	LR	
250A	comp=Z,46um,18.0s				LR	LR	
250A	Grady	22.20	66	P	P	23 50 22.8 +1.5	
MSO	Missoula	22.21	353	eP	P	23 50 22.1 +0.8	
MSO	comp=Z,362nm,1.4s				LR	LR	
MSO	comp=Z,42um,18.0s				LR	LR	
MSO	Missoula	22.21	353	P	P	23 50 22.4 +1.1	
X48A	Hartselle	22.27	59	eP	P	23 50 22.8 +0.9	
X48A	comp=Z,598nm,1.3s				LR	LR	
X48A	Hartselle	22.27	59	P	P	23 50 21.8 -0.1	
O41A	Passleys Farm	22.27	42	P	P	23 50 23.0 +1.1	
I02D	Swisshome	22.28	333	P	P	23 50 22.7 +0.8	
P42A	Winchester	22.29	44	eP	P	23 50 23.7 +1.6	
P42A	comp=Z,2um,1.6s				LR	LR	
P42A	Winchester	22.29	44	P	P	23 50 23.0 +0.9	
Z49A	Columbiana	22.29	62	P	P	23 50 23.3 +1.1	
WVT	Waverly	22.29	54	eP	P	23 50 23.1 +0.9	
WVT	comp=Z,627nm,1.3s				LR	LR	
WVT	Waverly	22.29	54	eP	P	23 50 23.1 +0.9	
WVT	comp=Z,627nm,1.3s				MLR	MLR	
WVT	Waverly	22.29	54	P	P	23 50 23.0 +0.9	
G05D	Wamic, OR	22.32	339	P	P	23 50 22.3 -0.1	
N40A	Mertquake, Sal	22.34	40	P	P	23 50 23.2 +0.5	
Q43A	New Douglas	22.34	46	P	P	23 50 23.1 +0.4	
415A	Vernon	22.39	69	eP	P	23 50 24.7 +1.5	
451A	comp=Z,59um,22.0s				LR	LR	
451A	Vernon	22.39	69	P	P	23 50 24.3 +1.1	
R44A	Waltonville	22.39	48	P	P	23 50 24.1 +1.0	
M39A	Webster	22.40	38	P	P	23 50 23.5 +0.2	
V47A	Nunnely	22.40	55	P	P	23 50 23.7 +0.3	
S45A	Carrier Mills	22.45	50	P	P	23 50 24.8 +1.0	
COR	Corvallis	22.46	335	eP	P	23 50 24.3 +0.4	
COR	comp=Z,877nm,1.4s				LR	LR	
COR	Corvallis	22.46	335	eP	P	23 50 24.3 +0.4	
COR	comp=Z,877nm,1.4s				MLR	MLR	
F07A	Phinny Hill Vi	22.49	342	eP	P	23 50 25.4 +1.2	
F07A	comp=Z,414nm,1.6s				LR	LR	
K37A	Belmond	22.54	33	P	P	23 50 25.2 +0.4	
150A	Eclectic	22.55	64	P	P	23 50 25.9 +0.9	
Y49A	Blount Mountai	22.58	61	eP	P	23 50 26.4 +1.1	
Y49A	comp=Z,958nm,1.5s				LR	LR	
Y49A	Blount Mountai	22.58	61	P	P	23 50 25.2 0.0	
W48A	Pulaski	22.59	57	P	P	23 50 26.0 +0.7	
E09A	Wood Farm, Sta	22.61	346	eP	P	23 50 25.2 -0.2	
E09A	comp=Z,911nm,2.0s				LR	LR	
351A	Pinckard	22.62	68	P	P	23 50 26.5 +0.8	
T46A	Princeton	22.64	52	P	P	23 50 27.2 +1.3	
N41A	Harden Midland	22.66	41	eP	P	23 50 26.8 +0.8	
N41A	comp=Z,2um,1.4s				LR	LR	
N41A	Harden Midland	22.66	41	P	P	23 50 26.5 +0.6	
552A	Lynn Haven	22.70	71	P	P	23 50 26.9 +0.4	
M40A	Post Highland	22.72	39	P	P	23 50 26.7 0.0	
Q04A	Meyer Farm, Va	22.77	47	P	P	23 50 28.4 +1.2	
Z50A	Ashland	22.80	63	eP	P	23 50 28.3 +0.7	
Z50A	comp=Z,966nm,1.3s				LR	LR	
Z50A	Ashland	22.80	63	P	P	23 50 28.4 +0.8	
E08A	Dider Farm, El	22.81	344	eP	P	23 50 27.3 -0.3	
E08A	comp=Z,463nm,1.7s				LR	LR	
O42A	Bath	22.81	43	P	P	23 50 28.3 +0.6	
U47A	Clarksville	22.82	54	P	P	23 50 28.4 +0.6	
HAWA	Hanford	22.84	343	eP	P	23 50 28.5 +0.6	
HAWA	comp=Z,422nm,1.8s				LR	LR	
P43A	Skaggs, Pawnee	22.84	45	P	P	23 50 28.6 +0.6	
X49A	Woodville	22.85	59	P	P	23 50 28.3 +0.2	
V48A	Smith Brothers	22.89	56	eP			

25d 23h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like DGMT, L42A, R47A, etc.

2012 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Y53A, J41A, T50A, etc.

1378

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like I42A, M46A, A04D, etc.

060A	comp=Z,233nm,1.1s baz=272	26.89	79	P	P	23 51 06.2	+0.3
M48A	Edgerton comp=Z,469nm,1.5s	26.92	46	eP	P	23 51 05.9	-0.2
M48A	comp=Z,114um,21.0s baz=239	26.92	46	P	P	23 51 05.6	-0.4
F41A	Three Lakes comp=Z,593nm,1.6s	26.94	34	eP	P	23 51 06.0	-0.2
F41A	comp=Z,63um,19.0s baz=226	26.94	34	P	P	23 51 05.9	-0.3
G42A	Mountain comp=Z,450nm,1.5s	26.95	35	eP	P	23 51 06.6	+0.4
G42A	Mountain comp=Z,58um,21.0s baz=228	26.95	35	P	P	23 51 05.7	-0.5
J45A	Montague baz=234	26.95	40	P	P	23 51 05.6	-0.7
KM5C	Kings Mountain comp=Z,184nm,1.1s	26.96	61	eP	P	23 51 06.0	-0.5
KM5C	comp=Z,86um,20.0s				LR		
KM5C	Kings Mountain baz=255	26.96	61	P	P	23 51 06.5	+0.1
R52A	Catlettsburg baz=248	26.96	53	P	P	23 51 06.0	-0.4
N49A	Columbus Grove comp=Z,266nm,1.3s	27.00	47	eP	P	23 51 06.6	-0.1
N49A	comp=Z,90um,19.0s Columbus Grove baz=244	27.00	47	P	P	23 51 06.6	-0.1
O50A	Cable baz=243	27.02	49	P	P	23 51 06.7	-0.2
E40A	Wakefield baz=224	27.05	32	P	P	23 51 07.0	-0.1
P51A	Williamsport comp=Z,409nm,1.6s	27.12	51	eP	P	23 51 08.6	+0.8
P51A	Williamsport baz=245	27.12	51	P	P	23 51 08.0	+0.2
COWI	Conover comp=Z,321nm,1.4s	27.17	33	eP	P	23 51 08.9	+0.6
COWI	comp=Z,81um,18.0s Lillicoet				LR		
LLLb	comp=Z,245nm,1.7s	27.33	344	eP	P	23 51 09.5	-0.2
LLLb	comp=Z,56um,21.0s N Adams	27.34	45	P	P	23 51 09.8	0.0
L48A	N Adams baz=239	27.34	41	P	P	23 51 09.5	-0.3
J46A	Howard City baz=235	27.35	36	eP	P	23 51 09.8	0.0
G43A	Wallace comp=Z,296nm,1.4s	27.35	36	eP	P	23 51 09.8	0.0
G43A	comp=Z,50um,21.0s Wallace baz=229	27.35	36	P	P	23 51 09.4	-0.4
K47A	Vermontville baz=237	27.36	43	P	P	23 51 09.2	-0.8
F5C1	Frank Sound, G comp=Z,2um,1.9s Liberty Center baz=240	27.39	96	eP	P	23 51 11.5	+1.0
M49A	Roger Stewart comp=Z,1um,1.0s Maple Grove Fa baz=228	27.40	46	eP	P	23 51 10.0	-0.3
RGRS	Roger Stewart comp=Z,1um,1.0s Maple Grove Fa baz=228	27.42	66	eP	P	23 51 10.7	+0.1
F42A	Maple Grove Fa baz=228	27.45	35	P	P	23 51 09.8	-1.0
EYMN	Ely comp=Z,181nm,1.0s	27.45	28	eP	P	23 51 10.9	+0.1
EYMN	comp=Z,46um,18.0s				LR		
EYMN	Ely baz=219	27.45	28	P	P	23 51 09.7	-1.0
NH5C	New Hope comp=Z,564nm,1.3s	27.47	66	eP	P	23 51 12.3	+1.3
NH5C	comp=Z,66um,20.0s				LR		
NH5C	New Hope baz=260	27.47	66	P	P	23 51 11.5	+0.5
Q52A	Bidwell baz=247	27.48	52	P	P	23 51 10.4	-0.6
ESPN	Las Esperanzas comp=Z,37um,21.0s	27.49	112	PFAKE	P	23 51 20.0	+8.6
ESPN	Las Esperanzas comp=Z,282nm,1.4s	27.49	49	eP	P	23 51 12.1	+0.7
ACSO	Alum Creek Sta comp=Z,60um,19.0s	27.49	49	P	P	23 51 12.0	+0.8
ACSO	Alum Creek Sta baz=244	27.49	49	P	P	23 51 10.9	-0.3
VCR	Vista de Mar baz=225	27.51	118	eP	P	23 51 14.9	+3.2
E41A	Kenton baz=225	27.52	33	P	P	23 51 11.1	-0.2
MESS	Mesas comp=Z,14.9um,1.8s	27.52	116	eP	P	23 51 14.9	+3.2
CSU	Charleston Sou comp=Z,15.5um,1.8s	27.54	66	eP	P	23 51 13.1	+1.4
CUI	Cuipilapa comp=Z,15.5um,1.8s	27.59	116	eP	P	23 51 15.5	+3.1
PLVR	Palo Verde baz=243	27.61	117	eP	P	23 51 15.5	+2.8
N50A	Nevada baz=243	27.62	48	P	P	23 51 12.2	-0.1
O51A	Pataskala baz=244	27.72	50	P	P	23 51 12.7	-0.5
ULM	Lac du Bonnet comp=Z,30nm,0.9s,baz=219,slow=9.6,SNR=15	27.75	20	P	P	23 51 13.2	-0.2
ULM	comp=Z,26nm,1.1s,baz=219,slow=1.7,SNR=3.6				PcP	23 54 28.7	-1.2
ULM	comp=Z,35um,19.1s,baz=206,slow=36				LR	00 02 04.5	
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 54 28.7	-1.2
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23 51 13.7	+0.3
ULM	Lac du Bonnet comp=Z,465nm,1.8s	27.75	20	eP	P	23	

25d 23h

2012 SEP

1380

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like DLBC, MOTA, LBNH, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like LMN, MTP, PUAH, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like GLI, GBN, SABA, etc.

1383

Table with columns for flight ID, destination, time, status, and other flight details. Includes destinations like Bornholm Skovb, Ternei, Pean de Kul dur, etc.

2012 SEP

Table with columns for flight ID, destination, time, status, and other flight details. Includes destinations like Panska Ves, Reutte, Prague, etc.

25d 23h

Table with columns for flight ID, destination, time, status, and other flight details. Includes destinations like Ignalina, Hachiojima 2, Abfattersbach, etc.

Table with columns for station name, time, frequency, and signal strength. Includes stations like ARSA Arzberg, DZM Mont Dzumac, and many others.

Table with columns for station name, time, frequency, and signal strength. Includes stations like OBN Obninsk, AK11 Kiev, and many others.

Table with columns for station name, time, frequency, and signal strength. Includes stations like ARU Rabaul, MOY Mody, and many others.

26d Oh

Table with columns: WVT, Wavely, 22.38 54 P, P, 00 10 27.3 0.0, ... (Main station list)

2012 SEP

Table with columns: 16nm,1.2s, 24.76 71 P, P, 00 10 50.6 -0.1, ... (Secondary station list)

1388

Table with columns: CPUP, Villa Florida, 71.95 131 P, P, 00 16 52.1 -0.5, ... (Station list for 1388)

JMA 26:00:24.4,36:62N-140:61E, h10km, 1km, M3.6, 3C-2D Broadband fault plane solution: P waves. NP1: ...

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res (Station list for JMA)

ATH 26:00:08:32.9,36:44N-28:87E, h42km, 2km, ML2,2/4 Error ellipse: s-maj=3.3km s-min=1.2km az=165.0 ...

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res (Station list for ATH)

ISCJB 26:00:08:33.0,36:43N,0:03-28:86E, h24km, 3km, Error ellipse: s-maj=4.9km s-min=3.5km az=161.1 ...

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res (Station list for ISCJB)

Table with columns: KARP, Karpathos, 1.65 239 P, P, 00 08 01.0 +0.2, ... (Station list for KARP)

26d Oh

2012 SEP

1390

241A	Mo Tay, Goldon	16.88	61	P	Pn	00 21 50.8 +0.4
PHWY	Pilot Hill	16.86	13	ePn	P	00 21 54.6 +1.0
240A	Long Farm, Mag	16.99	56	P	P	00 21 51.5 -0.3
X39A	Fountain Ranch	17.05	52	P	Pn	00 21 52.2 -0.4
RWWY	Rawlins	17.05	8	ePn	P	00 21 54.5 -0.1
HVU	Hansel Valley	17.08	354	ePn	P	00 21 55.0 +0.1
342A	Flagon Creek P	17.14	63	ePn	P	00 21 54.9 -0.5
BEKR	Beckworth	17.27	333	ePn	P	00 21 57.0 0.0
Y40A	Okolona	17.41	54	P	Pn	00 21 56.5 -0.6
Z41A	Richland Creek	17.44	57	ePn	P	00 21 58.8 +0.1
Z41A	Richland Creek	17.44	57	P	P	00 21 58.1 -0.6
MIAR	Mount Ida	17.45	52	ePn	Pn	00 21 57.0 -0.5
MIAR	Mount Ida	17.45	52	P	Pn	00 21 57.1 -0.5
242A	Grayson	17.50	61	P	Pn	00 21 57.5 -0.7
ORV	Oroville	17.51	330	ePn	P	00 22 00.5 +1.1
OGNE	Ogallala	17.53	21	ePn	P	00 22 00.0 +0.3
OGNE	Ogallala	17.53	21	P	P	00 22 00.5 +0.7
W39A	Magazine	17.63	50	ePn	P	00 22 00.4 -0.4
W39A	Magazine	17.63	50	P	Pn	00 22 00.1 +0.3
Y41A	Eaglette Beard	17.85	55	P	Pn	00 22 01.5 -1.0
BW06	Boulder Array	17.95	2	ePn	P	00 22 05.4 +0.8
BW06	Boulder Array	17.95	2	P	P	00 22 04.4 -0.1
PD31	Pinedale Array	17.95	2	ePn	P	00 22 05.3 +0.8
PDAR	Pinedale Array	17.95	2	Pn	P	00 22 05.3 +0.8
PDAR	Pinedale Array	17.95	2	PcP	PcP	00 26 39.6 0.0
PDAR	Pinedale Array	17.95	2	LR	LR	00 28 52.2
PDAR	Pinedale Array	17.95	2	ePn	P	00 22 04.0 +0.1
PDAR	Pinedale Array	17.95	2	PcP	PcP	00 26 39.6 0.0
AHID	Auburn Hatcher	17.95	358	ePn	P	00 22 04.9 +0.4
X40A	Basin Creek Fa	17.96	53	ePn	P	00 22 04.0 -0.4
X40A	Basin Creek Fa	17.96	53	P	P	00 22 02.8 -1.0
V39A	Pettigrew	18.07	49	P	Pn	00 22 04.2 -1.2
K22A	Casper	18.09	9	ePn	P	00 22 07.4 +1.4
K22A	Casper	18.09	9	P	P	00 22 07.9 +1.9
H2AR	Hobbs	18.12	47	ePn	Pn	00 22 05.2 -0.7
W40A	Ferguson Farm,	18.13	51	ePn	P	00 22 06.3 0.0
W40A	Ferguson Farm,	18.13	51	P	Pn	00 22 05.8 -0.2
X41A	Kaden, Bauxite	18.20	54	P	P	00 22 06.9 -0.1
O03D	Paynes Creek	18.24	331	P	P	00 22 09.7 +2.1
143A	Socs Landing,	18.32	60	ePn	P	00 22 09.3 +1.0
143A	Socs Landing,	18.32	60	P	P	00 22 08.7 +0.4
T38A	Diamond	18.33	44	P	P	00 22 08.4 -0.2
KSU1	Kansas State U	18.36	36	eP	P	00 22 09.7 +0.9
KSU1	Kansas State U	18.36	36	P	P	00 22 09.2 +0.4
UALR	University of	18.45	53	eP	P	00 22 11.0 +1.2
344A	Westbrook Farm	18.46	65	eP	Pn	00 22 11.2 +1.2
344A	Westbrook Farm	18.46	65	P	P	00 22 09.8 -0.2
UC3A	Green Forest	18.48	47	P	P	00 22 08.9 -1.3
CCAR	Cane Creek	18.50	56	eP	P	00 22 11.4 +1.0
REDW	Red Top Meadow	18.54	359	eP	Pn	00 22 12.7 +1.5
O02D	Mt. Diablo Mer	18.60	329	P	Pn	00 22 13.4 +1.6
V40A	Witts Springs	18.62	50	eP	P	00 22 11.5 -0.2
V40A	Witts Springs	18.62	50	Pn	Pn	00 22 11.8 -0.2
TPAW	Teton Pass	18.67	358	eP	Pn	00 22 13.1 +0.3
W41B	Gary Mavity, V	18.71	52	eP	Pn	00 22 13.2 +0.1
W41B	Gary Mavity, V	18.71	52	P	P	00 22 12.6 -0.1
WHAR	Woolly Hollow	18.74	52	eP	P	00 22 13.6 +0.2
LOHW	Long Hollow	18.79	359	eP	Pn	00 22 15.1 +0.9
WDC	Whiskeytown Da	18.80	330	eP	Pn	00 22 15.8 +1.7
FXWY	Fox Creek	18.82	358	eP	Pn	00 22 15.3 +0.7
X42A	Stuttgart	18.88	55	P	P	00 22 13.1 -1.5
U40A	Yellville	18.89	48	P	P	00 22 13.5 -1.2
T39A	Cleaver	18.91	46	P	P	00 22 14.8 -0.1
WVOR	Wild Horse Val	18.92	341	eP	Pn	00 22 16.1 +0.5
MOOW	Moose Ponds	18.93	359	eP	Pn	00 22 17.4 +1.6
MOD	Moooc Plateau	19.00	336	eP	Pn	00 22 18.4 +1.8
HLID	Hailey	19.04	351	eP	Pn	00 22 18.6 +1.5
HLID	Hailey	19.04	351	P	Pn	00 22 18.2 +1.0
V41A	Mountainview	19.07	51	P	P	00 22 16.7 0.0
IMW	Indian Meadow	19.08	359	eP	Pn	00 22 18.1 +0.3
KMRM	KMR Mail Ridge	19.08	327	eP	P	00 22 17.4 +0.6
N02D	Trinity Center	19.20	330	P	P	00 22 17.3 -0.8
FLWY	Flagg Ranch	19.26	359	eP	Pn	00 22 20.3 +0.5
R38A	Fenwick Farm,	19.28	42	P	P	00 22 18.4 -0.6
245A	Little AP, Sta	19.31	63	P	Pn	00 22 19.9 -0.4
S39A	Bolivar	19.34	44	eP	Pn	00 22 20.1 -0.6
S39A	Bolivar	19.34	44	P	P	00 22 19.4 -0.2
BGNE	Belgrade	19.41	28	eP	P	00 22 20.6 +0.3
BGNE	Belgrade	19.41	28	P	Pn	00 22 21.0 -0.5
X43A	Marvell	19.42	56	eP	P	00 22 20.9 -0.7
446A	Poplarville	19.43	67	P	P	00 22 20.1 -0.5
M04C	Macdoel	19.49	333	P	Pn	00 22 23.2 +0.7
346A	Big Creek Wild	19.49	66	eP	P	00 22 21.1 -0.1
346A	Big Creek Wild	19.49	66	Pn	Pn	00 22 21.8 -0.7
U41A	Viola	19.52	50	P	P	00 22 21.3 -0.3
T40A	Manstfield	19.55	47	P	P	00 22 22.0 +0.1
H17A	Grant Village	19.57	359	eP	Pn	00 22 27.4 +3.8
H17A	Grant Village	19.57	359	P	Pn	00 22 25.0 +1.4
KHMM	Horhorse Mountain	19.59	328	eP	Pn	00 22 23.9 0.0
M02C	Callahan	19.60	331	P	Pn	00 22 24.3 +1.1
V42A	Cord	19.63	52	P	Pn	00 22 23.3 -0.8
YFT	Old Faithful	19.63	359	eP	Pn	00 22 25.7 +1.4
J08A	Circle Bar Ran	19.72	342	eP	Pn	00 22 25.8 +0.6
YBH	Yreka Blue Hor	19.81	332	P	P	00 22 25.2 +0.4
YBH	Yreka Blue Hor	19.81	332	LR	LR	00 28 41.3
YMR	Madison River	19.85	359	eP	Pn	00 22 26.7 -0.3
YNR	Norris Junction	19.89	359	eP	Pn	00 22 29.2 +1.8
Z45A	Winona	19.90	60	eP	P	00 22 26.2 +0.5
Z45A	Winona	19.90	60	P	Pn	00 22 27.2 -0.1
Y05A	Summer Lake	19.93	337	eP	Pn	00 22 27.6 -0.3
KHB	Horse Butte	19.94	358	eP	Pn	00 22 28.9 +0.9
Q38A	Cooks Store, C	19.95	41	P	P	00 22 25.6 -0.6
RSSD	Black Hills	19.95	13	eP	P	00 22 27.7 -0.5
RSSD	Black Hills	19.95	13	P	P	00 22 26.7 +0.2
X44A	Crenshaw	19.96	56	P	Pn	00 22 27.9 -0.2
YHH	Holmes Hill	19.97	359	eP	Pn	00 22 28.9 +0.5
T41A	Mountain View	20.00	48	P	Pn	00 22 27.6 -0.9
U42A	Reverend	20.00	50	P	P	00 22 27.3 +0.5
QLMT	Earthquake Lak	20.02	358	eP	Pn	00 22 28.7 -0.3
447A	Lucedale	20.03	68	eP	Pn	00 22 28.3 -0.6
447A	Lucedale	20.03	68	P	P	00 22 27.0 -0.1
HBAR	Harrisburg	20.04	53	eP	P	00 22 27.2 0.0
L04D	Klamath Falls	20.04	333	P	Pn	00 22 28.8 -0.3
MCMT	McKenzie Canyon	20.11	355	eP	Pn	00 22 30.2 +0.2
146A	Union	20.16	62	eP	P	00 22 29.4 +0.7
146A	Union	20.16	62	P	P	00 22 28.1 -0.5
Y45A	Yeager Farm, C	20.18	59	P	P	00 22 29.1 +0.3
347A	Saraland	20.26	66	P	P	00 22 29.1 -0.5
S41A	Jillco Farms,	20.30	47	P	P	00 22 29.4 -0.7
RLMT	Red Lodge	20.31	2	eP	Pn	00 22 32.1 -0.2
RLMT	Red Lodge	20.31	2	P	P	00 22 30.4 +0.1
247A	Quitman	20.36	64	P	P	00 22 29.7 -1.1
Q39A	Willow Grove F	20.39	42	P	P	00 22 30.3 -0.8
T42A	Van Buren	20.45	49	eP	P	00 22 32.1 +0.5
T42A	Van Buren	20.45	49	P	P	00 22 30.9 -0.8
X45A	UM Field Stati	20.51	57	P	P	00 22 32.1 -0.2
OXF	Oxford	20.53	57	eP	P	00 22 31.2 -1.3
OXF	Oxford	20.53	57	P	P	00 22 32.6 +0.1
J05D	Fort Rock, OR	20.54	337	P	P	00 22 33.2 +0.4
L02D	Cave Junction,	20.55	331	P	P	00 22 31.3 -1.4
DLMT	Dillon	20.62	355	eP	Pn	00 22 35.6 -0.3
I07A	Izee	20.68	341	eP	Pn	00 22 36.5 -0.1
Y46A	Houston	20.73	59	P	P	00 22 34.1 -0.6
348A	Jackson	20.79	66	eP	P	00 22 35.8 +0.3
348A	Jackson	20.79	66	P	P	00 22 35.2 -0.2
BOZ	Bozeman (W)	20.80	357	eP	Pn	00 22 37.1 -0.9
BOZ	Bozeman (W)	20.80	357	P	Pn	00 22 37.0 -1.0
O38A	Galt	20.80	39	P	P	00 22 35.3 -0.2
P39B	Salisbury	20.80	41	P	P	00 22 35.8 +0.3
147A	Livingston	20.81	63	eP	Pn	00 22 37.1 -0.9
147A	Livingston	20.81	63	P	P	00 22 35.7 +0.1
BMO	Pulaski Mountains	20.82	346	eP	P	00 22 37.0 +1.2
J04D	Umpqua Nationa	20.82	335	P	P	00 22 36.4 +0.5
PINE	Pin Mountain	20.88	338	eP	Pn	00 22 38.5 -0.5
R41A	Rosebud	20.94	45	P	P	00 22 36.2 -0.8
W45A	Hickory Valley	20.95	56	P	P	00 22 37.2 +0.1
GCMT	Greycliff	20.97	1	eP	P	00 22 38.3 +0.9
APG	Ei Apazote	20.99	114	P	P	00 22 39.1 +1.2
APG	comp=Z,dum 20.4s,baz=298,slow=34	20.99	114	LR	LR	00 29 47.3
K02D	Willamette Mer	21.01	332	P	P	00 22 36.6 -1.2
T43A	Greenville	21.03	50	P	P	00 22 36.7 -1.3
S42A	Caledonia	21.04	47	P	P	00 22 35.9 -2.2
LRM	Limekiln Ridge	21.07	356	eP	P	00 22 39.6 +1.0
248A	Dixon Mills	21.09	65	P	P	00 22 38.3 -0.3
Z47A	Carrollton	21.13	62	P	P	00 22 38.8 -0.2
X46A	Booneville	21.18	58	P	P	00 22 37.4 -2.2
449A	Pace	21.24	69	P	P	00 22 38.4 -1.9
R42A	Luebbering	21.32	46	P	P	00 22 40.7 -0.3
U44B	Burton Farm, H	21.34	52	P	P	00 22 40.9 -0.4

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like Sand Creek, Sugar Creek, Warren Harvey, Fort Payne, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like Tuckaleechee, X53A, U51A, N46A, Z54A, I41A, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like LZH, CD2, WRAB, WB2, WRA, ASAR, etc.

Station information and coordinates for LZH: comp=E, 130nm, 18.1s. Includes details for CD2, WRAB, WB2, WRA, ASAR, RAYN, CMAR, LSZ.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like CHJO, BSO1, BSO3, BSO4, etc.

UCR 26:00:20:09.1-1.8, 10.79N-83.74W, h4km±7km, MD3.9, ML3.7, TD, Costa Rica

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like HDC, FORC, CEDE, CASTILLO, etc.

ISCJB 26:00:21:43.0-0.9, 23.91N-102.122E, 0.02, h14km±6km, Error ellipse: s-maj=4.0km s-min=2.5km az=159.6

JMA 26:00:21:44.5-0.1, 24.03N-122.57E, h31km, M2.4 TAP 26:00:21:44.0-1.2, 23.91N-102.122E, h45km, ML3.1, D

n46, c087879, Taiwan region

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like JYNG, YOJ, YOJ, YOJ, etc.

26d 1h

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like JKRS Kuro-shima, CHGB Renai, TWFI Yuli, etc.

MEX 26 00:25:51.0-0.3,24:77N x 110:56W, h10km, MD3.5, Baja California. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ECX 26 00:51:05.1-0.5,30:60N-114:02W, h9km, MD3.7, ML3.9, 1C-10, Gulf of California. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 26 00:59:45.3-0.9,24:82N-110:11W, h0km, mb4.1/2, mb1 4.2/6, mb1mx3.8/4.2, mbtpr3.8/6, ML2.3/3, Error ellipse: s-maj=29.2km s-min=8.3km az=102.0

ISC/B 26 00:59:46.4-0.3,24:74N-110:03:110:14W-0.03, h15km, mb4.2/4, Error ellipse: s-maj=4.6km s-min=4.0km az=149.5

MEX 26 00:59:46.2-0.3,24:83N-110:28W, h4km, 11km, MD3.8, NEIC 26 00:59:46.9-0.4,24:64N-110:09W, h10km, mb4.0/37, MD3.8(MEX), Error ellipse: s-maj=6.0km s-min=4.8km az=60.0

ISC 26 00:59:47.6-0.6,24:69N-110:04W-0.08, h15km, n145, s1910/144, mb4.2/4, Baja California. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPIG La Paz, LPIG 652nm, LPIG 32m, etc.

2012 SEP

Main table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like X18A Snowflake, L18A Lemitar, Y12C Blythe, etc.

1392

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like HLID Hailey, HLID Hailey, IMW Indian Meadow, etc.

JMA 26 01:09:43.5-0.2,39:50N-143:50E, h24km, M3.8, IDC 26 01:09:46.5-1.2,39:96N-142:71E, h0km, mb3.7/7, Error ellipse: s-maj=31.7km s-min=26.1km az=83.0

ISC 26 01:09:47.5-1.0,39:76N-143:13E-0.07, h18km, n29, s160/27, mb3.6/7, Off east coast of Honshu. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JTH Tanohata, MIYJ Miyajima, MIYJ Miyajima, etc.

NNC 26 01:10:06.5-1.7,45:53N-81:74E, h0km, mb2.5, mpv2.3, Error ellipse: s-maj=41.3km s-min=7.4km az=114.0

SOME 26 01:10:09.3,45:60N-81:73E, h5km, ISC 26 01:10:08.0-1.4,45:61N-81:75E-0.2, h7km, n5, s1917/10, 5C-20, Kazakhstan-Xinjiang border region. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAKZ Makanchi, MAKZ Makanchi, MK31 Makanchi, etc.

MEX 26 01:11:31.0-3.0,24:58N x 110:69W, h20km, MD3.5, Baja California. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 26 01:15:10.7-2.7,48:5N-113:28E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/3.5, mbtpr3.5/3, Ms1 4.3/1, ms1mx3.7/3.3, Error ellipse: s-maj=169.1km s-min=27.3km az=49.0

Table with station names and coordinates for the 1393 region, including stations like Pagerwojo, Gumukmas, Pacitan, Banyuglugur, Jajag, Wonogiri, Wangana, Taliwang, Sumb, Plampang, and Warramunga.

Table for the MAN 26:01:18:46.5,9:69N region, listing stations like Surigao, Butuan, and Musuan.

Table for the IDC 26:01:21:12.0:0.7,24:83N region, listing stations like La Paz, Santa Rosalia, Douglas, and Zacatecas.

Main table for the 1393 region, listing numerous stations with their names, coordinates, and status.

Main table for the 2012 SEP region, listing numerous stations with their names, coordinates, and status.

Main table for the 26d 1h region, listing numerous stations with their names, coordinates, and status.

26d 1h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like K05A Summer Lake, Q38A Cocks Store, etc.

2012 SEP

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LAO LASA Array, LAO Lafayette, etc.

1394

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes MEX 26 01:27:50.8, 0.3, 24°61'N-109°89'W, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IDC 26 01:28:27.5, 0.5, 34°78'N-30°01'E, etc.

s-min=12.8km az=136.0
 MOS 26 01:41:39.2, 0.9, 21.18S:174.37W, h19km, mb5.3/41,
 MS4.8/6, Error ellipse: s-maj=10.3km s-min=7.9km
 az=62.2
 NEIC 26 01:41:39.1±0.1, 21.21S:174.33W, h10km, mb5.1/176,
 Error ellipse: s-maj=5.6km s-min=3.0km az=140.0
 ISCJB 26 01:41:41.5, 0.1, 21.26S:174.31W, h10km, h36km,
 mb5.1/217, MS4.8/18, Error ellipse: s-maj=6.2km
 s-min=3.2km az=144.8
 BUJ 26 01:41:43.6, 20.68S:173.89W, h45km, mb5.2/34,
 mb5.6/13, MS4.4/16, MS7.5/116
 ISC 26 01:41:42.1±0.4, 21.23S:174.19W, h10km, h32km, 2km,
 h32km; p-P, n635, a1s18/652, mb5.1/217, MS4.9/19,
 48C-9D, Tonga Islands

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
NIUE	Niue	4.57	62	Op	IS	h m s	ISC
AFI	Afiamau	7.70	18	Pn	Pn	01 43 25.9	-1.2
AFI	Afiamau	7.70	18	Pn	Pn	01 44 45.3	-1.3
AFI	Afiamau	7.70	18	Pn	Pn	01 43 30.3	-1.8
AFI	Raoul Island	8.61	202	Pn	Pn	01 43 32.7	-1.2
RAO				Sn	Sn	01 45 15.5	-4.9
RAO				LR	LR	01 46 36.2	
RAR	Rarotonga	13.44	92	Pn	Pn	01 44 39.1	-1.2
RAR				Sn	Sn	01 46 50.5	-2.9
RAR				LR	LR	01 49 28.9	
DZM	Mont Dzumac	18.02	264	P	Pn	01 45 50.1	-0.1
DZM	Mont Dzumac	18.02	264	eP	P	01 45 52.3	+1.8
DZM				eLR	LR	01 50 09.7	
DZM	Mont Dzumac	18.02	264	eP	Pn	01 45 50.0	-0.2
URZ	Urewera	18.50	202	P	P	01 45 55.3	-0.2
URZ				S	Sn	01 49 05.7	-1.6
URZ	Urewera	18.50	202	eP	P	01 45 55.3	-0.2
URZ				eSn	Sn	01 49 05.7	-1.6
BKZ	Black Stump Fm	19.52	202	eP	Pn	01 46 10.6	+1.6
HIZ	Hauti	19.58	201	eP	Pn	01 46 22.5	+0.1
BFZ	Birch Farm	20.96	201	eP	P	01 46 22.5	+0.1
TBI	Tubuai	22.96	100	eLQ	LQ	01 50 58.3	
TBI				eLR	LR	01 51 43.3	
THZ	Tophouse	23.13	203	eP	P	01 46 46.3	+0.8
KHZ	Kahutara	23.44	205	eP	P	01 46 49.3	+0.7
PPT2	Papeete2	23.49	85	eLQ	LQ	01 51 18.3	
PPT2				eLR	LR	01 51 55.4	
PPT	Papeete	23.50	85	P	P	01 46 46.8	-2.5
PPT				LR	LR	01 54 25.2	
TIAR	Tiare	23.71	85	eP	P	01 46 46.0	-5.4
LTZ	Lake Taylor	24.24	205	eP	P	01 46 58.8	+2.7
OXZ	Oxford	24.79	204	eP	P	01 47 01.4	+0.3
RPZ	Rata Peaks	25.50	205	eP	P	01 47 06.3	-1.2
RPZ	Rata Peaks	25.50	205	eP	P	01 47 07.1	-0.4
PMOR	Pomariario Ree	25.74	80	eP	P	01 47 05.7	-4.2
FOZ	Fox Glacier	25.87	207	eP	P	01 47 13.4	+2.6
VAH	Vaihoo	25.91	81	eP	P	01 47 06.6	-4.9
HNR	Honiara	27.54	291	P	P	01 47 24.8	-1.3
MLZ	Mavora Lakes	28.07	207	eP	P	01 47 33.0	+2.4
WHZ	Wether Hill	28.56	208	eP	P	01 47 37.9	+2.9
DCZ	Deep Cove	28.56	208	eP	P	01 47 39.5	+4.6
ARMA	Armidade	31.97	246	P	P	01 48 05.7	+0.3
ARMA	Armidade	31.97	246	eP	P	01 48 05.8	+0.3
ROMA	Roma	34.19	254	P	P	01 48 25.3	+0.6
TAOE	Nuku Hiva Island	35.03	75	eLR	LR	01 57 27.7	
CAN	Canberra	35.08	238	P	P	01 48 33.4	+1.0
RKT	Rikitea	36.28	100	eLR	LR	01 57 50.8	
CTA	Charters Tower	36.96	265	P	P	01 48 48.3	-0.3
CTA				Pmax	Pmax		
CTAO	Charters Tower	36.96	265	eP	P	01 48 47.6	-1.0
CTAO				Pmax	Pmax		
CMSA	Cobar Meteorol	37.17	246	P	P	01 48 49.4	-0.9
QLP	Quilpie	38.24	254	P	P	01 48 58.5	-0.8
PMG	Port Moresby	38.99	282	P	P	01 49 04.4	-1.4
MTSU	Mount Surprise	39.11	267	P	P	01 49 06.1	-0.7
STKA	Stephens Creek	40.68	246	P	P	01 49 18.2	-1.4
STKA	Stephens Creek	40.68	246	P	P	01 49 18.7	-0.9
STKA	Stephens Creek	40.68	246	eP	P	01 49 18.6	-1.0
STKA	Stephens Creek	40.68	246	eP	Pmax	01 49 18.6	-1.0
COEN	Coen	41.18	273	P	P	01 49 24.6	+0.6
COEN	Coen	41.18	273	eP	P	01 49 24.9	+0.9
HTT	Hallett	43.03	243	P	P	01 49 38.0	-0.9
KIP	Kipapa	45.30	211	eP	LR	01 49 57.7	+0.6
JAY	Jayapura	47.69	287	LR	LR	02 10 14.9	
ASO1	Alice Springs	47.76	257	eP	P	01 50 14.0	-2.6
AS31	Alice Springs	47.80	257	eP	P	01 50 15.6	-1.3
ASAR	Alice Springs	47.80	257	P	P	01 50 15.2	-1.7
ASAR				S	S	01 57 08.7	-3.2
WB2	Warramunga Arr	48.01	262	eP	P	01 50 16.7	-1.8
WRAB	Tennant Creek	48.01	262	eP	P	01 50 16.5	-2.0
WRAB				Pmax	Pmax		
WR1	Warramunga Arr	48.02	262	eP	P	01 50 16.1	-2.5
WR1				ePcP	PcP	01 51 46.2	-0.1
WRA	Warramunga Arr	48.02	262	P	P	01 50 16.1	-2.5
WRA				PcP	PcP	01 51 46.2	-0.1
WRA				S	S	01 57 15.6	+0.7

KDU	Kakadu	51.52	271	P	P	01 50 43.7	-1.5
FORT	Forrest	52.26	247	eP	P	01 50 49.2	-1.4
WRKA	Warakma	52.68	254	P	P	01 50 52.4	-1.4
MTN	Manion Dam	52.73	270	P	P	01 50 53.5	-0.7
MTN	Manion Dam	52.73	270	eP	P	01 50 52.8	-1.4
FAKI	Fak Fak	55.15	282	eP	P	01 51 12.2	+0.3
FAKI	Fak Fak	55.15	282	eP	P	01 51 10.6	-1.3
FITZ	Fitzroy Crossi	56.45	262	P	P	01 51 20.2	-1.0
FITZ	Fitzroy Crossi	56.45	262	eP	P	01 51 20.4	-0.8
SBA	Scott Base	57.34	185	eP	P	01 51 29.1	+2.5
SBA	Scott Base	57.34	185	eP	Pmax	01 51 29.1	+2.5
VNDA	Vanda	57.46	186	P	P	01 51 27.5	+0.1
VNDA	Vanda	57.46	186	eP	P	01 51 29.1	+1.7
VNDA	Vanda	57.46	186	eP	Pmax	01 51 29.2	+1.7
VNDA				Pmax	Pmax		
NLAI	Namlea	59.75	279	P	P	01 51 44.4	+0.1
SOEI	Soe	60.08	271	P	P	01 51 47.8	+1.0
SOEI	Soe	60.08	271	eP	P	01 51 47.2	+0.4
KLBR	Kellerberrin	60.95	245	P	P	01 51 52.9	+0.5
MEEK	Meekatharra	61.02	251	P	P	01 51 52.6	-0.3
MBWA	Marble Bar	61.15	257	eP	P	01 51 52.9	-1.0
BLDU	Ballidu	61.98	246	P	P	01 51 59.6	+0.3
MORV	Morawa	62.82	247	P	P	01 52 05.3	+0.3
CASY	Casey	64.78	206	eP	P	01 52 17.7	+0.5
PLAI	Plampang	66.43	269	P	P	01 52 29.1	+0.3
QSPA	South Pole Qui	68.78	180	eP	P	01 52 43.5	+0.6
MCJR	Mirny	71.78	205	eP	P	01 53 00.0	-1.0
PCJ1	Pacitan	72.80	268	P	P	01 53 10.1	+2.1
MJAR	Matsushiro Arr	73.00	322	P	P	01 53 08.4	-0.3
MAJO	Matsushiro	73.00	322	eP	P	01 53 09.4	+0.7
MAJO	Matsushiro	73.00	322	eP	Pmax	01 53 08.7	-0.1
MAT	Matsushiro	73.00	322	P	P	01 53 08.7	-0.1
MJB9	Matsu-Tunnel	73.01	322	eP	P	01 53 09.5	+0.7
ERM	Ermo	74.32	328	eP	Pmax	01 53 16.6	+0.3
KPJ1	Karakum	75.18	268	P	P	01 53 35.4	+1.3
JNU	Nakatsue	75.33	315	eP	P	01 53 21.6	-0.8
JNU	Nakatsue	75.33	315	eP	P	01 53 21.6	-0.8
SCZ2	San Clemente I	75.72	46	P	P	01 53 24.4	+0.4
SC12	San Clemente I	75.72	46	P	P	01 53 24.6	0.0
SMMC	Simmer	76.21	43	P	P	01 53 27.8	+0.4
SAO	San Andreas Ge	76.22	41	ePcP	sP	01 53 45.7	+4.4
SAO	San Andreas Ge	76.22	41	eP	sP	01 53 45.7	+1.3
SAO				Pmax	Pmax		
PAGB	Antelope Grade	76.31	43	eP	P	01 53 29.4	+1.5
LP1G	La Paz	76.79	57	LR	LR	02 21 02.3	
MWC	Mount Wilson	76.80	45	eP	P	01 53 31.7	+0.8
MWC	Mount Wilson	76.80	45	eP	Pmax	01 53 31.7	+0.8
MURC	Murieta	76.99	46	P	P	01 53 31.9	0.0
BFSC	Mount Baldy Ra	77.07	45	P	P	01 53 32.3	-0.1
MONP2	Monument Peak	77.10	47	P	P	01 53 32.7	-0.1
YES	Yestla, Richgr	77.12	43	P	P	01 53 32.5	0.0
KMRM	Mail Ridge	77.17	37	eP	P	01 53 34.9	+2.1
EDW2	Edward Air Fe	77.23	44	P	P	01 53 33.4	+0.2
FRD	Ford Ranch, An	77.33	46	P	P	01 53 34.3	+0.4
ISA	Isabella, Lake	77.40	44	eP	P	01 53 34.9	+0.7
ISA	Isabella, Lake	77.40	44	ePcP	sP	01 53 34.9	+2.9
ISA	Isabella, Lake	77.40	44	eP	Pmax	01 53 34.9	+0.7
ISA				Pmax	Pmax		
ISA	Isabella, Lake	77.40	44	P	P	01 53 34.6	+0.4
PFO	Pinyon Flats O	77.50	46	eP	P	01 53 35.3	+0.5
PFO	Pinyon Flats O	77.50	46	iP	P	01 53 35.9	+1.1
PFO	Pinyon Flats O	77.50	46	P	P	01 53 35.1	+0.3
XPFO	Pison Flat	77.50	46	eP	P	01 53 35.3	+0.5
YHNB	Yehang	77.51	303	eP	P	01 53 37.2	+2.1
SWSC	Sam W. Stewart	77.55	47	P	P	01 53 35.3	+0.3
002D	Mt. Diablo Mer	77.66	38	P	P	01 53 36.5	+1.0
PET	Petrovavlovsk	77.68	344	eP	Pmax	01 53 34.9	-0.2
PET				Pmax	Pmax		
CMB	Columbia Colle	77.69	41	eP	P	01 53 35.4	-0.3
LRMC	Laurel Mtn Rad	77.80	44	P	P	01 53 36.8	+0.3
AFDM	Forest Hills D	77.92	40	eP	P	01 53 37.1	+0.2
PEA0B	Petrovavlovsk	78.01	343	eP	P	01 53 36.9	

26d 1h

Table with columns: Station ID, Name, Location, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like G05D Wamic, OR, KNB Kanab, U15A North, etc.

2012 SEP

Table with columns: Station ID, Name, Location, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like TCUT comp=Z,32nm,1.1s, C09A Chrisman Ranch, LLLB comp=Z,18nm,0.9s, etc.

1398

Table with columns: Station ID, Name, Location, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like COLA College, MDM Murphy Dome, IL1 ILAR, etc.

26d 2h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PTGA, SAMIL, LPAZ, SIV, BRAL, etc.

2012 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like V42A, MIAR, WCI, R48A, etc.

1400

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like G42A, H40A, F44A, G41A, etc.

Code Station Name Az AZZ Phase ID Time Res
Port Moresby 3.14 198 Pn ISC h m s ISC
PMG 9.7nm,0.3s,baz=29,slow=13,SNR=12 Sn Pn 02 34 30.5 -1.1
PMG 12nm,0.3s,baz=345,slow=20,SNR=2.5 Sn Pn 02 35 10.0 +2.1
WRA Warramunga Arr 19.01 224 P P 02 38 01.5 -1.2

ASAR Alice Springs 21.97 217 P P 02 38 33.6 -1.1
ASAR Alice Springs 21.97 217 P P 02 38 33.6 -1.1
FITZ Fitzroy Crossi 24.85 240 P P 02 39 03.5 +0.6
FITZ Fitzroy Crossi 24.85 240 P P 02 39 03.5 +0.6
STKA Stephens Creek 26.07 193 P P 02 39 14.1 +0.2
MKAR Makanchi Array 78.55 320 P P 02 45 42.0 +0.8
TORO Torodi Ar. Bea 146.31 284 PKPbc PKPbc 02 53 21.3 0.0

ISCJB 26 02:40:10.8-0.5, 0.57S, 0.105E, 121.89E, 0.05, h10km, mb3.5/3, Error ellipse: s-maj=9.1km s-min=5.2km az=42.5
IDC 26 02:40:10.2-1.6, 0.02S, 123.02E, h0km, mb3.4/3, mb1 3.5/3, mb1mx3.3/39, mbmp3.4/3, Error ellipse: s-maj=168.6km s-min=27.2km az=63.0
DJA 26 02:40:13.0-0.4, 1.5S, 122.2E, h18km, 3km, M4.0/13, mb4.2/2, MLV3.9/13

Code Station Name Az AzZ Phase ID ISC h m s Res ISC
APSI Ampama 1.44 100 Op Pn 02 40 19.8 -0.5
APSI Ampama 1.44 100 P P 02 40 25.6 -2.5
LWU Marisa 1.04 119 P P 02 40 30.8 -0.3
LWU Marisa 1.04 119 P P 02 40 30.8 -0.3
LWU Marisa 1.04 119 P P 02 40 30.8 -0.3

NIED 26 02:49:10.0, 36.20N, 142.30E, h17km, Mw4.2 Best double couple: M2.36000, 1015, NP1.0, 122.00000, 327.00000, 1-5.00000, NP2.0, 217.00000, 888.00000, 1-11.00000
BUJ 26 02:49:10.0, 36.20N, 142.50E, h10km, mb4.7/26, mb4.8/13, Ms4.2/6, Ms7.4/26
IDC 26 02:49:11.8-0.5, 36.12N, 142.41E, h0km, mb4.4/22, Mb1 4.5/28, mb1mx4.4/44, mbmp4.4/28, ML3.9/6, Ms3.6/7, Mb1 3.6/7, ms1mx3.3/37, Error ellipse: s-maj=14.1km s-min=12.7km az=120.0

Code Station Name Az AzZ Phase ID ISC h m s Res ISC
CHJO Chosi 1.40 249 Op Pn 02 49 37.9 -2.5
CHJO Chosi 1.40 249 P P 02 49 55.1 -2.7
JHYU Hitachinakayam 1.52 275 P P 02 49 39.7 -2.3
JHYU Hitachinakayam 1.52 275 P P 02 49 57.7 -3.0
JHO Hitachi 1.58 285 P P 02 49 40.2 -2.6
JHO Hitachi 1.58 285 P P 02 49 40.2 -2.6

Code Station Name Az AzZ Phase ID ISC h m s Res ISC
MATSU Matsushiro 3.45 277 eP Pn 02 50 07.7 -0.9
MATSU Matsushiro 3.45 277 eP Pn 02 50 07.7 -0.9
MATSU Matsushiro 3.45 277 eP Pn 02 50 07.7 -0.9
MATSU Matsushiro 3.45 277 eP Pn 02 50 07.7 -0.9
MATSU Matsushiro 3.45 277 eP Pn 02 50 07.7 -0.9

Code Station Name Az AzZ Phase ID ISC h m s Res ISC
ANM Nome 41.85 31 eP P 02 57 00.9 -2.7
ANM Nome 41.85 31 eP P 02 57 00.9 -2.7
ANM Nome 41.85 31 eP P 02 57 00.9 -2.7
ANM Nome 41.85 31 eP P 02 57 00.9 -2.7
ANM Nome 41.85 31 eP P 02 57 00.9 -2.7

KUR Nakatsue 10.03 255 Pn Pn 02 51 38.2 -0.7
JNU comp=E, 0.22nm, 0.2s LR LR 02 55 31.9
JNU comp=E, 0.22nm, 0.2s LR LR 02 55 31.9
YSS Yuzh-Sakhalins 10.72 1 eS Pn 02 51 46.5 -1.7
YSS comp=E, 1.03nm, 21.4s, baz=76, slow=38 LR LR 02 53 41.3 -5.8

USA0B Ussuriysk Arra 11.29 318 ePn Pn 02 51 56.9 +0.9
USSR Ussuriysk Arra 11.29 318 ePn Pn 02 51 55.3 -0.7
USSR comp=E, 1.0nm, 0.3s, baz=126, slow=13 LR LR 02 56 09.3

KSR5 Korea Arra 11.72 280 Pn Pn 02 52 02.9 +1.0
KSR5 comp=E, 0.5nm, 0.3s, baz=94, slow=13 LR LR 02 56 43.9

KS01 Wonju Array Si 11.74 280 ePn Pn 02 52 02.8 +0.5
KS15 Wonju Array Si 11.75 280 ePn Pn 02 52 03.6 +1.3
KSAR Wonju Array Be 11.75 280 ePn Pn 02 52 02.9 +0.6
KSAR Wonju Array Be 11.75 280 ePn Pn 02 52 02.9 +0.6

PETK Petropavlovsk 19.98 28 Pn Pn 02 53 48.6 +0.1
PEA1 Tai'an 20.43 277 P P 02 53 48.8 -2.8
TIA comp=E, 10.0nm, 0.6s pmax pmax 02 53 51.1 -0.8

ZEA Zeya 20.48 334 eP Pmax pmax 02 53 51.1 -0.8
ZEA comp=N, 31nm, 0.8s pmax pmax 02 53 51.1 -0.8
ZEA comp=E, 51nm, 0.8s pmax pmax 02 53 51.1 -0.8

MA2 Magadan 23.98 10 P P 02 54 29.1 +0.7
MA2 comp=E, 6.8nm, 0.5s, baz=198, slow=20, SNR=1.9 T T 02 54 29.1 +0.7
H1N2 WAKE ISLAND Hy 27.01 121 T T 02 54 58.8 -1.3

H1N1 WAKE ISLAND Hy 27.02 121 T T 02 54 58.8 -1.3
H1N3 WAKE ISLAND Hy 27.03 121 T T 02 54 58.8 -1.3
XAN Xian 27.44 275 P Pmax pmax 02 54 58.8 -1.3

H1S1 WAKE ISLAND Hy 27.71 123 T T 02 54 58.8 -1.3
H1S3 WAKE ISLAND Hy 27.71 123 T T 02 54 58.8 -1.3
H1S2 WAKE ISLAND Hy 27.73 123 T T 02 54 58.8 -1.3

ULN Ulanbator 28.51 305 eP P 02 55 10.1 +0.6
ULN Ulanbator 28.51 305 eP P 02 55 10.1 +0.6
ULN Ulanbator 28.51 305 eP P 02 55 10.1 +0.6

BOD Bodaibo 28.66 328 eP Pmax pmax 02 55 09.9 -0.7
SONA1 Songino Array 28.93 305 eP P 02 55 13.3 0.0
SONA2 Songino Array 28.94 305 eP P 02 55 13.6 +0.2

ZAK Zakamensk 31.43 309 eP Pmax pmax 02 55 21.7 -1.4
ZAK comp=E, 8.0nm, 1.4s pmax pmax 02 55 21.7 -1.4
ZAK comp=E, 8.0nm, 1.4s pmax pmax 02 55 21.7 -1.4

TLY Talaya 31.50 312 eP P 02 55 36.0 +0.2
TLY Talaya 31.50 312 eP P 02 55 36.0 +0.2
TLY Talaya 31.50 312 eP P 02 55 36.0 +0.2

GTA Gaotai 33.62 289 P P 02 55 54.8 +0.2
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GTA Gaotai 33.62 289 P P 02 55 54.8 +0.2

IL1 Eielson Array 49.73 32 eP P 02 58 06.0 +0.2
IL3 Eielson Array 49.73 32 P P 02 58 05.7 -0.1
ILB Eielson Array 49.73 32 eP P 02 58 05.7 -0.1
COEN Coen 49.91 179 eP P 02 58 06.4 -1.3

KOLN Koldanda 49.97 278 eP P 02 58 07.2 -1.2
PYUN Pyuthan 50.32 279 eP P 02 58 10.5 -0.6
NRN Naryn 50.90 297 eP P 02 58 20.3 +4.9

FRU Bishkek 51.48 299 eP P 02 58 15.0 -4.4
BRVK Borovoye 51.80 313 eP P 02 58 17.5 -4.1
BRVK Borovoye 51.80 313 eP P 02 58 21.6 0.0

MNAS Manas 53.06 300 P Pmax 02 58 31.7 +0.4
MNAS comp=E, 2.2nm, 0.8s pmax pmax 02 58 31.7 +0.4
SFK Sufi-Kurgan 53.15 296 P Pmax 02 58 32.4 +0.3

KK31 Karatay Array 54.26 301 eP P 02 58 39.9 0.0
KK31 Karatay Array 54.26 301 eP P 02 58 39.9 0.0
KK31 Karatay Array 54.26 301 eP P 02 58 39.9 0.0

WRAB Warramunga Arr 56.38 189 eP P 02 58 53.7 -1.6
WRAB Warramunga Arr 56.38 189 eP P 02 58 53.7 -1.6
WRAB Warramunga Arr 56.38 189 eP P 02 58 53.7 -1.6

WR1 Warramunga Arr 56.39 189 eP P 02 58 53.4 -1.9
WR1 Warramunga Arr 56.39 189 eP P 02 58 53.4 -1.9
WR1 Warramunga Arr 56.39 189 eP P 02 58 53.4 -1.9

WRA Warramunga Arr 56.39 189 eP P 02 58 53.4 -1.9
WRA Warramunga Arr 56.39 189 eP P 02 58 53.4 -1.9
WRA Warramunga Arr 56.39 189 eP P 02 58 53.4 -1.9

ARU Arti 57.52 319 eP P 02 59 02.5 -0.5
ARU Arti 57.52 319 eP P 02 59 02.5 -0.5
ARU Arti 57.52 319 eP P 02 59 02.5 -0.5

ABKAR Akbulak array 59.11 311 eP P 02 59 13.5 -0.7
AS01 Alice Springs 60.11 189 eP P 02 59 19.5 -1.8
AS31 Alice Springs 60.11 189 eP P 02 59 20.4 -1.0

ASAR Alice Springs 60.12 189 P P 02 59 19.9 -1.4
ASAR Alice Springs 60.12 189 P P 02 59 19.9 -1.4
ASAR Alice Springs 60.12 189 P P 02 59 19.9 -1.4

PRGR Pirmogore 61.90 327 eP Pmax pmax 02 59 27.2 -5.8
PRGR Pirmogore 61.90 327 eP Pmax pmax 02 59 27.2 -5.8
PRGR Pirmogore 61.90 327 eP Pmax pmax 02 59 27.2 -5.8

GEYT Alibek 64.97 300 eP P 02 59 53.9 +0.1
GEYT Alibek 64.97 300 eP P 02 59 53.9 +0.1
GEYT Alibek 64.97 300 eP P 02 59 53.9 +0.1

GYA0B ALIBEK ARRAY 64.97 300 eP P 02 59 58.0 +4.3
GYA0B ALIBEK ARRAY 64.97 300 eP P 02 59 58.0 +4.3
GYA0B ALIBEK ARRAY 64.97 300 eP P 02 59 58.0 +4.3

STKA Stephens Creek 67.75 181 P P 03 00 10.2 -1.2
STKA Stephens Creek 67.75 181 P P 03 00 10.2 -1.2
STKA Stephens Creek 67.75 181 P P 03 00 10.2 -1.2

OBN Obninsk 69.25 324 eP P 03 00 20.8 +0.3
OBN Obninsk 69.25 324 eP P 03 00 20.8 +0.3
OBN Obninsk 69.25 324 eP P 03 00 20.8 +0.3

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OBN Obninsk 69.25 324 eP P 03 00 20.8 +0.3

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LPIG La Paz, SRIG Santa Rosalia.

ADC 26 04:02:01.7, 2.2, 29.09N, 142.99W, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.5/31, mbt3.5/4, Error ellipse: s-maj=122.6km s-min=28.8km az=23.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like TORD Torodi Arr, H10N2 ASCENSION HYDR45, H10N1 ASCENSION HYDR45, H10S1 ASCENSION HYDR45, H10S2 ASCENSION HYDR45, PDAR Pinedale Array, NVAR Mina Array, ILAR Eielson Array.

JMA 26 04:16:58.3, 0.1, 25.73N, 126.12E, h78km, 3km, M3.3, IDC 26 04:16:59.0, 5.2, 25.35N, 126.20E, h46km, 57km, mb3.5/7, mb1 3.6/8, mb1mx3.4/40, mbt3.3/8, ML3.6/1, MS2.9/3, Ms1 3.0/3, ms1mx2.5/32, Error ellipse: s-maj=44.3km s-min=22.5km az=68.0

ISC 26 04:16:58.3, 0.1, 25.72N, 126.13E, h22km, 11km, n32, c081/32, mb3.8/7, Ryukyu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JKE Kume jima 2, JKM Ikemajima, JJKM Gusukube, JMJ Miyako jima 2, JMB Irabujima, JIRB Aguni-jima, JAGN Tamagusuku3, JTT Tarama, JTG Ishigakijimahi, JIH Iheya, JOW Kunigami, JOW Wake Island Hy, JOW Kurigami, JJK Ishigaki jima, JKR Kurouchi, JYRO Yoronjima, JIRF Iriomote-Funau, JOKE Okinoerabujima, KSR5 Korea Array, SONM Songoing Array, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, MKAR Makanchi Array, KURB8 Kurchatov Arr, WRA Waramunga Arr, NRK1 Noron, FINES FINESSE Array B, BRTR Keskin Array, NOA NORSEAR Array B, NOA

MEX 26 04:29:03.0, 7.8, 24.64N x 110.08W, h15km, 197km, MD3.6, Baja California

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LPIG La Paz, SRIG Santa Rosalia.

MEX 26 04:40:00.0, 6.0, 5.16, 54N, 98.44W, h16km, 7km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, TLIG Tiapa, PLIG Platanillo.

ISCJB 26 04:41:40.1, 0.1, 1.7, 64S, 0.08, 167.8E, 0.2, h27km, mb3.9/7, MS3.4/3, Error ellipse: s-maj=25.6km s-min=10.6km az=8.0

IDC 26 04:41:43.2, 7.0, 17.57S, 167.85E, h38km, 57km, mb3.7/8, mb1 3.9/9, mb1mx3.7/28, mbt3.4/9, ML3.9/1, MS3.3/5, Ms1 3.3/5, ms1mx2.9/35, Error ellipse: s-maj=37.0km s-min=30.3km az=53.0

ISC 26 04:41:41.8, 1.2, 17.65S, 0.1, 167.8E, 0.3, h27km, n13, c090/10, mb3.9/6, MS3.4/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Honiara, HNR Charters Tower, URZ Urewera, RPZ Rata Peaks, STKA Stephens Creek, WRA Waramunga Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ASAR, VNU Vanda, JND Nakatuse, SONM Songoing Array, ILAR Eielson Array, MKAR Makanchi Array.

MEX 26 04:49:05.5, 9.0, 23.93N x 109.39W, h15km, 285km, MD3.5, Baja California

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LPIG La Paz, SRIG Santa Rosalia.

MEX 26 04:52:14.5, 0.5, 16.59N, 98.94W, h17km, 457km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, TLIG Tiapa, VHO Vista Hermosa.

SJA 26 05:03:40.0, 0.8, 31.23S, 68.96W, h103km, 44km, ML2.3, MW3.5, San Juan Province

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like RTLL Cerro Villicun, AMOG MOGNA, RTLS Leoncito, ACCO Cerro Coronel, RTCV Cerro Valdivia, AUSP Uspallata, ADCV Cuesta del Vie, ASAL Salagasta, AGUA GUANDACOL.

MOS 26 05:04:50.0, 0.6, 44.50N, 149.60E, h42km, mb4.2/1, Error ellipse: s-maj=53.1km s-min=27.5km az=160.5

JMA 26 05:04:50.0, 4.0, 4.4, 48N, 148.64E, h42km, 6km, mb4.3/2, SKHL 26 05:04:50.0, 2.0, 4.4, 48N, 148.64E, h42km, 6km, mb4.3/2, IDC 26 05:04:48.2, 2.9, 44.41N, 148.6E, 0.2, h24km, 15km, n20, c157/35, 1C-1D, Kuril Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR 95nm, 0.2s, KUR 57nm, 0.2s, KUR 257nm, 0.2s, KUR 1µm, 0.2s, KUR 608nm, 0.2s, KUR comp=N, 95nm, 0.1s, KUR comp=E, 57nm, 0.1s, KUR comp=N, 1µm, 0.2s, KUR comp=E, 608nm, 0.2s, SHO Shikotan, SHO comp=E, 36nm, 0.2s, SHO comp=E, 272nm, 0.2s, SHO comp=E, 226nm, 0.2s, SHO comp=N, 272nm, 0.2s, YUK Yuzh-Kuril'sk, YUK comp=N, 205nm, 0.2s, YUK comp=N, 375nm, 0.2s, YUK comp=N, 205nm, 0.2s, YUK comp=N, 375nm, 0.2s, LAGR Lagunneyo, LAGR comp=E, 336nm, 0.2s, LAGR comp=E, 106nm, 0.2s, GRPR Tuman, GRPR comp=E, 405nm, 0.2s, GRPR comp=E, 132nm, 0.2s, NEM2 Nemuro 2, GLVR Galovino, JRA JRA, JAK Akkeshi, JAR Ashorobuto, JCH Churui, JNBK Urukawa-nobuka, JKB Kayabe, JOT Ohata, JANG Nango.

IDC 26 05:07:17.7, 2.2, 33.32N, 141.21E, h0km, mb3.9/2, mb1 4.0/3, mb1mx3.5/34, mbt3.8/3, ML3.5/1, Error ellipse: s-maj=37.9km s-min=22.5km az=37.0, ISCJB 26 05:07:21.1, 1.1, 0.33, 47N, 0.05, 141.20E, 0.08, h48km, mb3.9/2, Error ellipse: s-maj=9.8km s-min=6.5km az=12.1, JMA 26 05:07:22.4, 0.3, 33.57N, 141.07E, h40km, M3.4, IDC 26 05:07:22.8, 1.5, 33.46N, 0.06, 141.1E, 0.1, h48km, n15, c099/20, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JHJ2 Mitsune, JHJ Hachijo jima 2, JHJ 246nm, 0.3s, baz=358, slow=23, SNR=24, JHU 298nm, 0.3s, baz=242, slow=23, SNR=15, JHCJ Hachiojimakas, BSO1 Boso 1, JMKM Mikurajimash, BSO3 Boso 3, BSO4 Boso 4, JKO Kozu shima, JIM2 Oshima 3, JIZS Iuzhimoda, JOD2 Odawara 2, MJAR Matsushiro Arr, MJAR 2.9nm, 0.3s, baz=154, slow=11, SNR=11, MAT Matsushiro, WRA Waramunga Arr, ASAR Alice Springs.

MEX 26 05:08:38.4, 0.4, 24.49N x 110.57W, h10km, MD3.5, Baja California

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

MEX 26 05:13:54.1, 8.6, 24.56N x 109.63W, h15km, 223km, MD3.6, Gulf of California

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like LPIG La Paz, SRIG Santa Rosalia.

ISK 26 05:16:39.8, 38.07N, 38.76E, h5km, ML2.3/5, DDA 26 05:16:40.0, 38.08N, 38.73E, h7km, M3.0, ISCJB 26 05:16:40.2, 0.6, 38.07N, 0.02, 38.73E, 0.04, h3km, 6km, Error ellipse: s-maj=4.9km s-min=3.8km az=11.9, IDC 26 05:16:39.7, 1.3, 38.11N, 0.04, 38.75E, 0.03, h6km, 13km, n15, c094/24, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ELZG Elazig, SVRC Sirvece-ELAZIG, URFU Urfu, AKCD Akcadag, ATAB Bozova, PTX Pertek, SANL SANLIURFA_Merk, SANL DARE, DIYA Diyarbakir, KEMA Kemalije, SURC SANLIURFA_SURC, HANI Diyarbakir_Han, MAZI Mazid, GAZ Gaziantep, KMRS Kahramanmaras.

IDC 26 05:20:02.0, 1.1, 38.03N x 70.40E, h0km, mb3.8/11, mb1 4.0/17, mb1mx3.8/61, mbt3.8/17, ML3.4/5, MS2.7/2, Ms1 2.7/2, ms1mx2.2/20, Error ellipse: s-maj=19.5km s-min=15.8km az=151.0, NNC 26 05:20:03.7, 0.8, 38.29N, 70.15E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=7.4km s-min=4.8km az=5.0, ISC 26 05:20:03.2, 0.6, 38.11N, 0.05, 70.40E, 0.06, h10km, n36, c218/41, mb3.7/11, 8C-12D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, SFK 41nm, 0.5s, CEP Cherat, MNAS Manas, MNAS 17nm, 0.5s, AML Almayush, KK31 Karatay Array, KK31 8.6nm, 0.5s, baz=183, slow=13, SNR=8.6, EKS2 Erkin-Say, THW Thame Wali, KZA Kyzart, AAK Ala-Archa, AAK 32nm, 0.8s, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, USP Ospanov, TKM2 Tokmak 2, TKM2 24nm, 0.8s, TKM2 51nm, 1.1s, GEYT Alamek, GEYT baz=357, slow=15, SNR=2.0, MK31 Makanchi Array, MKAR Makanchi Array, AB31 Akbulak array.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KSH Kashi, KURK Kurchatov, KURK KURK, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 26 05:29:11.6, IDC 26 05:29:12.2, IDC 26 05:29:13.0, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LBCM Butte Creek Ri, K04D Chiloquin, ORV Oroville, etc.

GERES GERESS Array B 97.01 347 LR LR 06 58 13.4
comp=Z,39nm,20.2s,baz=94,slow=38
AKASG Malin Array Be 97.50 358 LR LR 06 58 53.2
comp=Z,20nm,18.2s,baz=25,slow=38

IDC 26 06:02:15.4-0.7,24:82N:110:15W,h0km,mb4.1/5,
mb1.4/2.1,mb1mx4.0/4.4,mbmp3.9/1.1,ML3.7/6,MS3.5/3,
Ms1.3/3,ms1mx2.9/4.8,Error ellipse: s-maj=18.7km
s-min=7.7km az=103.0

ISCBJ 26 06:02:16.0-0.3,24:69N:0:02:110:08W,0:02,h15km,
mb4.2/1.7,MS3.5/2,Error ellipse: s-maj=3.7km
s-min=2.6km az=37.3

MEX 26 06:02:16.8-0.5,24:82N:110:30W,h10km,11km,MD3.9
NEIC 26 06:02:17.6-0.4,24:67N:110:10W,h10km,mb4.0/7.7,
MD3.9(MEX),Error ellipse: s-maj=6.0km s-min=3.8km
az=113.0

NEIC Felt at La Paz, Baja California Sur.
ISIC 26 06:02:17.5-0.6,24:65N:0:05:110:10W,0:07,h15km,
n300,0:1814/3002,mb4.3/1.7,Baja California

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

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

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

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like PETK, PE1A, KSM, YSS, YSS, MURC, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like PSI, ZEA, ZEA, GYA, GYA, GYA, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like CLL, CLL, CLL, CLL, CLL, etc.

Additional text and data at the bottom right, including coordinates and object names like MAN 26 06 46:15.4, 10.22N; 125.03E, h3km, mb4.5, ML3.4, MS3.3.

26d 7h

Table with columns: BUKP, Musuan, 2.34 181 eP, 06 46 57.3 +0.9, etc.

ISCJB 26 06:49:10.8±0.6, 38°43'N, 0°03'41.99E±0.04, h8km, 5km, Error ellipse: s-maj=5.0km s-min=4.6km az=18.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

MEX 26 06:55:55.3±9.3, 24°33'N, 109°67'W, h10km, MD3.7, Gulf of California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

ISCJB 26 06:56:18.3±0.8, 40°63'N, 0°04'42.00E±0.07, h0km, Error ellipse: s-maj=8.8km s-min=4.5km az=142.2

DDA 26 06:56:18.9±0.64N±41.88E, h7km, ML2.7, Suspected Mining explosion.

ISC 26 06:56:18.1±0.4, 76N±42°20'E, h17km, ML2.2/3

ISC 26 06:56:17.8±1.0, 40.75N±0.04±42.05E±0.05, h0km, n10, c086/15, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

GEN 26 07:02:51.0±44.46N±7.24E, h8km±2km, M10.1

ROM 26 07:02:50.0±0.2, 44.45N±0.010±7.25E±0.03, h10km±1km, M10.9/2, Northern Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

NIC 26 07:09:38.7±0.3, 34°34'N±32°16'E, h20km, ML2.8

ISK 26 07:09:45.0±34.98N±32°19'E, h9km, ML2.6/12

ISC 26 07:09:42.7±3.2, 34.6N±0.1±32.2E±0.1, h28km, n17, c1542/21, Cyprus region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

2012 SEP

DJA 26 07:10:51.1±0.6, 6°S±15°×10°6E±1, h151km±9km, M3.5/6, ML3.5/6, Jawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

DJA 26 07:20:31.4±0.7, 0°S±3°×11°9E±1, h18km±5km, M3.6/6, ML3.6/6, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

KRNET 26 07:33:38.5±0.1, 42°19'N±69°51'E, mb2.5

ISC 26 07:33:39.0±2.6, 42.27N±0.69±4E±0.2, h7km±19km, n8, c089/15, 10C-4D, Central Kazakhstan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

JMA 26 07:38:53.7±53.43N±136.35E, h11km±1km, M2.6, Western Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

ISCJB 26 07:38:56.6±0.7, 32°16'N±0°02'11.519W±0.03, h12km±5km, Error ellipse: s-maj=5.1km s-min=3.5km az=162.9

ECX 26 07:38:58.4±0.5, 32°17'N±11°52'W±h8km, MD2.9, ML3.2

ISC 26 07:38:56.7±1.3, 32°18'N±0°03'11.522W±0.03, h17km±10km, n29, c1925/42, 3D, California-Baja California border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

ZAX 26 07:39:12.1±1.2, 234 eP, 07 39 12.1 ±0.1

SPG 26 07:39:18.1±1.1, 191 eP, 07 39 18.1 ±0.1

SPX 26 07:39:38.2±1.2, 277 eP, 07 39 38.2 ±0.1

CBX 26 07:39:38.5±1.2, 305 eP, 07 39 38.5 ±0.1

BAR 26 07:39:20.6±1.2, 352 eP, 07 39 20.6 ±0.1

Y12C 26 07:39:49.5±1.7, 201 eP, 07 39 49.5 ±0.1

109C 26 07:39:26.2±0.1, 295 eP, 07 39 26.2 ±0.1

109C 26 07:39:48.8±0.7, 114, SNR=15

FRD 26 07:39:25.7±0.7, 319 P, 07 39 25.7 ±0.1

PFO 26 07:39:25.6±1.1, 324 P, 07 39 25.6 ±0.1

1410

Table with columns: BUKP, Musuan, 2.34 181 eP, 06 46 57.3 +0.9, etc.

ISCJB 26 07:42:40.0±0.8, 43°16'N±0°02'126°34W±0.03, h7km±5km, mb4.4/67, MS3/8/26, Error ellipse: s-maj=4.0km s-min=2.4km az=164.3

IDC 26 07:42:49.4±0.6, 43°21'N±126°31'W±h0km, mb4.0/16, mb1.4/22±1, mb1mx1/42, mbtmp4.0/21, ML3.7/5, MS3.8/31, M1.3/9/31, ms1mx3.7/48, Error ellipse: s-maj=17.1km s-min=9.1km az=33.0

GCMT 26 07:42:41.2±0.3, 43°02'N±126°69'W±0.02, h12km±1km, MW4.8/88, Moment Tensor Solution. s5; c6; s88; c122; Duration: 0 Moment tensor: Scale 10^19Nm; Mir-0.16c; 0M; 1.34±.07; M0=1.50±.07; M1=1.06±.28; M2=1.24±.06; M3=0.19±.18; Best double couple: M2 17300/1016 NP1: 116.00000°, 84.00000°, -151.00000°. NP2: 62.20000°, 861.00000°, -1.700000°. Principal axes: T 2.7140, P1g15.0000°, Azm246.0000°, N 0.1180, P1g25.0000°, Azm127.0000°, P -2.2330, P1g25.0000°, Azm343.0000°. nsta1 refers to body waves, cut-off=40s. nsta2 refers to surface waves, cut-off=50s. Triangular moment-rate function

NEIC 26 07:42:42.1±0.3, 43°18'N±126°41'W, h10km, mb4.5/75 Error ellipse: s-maj=3.9km s-min=2.4km az=62.0

NEIC 26 07:42:42.6±1.1, 43.07N±0.06±126°32'W±0.06, h18km±4km, n435, c196/421, mb4.5/67, MS3.9/26, Off coast of Oregon

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

J08A	Circle Bar Ran	5.74	84	ePn	Pn	07 44 06.0 -0.9	Y14A	Wickenburg	13.84	127	ePn	Pn	07 46 00.1 +2.4	K36A	Gilmore City	23.30	80	P	P	07 47 48.6 -0.6
TBM	Table Mountain	5.76	43	ePn	Pn	07 44 08.1 +0.9	O20A	White River Ci	13.85	96	ePn	Pn	07 46 00.6 +2.6	ABX2	Abilene, Hawle	23.42	108	eP	P	07 47 52.6 +2.1
AFDM	Forest Hills D	5.77	134	ePn	Pn	07 44 08.4 +1.1	O20A	White River Ci	13.85	96	ePn	Pn	07 45 58.0 0.0	ABTX	Abilene, Hawle	23.42	108	eP	P	07 47 49.7 -0.9
E07A	Sunnyside	5.77	51	ePn	Pn	07 44 06.9 -0.4	PV21	Come Mtn., Par	13.88	103	ePn	Pn	07 46 00.6 +2.1	DHY	Denali Highway	23.48	336	eP	P	07 47 53.0 +2.0
LTJ	Liberty	5.79	42	ePn	Pn	07 44 07.5 -0.1	PV23	Corne Mtn., Par	13.90	104	ePn	Pn	07 45 59.9 +1.0	K37A	Belmond	23.86	79	P	P	07 47 54.9 +0.2
B926	Gamford	5.81	8	ePn	Pn	07 44 06.6 +1.9	PV14	Lion Creek, Pa	13.93	104	ePn	P	07 46 00.6 +1.4	SPMN	Marine on St.	24.05	73	eP	P	07 47 57.2 +0.7
HAWA	Hanford	5.87	53	ePn	Pn	07 44 08.2 -0.4	PV14	Lion Creek, Pa	13.93	104	ePn	P	07 46 09.3 +2.1	SPMN	Marine on St.	24.05	73	P	P	07 47 56.3 -0.2
PGC	Sidney	5.93	19	ePn	Pn	07 44 08.0 -1.4	PV17	Morning Glory	13.98	104	ePn	Pn	07 46 01.3 +1.4	SCIA	State Center	24.36	81	eP	P	07 48 00.4 +1.1
JCW	Jim Creek	5.98	29	ePn	Pn	07 44 09.7 -0.4	PV17	East Wray Mesa	14.01	104	ePn	Pn	07 46 04.4 +1.1	SCIA	State Center	24.36	81	eP	P	07 47 59.7 +0.4
B05A	Bryant	5.98	28	P	Pn	07 44 09.2 -0.8	PV22	Blue Mesa, Par	14.03	103	ePn	Pn	07 46 01.2 +0.7	TUL1	Leonard	24.53	97	eP	P	07 48 03.7 +2.7
	baz=212,SNR=32						PV18	Skein Mesa, Pa	14.06	104	ePn	Pn	07 46 01.8 +0.8	TUL1	Leonard	24.53	97	P	P	07 48 01.4 +0.4
	baz=212			S	Sn	07 45 17.6 -0.4	PV11	David Mesa, Pa	14.07	104	ePn	Pn	07 46 02.5 +1.5	IL1	Eielson Array	24.66	339	eP	P	07 48 00.9 -0.9
WAH2	Wahluke Slope	6.05	50	ePn	Pn	07 44 11.6 +0.6	PV03	Paradox Valley	14.11	104	ePn	Pn	07 46 02.7 +1.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
C06D	Leavenworth	6.17	36	P	Pn	07 44 12.8 0.0	PV12	Saucer Basin,	14.11	104	ePn	Pn	07 46 04.4 +2.8	ILAR	Eielson Array	24.66	339	eP	P	07 48 00.9 -0.9
	baz=221,SNR=36						PV13	Radium Mtn., P	14.15	104	ePn	Pn	07 46 03.2 +0.8	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
E08A	Dider Farm, El	6.20	54	ePn	Pn	07 44 12.8 -0.2	RWWV	Rawlins	14.20	89	ePn	Pn	07 46 01.9 -1.0	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
FHE	Frenchman Hill	6.20	49	ePn	Pn	07 44 13.6 +0.4	N13A	Mohawk Valley	14.25	132	ePn	Pn	07 46 06.3 +2.7	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
PAHR	Pah Rah Range	6.21	120	ePn	Pn	07 44 15.8 +2.5	PV01	Paradox Valley	14.35	104	ePn	Pn	07 46 06.0 +1.0	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
VNCR	Virginia City	6.29	125	ePn	Pn	07 44 16.6 +2.1	X16A	Lo Mia Camp, P	14.46	122	ePn	Pn	07 46 08.5 +2.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
RPW	Rockport	6.34	30	ePn	Pn	07 44 14.8 +0.3	K22A	Casper	14.53	85	ePn	Pn	07 46 07.2 -0.1	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
B06A	Marblemount	6.41	30	ePn	Pn	07 44 15.4 -0.6	K22A	Casper	14.53	85	ePn	Pn	07 46 07.1 -1.3	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
PNTR	Pine Nut	6.45	126	ePn	Pn	07 44 18.7 +1.9	LAO	LASA Array	14.70	69	ePn	Pn	07 46 09.0 -0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
MBW	Mount Baker	6.50	27	ePn	Pn	07 44 18.3 +1.0	MVC0	Mesa Verde	14.83	107	ePn	Pn	07 46 13.3 +1.9	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
D08A	Wollman Farm,	6.59	50	ePn	Pn	07 44 17.8 -0.6	MVC0	Mesa Verde	14.83	107	ePn	Pn	07 46 11.9 +0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
YERR	Yerrington	6.73	125	ePn	Pn	07 44 22.8 +2.2	MVCO	Mesa Verde	14.83	107	ePn	Pn	07 46 11.9 +0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
BMC0	Blue Mountains	7.38	47	ePn	Pn	07 44 20.0 +0.6	MVCO	Mesa Verde	14.83	107	ePn	Pn	07 46 11.9 +0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
CMB	Columbia Colle	6.76	136	ePn	Pn	07 44 24.7 +3.8	MVCO	Mesa Verde	14.83	107	ePn	Pn	07 46 11.9 +0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
E09A	Wood Farm, Sta	6.76	57	ePn	Pn	07 44 19.4 -1.4	N23A	Red Feather La	15.31	91	ePn	Pn	07 46 17.3 +2.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
WAKR	Walker	6.93	129	ePn	Pn	07 44 26.4 +3.0	N23A	Red Feather La	15.31	91	ePn	Pn	07 46 17.3 +2.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
F10A	Beach Ranch, E	7.12	63	ePn	Pn	07 44 25.3 -0.5	N23A	Red Feather La	15.31	91	P	Pn	07 46 16.4 -1.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
B08A	Colville Reser	7.20	40	ePn	Pn	07 44 26.4 -0.5	X18A	Snowflake	15.33	118	ePn	Pn	07 46 20.7 -2.1	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
C09A	Christman Ranch	7.38	47	ePn	Pn	07 44 28.9 -0.4	DLBC	Dease Lake	15.56	353	ePn	P	07 46 24.6 -0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
RVN	Ryan	7.39	124	ePn	Pn	07 44 32.2 +2.6	DLBC	Dease Lake	15.56	353	ePn	P	07 46 24.6 -0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
KVN	Kaiserville	7.40	120	ePn	Pn	07 44 32.0 +2.3	DLBC	Dease Lake	15.56	353	ePn	P	07 46 24.6 -0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
NV01	Minna Array Sit	7.65	125	ePn	Pn	07 44 36.0 +2.7	DLBC	Dease Lake	15.56	353	ePn	P	07 46 24.6 -0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
NVAR	Minna Array Bea	7.65	125	ePn	Pn	07 44 35.5 +2.3	DLBC	Dease Lake	15.56	353	ePn	P	07 46 24.6 -0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
	0.4mm,0.3s,ba=302,slow=11,SNR=18						DLBC	Dease Lake	15.56	353	ePn	P	07 46 24.6 -0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
NV11	Minna Array Sit	7.74	124	ePn	Pn	07 44 37.8 +3.4	DLBC	Dease Lake	15.56	353	ePn	P	07 46 24.6 -0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
PNT	Pentiction	7.79	34	ePn	Pn	07 44 34.6 -0.3	DLBC	Dease Lake	15.56	353	ePn	P	07 46 24.6 -0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
OMMB	Old Mammoth Mi	7.80	132	ePn	Pn	07 44 40.3 +4.8	PHWY	Pilot Hill	15.57	89	ePn	Pn	07 46 21.0 -0.3	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
LLLB	Lillooet	8.13	20	ePn	Pn	07 44 40.2 +0.6	S22A	4JH Ranch, Cre	15.76	103	ePn	P	07 46 26.1 -1.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
NEW	Newport	8.28	48	ePn	Pn	07 44 40.7 -0.9	ISCO	Idaho Springs	15.87	95	ePn	Pn	07 46 25.8 +0.6	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
	1.1mm,0.3s,ba=249,slow=11,SNR=11						ISCO	Idaho Springs	15.87	95	P	Pn	07 46 25.0 -0.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
NEW	Newport	8.28	48	ePn	Pn	07 47 58.3	ISCO	Idaho Springs	15.87	95	P	Pn	07 46 25.0 -0.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
NEW	Newport	8.28	48	ePn	Pn	07 44 41.2 -0.4	RSSD	Black Hills	16.18	79	ePn	Pn	07 46 29.5 +0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
	baz=205						RSSD	Black Hills	16.18	79	P	Pn	07 46 28.3 -0.7	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
HLID	Hailey	8.70	49	ePn	Pn	07 44 49.1 +1.5	RSSD	Black Hills	16.18	79	P	Pn	07 46 28.3 -0.7	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
PAGB	Antelope Grade	8.70	145	ePn	Pn	07 44 51.7 +4.2	TUC	Tucson	16.30	126	ePn	Pn	07 46 33.0 -0.5	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
BBB	Bella Bella	9.20	353	ePn	Pn	07 44 54.7 +0.5	TUC	Tucson	16.30	126	P	Pn	07 46 30.7 +0.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
	1.4mm,0.3s,ba=190,slow=12,SNR=22						DMGT	Dagmar	16.33	63	ePn	Pn	07 46 30.7 -0.1	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
BBB	Bella Bella	9.20	353	ePn	Pn	07 47 44.9	DMGT	Dagmar	16.33	63	P	Pn	07 46 29.4 -1.4	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
	comp=Z,1um,19.5s,ba=180,slow=34						Q24A	Divide	16.49	97	ePn	Pn	07 46 33.7 +0.6	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
BBB	Bella Bella	9.20	353	ePn	Pn	07 44 54.7 +0.5	Q24A	Divide	16.49	97	ePn	Pn	07 46 33.7 +0.6	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
BBB	Bella Bella	9.20	353	ePn	Pn	07 44 55.2 +1.0	Q24A	Divide	16.49	97	ePn	Pn	07 46 32.5 -0.6	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
DAC	Darwin (Calif)	9.55	132	ePn	Pn	07 45 00.9 +1.6	SDCO	Great Sand Dun	16.71	102	ePn	Pn	07 46 36.9 +0.9	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
MSO	Missoula	9.55	63	ePn	Pn	07 44 59.0 -0.1	SDCO	Great Sand Dun	16.71	102	P	Pn	07 46 36.1 +0.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
MSO	Missoula	9.55	63	P	Pn	07 44 58.4 -0.7	LAZ	Ladron	17.26	114	ePn	Pn	07 46 46.4 +2.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
	baz=252						SKAG	Skagway	17.33	344	ePn	Pn	07 46 44.7 +0.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
ISA	Isabella, Lake	9.57	138	ePn	Pn	07 45 03.0 +3.6	ANMO	Albuquerque	17.41	111	P	Pn	07 46 45.8 -0.1	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
JTMT	Jette	9.61	57	ePn	Pn	07 45 01.0 +0.1	ANMO	Albuquerque	17.41	111	P	Pn	07 46 45.8 -0.1	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
ARVC	Arvin	9.83	141	P	Pn	07 45 03.3 +0.4	ANMO	Albuquerque	17.41	111	P	Pn	07 46 43.7 -0.9	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
	baz=326						LENN	Lenora	17.51	114	ePn	Pn	07 46 48.1 +1.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
TPNV	Topopah Spring	9.85	125	ePn	Pn	07 45 08.1 +4.8	LPM	Los Pinos Moun	17.51	113	ePn	Pn	07 46 49.7 +1.2	ILAR	Eielson Array	24.66	339	eP	P	07 48 01.6 -0.3
MCMT	McKenzie Canyo	9.88	75	ePn	Pn	07 45 05.7														

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Grady, Murphy, Liburu, Moraine State, Godfrey, State Game Lan, etc.

UCR 26 07:53:14.9, 1.2, 10.02N:85.09W, h23km, 4km, MD3.5, ML2.3, 1C-3D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JuntasAbangare, Palo Verde, Cuipilas, Mesas, Heredia, etc.

ISCJB 26 08:02:19.8, 0.5, 38.09N:0.04:69.27E:0.05, h12km, mb3.9/2, Error ellipse: s-maj=5.9km s-min=5.3km bz=173.4

NCC 26 08:02:23.6, 1.4, 38.20N:69.47E, h6km, 5km, mb4.1, mpv3.7, Error ellipse: s-maj=11.4km s-min=7.5km az=4.0

ISC 26 08:02:21.5, 0.7, 38.08N:0.05:69.36E:0.06, h12km, n27, o164/33, 9C-9D, Tajikistan

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

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

ATH 26 08:03:18.3, 38.18N:25.60E, h30km, 1km, ML2.2/8, Error ellipse: s-maj=2.4km s-min=0.9km az=110.0

THE 26 08:03:18.9, 38.18N:25.62E, h8km, 3km, ML2.0/5, Error ellipse: s-maj=3.5km s-min=1.2km az=126.0

ISC 26 08:03:19.2, 38.16N:25.63E, h20km, ML2.8/3, DDA 26 08:03:20.9, 38.58N:25.73E, h2km, ML2.4

ISC 26 08:03:19.0, 1.1, 38.19N:0.02:25.60E:0.03, h18km, 3km, n30, o67/48, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSRA, CHOS, CESE, TNSA, etc.

ISC 26 08:03:19.2, 38.16N:25.63E, h20km, ML2.8/3, DDA 26 08:03:20.9, 38.58N:25.73E, h2km, ML2.4

ISC 26 08:03:19.0, 1.1, 38.19N:0.02:25.60E:0.03, h18km, 3km, n30, o67/48, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSRA, CHOS, CESE, TNSA, etc.

ASRS 26 08:11:17.9, 53.79N:90.93E, M3.1, Industrial explosion (after: The Earthquakes of Russia in 2012. Obninsk, GS RAS, 224p + CD-ROM, 2014)

NCC 26 08:11:21.7, 52.2, 52.89N:1.91E, h0km, mb4.0, mpv3.7, 6C-5D, Error ellipse: s-maj=18.2km s-min=14.5km az=56.0, Suspected Mining explosion., Southwestern Siberia

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

ISK 26 08:14:49.9, 38.85N:35.49E, h5km, ML2.3/5, DDA 26 08:14:51.2, 38.78N:35.43E, h7km, ML2.5

ISC 26 08:14:51.4, 1.3, 38.83N:0.04:35.45E:0.03, h6km, 12km, n13, o188/20, Turkey

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

MEX 26 08:28:59.7, 0.3, 24.80N:110.29W, h14km, 7km, MD3.7, Baja California

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

ISCJB 26 08:49:08.6, 0.4, 6.03N:0.03:126.27E:0.05, h86km, 6km, mb3.9/7, Error ellipse: s-maj=8.2km s-min=4.9km az=174.3

MAN 26 08:49:08.5, 5.97N:126.24E, h42km, mb4.9, ML3.9, MS3.9, DJA 26 08:49:09.7, 1.0, 6.03N:121.66E, h30km, 8km, ML4.9/13, mb4.8/13, mb5.4/6, ML4.9/7, Mw(mb)4.8/6

IDC 26 08:49:10.8, 1.0, 6.03N:126.20E, h94km, 10km, mb3.7/7, mb1.4/0.8, mb1mx3.6/43, mbtmp4.1/8, MS3.2/4, Ms1.3/2.4, ms1mx2.7/42, Error ellipse: s-maj=46.8km s-min=12.4km az=70.0

ISC 26 08:49:09.6, 0.8, 6.04N:0.04:126.25E:0.07, h78km, 8km, n43, o197/47, mb3.9/7, 2D, Mindanao

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H1N1 WAKE ISLAND Hy 41.76 67 T, H1N2 WAKE ISLAND Hy 41.77 67 T, etc.

MEX 26 08:49:20.0,5,24'47N x 110'54W, h12km±1,1km, MD3.6, Baja California. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

DJA 26 08:56:02.5,0,8,1'S,2'99'E±, h19km±6km, M3.6/7, MLV3.67, Southern Sumatra. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 26 09:00:33.2,0,8,64.74N,0.04,30.44E,0.10, h0km, Error ellipse: s-maj=7.3km s-min=4.4km az=137.6

HEL 26 09:00:34.8,0,2,64.83N,30.88E, h0km, ML2.0, Explosion KOLA 26 09:00:36.0,64.74N,30.57E, h0km

MOS 26 09:00:35.3,64.81N,30.80E, M2.3, Industrial explosion (after: The Earthquakes of Russia in 2012, Obninsk, GS RAS, 224p + CD-ROM, 2014)

ISC 26 09:00:34.8,1.1,64.80N,0.04,30.51E,0.05, h0km, n19, e18723, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KU6 Riekki, KU6, KU6, MSF Maaselka, etc.

DDA 26 09:03:55.1,37'03N,34'90E, h7km, ML2.1, Turkey. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

MDD 26 09:18:11.5,1.4,38.68N,11.32W, h60km, mb3.8/8, Error ellipse: s-maj=13.4km s-min=8.0km az=78.0, PRXIMO

IGIL 26 09:18:11.2,38.70N,11.31W, h26km, ML1.9

INMG 26 09:18:12.6,1.4,38.65N,11.51W, h10km, ML2.1, Error ellipse: s-maj=7.3km s-min=3.4km az=79.0

ISC 26 09:18:05.3,2.2,38.70N,0.04,11.4W,0.1, h10km, n48, e241/85, 2D, Azores-Cape St. Vincent Ridge

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MORF Marnelete, MORF, PCAS Casimio, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PBEJ Beja, PBEJ, PESTR Estremoz, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PVAO Vaqueiros, PVAO, PMRV Marv???, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCBR Castelo Branco, PCBR, EGRO El Granado, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PVIS Viseu, PVIS, EBAD Badajoz, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PBAR Barrancos, PBAR, EMIN Mina Concepcio, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like POLO Lamas de O, POLO, PGAV Gaveira, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELOB Lobios, ELOB, MVO Moncorvo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EPLA Plasencia, EPLA, EMAZ Mazaricos, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PBRG Braganca, PBRG, ECAB El Cabril, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECAB, EAGO Agolada/Ponte, EADA Adamuz, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EADA, PAB San Pablo, PAB, etc.

ISC 26 09:19:54.6,2.0,28.71N,141.41E, h0km, mb4.1/5, mb1 4.2/5, mb1mx3.7/44, mbtmp4.1/5, Error ellipse: s-maj=106.2km s-min=22.2km az=80.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, MKAR Makanchi Array, etc.

NIED 26 09:31:00,31.00N,141.60E, h26km, Mw3.8 Best double couple: M5.07000,1014 NP1=136.00000, 825.00000, 1.30.00000, NP2=254.00000, 878.00000, 1.12.00000

ISCJB 26 09:31:55.2,0,6,30.49N,0.06,141.4E,0.1, h28km, mb3.7/12, MS3.2/3, Error ellipse: s-maj=16.8km s-min=5.8km az=159.7

JMA 26 09:31:58.1,0,3,30.97N,141.65E, h0km, M4.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HJCU Hachijojimakas, HJCU, HJMJ Mitsune, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHO Hitachi, JAG Ashikaga, MJAR Matusushiro Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES FINESS Array B, KBZ Khabaz, NVAR Nina Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKASG Malin Array B, NOA NORSTAR Array B, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, TXAR Lajitas Array, etc.

ISC 26 09:35:36.0,2.8,11.01S x 113.03E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/30, mbtmp3.5/3, Error ellipse: s-maj=124.0km s-min=26.6km az=47.0, South of Java

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ZALV Zalesovo Beam, etc.

MEX 26 09:44:42.8,0,5,24'43N x 109'78W, h16km±134km, MD3.7, Gulf of California

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAAO Zalesovo Array, ZAAO, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURK, KURKB Kurchatov Arra, KURBB, KURBB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MK31, MK31, etc.

VIE 26 10:00:01.2,0,4,50'20N x 12'76E, h0km, mb2.2/5, ml2.7/7, Error ellipse: s-maj=5.0km s-min=2.9km az=48.0 22 km E of Klingenthal Suspected Mining explosion, Southwestern

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP Ksiaz, MOA Molin, MOA, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MORC Moravsky Berou, KBA Koelnbreinsp, KBA, etc.

1415

NWLT	baz=354	eS	Sg	10 51 18.9	-0.3	
TWC	Suao baz=47	0.40 60	↑P	Pg	10 51 14.7	-0.2
TWC			S	Sg	10 51 20.1	-0.1
ILA	baz=47 ilan baz=40	0.44 36	↑P	Pg	10 51 15.6	0.0
CHGB	Renai baz=221	0.44 218	↑P	Pg	10 51 15.5	-0.2
CHGB			eS	Sb	10 51 23.9	-0.4
HWA	baz=221 Hwalian baz=166	0.45 164	↑P	Pg	10 51 14.7	-1.1
LIOB	Emei baz=300	0.47 300	↑P	Pb	10 51 17.5	-0.4
LIOB			S	Sb	10 51 23.8	-1.3
NSST	baz=300 Nanjuang baz=298	0.48 297	↑P	Pb	10 51 17.4	-0.6
NSST			iS	Sb	10 51 23.8	-1.5
WLTB	Daxi baz=298	0.48 336	↑P	Pb	10 51 17.6	-0.5
WLTB			eS	Sb	10 51 24.9	-0.4
ENLB	Shoufeng baz=170	0.52 166	↑P	Pg	10 51 15.6	-1.6
TATO	Taipai baz=358	0.56 2	↑P	Pg	10 51 18.5	+0.4
TATO			S	Sg	10 51 25.5	+0.0
TWA	Mucha baz=8.0	0.58 10	↑P	Pg	10 51 18.8	+0.4
TWA			S	Sg	10 51 25.8	-0.1
SBCB	Hsinchu baz=311	0.58 311	↑P	Pb	10 51 19.9	+0.2
ESL	Shilin baz=175	0.59 183	↑P	Pg	10 51 18.7	+0.0
HSN	Hsinchu baz=315	0.60 311	↑P	Pb	10 51 20.0	-0.1
EGS		0.60 44	↑P	Pg	10 51 18.8	-0.1
NCUH	Zhongli baz=341	0.61 335	↑P	Pb	10 51 20.3	0.0
NCU	National Centr baz=334	0.61 335	↑P	Pb	10 51 20.5	+0.2
NCU			eS	Sb	10 51 30.1	+0.9
EOS1	EOS1 baz=75	0.62 77	↑P	Pg	10 51 19.1	+0.1
EOS1			eS	Sg	10 51 27.8	+0.6
TAP1	Taipai baz=1.0	0.63 5	↑P	Pb	10 51 19.8	-0.7
TAP1			eS	Sg	10 51 28.1	+0.6
NMLH	Miaoili baz=282	0.63 282	↑P	Pb	10 51 20.9	+0.4
NMLH			eS	Sb	10 51 28.0	-1.6
TWQ1	Liyutan baz=266	0.64 265	↑P	Pb	10 51 20.6	-0.1
NSY	Sanyi baz=272	0.65 271	↑P	Pb	10 51 21.2	+0.4
NSY			eS	Sb	10 51 29.3	-0.7
TIPB	Shuangxi baz=13	0.65 30	↑P	Pg	10 51 19.5	-0.2
TIPB			S	Sg	10 51 27.1	-1.1
TWS1	Kuangyinshan baz=5.0	0.69 356	↑P	Pb	10 51 21.7	+0.2
TWS1			eS	Sb	10 51 30.9	-0.5
PTSB	Yuanli baz=274	0.70 273	↑P	Pn	10 51 22.4	-1.1
PTSB			iS	Sb	10 51 31.8	+0.3
NWF	Wu-fen Shan baz=20	0.72 23	↑P	Pg	10 51 21.2	+0.2
NWF			eS	Sg	10 51 30.1	-0.2
WFSB	Wu-fen Shan baz=20	0.72 23	↑P	Pg	10 51 21.1	+0.1
WFSB			eS	Sb	10 51 30.9	+0.6
EGFH	Guangfu baz=177	0.74 183	↑P	Pg	10 51 21.1	-0.3
SMLT	Sun Moon Lake baz=227	0.74 225	↑P	Pb	10 51 21.5	-1.0
SMLT			eS	Sb	10 51 32.8	0.0
YM01	YM01 baz=4.0	0.74 7	↑P	Pb	10 51 23.2	+0.7
YM01			S	Sb	10 51 32.0	-0.8
YM04	YM04 baz=18	0.74 5	↑P	Pb	10 51 22.2	-0.3
YM04			eS	Sg	10 51 31.2	0.0
YM10	YM10 baz=4.0	0.75 6	↑P	Pb	10 51 22.3	-0.3
YM10			eS	Sg	10 51 31.2	-0.1
YM05	YM05 baz=4.0	0.76 7	↑P	Pb	10 51 22.6	-0.2
YM05			S	Sg	10 51 31.9	+0.3
YM11	YM11 baz=5.0	0.76 7	↑P	Pb	10 51 23.6	+0.8
YM11			S	Sb	10 51 33.0	-0.4
TWB1	Santiao Chiao baz=44	0.76 38	↑P	Pg	10 51 21.4	-0.4
TWB1			eS	Sg	10 51 30.8	-0.9
TCU	Taichung baz=253	0.77 250	↑P	Pn	10 51 23.5	-0.9
YM03	YM03 baz=18	0.77 5	↑P	Pb	10 51 22.6	-0.3
YM03			eS	Sb	10 51 31.9	-0.1
YM12	YM12 baz=2.0	0.77 7	↑P	Pb	10 51 22.6	-0.5
YM07	YM07 baz=8.0	0.78 10	↑P	Pb	10 51 22.7	-0.4
YM07			eS	Sg	10 51 32.0	-0.2
SSLB	Suangleung baz=221	0.78 217	↑P	Pg	10 51 21.4	-0.7
YM08	YM08 baz=4.0	0.78 8	↑P	Pg	10 51 22.4	+0.2
TWY	Chenhua baz=4.0	0.87 8	↑P	Pn	10 51 25.6	-0.3
WNT	Mingjian baz=236	0.89 234	↑P	Pb	10 51 25.0	0.0
WCHH	Zhanghua baz=251	0.89 249	↑P	Pb	10 51 25.8	-0.4
WJS	Zhushan baz=233	0.89 229	↑P	Pb	10 51 24.8	-0.2
EHY	Hunoye baz=183	0.91 188	↑P	Pg	10 51 24.2	-0.4
EHY			eS	Sb	10 51 37.1	-0.6
HGSD	Ruisui baz=194	0.91 183	↑P	Pg	10 51 24.8	-0.6
YULB	Yu-li baz=179	1.02 189	↑P	Pb	10 51 26.6	-0.3
YULB			eS	Sb	10 51 40.6	-0.3
YUS	Yu-Shan baz=198	1.03 207	↑P	Pg	10 51 25.2	-1.8
TWF1	Yuli baz=180	1.06 188	↑P	Pb	10 51 27.3	-0.3
TWF1			eS	Sb	10 51 41.8	-0.3
ALS	Alishan baz=225	1.08 214	↑P	Pg	10 51 27.5	-0.0
CHN5	Tsauling baz=223	1.08 222	↑P	Pn	10 51 28.5	-0.4
CHN5			eS	Sn	10 51 45.1	+0.9
WGK	Gukeng baz=231	1.10 229	↑P	Pg	10 51 28.8	-0.2
WDLH	Douliu baz=232	1.11 230	↑P	Pn	10 51 29.7	+0.5

2012 SEP

RLNB	Erin baz=246	1.14 243	↑P	Pn	10 51 29.8	+0.3
FULB	Fuli baz=176	1.22 188	↑P	Pn	10 51 31.2	+0.5
ELDTW	Lidau baz=193	1.28 199	↑P	Pg	10 51 30.9	-0.9
CHN4	Tsashan baz=220	1.32 217	↑P	Pb	10 51 33.0	+0.6
TPUB	Ta-pu baz=220	1.34 215	↑P	Pg	10 51 32.7	-0.3
JYNG	Yonangunijimaku baz=86	1.35 88	↑P	Pn	10 51 32.4	0.0
JYNG			eS	Sb	10 51 49.8	-0.4
WTP	Ta-pu baz=219	1.40 214	↑P	Pg	10 51 34.1	+0.1
STYT	Taiyuan baz=197	1.40 208	↑P	Pg	10 51 34.3	+0.3
YOJ	Yonangunijima baz=86	1.41 88	↑P	Pn	10 51 33.2	0.0
YOJ			eS	Sb	10 51 33.1	-0.2
YOJ			↑P	Sb	10 51 51.0	-1.0
TWK	Hsiyung baz=218	1.45 218	↑P	Pg	10 51 35.1	+0.2
TWK			eS	Sg	10 51 56.1	+2.3
CHN1	Nanshi baz=218	1.49 215	↑P	Pg	10 51 36.0	+0.2
SGST	Jiashian baz=224	1.55 212	↑P	Pg	10 51 36.9	0.0
SGST			eS	Sg	10 51 59.5	+2.5
CHN8	Yiju baz=229	1.56 228	↑P	Pb	10 51 35.6	-0.9
TWG	Pinlang baz=177	1.62 193	↑P	Pb	10 51 37.2	-0.3
TWGBT	Beinan baz=177	1.62 193	↑P	Pb	10 51 37.0	-0.5
CHN3	Shinhua baz=219	1.67 218	↑P	Pg	10 51 38.9	-0.3
SCLT	Jiali baz=241	1.69 224	↑P	Pg	10 51 38.7	-0.9
SSD	Sandimen baz=237	1.82 205	↑P	Pg	10 51 41.4	-0.8
TWMT	Shoushan baz=212	1.85 211	↑P	Pg	10 51 41.6	-1.0
ECL	Taimali baz=181	1.86 195	↑P	Pb	10 51 41.2	-0.4
MASBT	Mashibuluo baz=205	1.95 203	↑P	Pn	10 51 43.2	+0.2
PHUB	P'eng-hu baz=244	1.95 243	↑P	Pn	10 51 40.6	-0.2
WDGT	Duneli baz=255	2.01 236	↑P	Pb	10 51 43.1	-1.0
IRIF	Iriomote-Funau baz=221	2.06 92	↑P	Pn	10 51 42.6	+0.3
IRIF			eS	Sn	10 52 09.0	+0.7
SCZT	Fangliu baz=221	2.17 201	↑P	Pb	10 51 46.2	-0.7
VCHM	Qimei baz=237	2.22 238	↑P	Pb	10 51 46.7	-0.9
PTMZ	Houxiangcun baz=217	2.23 287	↑P	Pn	10 51 44.4	-0.1
JKRS	Kuro-shima baz=217	2.32 94	↑P	Pn	10 51 47.8	+1.9
JKRS			eS	Sn	10 52 15.7	+0.9
JJJ	Ishigaki jima baz=217	2.44 91	↑P	Pn	10 51 48.0	+0.5
JJJ			eS	Sn	10 52 18.2	+0.6
JISG	Ishigakijimahi baz=217	2.60 86	↑P	Pn	10 51 49.9	+0.3
JISG			eS	Sn	10 52 24.9	+1.3
XPSS	Dashiqiu baz=333	2.76 336	↑P	Pn	10 51 51.3	-0.6
MHZO	Yeshan baz=305	2.78 308	↑P	Pn	10 51 53.2	+1.1

ATH 26 10:52:32.8, 39°52'N-25°96'E, h26km, 1km, ML2.0/6, Error ellipse: s-maj=2.6km s-min=0.8km az=235.0
 ISK 26 10:52:32.8, 39°56'N-25°94'E, h8km, ML2.5/15
 ISCBJ 26 10:52:33.0, 0.4, 39°53'N-02°25'96E, h0km, 4km, Error ellipse: s-maj=4.5km s-min=2.8km az=175.3
 THE 26 10:52:33.5, 39°54'N-25°97'E, h0km, 1km, ML1.9/6, Error ellipse: s-maj=1.7km s-min=0.6km az=89.0
 DDA 26 10:52:33.1, 39°52'N-26°01'E, h7km, ML2.7
 ISC 26 10:52:33.4, 0.9, 39°54'N-02°25'97E, h11km, 8km, n41, 0864/65, Aegean Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
BOZC	Bozcaada	0.31	12	Op PG	10 52 39.7	0.0
BOZC				PG	10 52 48.8	-1.3
BOZC				PG	10 52 39.6	-0.1
BOZC				PG	10 52 49.7	-0.7
SIGR	SIGRI	0.34	195	PG Sg	10 52 40.1	-0.1
SIGR				PG	10 52 46.4	-0.4
SIGR	SIGRI	0.34	195	P Sg	10 52 40.1	-0.1
SIGR				Pg	10 52 45.2	+0.5
SIGR	comp=E,1044μm,0.2s			AML	10 52 51.3	
SIGR				AML	10 52 52.1	
SIGR	comp=N,697μm,0.2s			P	10 52 40.0	-0.1
SIGR				Sg	10 52 45.2	+0.5
PRK	Paraskevi	0.38	141	P Sg	10 52 41.0	+0.2
PRK				Sg	10 52 46.5	+0.6
PRK				AML	10 52 52.8	
PRK	comp=N,472μm,0.4s			AML	10 52 53.1	
PRK	comp=E,416μm,0.4s			AML	10 52 41.0	+0.2
PRK				Pg	10 52 46.4	+0.6
PRK				Sg	10 52 42.9	-0.1
PRK				Sg	10 52 48.8	-0.7
PRK				Sg	10 52 45.3	-0.7
PRK				Sn	10 52 57.3	-0.4
PRK				Sg	10 52 45.5	-0.6
PRK				Pg	10 52 54.5	-0.2
PRK				Pg	10 52 45.9	-0.2
PRK				Sb	10 52 56.8	-0.6
PRK				AML	10 53 06.6	
PRK	comp=N,1129μm,0.3s			AML	10 53 07.4	
PRK	comp=N,1863μm,0.2s			P	10 52 47.4	-0.3
PRK				Sb	10 52 57.9	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEL, MSCI, PLAC, HMDC, HVZN, MPNC, JOPP, MILZ, TIP, PETRA, IFIL, BULG, MGR, MATE, CDRU, PZUN, NOCI, NOCI, NOCI, MRLC, AMUR, AMUR, AMUR, EVR, AGG, AGG, THL, DID.

Table with columns: LKR, Lokris, MIDA, MIRA, XOR, Korichti, AOS, Anonissos, STON, STON, NVLJ, Novajia. Includes NIED 26 14:14:00, JMA 26 14:14:26, WAKE ISLAND, WARRAMUNGA ARR, ASAR Alice Springs, and MEX 26 14:19:59.50.6, 16:28N:98:10W.

Table with columns: KURBB, Kurchatov Arra, WRA, Warramunga Arr, ASAR, Alice Springs, DJA, Alice Springs, GENI, Genyem, GENI, Jayapura, JAY, Jayapura, JAY, Jayapura, SIJI, Sorong, WRA, Warramunga Arr, FITZ, Fitzroy Crossi, ASAR, Alice Springs, MKAR, Makanchi Array, ILAR, Eielson Array, IDC 26 15:04:00, ISJCJB 26 15:04:01, MAN 26 15:04:02, GGP, Guinayangang, GOP, San Andres, AUOP, Virac, PALP, Palanan, CAUP, Cauyan, BOAC, Boac, TGY, Tagaytay City, TGGY, Manuel Pa, CVP, Callao Caves, OTRP, Odiongang, CNP, Catarman, APYP, Conner, ABRA, Dolores, ABRA, San Jose, SJMP, Chiang Mai Arr, CMAR, San Jose del G, USRK, Issuriysk Arr, SONM, Songino Array, WRA, Warramunga Arr, ASAR, Alice Springs, MKAR, Makanchi Array, PETK, Petropavlovsk, ZALV, Zalesovo Beam, KURBB, Kurchatov Arra, BVAR, Borovoye Array, AKTO, Aktyubinsk, TRN 26 15:14:37.4, 16:68N:61:23W, CODE, Port Louis, SFG, Saint Francois, BPA, Bougy Peak, BPA, Dongo Capester, DOG, Gualadalupe-1, MGG, Marie-Galante, MGG, Mont-d'or, MLG, Guadalupe-2, PHG, Gualadalupe-3, TBG, Gualadalupe-4, MLYT, Lee's Yard, MLYT, MBWH, Dominica, Penn, MDPV, Dominica, Viel, MDVC, Dominica, Chan, MDPO, Willy Bob, ANWB, Barber's Block, BBL, La Plaine, DLB, La Plaine, DUV, Hard Times, NEV, Bath Hotel, Ne, NVBH, Round Hill, Ne, NVRH, Brimstone Hill, BSK, SEUS, St. Eustatius, SEUS, Fort de France, SABA, Saba, SMRT, St. Maarten, SMRT, Petit Monier, SLW, Belfond, SLB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FCV Fort Charlotte, GRGR Grenville, and GUC 26 15:16:11.6...

ISCJB 26 15:17:43.9... Error ellipse: s-maj=1.2km s-min=4.9km az=39.9 DDA 26 15:17:43.9... ISK 26 15:17:43.1... ISC 26 15:17:43.1...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GAZ Gaziantep, KMRS Kahramanmaraş, KUZU Kuzuni, etc.

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

IDC 26 15:25:41.7... Error ellipse: s-maj=1.05km s-min=17.4km az=69.0 ISC 26 15:25:42.9...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OTRP Odiangan, FITRZ Fitorz Crossi, WRA Warrunganga Arr, etc.

ISCJB 26 15:27:38.5... Error ellipse: s-maj=8.2km s-min=4.8km az=152.5 MAN 26 15:27:39.0... IDC 26 15:27:40.1...

NEIC 26 15:27:41.6... Error ellipse: s-maj=9.7km s-min=5.9km az=61.0 ISC 26 15:27:40.4...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MATI Mati, DDMP Don Marcelino, DAV Davao City, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MJAR Matsushiro Arr, HNR Honiara, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like USKR Ussuriysk Ar., STKA Stephens Creek, GAT Gaotai, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, MK01 Makanchi Array, MK02 Makanchi Array, etc.

IDC 26 15:28:21.9... Error ellipse: s-maj=59.1km s-min=26.9km az=151.0 MOS 26 15:28:24.5... KRSC 26 15:28:27.1...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BKI Bering, BKR Bering, MKZ Mys Kozlova, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SRKR Sorokina, SRKR Sorokina, KRKR Krestovskiy, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOK Koryaka, KOK Koryaka, RUS Russkaya, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APC Apacha, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

ISCJB 26 15:34:32.6... Error ellipse: s-maj=3.9km s-min=2.6km az=16.5 PRU 26 15:34:34.6... IDC 26 15:34:35.8...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP Ksiaz, DPC Dobruska-Polom, PVCC Panska Ves, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like GERES, GERS, LANS, MODS, etc.

ISC 26 15:42:37.4+1.8, 10.89S:113:67E, h0km, mb3.6/6, mb1 3.9/8, mb1mx3.7/38, mbtmp3.8/8, ML3.7/2, MS3.2/2, Ms1 3.2/2, ms1mx2.6/32, Error ellipse: s-maj=50.1km s-min=19.5km az=44.0

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

ISCJTB 26 16:11:48.6+0.6, 22:68S:0:04:68:99W, 0.05, h115km, 7km, Error ellipse: s-maj=8.0km s-min=6.5km az=3.1

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LVC, PB06, PB05, etc.

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

MEX 26 16:25:19.3+0.5, 16:05N:92:29W, h179km, 7km, MD3.8, Chiapas

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

ISC 26 16:25:57.8+1.8, 3:05S:142:28E, h0km, mb3.3/2, mb1 3.7/3, mb1mx3.4/24, mbtmp3.3/3, ML3.5/1, Error ellipse: s-maj=29.7km s-min=16.7km az=26.0, Near north coast of New Guinea

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

MEX 26 16:26:48.5+0.4, 24:75N:110:17W, h14km, 8km, MD3.7, Baja California

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

ISC 26 16:39:39.7, 37:33N:37:11E, h5km, ML1.9/9, ISCJTB 26 16:39:40.6+0.6, 37:30N:0:03:37:13E:0:03, h2km, 7km, Error ellipse: s-maj=6.3km s-min=3.9km az=29.9

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

ISCJTB 26 16:43:04.7, 0.23:41S:0:06:179:9E:0.1, h532km, mb4.1/12, Error ellipse: s-maj=15.6km s-min=6.3km az=165.0

ISC 26 16:43:05.7, 2.1, 23:45S:179:97W, h540km, 22km, mb3.6/12, mb1 3.8/13, mb1mx3.3/37, mbtmp4.6/13, Error ellipse: s-maj=19.2km s-min=14.1km az=41.0

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

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

ISC 26 16:21:25.9, 0.9, 14:8S:0:2:172:8W:0.2, h150km, n44, s156/42, mb4.0/4, Samoa Islands

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

DJA 26 16:50:56.7+0.3, 1:2S:12:2E, h10km, M3.8/6, MLV3.8/6, Minahasa Peninsula, Sulawesi

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

ISC 26 17:03:13.8, 1.3, 6:60S:131:52E, h0km, mb4.0/3, mb1 4.2/8, mb1mx3.9/34, mbtmp4.0/8, ML4.0/5, MS3.1/1, Ms1 3.1/1, ms1mx2.5/35, Error ellipse: s-maj=35.1km s-min=23.2km az=82.0

ISCJTB 26 17:03:16.5+0.6, 6:66S:0:05:131:82E:0:07, h46km, mb3.9/3, Error ellipse: s-maj=9.9km s-min=6.5km az=174.0

DJA 26 17:03:20.5+0.5, 6:5:3:13:2E, h122km, 11km, M4.5/10, mb4.4/7, mb4.9/4, MLV4.6/10, Mw(mB)4.2/4

ISC 26 17:03:18.2, 0.8, 6:72S:0:06:131:82E:0:08, h46km, n20, s28:18:23, Tamibar Islands region

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

WEL 26 17:07:45.1, 37:5S:17:7E, h212km, 6km, North Island

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Boulder Array, Pinedale Array, Grant Village, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like KIV, NEY, DOMB, FOO, NB2, NOA, NAOSI, NAOSI, NAOSI, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like MORC, MORC, BRG, BRG, BRG, BRG, BRG, etc.

ISCJB 26.17:16:58.1+0.6, 74.69N, 0.03+9.8E: 0.2, h10km, mb3.6/8, MS3.3/7, Error ellipse: s-maj=8.8km s-min=4.6km az=11.0
IDC 26.17:16:58.9+0.9, 74.54N, 9.38E, h10km, mb3.7/8, mb1.3/8, mb1mx3.6/50, mbtmp3.7/12, ML2.6/3, MS3.2/9, m1.3/2.9, m1mx2.8/58, Error ellipse: s-maj=19.0km s-min=10.7km az=78.0
BER 26.17:17:01.4+4.2, 74.70N, 9.70E, h2km, 42km, ML2.2, ML3.4(NAO)
NAO 26.17:17:04.9+3.6, 74.81N, 11.50E, h8km, 24km, ML3.4
ISC 26.17:16:59.0+0.8, 74.65N, 0.05+9.85E: 0.09, h10km, m40, e173/42, MS3.6/8, MS3.2/7, Greenland Sea

PB10	comp=N,10um,1.0s	IAML		17 46 16.0
PB11	IOPC Station P	ePn	Pn	17 45 40.8 -2.1
PB11	IOPC Station P	ePn	Pn	17 45 41.3 -1.6
PB11	Yavi	ePn	Pn	17 45 14.0 -1.4
YJA	Yavi	ePn	Pn	17 45 16.8 +1.1
YJA	comp=Z,746nm,0.6s	IAML		17 45 51.9
YJA		eS	Sn	17 46 22.7 +2.6
PSGC	Pisagua	eS	IAML	17 46 33.8
HJA	Humahuaca	eP	Pn	17 45 50.1 +1.8
HJA		eP	IAML	17 45 51.2
HJA		eS	Sn	17 46 27.2 +2.0
MNMC	Minye Minye	ePn	Pn	17 45 49.1 -1.5
SLA	San Lorenzo	eP	Pn	17 45 57.6 +1.0
SLA		eP	IAML	17 46 00.5
SLA	comp=Z,583nm,0.7s	eS	Sn	17 46 40.8 +0.6
AZAP	Zapla	eP	Pn	17 45 57.6 +0.2
AZAP		eP	IAML	17 45 60.0
ALOL	LOMAS DE OLMED	eP	Pn	17 46 06.3 -0.8
AHML	Horco Molle	eP	Pn	17 46 19.2 +0.6
AHML		eP	IAML	17 46 20.7
GO03	Copiap	ePn	Pn	17 46 15.7 -4.2
LPAZ	La Paz	eP	Pn	17 46 27.4 -0.1
LPAZ	comp=Z,16nm,0.3s,baz=196,slow=3,SNR=226	eS	Sn	17 47 19.1 -1.6
LPAZ	comp=Z,6.2nm,0.3s,baz=179,slow=10,SNR=4.7	LR	LR	17 49 51.4
LPAZ	comp=Z,891nm,21.7s,baz=168,slow=49	eP	Pn	17 46 27.5 0.0
LPAZ	La Paz	eP	Pn	17 46 17.7 eP
VCA	Vinchina	eP	Pn	17 46 35.0 -1.0
CYA	Choya	eP	Pn	17 46 35.0 -0.4
LCO	Las Campanas	ePn	Pn	17 46 33.6 -6.3
LCO	Las Campanas	ePn	Pn	17 46 33.6 -6.3
GO04	Tololo Observa	ePn	Pn	17 46 49.5 -5.9
SIV	San Ignacio	eP	Pn	17 47 10.4 -4.1
ROC1	El Roble	ePn	Pn	17 47 25.3 -7.4
PEL	Peidehue	ePn	Pn	17 47 37.9 +3.8
PEL	Peidehue	ePn	Pn	17 47 37.9 +3.8
CUP	Villa Florida	ePn	Pn	17 47 32.4 -2.9
CUP		eP	IAML	17 52 29.4
CPUP	comp=Z,926nm,21.5s,baz=304,slow=41	LR	LR	17 47 31.9 -3.5
CPUP	Villa Florida	ePn	Pn	17 48 02.3 +2.4
NNA	Nana	ePn	Pn	17 48 01.4 +1.5
NNA	Nana	ePn	Pn	17 47 59.9 -1.0
GO05	Hualabao	ePn	Pn	17 48 13.4 -4.0
SAML	Samuel	ePn	Pn	17 48 13.4 -4.0
SAML	Samuel	ePn	Pn	17 48 13.4 -4.0
TRQA	Tornquist	ePn	Pn	17 48 45.6 -2.3
TRQA	Tornquist	ePn	Pn	17 48 45.6 -2.3
TRQA	comp=Z,162nm,1.4s	eP	Pn	17 48 45.6 -2.3
TRQA		eP	Pmax	
GO06	Curarrehue	eP	P	17 48 54.2 -1.7
ATAH	Atahualpa	eP	P	17 49 01.6 +0.3
PLCA	comp=Z,4nm,0.3s,baz=173,slow=12,SNR=10	eP	P	17 49 06.5 -0.9
PLCA	Paso Flores	eP	P	17 53 34.2 +1.1
PLCA	comp=Z,0.5nm,0.3s,baz=27,slow=13,SNR=21	eP	P	17 49 06.9 -0.5
PLCA	Paso Flores	eP	P	17 49 06.9 -0.5
PLCA	comp=Z,66nm,0.3s	eP	P	17 53 34.2 +1.1
SPB	Sao Paulo	eP	P	17 49 18.0 -1.6
BDFB	Brasilia	eP	P	17 49 28.1 -2.6
BDFB	Brasilia	eP	P	17 49 28.1 -2.6
BDFB	Brasilia	eP	P	17 49 28.4 -2.2
BDFB	Brasilia	eP	P	17 49 28.5 -2.2
BDFB	comp=Z,211nm,1.1s	eP	Pmax	
BDFB	comp=Z,211nm,1.1s	eP	Pmax	
PTGA	Pitinga	eP	P	17 49 53.4 -2.7
PTGA	comp=Z,38nm,0.4s,baz=204,slow=10,SNR=68	eP	S	17 53 55.5 -2.7
PTGA	comp=Z,34nm,0.9s,baz=27,slow=14,SNR=6.9	eP	S	17 49 53.2 -2.9
PTGA	Pitinga	eP	S	17 53 55.5 -2.7
PTGA	comp=Z,67nm,1.1s	eP	S	17 50 10.3 +1.7
OTAV	Otavallo	eP	S	17 53 10.3 +1.7
OTAV	comp=Z,39nm,0.9s	eP	P	17 53 46.8 +1.3
OTAV	Otavallo	eP	P	17 50 09.9 +1.3
OTAV	Otavallo	eP	P	17 50 10.3 +1.7
OTAV		eP	P	17 53 46.8
OTAV	comp=Z,39nm,0.9s	eP	Pmax	
FLOC	Florencia	eP	P	17 50 12.5 +1.2
GOJF	Volcan Galeras	eP	P	17 50 14.2 +0.8
CRUC	La Cruz	eP	P	17 50 18.5 +3.4
CHRN	Cochrane	eP	P	17 50 13.9 -0.7
SOTA	Rioblanco	eP	P	17 50 23.2 +4.1
MARF	Paez Bealcaza	eP	P	17 50 34.3 +0.3
PRAC	Prado	eP	P	17 50 34.6 -1.6
HORQ	Saladito	eP	P	17 50 31.3 +0.8
YOTC	Yotoco, Valle	eP	P	17 50 34.4 +0.5
CHIC	Chingaza	eP	P	17 50 33.4 -1.0
ANIL	Santa Ana	eP	P	17 50 39.8 +3.6
MALC	Bahia Maiala	eP	P	17 50 41.1 +4.7
ROSC	El Rosal	eP	P	17 50 38.0 +0.7
ROSC	comp=Z,8.6nm,0.5s,baz=181,slow=8,SNR=4.8	LR	LR	18 03 24.3
RREF	El Recreo	eP	P	17 50 41.1 +1.1
RUSC	La Rusia	eP	P	17 50 44.1 -0.5
BARC	Barichara	eP	P	17 50 49.2 -1.3
HELK	Santa Helena	eP	P	17 50 49.2 -1.9
ZARC	Zaragoza, Cauc	eP	P	17 50 57.9 -2.8
EFI	East Falkland	eP	P	17 51 00.5 -1.7
EFI		eP	Pmax	
GO10	Punta Arenas	eP	P	17 51 07.0 +1.0
SDV	Santo Domingo	eP	P	17 51 06.4 -1.7
SDV	comp=Z,20nm,1.0s	eP	P	17 51 07.2 -0.9
MDP	Montagnes des	eP	P	17 51 09.9 -1.1
PCRV	Puerto La Cruz	eP	P	17 51 21.6 +0.9
BCIP	Isla Barro Col	eP	P	17 51 28.1 +1.9
GRGR	Grenville	eP	P	17 51 43.0 +1.7
RCBR	Riachuelo	eP	P	17 51 46.0 -1.4
RCBR	Riachuelo	eP	P	17 51 46.0 -1.4
RCBR	comp=Z,167nm,0.8s	eP	Pmax	
RCBR	comp=Z,167nm,0.8s	eP	Pmax	
SVB	Belmont	eP	P	17 51 52.5 +1.0
JTS	Juntas Abangare	eP	P	17 51 53.9 +2.0
FDL	Fort de France	eP	P	17 52 03.4 -0.3
FDL	Fort de France	eP	P	17 52 03.4 -0.3
FDL	Fort de France	eP	P	17 52 03.4 -0.3
FDL	Fort de France	eP	Pmax	
FDL	Fort de France	eP	Pmax	
CSGN	Cosiguina Volc	eP	P	17 52 22.0 +0.3
HOPE	Hope Point	eP	P	17 52 51.7 +1.6
OBIP	Obispo Ponce	eP	P	17 52 22.4 -3.1
SJG	San Juan	eP	P	17 52 23.6 -2.7
SJG	San Juan	eP	P	17 52 23.6 -2.7
SJG	San Juan	eP	Pmax	
SJG	San Juan	eP	Pmax	
ANWB	Willy Bob	eP	P	17 52 26.5 -0.1
CBYP	Canovanas	eP	P	17 52 24.5 -3.3
CBYP		eP	P	17 52 11.7 +1.7
PMSA	Palmer Station	eP	P	17 52 45.1 +0.3
PMSA	Palmer Station	eP	P	17 52 45.4 +0.6

CCIG	Comitan	eP	P	17 53 03.1 +0.2
TEIG	Tepeich	eP	P	17 53 16.1 +0.2
TLIG	comp=Z,50nm,0.9s	eP	P	17 53 39.6 +1.4
061Z	Tlaxiapa	eP	P	17 53 38.8 +0.5
060Z	Ochoppi	eP	P	17 53 42.2 +0.6
059Z	West Palm Beac	eP	P	17 53 43.0 +0.3
059Z	Ave Maria	eP	P	17 53 46.4 +0.5
060A	Indianatown	eP	P	17 53 47.4 +0.7
059A	Moore Haven	eP	P	17 53 46.9 +0.2
059A	Moore Haven	eP	P	17 53 48.6 +0.1
959A	Arcadia	eP	P	17 53 50.2 -0.1
958A	Okeechobee	eP	P	17 53 52.2 -0.1
957A	Wimauma	eP	P	17 53 54.4 +0.7
957A	Wimauma	eP	P	17 53 54.4 +0.7
957A	Wimauma	eP	P	17 53 53.4 -0.4
897A	Kemper Cattle	eP	P	17 53 54.1 0.0
DWPF	Disney Wildern	eP	P	17 53 55.5 +0.1
858A	St. Cloud	eP	P	17 53 55.4 -0.6
857A	Zephyrhills	eP	P	17 53 57.8 -0.2
758A	Lake Helen	eP	P	17 54 00.6 -0.5
757A	Oxford	eP	P	17 54 02.6 +0.1
658A	Burial	eP	P	17 54 04.6 +0.1
656A	Willston	eP	P	17 54 06.7 +0.4
656A	Willston	eP	P	17 54 06.2 -0.1
657A	Interlachen	eP	P	17 54 06.6 0.0
655A	Horseshoe Beac	eP	P	17 54 08.2 -0.3
557A	Orange Park	eP	P	17 54 09.1 -0.3
556A	Lake Butler	eP	P	17 54 10.1 -0.4
555A	McAlpin	eP	P	17 54 12.0 -0.3
554A	Perry	eP	P	17 54 13.2 -0.2
456A	Hiland	eP	P	17 54 15.1 +0.2
553A	Crawfordville	eP	P	17 54 15.6 +0.1
455A	Stateville	eP	P	17 54 16.3 -0.4
552A	Lynn Haven	eP	P	17 54 16.6 -0.2
357A	Townsend	eP	P	17 54 18.4 -0.4
356A	Blackshear	eP	P	17 54 18.6 -0.6
453A	Whigham	eP	P	17 54 19.6 -0.3
355A	Pearson	eP	P	17 54 20.1 -0.4
451A	Vernon	eP	P	17 54 20.6 -0.4
452A	Marianna	eP	P	17 54 21.2 -0.3
257A	Skidaway Islan	eP	P	17 54 21.4 -0.6
TIGA	Tifton	eP	P	17 54 21.7 -0.8
353A	Camilla	eP	P	17 54 22.4 -0.6
256A	Glennville	eP	P	17 54 22.6 -0.7
255A	Hazlehurst	eP	P	17 54 23.4 -0.5
450A	Wesview	eP	P	17 54 23.8 -0.3
645A	Chauvin	eP	P	17 54 24.4 -0.4
LNIG	Larzac	eP	P	17 54 24.8 -0.2
ZAIG	Zacatecas	eP	P	17 54 27.2 +1.7
ZAIG	comp=Z,65nm,0.9s	eP	P	17 54 54.5 +1.8
351A	Pinckard	eP	P	17 54 24.5 -0.6
352A	Blakely	eP	P	17 54 24.8 -0.5
254A	Abbeville	eP	P	17 54 24.8 -0.6
156A	Sylvania	eP	P	17 54 27.0 -0.3
BRAL	Brewton	eP	P	17 54 27.8 +0.3
BRAL	Brewton	eP	P	17 54 27.3 -0.2
546A	Silidell	eP	P	17 54 27.9 +0.4
350A	Dozier	eP	P	17 54 27.1 -0.6
253A	Americus	eP	P	17 54 26.8 -0.8
448A	Bay Minette	eP	P	17 54 27.3 -0.4
252A	Lumpkin	eP	P	17 54 27.4 -0.9
447A	Luadale	eP	P	17 54 28.3 -0.4
NHSC	New Hope	eP	P	17 54 29.0 +0.4
NHSC	New Hope	eP	P	17 54 28.8 +0.2
155A	Kite	eP	P	17 54 28.0 -0.7
349A	Repton	eP	P	17 54 28.1 -0.9
154A	Montrose	eP	P	17 54 29.6 -0.1
154A	Montrose	eP	P	17 54 29.0 -0.6
446A	Poplarville	eP	P	17 54 29.7 -0.6
251A	Midway	eP	P	17 54 29.1 -1.2
348A	Jackson	eP	P	17 54 30.5 -0.5
153A	Fort Valley	eP	P	17 54 30.4 -0.8
250A	Grady	eP	P	17 54 29.4 -1.8
250A	Grady	eP	P	17 54 58.4 0.0
250A	Grady	eP	P	17 54 30.2 -1.0
Z55A	Blythe	eP	P	17 54 31.9 -0.3
445A	Amite	eP	P	17 54 32.4 +0.1
347A	Saraland	eP	P	17 54 31.8 -0.6
152A	Waverly Hall	eP	P	17 54 32.0 -0.9
152A	Waverly Hall	eP	P	17 54 59.9 -0.2
249A	Camden	eP	P	17 54 32.4 -0.5
151A	Opelika	eP	P	17 54 31.8 -1.2
444A	Pine Grove	eP	P	17 54 33.2 0.0
Z54A	Sparta	eP	P	17 54 32.6 -0.9
542A	Morse	eP	P	17 54 33.5 -0.8

346A	Big Creek Wild	eP	P	17 54 33.7 -0.7
150A	Eclectic	eP	P	17 54 33.9 -1.0
Z53A	Monticello	eP	P	17 54 33.8 -1.1
248A	Dixon Mills	eP	P	17 54 34.4 -0.7
345A	Thompson Farm,	eP	P	17 54 34.7 -0.5
541A	Lake Charles	eP	P	17 54 37.8 +2.2
541A	Lake Charles	eP	P	17 54 36.9 +1.3
GOGA	Godfrey	eP	P	17 54 35.2 -0.4
GOGA	Godfrey	eP	Pmax	17 54 35.2 -0.4
GOGA	Godfrey	eP	Pmax	17 54 34.9 -0.8
Z52A	Williamson	eP	P	17 54 34.9 -0.9
443A	Delano Plantat	eP	P	17 54 36.7 +0.5
149A	Jones	eP	P	17 54 35.2 -1.2
247A	Quitman	eP	P	17 54 36.2 -0.5
Y54A	Tignall	eP	P	17 54 36.5 -0.9
442A	Mamou	eP	P	17 54 38.5 +0.9
246A	Jackson Lee, B	eP	P	17 54 37.0 -0.7
344A	Westbrook Farm	eP	P	17 54 38.2 +0.4
344A	Westbrook Farm	eP	P	17 54 37.7 -0.2
Z51A	Little AP, Sta	eP	P	17 54 37.0 -1.0
JSC	Jenkinsville	eP	P	17 54 38.3 +0.2
JSC	Jenkinsville	eP	Pmax	17 54 38.3 +0.2
148A	Greensboro	eP	P	17 54 37.2 -1.1
Y53A	Monroe	eP	P	17 54 37.8 -1.0
Z50A	Ashland	eP	P	17 54 38.1 -0.9
Z50A	Ashland	eP	P	17 55 04.7 -1.6
Z50A	Ashland	eP	P	17 54 38.1 -0.9
Z50A	Vidalia	eP	P	17 54 38.1 -1.0
245A	Little AP, Sta			

26d 17h

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like X48A Hartselle, Y46A Houston, 240A Hunter Patters, etc.

2012 SEP

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like U49A Red Boiling Sp, Y40A Okolona, W43A Fort City, etc.

1428

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like R47A Woolly Knot Far, P53A Whipple, P53A Whipple, etc.

M54A				ep	P	17 55 51.8 +0.2
M54A	Oil Creek Stat	64.30 351	P	P		17 55 23.4 -0.4
O47A	Sheridan	64.33 345	P	P		17 55 22.4 -1.6
O41A	Truxton	64.50 341	P	P		17 55 24.2 -0.9
ALLY	Alegheny Colle	64.51 350	ep	P		17 55 25.3 +0.1
BINY	Binghamton	64.53 354	ep	P		17 55 25.9 +0.6
BINY	Binghamton	64.53 354	P	P		17 55 25.2 -0.1
N49A	Columb Grove	64.54 347	ep	P		17 55 24.7 -0.6
N49A	Columbus Grove	64.54 347	P	P		17 55 24.2 -1.1
M51A	Elyria	64.54 349	P	P		17 55 24.2 -1.1
P43A	Skaggs, Pawnee	64.64 342	P	P		17 55 24.5 -1.5
N48A	Decatur	64.66 346	P	P		17 55 24.6 -1.5
R38A	Fenwick Farm,	64.68 338	P	P		17 55 25.6 -0.7
SFIN	Lafayette	64.68 344	ep	P		17 55 24.8 -1.5
SFIN	Lafayette	64.68 344	P	P		17 55 24.4 -1.9
MSTX	Muleshoe	64.71 329	ep	P		17 55 26.5 -0.3
MSTX	Muleshoe	64.71 329	ep	P		17 55 26.5 -0.3
O45A	Potomac	64.72 344	P	P		17 55 24.5 -2.0
M50A	Fremont	64.77 348	P	P		17 55 25.4 -1.5
P42A	Winchester	64.82 342	ep	P		17 55 25.0 -1.2
P42A	Winchester	64.82 342	P	P		17 55 25.8 -1.4
O44A	Mansfield	64.82 343	P	P		17 55 25.2 -2.0
N47A	Urbana	64.83 346	P	P		17 55 25.5 -1.7
EPT	El Paso	64.85 325	ep	P		17 55 28.3 +0.5
TRY	Troy	64.87 356	ep	P		17 55 27.9 +0.5
SRIG	Santa Rosalia	64.89 317	ep	P		17 55 29.6 +1.7
ERPA	Erie	64.95 351	ep	P		17 55 28.0 0.0
ERPA	Erie	64.95 351	P	P		17 55 27.3 -0.6
AMTX	Amarillo	64.95 330	ep	P		17 55 27.8 -0.5
AMTX	Amarillo	64.95 330	P	P		17 55 27.7 -0.6
M49A	Liberty Center	65.03 347	P	P		17 55 27.2 -1.2
N46A	Monticello	65.08 345	P	P		17 55 27.0 -1.9
P41A	Barry, Barry	65.12 341	P	P		17 55 27.8 -1.3
Q39A	Willow Grove F	65.14 339	P	P		17 55 28.6 -0.7
O43A	Sugar Creek Fa	65.18 343	P	P		17 55 27.9 -1.6
M48A	Edgerton	65.19 347	P	P		17 55 28.0 -1.5
N45A	Kentland	65.23 344	P	P		17 55 27.8 -2.0
M47A	Cromwell	65.27 346	P	P		17 55 28.6 -1.4
MMNV	Mt. Morris Dam	65.27 352	ep	P		17 55 30.2 +0.2
Q38A	Cooks Store, C	65.28 339	P	P		17 55 29.9 -0.3
O42A	Bath	65.31 342	P	P		17 55 28.8 -1.5
HSIG		65.31 320	ep	P		17 55 31.4 +0.8
HSIG		65.34 344	ep	P		17 55 59.6 +1.0
N44A	Piper City	65.34 344	P	P		17 55 28.6 -2.0
HDIL	Hopedale	65.42 343	P	P		17 55 29.5 -1.6
O41A	Passleys Farm,	65.47 341	P	P		17 55 29.9 -1.5
P39B	Salisbury	65.47 340	P	P		17 55 30.6 -0.9
M46A	Old House Fiel	65.48 345	P	P		17 55 29.7 -1.7
L48A	W Adams	65.57 347	P	P		17 55 30.5 -1.5
L49A	Milan	65.59 348	P	P		17 55 31.1 -1.0
N43A	Stutzman Famil	65.75 343	P	P		17 55 31.8 -1.3
HNN	Hanover	65.76 357	ep	P		17 55 34.9 +1.7
L47A	Sherwood	65.76 347	P	P		17 55 31.9 -1.4
N42A	Yates City	65.88 342	P	P		17 55 32.6 -1.4
NVL	N'Azarevskaya	66.00 159	ep	P		17 55 35.4 +1.0
NVL		66.01 342	ep	P		17 55 33.9 -0.9
N41A	Harden Midland	66.01 342	P	P		17 55 33.5 -1.3
N41A	Harden Midland	66.01 342	P	P		17 55 33.4 -1.7
L46A	Eue Claire	66.04 346	P	P		17 55 34.5 -1.7
Q39A	Kirksville	66.10 340	P	P		17 55 34.7 +1.3
121A	Cookes Peak, D	66.13 324	P	P		17 55 37.4 +1.3
NCB	Newcomb	66.14 356	ep	P		17 55 36.1 +0.5
NCB	Waltham Townsh	66.16 343	P	S		18 04 14.0 -1.2
LBNH	Lisbon	66.28 357	ep	P		17 55 37.4 +0.9
LBNH	Lisbon	66.28 357	ep	P		17 55 37.4 +0.9
Q38A	Gall	66.28 339	P	P		17 55 35.8 -0.8
K48A	Perry	66.33 348	P	P		17 55 35.6 -1.3
N40A	Mertquake, Sal	66.38 341	P	P		17 55 36.0 -1.2
K47A	Vermontville	66.39 347	P	P		17 55 35.7 -1.5
M42A	Sheffield	66.39 343	P	P		17 55 35.6 -1.6
KSU1	Kansas State U	66.46 337	ep	P		17 55 37.2 -0.6
KSU1	Kansas State U	66.46 337	P	P		17 55 37.0 -0.7
M41A	Milan	66.53 342	P	P		17 55 36.8 -1.4
K46A	Dorr	66.57 346	P	P		17 55 36.5 -1.8
N39A	Derby Farms, D	66.66 340	ep	P		17 55 38.0 -0.9
N39A	Derby Farms, D	66.66 340	P	P		17 55 37.9 -1.0
BNN	Barren Site	66.77 326	ep	P		17 55 41.1 +1.0
L43A	Garden Prairie	66.80 344	P	P		17 55 38.7 -1.1
L43A	Garden Prairie	66.80 344	P	P		17 55 38.7 -1.1
LONY	Lake Ozonia	66.81 355	ep	P		17 55 40.4 +0.5
LONY	Lake Ozonia	66.81 355	P	P		17 55 39.9 0.0
M40A	Post Highland	66.84 341	P	P		17 55 38.9 -1.2
L42A	Oliver, Polo	66.88 343	ep	P		17 55 39.5 -0.9
L42A	Oliver, Polo	66.88 343	P	P		17 55 38.9 -1.4
J47A	Summer	66.89 347	P	P		17 55 39.0 -1.4
LPM	Los Pinos Moun	66.90 326	ep	P		17 55 42.0 +1.1

LPM	FRNY	Flat Rock	66.96 356	ep	P	17 56 09.9 +1.0
LPM	FRNY	Flat Rock	66.96 356	ep	P	17 55 40.9 +0.2
LENM	Lemitar	66.96 326	ep	P		17 55 42.3 +1.0
M39A	Webster	67.11 341	P	P		17 55 40.5 -1.3
L41A	Preston	67.17 342	P	P		17 55 40.9 -1.3
J46A	Howard City	67.17 347	P	P		17 55 40.5 -1.6
K43A	Burlington	67.18 344	ep	P		17 55 41.6 -0.7
K43A	Burlington	67.18 344	P	P		17 55 40.7 -1.6
LKZ	Ladron	67.23 326	ep	P		17 55 44.3 +1.3
PKME	Peaks-Kenny Pk	67.24 359	P	P		17 55 43.0 +0.5
PKME	Peaks-Kenny Pk	67.24 359	P	P		17 55 42.5 0.0
ANMO	Albuquerque	67.31 327	ep	P		17 55 44.4 +0.9
ANMO	Albuquerque	67.31 327	di	P		17 55 44.3 +0.8
ANMO	Albuquerque	67.31 327	P	P		17 55 44.6 +1.1
L40A	Anamosa	67.36 342	ep	P		17 55 42.8 -0.7
L40A	Anamosa	67.36 342	P	P		17 55 42.2 -1.2
L40A	Anamosa	67.36 342	P	P		17 55 40.4 +0.2
MOQ	Mont Orford	67.36 357	ep	P		17 55 44.2 +0.7
CBKS	Cedar Bluff	67.42 334	ep	P		17 55 44.3 +0.4
CBKS	Cedar Bluff	67.42 334	ep	P		17 56 12.1 +0.1
CBKS	Cedar Bluff	67.42 334	ep	P		17 55 44.3 +0.4
CBKS	Cedar Bluff	67.42 334	ep	P		17 56 12.1 +0.1
CBKS	Cedar Bluff	67.42 334	P	P		17 55 44.2 +0.2
PLVO	Plevna	67.45 354	ep	P		17 55 44.2 +0.3
K42A	Prairie Point	67.51 344	P	P		17 55 43.4 -1.0
K41A	Shullsburg	67.61 343	P	P		17 55 43.9 -1.0
TUC	Tucson	67.62 322	ep	P		17 55 46.5 +1.1
TUC	Tucson	67.62 322	P	P		17 55 46.3 +0.9
L39A	Vinton	67.64 341	P	P		17 55 44.0 -1.2
SCIA	State Center	67.81 340	ep	P		17 55 46.0 -0.2
SCIA	State Center	67.81 340	P	P		17 55 45.5 -0.8
J43A	Natural Harves	67.84 345	P	P		17 55 45.4 -1.0
JFWS	Jewell Farm	67.88 343	ep	P		17 55 46.1 -0.5
JFWS	Jewell Farm	67.88 343	ep	P		17 55 46.1 -0.5
JFWS	Jewell Farm	67.88 343	P	P		17 55 45.9 -0.8
JFWS	Jewell Farm	67.88 343	P	P		17 55 46.7 -0.1
LMN	Caledonia Moun	67.91 3 3	ep	P		17 55 45.8 -1.1
K40A	Colesburg	67.93 342	P	P		17 55 45.8 -1.1
J42A	Columbus	67.96 344	P	P		17 55 46.1 -1.0
T25A	Trinidad	68.06 330	ep	P		17 55 49.0 +0.8
T25A	Trinidad	68.06 330	P	P		17 55 49.0 +0.8
K39A	Oelwein	68.14 342	P	P		17 55 47.2 -1.1
J41A	Logville	68.24 343	P	P		17 55 48.0 -0.9
H43A	Langenfeld Bro	68.25 345	P	P		17 55 47.9 -1.0
LIC	Lamto	68.36 73	ep	P		17 55 48.9 -1.4
GLMI	Graying	68.38 348	P	P		17 55 48.2 -1.6
TRQ	Mont Tremblant	68.40 356	ep	P		17 55 49.7 -0.2
H42A	Draefer Farm,	68.44 344	ep	P		17 55 49.2 -1.0
H42A	Draefer Farm,	68.44 344	P	P		17 55 49.3 -0.8
L36A	Harm Buss Farm	68.45 339	P	P		17 55 49.4 -0.9
J40A	Soldiers Grove	68.46 343	P	P		17 55 49.3 -1.0
214A	Organ Pipe Nat	68.54 320	P	P		17 55 52.6 +1.5
T1C	Toumoudi	68.56 73	ep	P		17 55 50.5 -1.0
PQI	Presque Isle	68.64 0	ep	P		17 55 51.8 +0.5
J39A	Decorah	68.67 342	P	P		17 55 50.5 -1.1
K1C	Kosan Boka	68.67 73	ep	P		17 55 51.1 -1.2
DBIC	Dimbokro	68.71 73	ep	P		17 55 52.0 -0.5
DBIC	Dimbokro	68.71 73	ep	P		17 56 20.2 -0.4
DBIC	Dimbokro	68.71 73	ep	P		18 27 24.5
DBIC	Dimbokro	68.71 73	ep	P		17 55 51.7 -0.8
DBIC	Dimbokro	68.71 73	ep	P		17 56 20.4 -0.2
H43A	Windswept, Lux	68.71 345	ep	P		17 55 51.3 -0.5
H43A	Windswept, Lux	68.71 345	P	P		17 55 50.5 -1.3
K37A	Belmond	68.73 340	P	P		17 55 50.8 -1.1
KSCO	Keye Shedlock	68.80 332	ep	P		17 55 53.9 +1.2
KSCO	Keye Shedlock	68.80 332	P	P		17 55 53.1 +0.5
X18A	Snowflake	68.82 324	ep	P		17 55 54.4 +1.4
I41A	Arkdale	68.84 344	ep	P		17 55 52.1 -0.5
I41A	Arkdale	68.84 344	P	P		17 55 51.5 -1.1
K36A	Gilmore City	68.87 340	P	P		17 55 52.2 -0.6
H40A	Norwalk	68.89 343	P	P		17 55 51.9 -1.0
H42A	Shiocton	68.93 345	ep	P		17 55 52.8 -0.3
H42A	Shiocton	68.93 345	P	P		17 55 52.3 -0.9
BGNE	Belgrade	69.05 337	ep	P		17 55 54.4 +0.4

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like N23A Red Feather La, BELC Belle Me Jose, XPFO Pion Flat, etc.

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PKM Mcherson Peak, CWC Cottonwood Cre, BW06 Boulder Array, etc.

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like AFDM Forest Hills D, DLMT Dillon, BEKR Beckworth, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GRGR Grenville, ANWB Willy Bob, BSK Brimstone Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAGI Jajag, BNI Banyuglugur, TWISI Taliwang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAP, KSAR Wonyu, MJAR Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IBC 26 18:15:54.8, IBC 26 18:15:57.4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IBC 26 18:15:54.2, IBC 26 18:15:57.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRSC 26 19:04:34.7, KRSC 26 19:04:37.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Sun Moon Lake, Y07, Y01, Y11, etc.

DJA 26:19:37.378.1.0, 11'S:27.114'E, h81km±132km, M3.6/6, ML3.6/6, South of Jawa

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

ISCJB 26:19:38.1±1.0, 15.9S:0.4:175.4W:0.2, h300km, mb3.7/8, Error ellipse: s-maj=62.0km s-min=9.7km az=155.2

ISC 26:19:38.39.0.1.4, 16.102S:175.23W, h302km, 14km, mb3.5/8, m1 3.7/9, mb1mx3.4/44, mbtmp4.2/9, Error ellipse: s-maj=64.0km s-min=14.1km az=150.0

ISC 26:19:38.39.1±1.2, 15.9S:0.4:175.4W:0.2, h300km, n11, ±0.79/12, mb3.6/8, Tonga Islands

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

ISC 26:19:40:02.5:0.8, 21.17S:174.22W, h0km, mb4.2/11, m1 4.1/12, mb1mx4.2/45, mbtmp4.2/12, ML4.1/11, MS3.5/4, Ms1 3.6/4, ms1mx3.0/34, Error ellipse: s-maj=30.8km s-min=19.7km az=150.0

NEIC 26:19:40:04.0:0.5, 21.17S:174.24W, h10km, mb4.6/2, Error ellipse: s-maj=17.6km s-min=11.5km az=140.0

ISCJB 26:19:40:04.7:0.7, 21.2S:0.1:174.3W:0.1, h26km, mb4.3/13, MS3.5/4, Error ellipse: s-maj=21.1km s-min=14.8km az=140.0

ISC 26:19:40:06.4:0.8, 21.2S:0.2:174.3W:0.2, h26km, n21, ±0.87/12, ID, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like URZ, RPZ, JAY, ASAR, WRAB, WRA, FITZ, SIJI, VVDA, NVDA, TXAR, ANMO, PDAR, ILAR, ENH, CMAR, LPAZ, AKAS, CLL, BRTR, GERES, etc.

SJA 26:19:41:58.2:0.9, 34.60S:73.16W, h48km, 30km, MD3.1, GUC 26:19:42:00.8:0.5, 34.76S:72.72W, h65km, 32km, ML3.5

ISCJB 26:19:42:01.1±1.4, 34.77S:0.06:72.7W:0.1, h33km, Error ellipse: s-maj=17.4km s-min=7.1km az=14.9

ISC 26:19:42:02.4:2.6, 34.79S:0.08:72.7W:0.2, h35km, n12, ±0.87/12, ID, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CCHI, LMEL, CLCH, ROCC, PEL, FCH, AUSP, ASAL, ACCO, AMOC, AGUA, etc.

ISC 26:19:42:32.7:1.2, 24.54N:110.07W, h0km, mb3.6/1, m1 3.8/5, mb1mx3.6/42, mbtmp3.4/5, ML3.6/4, MS3.4/7, Ms1 3.4/7, ms1mx3.0/33, Error ellipse: s-maj=38.1km s-min=11.4km az=111.0

ISCJB 26:19:42:34.2:0.7, 24.61N:110.08W:0.1, h15km, mb3.7/1, MS3.4, Error ellipse: s-maj=18.2km s-min=5.2km az=34.3

MEX 26:19:42:36.0:0.3, 24.78N:110.25W, h15km, 7km, MD3.9, ISC 26:19:42:36.0:0.9, 24.62N:110.09W:0.1, h15km, n14, ±0.43/10, MS3.5/5, Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LPIG, LPIG, SRIG, TXAR, ANMO, NVAR, CMIG, PDAR, YBH, TKL, SADO, DLBC, ILAR, PPT, etc.

ISC 26:20:01:09.5:1.8, 2.80S:129.21E, h0km, mb3.7/2, m1 3.6/3, mb1mx3.3/26, mbtmp3.5/3, ML2.7/1, Error ellipse: s-maj=197.6km s-min=26.1km az=74.0, Seram

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

MEX 26:20:06:33.0:0.4, 24.52N:109.79W, h8km±8km, MD3.6, Gulf of California

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

KRSC 26:20:25:40.4:1.3, 50.05N:156.81E, h86km±19km, ML3.6, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKR, PAU, KDR, ASAK, MTVR, RUS, KRMR, AVH, SMAR, SDLR, SPN, GNL, MKZ, KBTR, etc.

IDC 26:21:13:07.2:5.8, 12.38S:168.02E, h0km, mb3.7/3, m1 4.0/3, mb1mx3.6/30, mbtmp3.7/3, Error ellipse: s-maj=294.4km s-min=32.0km az=140.0, Santa Cruz Islands region

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

IDC 26:21:39:27.7:0.8, 16.91N:147.39E, h0km, mb4.0/12, m1 4.2/13, mb1mx3.9/43, mbtmp4.0/13, ML4.3/1, MS3.2/3, Ms1 3.2/3, ms1mx2.8/34, Error ellipse: s-maj=24.9km s-min=15.5km az=101.0

NEIC 26:21:39:28.3:2.2, 16.86N:147.64E, h22km±21km, mb4.4/5, Error ellipse: s-maj=14.3km s-min=6.7km az=92.0

ISC 26:21:39:33.0:0.7, 16.82N:147.5E:0.1, h41km, n38, ±1.04/39, mb4.1/17, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SARN, ANAZ, GUMO, MAJO, MJB9, SIJI, KSRS, KSAR, WB2, WR1, WRI, WRA, WRA, ASAR, SONA, SONI, SONM, CM01, CM31, CMAR, ZAAO, ZALV, ZALV, ZAA1, MK32, MKAR, MKAR, KURK, RPZ, ILAR, ILB, NIL, KK31, KKAR, KBL, NVAR, RCWM, FIAO, FINES, LPAZ, etc.

MEX 26:21:43:50.9:1.0, 16.31N:98.08W, h10km±25km, MD3.7, Near coast of Guerrero

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

IDC 26:21:47:56.2:9.3, 17.80S:176.64W, h0km, mb3.3/2, m1 3.6/2, mb1mx3.3/35, mbtmp3.3/2, Error ellipse: s-maj=412.5km s-min=62.7km az=143.0, Fiji Islands region

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

ECX 26:21:48:35.8:0.6, 31.81N:114.99W, h10km, MD3.1, ML3.3, NEIC 26:21:48:36.0:0.3, 31.81N:115.00W, h10km, ML3.0(PAS), ML3.1(ICC), After ECX

ISC 26:21:48:33.5:1.1, 31.88N:114.98W:0.02, h8km±10km, n40, ±1.61/60, 2C-2D, Gulf of California

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like El Zacaton, Glamis, La Rumorosa, Iron Mountain, etc.

DDA 26:22:15:22.9, 37:33N:37:10E, h17km, M13.5
ISK 26:22:15:22.6, 37:34N:37:14E, h7km, ML3.5/10
ISGJB 26:22:15:23.0, 37:32N:37:11E, 0.02, h5km, 5km,
Error ellipse: s-maj=4.3km s-min=3.3km az=9.9

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

DDA 26:21:50:06.3, 4.0, 18.24Sx172.77W, h0km, mb3.9/4,
mb1 4.2/4, mb1mx3.7/4, mbtm3.9/4, MS3.7/1, Ms1 3.7/1,
ms1mx2.7/26, Error ellipse: s-maj=26.7, 3km
s-min=26.9km az=153.0, Tonga Islands region

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

DDA 26:21:54:10.4, 3.6, 5.24Sx129.72E, h266km, 52km, mb2.9/1,
mb1 2.6/4, mb1mx2.5/34, mbtm3.3/4, Error ellipse:
s-maj=96.0km s-min=18.5km az=80.0, Banda Sea

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

MEX 26:22:06:15.4, 0.3, 24.34N x 110.34W, h10km, 6km, MD3.8,
Baja California

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

UCR 26:22:13:29.5, 1.5, 13.12N x 89.30W, h46km, 17km, ML4.0,
2C-3D, El Salvador

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

UCR 26:22:23:22.0, 0.4, 26.89N x 10.44, 24W, 0.07, h10km,
mb4.1/25, MS3.6/21, Error ellipse: s-maj=15.0km
s-min=7.4km az=159.4

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

DDA 26:22:15:22.9, 37:33N:37:10E, h17km, M13.5
ISK 26:22:15:22.6, 37:34N:37:14E, h7km, ML3.5/10
ISGJB 26:22:15:23.0, 37:32N:37:11E, 0.02, h5km, 5km,
Error ellipse: s-maj=4.3km s-min=3.3km az=9.9

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

MEX 26:22:21:42.8, 0.8, 24.71N x 110.20W, h16km, 13km, MD3.6,
Baja California

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

ISCJB 26:22:23:22.0, 0.4, 26.89N x 10.44, 24W, 0.07, h10km,
mb4.1/25, MS3.6/21, Error ellipse: s-maj=15.0km
s-min=7.4km az=159.4

DDA 26:22:23:22.0, 0.7, 26.89N x 10.44, 24W, h0km, mb3.9/16,
mb1 4.1/16, mb1mx3.9/43, mbtm3.9/16, MS3.6/21,
Ms1 3.6/21, ms1mx3.5/30, Error ellipse: s-maj=23.9km
s-min=16.8km az=153.0

NEIC 26:22:23:23.9, 0.4, 26.86N x 10.44, 24W, h10km, mb4.4/10, Error
ellipse: s-maj=13.2km s-min=6.6km az=159.0

GCMT 26:22:23:25.9, 0.5, 27.34N x 10.04, 44.52W, 0.04, h23km, 1km,
MW4.9/66, Moment Tensor Solution. s23.c23: s66.c93:
Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-2.71; 22;
Mss 1.0+1.12; Mss 1.70; 12; Ms1 4.8+2.20; Mss 2.3+0.8;
Mss 0.98+1.5; Best double couple: M2.80800x10^16
NP1: 221.00000, 66.40000, -1.80.00000. NP2:
0.19.00000, 82.80000, -1.109.00000. Principal axes:
T 2.450, Plg18.00000, Azm304.00000; N 1.1260,
Plg9.00000, Azm37.00000; P -3.3710, Plg70.00000,
Azm151.00000; nst1 refers to body waves, cutoff=40s.
nst2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 26:22:23:23.7, 0.6, 26.93N x 10.44, 24W, 0.1, h10km, n59,

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

DDA 26:22:32:56.1, 5.1, 5.20S x 159.94W, h0km, mb3.2/2,
mb1 3.3/2, mb1mx3.3/26, mbtm3.2/2, Error ellipse:
s-maj=232.4km s-min=38.3km az=91.0, Southern
Mid-Atlantic Ridge

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

ISC 26:22:37:18.8, 0.4, 36.30N x 71.34E, h76km, 34km, mb3.5/7,
mb1 3.7/13, mb1mx3.3/60, mbtm3.9/13, MS2.8/3,
Ms1 2.8/3, ms1mx2.4/29, Error ellipse: s-maj=29.5km
s-min=23.0km az=160.0

ISCJB 26:22:37:19.6, 0.4, 36.35N x 0.04, 71.18E, 0.05, h100km,
mb3.7/7, Error ellipse: s-maj=6.0km s-min=5.0km
az=143.7

NMC 26:22:37:27.8, 1.6, 36.88N x 71.00E, h153km, 17km, mb3.4,
mpv4.3, Error ellipse: s-maj=15.2km s-min=10.4km
az=161.0

ISC 26:22:31:20.5, 0.7, 36.44N x 0.06, 71.26E, 0.06, h100km, n45,
c290/51, mb3.8/7, 8C-12D, Afghanistan-Tajikistan
border region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MNAS Manas, UCH Uchtor, KZA Kyzart, etc.

MEX 26 22:42:16.9.0.7, 16.50N-98.32W, h10km, 6km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PNIC Pinotepa, TLIG Tlapa, VHO Vista Hermosa, etc.

MEX 26 22:44:05.1.0.3, 24.68N-110.21W, h15km, MD3.5, Baja California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LPIG La Paz, SRIG Santa Rosalia, etc.

KRSC 26 22:45:03.8-1.9, 49.92N-156.78E, h40km, 17km, ML3.8, Kuril Islands

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

NIED 26 22:45:00.26.50N-128.90E, h20km, Mw4.0 Best double couple: M=9.70000, 1014 NP1; s=52.00000, 835.00000, lambda=27.00000, NP2; s=164.00000, 875.00000, lambda=122.00000

ISCJB 26 22:45:44.4.0.8, 26.54N-128.89E, h26km, 37km, M3.7/15, mb3.8/15, MS2.8/1, Error ellipse: s-maj=6.6km s-min=5.5km az=2.5

JMA 26 22:45:45.4.0.2, 26.48N-128.95E, h35km, 3km, M3.6, IDC 26 22:45:45.9.5.5, 26.54N-128.89E, h26km, 37km, M3.7/15, mb1.3/18, mb1mx3.7/48, mbtmp3.8/18, ML3.5/3, MS3.0/3, Ms1.3/13, ms1mx2.6/32, Error ellipse: s-maj=20.3km s-min=14.6km az=2.5

ISC 26 22:45:44.6.0.6, 26.48N-128.98E, h21km, 3km, n33, c093/41, mb3.8/15, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JYRO Yoronjima, JYFO Yonigami, JOW Jow, etc.

IDC 26 23:14:32.6.1.7, 26.62S-178.63W, h320km, 16km, mb3.7/11, mb1.4/0.14, mb1mx3.9/27, mbtmp4.5/14, Error ellipse: s-maj=16.6km s-min=15.8km az=142.0

ISCJB 26 23:14:33.4.0.5, 27.10S-104.178.5W, 0.1, h35km, mb3.9/11, Error ellipse: s-maj=12.8km s-min=5.2km az=8-1

WEL 26 23:14:37.6.0.9, 28.51N-177.7W, h363km, 9km, ISC 26 23:14:35.1.0.6, 27.17S-106.178.4W, 0.1, h350km, n91, c29/2101, mb3.9/11, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RIZ Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CKHZ Cape Kidnapper, CKHZ Cape Kidnapper, TUUV Tukino, etc.

MEX 26 23:36:54.1.0.3, 15.24N-93.43W, h73km, 5km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PCIG Piedra Blanca, TXAR Lajitza, CMAR Chiang Mai, etc.

NNC 26 23:39:22.2.4, 37.37N-70.83E, h0km, mb3.6, mpv3.3, 5C/D, Error ellipse: s-maj=17.7km s-min=16.3km az=156.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SFK Sufti-Kurgan, SFK Sufti-Kurgan, MNAS Manas, etc.

BUI 26 23:39:54.0.1, 51.61N-178.22W, h31km, mb5.7/76, mb6.5/80, Ms6.7/97, Ms7.6/88

NEIC 26 23:39:55.1.0.1, 51.59N-178.30W, h16km, mb6.3/29C, ME6.5, MS6.5/298, MW6.4, MW6.4, MW6.4, ML6.2/AEIC, Error ellipse: s-maj=2.3km s-min=1.4km az=170.0

Moment Tensor Solution. s12 Moment tensor: Scale 1018Nm; Mn-1.98; Mw-1.33; Mw3.31; Mw2.19; Mw-2.19; Mw-0.98; Best double couple: M=4.30000, 1018 NP1; s=302.00000, 860.00000, lambda=147.00000

NP2: s=194.00000, 862.00000, lambda=35.00000; Principal axes: T=4.180, Plg1.00000; Azm249.00000; N=0.3100

Plg46.00000; Azm340.00000; P=-4.9000, Plg44.00000; Azm158.00000; Broadband fault plane solution: P waves. NP1: s=330.00000, 854.00000, lambda=149.00000

NP2: s=220.00000, 865.00000, lambda=40.00000; Principal axes: T=Plg6.00000; Azm277.00000; N=Plg0.00000; Azm0.00000; P=Plg45.00000; Azm180.00000; Depth from synthetics of broadband displacement seismograms

Energy computed from BB mechanism. NEIC Fell [V] on Adak. Also fell on Atka. ISCJB 26 23:39:55.8.0.3, 51.82N-178.19W, 0.01, h33km, 2km, mb6.0/747, MS6.5/694, Error ellipse: s-maj=2.6km s-min=1.4km az=173.4

IDC 26 23:39:55.8.0.3, 51.70N-178.22W, h25km, 6km, mb5.1/45, mb1.5/247, mb1mx5.2/48, mbtmp5.2/47, ML3.4/1, MS6.3/44, Ms1.6/344, ms1mx6.2/50, Error ellipse: s-maj=8.6km s-min=5.5km az=163.0

MOS 26 23:39:56.2.1.1, 51.63N-178.22W, h37km, mb6.1/136, MS6.4/123, Error ellipse: s-maj=5.6km s-min=4.1km az=100.1

NEIC 26 23:39:58.0.0.1, 51.28N-178.20W, h23km, Moment Tensor Solution. s27 Moment tensor: Scale 1018Nm; Mn-2.21; Mw-2.13; Mw3.43; Mw1.33; Mw-2.03; Mw-2.37; Best double couple: M=5.10000, 1018 NP1; s=195.00000

7.20.00000; lambda=0.00000; Azm306.00000; N=0.31000; lambda=155.00000; Principal axes: T=5.4400, Plg14.00000; Azm158.00000; N=0.8400, Plg42.00000; Azm1.00000; P=-4.5900, Plg43.00000; Azm152.00000; GCMT 26 23:39:59.1.0.1, 51.56N-178.08W, h15km, MW6.5/143, Moment Tensor Solution. s139c351; s143c610; Duration: 4s3 Moment tensor: Scale 1018Nm; Mn-3.07e-03; Mw-1.91e-03; Mw3.498e-02; Mw4.04e-10; Mw-2.73e-02; Mw1.97e-08; Best double couple: M=6.70000, 1018 NP1; s=197.00000, 863.00000

KBS	Kingsbay	49.65	357	eP	P	23 48 45.7	+0.7
MVCO	Mesa Verde	49.95	78	eP	P	23 48 48.5	+0.3
MVCO	Mesa Verde	49.95	78	P	P	23 48 48.6	+0.4
X16A	Lo Mia Camp, P	49.96	83	eP	P	23 48 49.6	+1.4
ISCO	Idaho Springs	50.05	73	eP	P	23 48 49.3	+0.3
ISCO	Idaho Springs	50.05	73	eP	P	23 48 49.3	+0.3
ISCO	Idaho Springs	50.05	73	P	P	23 48 49.5	+0.5
SPAO	Spitsbergen Ar	50.24	356	eP	P	23 48 49.2	-0.4
SPAO	Spitsbergen Ar	50.24	356	eP	P	23 48 49.5	-0.1
AGMN	Agassiz Nation	50.42	59	eP	P	23 48 50.0	-1.4
AGMN	Agassiz Nation	50.42	59	P	P	23 48 50.1	-1.2
W18A	Petrified Fore	50.55	81	eP	P	23 48 54.0	+1.3
W18A	Petrified Fore	50.55	81	P	P	23 48 53.3	+0.6
TARA	Tarawa	50.57	192	eP	P	23 48 53.7	+1.1
TARA	Tarawa	50.57	192	P	P	23 48 54.2	+0.9
S22A	4UR Ranch, Cre	50.63	76	P	P	23 48 54.6	+1.3
S22A	4UR Ranch, Cre	50.63	76	P	P	23 48 54.5	+0.4
214A	Organ Pipe Nat	50.76	86	P	P	23 48 55.1	+0.4
X18A	Snowflake	50.81	82	eP	P	23 48 56.0	+0.8
Q24A	Divide	50.86	74	eP	P	23 48 55.8	+0.7
Q24A	Divide	50.86	74	P	P	23 48 55.0	-1.1
SUSD	Miller	51.05	65	P	P	23 48 57.9	+0.4
DAG	Danmarks Havn	51.30	6	iP	P	23 48 57.9	+0.4
DAG	Danmarks Havn	51.30	6	iP	P	23 48 59.8	+0.4
SDCO	Great Sand Dun	51.43	75	eP	P	23 48 60.0	+0.6
SDCO	Great Sand Dun	51.43	75	P	P	23 49 03.0	+4.5
HSPB	Hornsund (broa	51.44	356	eP	P	23 56 16.3	+0.2
HSPB	Hornsund (broa	51.44	356	eP	P	23 58 48.4	
HSPB	Hornsund (broa	51.44	356	eP	P	23 58 49.3	-1.9
HSPB	Hornsund (broa	51.44	356	eP	P	23 49 04.5	+6.0
HSPB	Hornsund (broa	51.44	356	eP	P	23 49 00.2	+0.9
OGNE	Ogallala	51.46	70	P	P	23 48 59.2	-0.1
HVS	Khovu-Aksy	51.72	307	iP	P	23 48 58.9	-2.2
HVS	Khovu-Aksy	51.72	307	iP	P	23 49 02.2	+0.4
TUC	Tucson	51.78	84	eP	P	23 49 02.2	+0.4
TUC	Tucson	51.78	84	P	P	23 49 02.0	-1.0
YOJ	Yonaguni jima	51.95	262	eP	P	23 49 02.0	-1.0
YOJ	Yonaguni jima	51.95	262	eP	P	23 49 06.2	+0.5
XMAS	Kiritimati	52.31	153	eP	P	23 49 07.8	+0.7
XMAS	Kiritimati	52.31	153	eP	P	23 49 09.3	+1.0
KSCO	Kaye Shedlock	52.34	72	eP	P	23 49 05.9	+0.9
KSCO	Kaye Shedlock	52.34	72	P	P	23 49 08.4	+1.3
T25A	Trinidad	52.48	75	eP	P	23 49 07.8	+0.7
T25A	Trinidad	52.48	75	P	P	23 49 09.3	+1.0
LAZ	Ladron	52.63	80	eP	P	23 49 09.5	+0.9
ANMO	Albuquerque	52.68	79	eP	P	23 49 09.5	+0.9
ANMO	Albuquerque	52.68	79	eP	P	23 49 09.5	+0.9
ANMO	Albuquerque	52.68	79	eP	P	23 49 09.0	+0.4
YHNB	Yeheng	52.81	64	eP	P	23 49 08.6	-0.7
ECSD	EROS Data Cent	52.81	64	eP	P	23 49 08.1	-1.2
ECSD	EROS Data Cent	52.81	64	eP	P	23 49 11.3	+1.2
ENMN	Lemitar	52.96	80	eP	P	23 49 10.2	0.0
ENMN	Lemitar	52.96	80	eP	P	23 49 12.1	+1.1
Y22D	IRIS PASSCAL I	52.98	80	eP	P	23 49 10.5	-0.4
Y22D	IRIS PASSCAL I	52.98	80	eP	P	23 49 23.5	+1.1
LPM	Los Pinos Moun	53.00	79	eP	P	23 49 11.4	+0.3
WHN	Whitman	53.03	274	iP	P	23 49 10.2	-0.8
WHN	Whitman	53.03	274	iP	P	23 49 14.8	+3.8
WHN	Whitman	53.03	274	iP	P	23 51 13.3	
WHN	Whitman	53.03	274	iP	P	23 49 14.2	+0.7
WHN	Whitman	53.03	274	iP	P	23 49 12.2	+0.4
WHN	Whitman	53.03	274	iP	P	23 49 14.1	+0.3
NACB	Ninganchia	53.03	263	eP	P	23 49 11.4	+0.3
SUMG	Summit	53.05	14	eP	P	23 49 10.2	-0.8
SUMG	Summit	53.05	14	eP	P	23 49 14.8	+3.8
SUMG	Summit	53.05	14	eP	P	23 51 13.3	
SUMG	Summit	53.05	14	eP	P	23 49 14.8	+3.8
SUMG	Summit	53.05	14	eP	P	23 51 13.3	
BNN	Barren Site	53.11	80	eP	P	23 49 12.2	+0.4
319A	Douglas	53.35	84	eP	P	23 49 14.2	+0.7
319A	Douglas	53.35	84	eP	P	23 49 14.1	+0.3
BGNE	Belgrade	53.42	67	eP	P	23 49 13.0	-0.8
BGNE	Belgrade	53.42	67	eP	P	23 49 30.0	+1.6
ILULI	Ilulissat	53.48	21	PFAKE	LR	23 49 17.2	+3.5
ILULI	Ilulissat	53.48	21	P	P	23 49 15.1	+0.5

BJO	Bjornoya	53.70	253	eP	P	23 49 21.2	+6.0
SSLB	Suunglung	53.72	264	eP	P	23 49 16.0	-0.1
SSLB	Suunglung	53.72	264	eP	P	23 49 14.7	-1.4
F37A	Hinrichs Farm,	53.76	60	P	P	23 49 14.8	-1.4
E38A	The Farm, Brul	53.77	59	P	P	23 49 15.2	-1.0
E38A	The Farm, Brul	53.77	59	P	P	23 49 16.0	-0.6
YULB	Yu-li	53.79	262	eP	P	23 49 18.1	+0.4
YULB	Yu-li	53.79	262	eP	P	23 49 16.9	-0.8
HSIG	comp=Z,10um,18.0s	53.94	87	eP	P	23 54 18.8	+0.2
HSIG	comp=Z,286nm,1.3s	53.98	61	eP	P	23 49 16.7	-1.0
SPMN	comp=Z,16um,19.0s	53.98	61	eP	P	23 49 17.1	-0.9
SPMN	comp=Z,77nm,1.1s	53.98	61	eP	P	23 49 19.7	+0.3
SPMN	comp=Z,58um,21.0s	53.98	61	eP	P	23 49 19.7	+0.3
SPMN	Marine on St.	53.98	61	eP	P	23 49 19.0	-0.3
XAN	Xi'an	54.01	281	P	P	23 49 19.1	-0.1
XAN	Xi'an	54.01	281	P	P	23 50 23.5	+0.2
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	-1.1
XAN	Xi'an	54.01	281	P	P	23 50 23.0	0.0
XAN	Xi'an	54.01	281	P	P	23 51 20.3	+0.9
XAN	Xi'an	54.01	281	P	P	23 58 47.8	-4.5
XAN	Xi'an	54.01	281	P	P	23 59 04.5	

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Jewell Farm, Big Bay de Noc, Anomasa, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Yates City, Passleys Farm, Abilene, Hawlie, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like WMQ, J47A, SMP, SCHO, etc.

26d 23h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like O52A Adamsville, O52A Adamsville, U48A Cassie Pea, Po, Z44A Pea Ridge, Bel, M54A Oil Creek Stat, etc.

2012 SEP

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like 343A Vidalia, 244A Avery, Jackson, SS1A Beattyville, SS1A Beattyville, RS2A Cattlettsburg, etc.

1444

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CPCT comp=Z,62um,18.0s, PRZ Przheval'sk, PRZ comp=Z,168nm,1.4s, PRZ comp=Z,33um,20.0s, etc.

Y51A	Rockmart	66.09	65	P	P	23 50 40.1	-0.9
645A	Chauvin	66.11	72	P	P	23 50 42.2	+1.1
MOL	Molde	66.14	357	eP	P	23 50 41.7	+0.9
W53A	Cullowhee	66.23	63	P	P	23 50 41.9	-0.1
X52A	Dahlonega	66.24	64	P	P	23 50 41.7	-0.2
BLA	Blacksburg	66.24	60	eP	P	23 50 42.6	+0.6
BLA	Blacksburg	66.24	60	eP	P	23 50 42.6	+0.6
BLA	Blacksburg	66.24	60	eP	P	23 50 42.6	+0.6
BLA	Blacksburg	66.24	60	eP	P	23 50 42.6	+0.6
BLA	Blacksburg	66.24	60	eP	P	23 50 42.6	+0.6
348A	Jackson	66.27	69	eP	P	23 50 43.2	+1.1
348A	Jackson	66.27	69	eP	P	23 50 43.2	+1.1
447A	Lucedale	66.28	70	eP	P	23 50 43.0	+0.7
447A	Lucedale	66.28	70	eP	P	23 50 43.0	+0.7
447A	Lucedale	66.28	70	eP	P	23 50 43.0	+0.7
TKM2	Tokmak 2	66.31	310	iP	P	23 50 42.5	-0.1
TKM2	Tokmak 2	66.31	310	iP	P	23 50 42.5	-0.1
249A	Camden	66.31	68	P	P	23 50 42.5	+0.1
MVL	Millersville	66.32	55	eP	P	23 50 43.2	+0.8
MVL	Millersville	66.32	55	eP	P	23 50 43.2	+0.8
LUPA	Lehigh Univ	66.37	54	eP	P	23 50 42.1	-0.6
ODNJ	Ogdensburg	66.39	53	eP	P	23 50 43.3	+0.5
Z51A	Franklin	66.45	66	P	P	23 50 42.4	-0.9
150A	Eclectic	66.49	67	P	P	23 50 42.7	-0.9
SDMD	Soldier's Deli	66.50	56	eP	P	23 50 44.1	+0.6
SRDM	Juriquilla Cam	66.50	86	eP	P	23 50 44.6	+0.5
JRQJ	Juriquilla Cam	66.50	86	eP	P	23 50 44.6	+0.5
AKN	Aaknes	66.55	357	eP	P	23 50 47.3	+3.8
USP	Ospenovka	66.57	311	P	P	23 50 47.6	+3.6
X53A	Stanollee	66.64	64	P	P	23 50 44.3	-0.2
448A	Bay Minette	66.64	69	P	P	23 50 45.1	+0.6
CHMS	Chumysh	66.66	310	P	P	23 50 47.8	+3.3
PUL	Pulkovo	66.68	345	eP	P	23 50 46.5	+2.2
PUL	Pulkovo	66.68	345	eP	P	23 50 46.5	+2.2
Y52A	Liburn	66.68	65	eP	P	23 50 44.5	-0.3
Y52A	Liburn	66.68	65	eP	P	23 50 44.5	-0.3
BRNJ	Basking Ridge	66.71	54	eP	P	23 50 45.5	+0.6
349A	Repton	66.73	69	P	P	23 50 45.4	+0.3
PAL	Palisades	66.80	53	eP	P	23 50 46.1	+0.7
PAL	Palisades	66.80	53	eP	P	23 50 46.1	+0.7
PAL	Palisades	66.80	53	eP	P	23 50 46.1	+0.7
250A	Grady	66.81	68	eP	P	23 50 45.2	-0.4
250A	Grady	66.81	68	eP	P	23 50 45.2	-0.4
MOIG	Morelia	66.81	87	eP	P	23 50 46.7	+0.7
MOIG	Morelia	66.81	87	eP	P	23 50 46.7	+0.7
HRV	Adam Dziewonsk	66.82	50	eP	P	23 50 45.3	-0.2
HRV	Adam Dziewonsk	66.82	50	eP	P	23 50 45.3	-0.2
HRV	Adam Dziewonsk	66.82	50	eP	P	23 50 45.3	-0.2
HRV	Adam Dziewonsk	66.82	50	eP	P	23 50 45.3	-0.2
HRV	Adam Dziewonsk	66.82	50	eP	P	23 50 45.3	-0.2
KBK	Karagaybulak	66.82	310	P	P	23 50 49.1	+3.3
PSUB	Penn St - Bra	66.83	55	eP	P	23 50 48.8	+3.2
PSUB	Penn St - Bra	66.83	55	eP	P	23 50 48.8	+3.2
FRU	Bishkek	66.84	310	eP	P	23 50 48.0	+2.3
FRU	Bishkek	66.84	310	eP	P	23 50 48.0	+2.3
FRU	Bishkek	66.84	310	eP	P	23 50 48.0	+2.3
FRU	Bishkek	66.84	310	eP	P	23 50 48.0	+2.3
FRU	Bishkek	66.84	310	eP	P	23 50 48.0	+2.3
CPNY	Central Park	66.94	53	eP	P	23 50 47.1	+0.8
151A	Opelika	66.94	66	P	P	23 50 45.3	-1.2
BRAL	Brewton	66.94	69	eP	P	23 50 47.4	+1.0
BRAL	Brewton	66.94	69	eP	P	23 50 47.4	+1.0
BRAL	Brewton	66.94	69	eP	P	23 50 47.4	+1.0
Y53A	Monroe	66.96	64	P	P	23 50 46.0	-0.6
Z52A	Williamson	66.98	65	P	P	23 50 46.0	-0.7
GGN	Saint George	67.01	46	PFAKE	LR	23 51 00.0	+1.3
R58B	Mineral	67.04	58	P	P	23 50 46.3	-0.6
EMMW	East Machias	67.05	46	eP	P	23 50 46.5	-0.4
YLE	Yale	67.05	52	eP	P	23 50 47.5	+0.5
YLE	Yale	67.05	52	eP	P	23 50 47.5	+0.5
AAK	Ala-Archa	67.05	310	P	P	23 50 50.5	+3.3
AAK	Ala-Archa	67.05	310	P	P	23 50 50.5	+3.3
BATP	Bataraza	67.10	255	eP	P	23 50 43.7	-3.9
KZA	Kyzart	67.11	309	P	P	23 50 51.6	+3.6
CBN	Corbin Frederi	67.12	57	eP	P	23 50 48.4	+0.9
CBN	Corbin Frederi	67.12	57	eP	P	23 50 48.4	+0.9

CBN	Corbin Frederi	67.12	57	P	P	23 50 46.3	-1.2
449A	Pace	67.15	69	P	P	23 50 48.4	+0.6
350A	Dozier	67.17	68	P	P	23 50 47.8	-0.1
FOO	Floro	67.18	358	eP	P	23 50 48.2	+0.8
152A	Waverly Hall	67.19	66	eP	P	23 50 47.1	-0.9
152A	Waverly Hall	67.19	66	eP	P	23 50 47.1	-0.9
152A	Waverly Hall	67.19	66	eP	P	23 50 47.1	-0.9
251A	Milow	67.22	67	P	P	23 50 47.4	-0.8
PAULI	Pauline	67.24	62	eP	P	23 50 48.8	+0.5
PAULI	Pauline	67.24	62	eP	P	23 50 48.8	+0.5
NRN	Naryn	67.24	308	eP	P	23 50 49.2	+0.6
NRN	Naryn	67.24	308	eP	P	23 50 49.2	+0.6
KMSC	Kings Mountain	67.26	62	eP	P	23 50 48.0	-0.4
KMSC	Kings Mountain	67.26	62	eP	P	23 50 48.0	-0.4
KMSC	Kings Mountain	67.26	62	eP	P	23 50 48.0	-0.4
NC204	NORSAR Array S	67.31	355	eP	P	23 50 47.6	-0.8
NC204	NORSAR Array S	67.31	355	eP	P	23 50 47.6	-0.8
NC303	NORSAR Array S	67.32	355	eP	P	23 50 49.2	+0.8
LMN	Caledonia Mount	67.33	44	eP	P	23 50 49.0	+0.2
LMN	Caledonia Mount	67.33	44	eP	P	23 50 49.0	+0.2
GOGA	Godfrey	67.35	65	eP	P	23 50 47.9	-1.1
GOGA	Godfrey	67.35	65	eP	P	23 50 47.9	-1.1
GOGA	Godfrey	67.35	65	eP	P	23 50 47.9	-1.1
GOGA	Godfrey	67.35	65	eP	P	23 50 47.9	-1.1
GOGA	Godfrey	67.35	65	eP	P	23 50 47.9	-1.1
EKS2	Erkin-Say	67.38	311	P	P	23 50 53.0	+3.7
Z53A	Monticello	67.39	65	P	P	23 50 48.5	-0.7
NC405	NORSAR Array S	67.42	355	eP	P	23 50 49.4	+0.3
HODGE	Hodges	67.42	63	eP	P	23 50 49.5	0.0
HODGE	Hodges	67.42	63	eP	P	23 50 49.5	0.0
Y54A	Tignall	67.46	64	P	P	23 50 49.0	-0.7
450A	Crestview	67.48	69	P	P	23 50 50.2	+0.3
NB201	NORSAR Array S	67.50	355	eP	P	23 50 49.9	+0.3
NB2	NORSAR Subarra	67.52	355	eP	P	23 50 50.3	+0.6
NB2	NORSAR Subarra	67.52	355	eP	P	23 50 50.3	+0.6
NB200	NORSAR Array S	67.52	355	eP	P	23 50 48.6	-1.0
NOA	NORSAR Array B	67.52	355	eP	P	23 50 48.7	-1.0
NOA	NORSAR Array B	67.52	355	eP	P	23 50 48.7	-1.0
NOA	NORSAR Array B	67.52	355	eP	P	23 50 48.7	-1.0
NOA	NORSAR Array B	67.52	355	eP	P	23 50 48.7	-1.0
NOA	NORSAR Array B	67.52	355	eP	P	23 50 48.7	-1.0
NB00	NORSAR Array S	67.55	355	eP	P	23 50 51.1	+1.2
DRLN	Deer Lake	67.59	38	eP	P	23 50 50.6	+0.3
DRLN	Deer Lake	67.59	38	eP	P	23 50 50.6	+0.3
PMG	Port Moresby	67.66	217	P	P	23 50 51.9	+0.8
PMG	Port Moresby	67.66	217	P	P	23 50 51.9	+0.8
252A	Lumpkin	67.67	66	P	P	23 50 50.2	-0.9
351A	Pinckard	67.70	68	P	P	23 50 51.2	-0.1
153A	Fort Valley	67.71	65	P	P	23 50 50.7	-0.6
SUE	Sue	67.73	358	eP	P	23 50 51.8	+0.9
NAD01	NORSAR Array S	67.73	355	eP	P	23 50 51.4	+0.4
LSA	Lasa	67.75	290	P	P	23 50 54.8	+2.6
LSA	Lasa	67.75	290	P	P	23 50 54.8	+2.6
LSA	Lasa	67.75	290	P	P	23 50 54.8	+2.6
LSA	Lasa	67.75	290	P	P	23 50 54.8	+2.6
LSA	Lasa	67.75	290	P	P	23 50 54.8	+2.6
AKTO	Aktubinsk	67.77	325	P	P	23 50 50.6	-0.8
NC602	NORSAR Array S	67.80	355	eP	P	23 50 50.2	-1.3
AML	Almasharu	67.82	310	P	P	23 50 56.0	+3.6
Z54A	Sparta	67.83	64	P	P	23 50 51.5	-0.5
JSC	Jenkinsville	67.94	62	eP	P	23 50 52.5	-0.2
JSC	Jenkinsville	67.94	62	eP	P	23 50 52.5	-0.2
JSC	Jenkinsville	67.94	62	eP	P	23 50 52.5	-0.2
JSC	Jenkinsville	67.94	62	eP	P	23 50 52.5	-0.2
JSC	Jenkinsville	67.94	62	eP	P	23 50 52.5	-0.2
352A	Blakely	67.94	67	eP	P	23 50 52.4	-0.4
352A	Blakely	67.94	67	eP	P	23 50 52.4	-0.4
352A	Blakely	67.94	67	eP	P	23 50 52.4	-0.4
352A	Blakely	67.94	67	eP	P	23 50 52.4	-0.4
253A	Americus	67.97	66	eP	P	23 50 52.6	-0.3
253A	Americus	67.97	66	eP	P	23 50 52.6	-0.3
M65A	Busby, Falmout	67.98	51	P	P	23 50 51.7	-1.1
AB31	Akbulak array	68.04	323	iP	P	23 50 51.9	-1.2
AB31	Akbulak array	68.04	323	iP	P	23 50 51.9	-1.2
ABKAR	Akbulak array	68.04	323	eP	P	23 50 52.6	-0.5
TNTI	Ternate	68.07	241	eP	P	23 50 53.3	-0.4
TNTI	Ternate	68.07	241	eP	P	23 50 53.3	-0.4
451A	Vernon	68.11	68	eP	P	23 50 53.1	-0.7
451A	Vernon	68.11	68	eP	P	23 50 53.1	-0.7
451A	Vernon	68.11	68	eP	P	23 50 53.1	-0.7
MNAS	Mnans	68.11	311	iP	P	23 50 53.3	-0.6
MNAS	Mnans	68.11	311	iP	P	23 50 53.3	-0.6
154A	Montrose	68.14	65	eP	P	23 50 53.5	-0.5
154A	Montrose	68.14	65	eP	P	23 50 53.5	-0.5
154A	Montrose	68.14	65	eP	P	23 50 53.5	-0.5
Z55A	Blythe	68.24	64	P	P	23 50 54.4	-0.3
452A	Marianna	68.28	68	P	P	23 50 54.7	0.0
ASK	Askoy	68.30	358	eP	P	23 50 55.2	+0.8
UNM	Universidad Na	68.32	86	eP	P	23 50 55.8	+0.2
UNM	Universidad Na	68.32	86	eP	P	23 50 55.8	+0.2
BER	Bergen	68.39	358	eP	P	23 50 52.4	-2.7
353A	Camilla	68.45	67	P	P	23 50 55.2	-0.7

baz=318,SNR=24	Vasula	68.49	346	eP	P	23 50 56.4	+0.7
VSU	Vasula	68.49	346	eP	P	23 50 56.4	+0.7
VSU							

26d 23h

2012 SEP

1446

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., SNR, BER, etc.).

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., SNR, BER, etc.).

Table with columns for station ID, name, frequency, and various signal quality metrics (e.g., SNR, BER, etc.).

Table with columns: Station, Frequency, Mode, Power, and other metrics. Includes stations like BEL Belsk, FOEL Foel Wylifa, KBL Kabul, etc.

Table with columns: Station, Frequency, Mode, Power, and other metrics. Includes stations like PVCC Panska Ves, CTA Charters Tower, MOX Moxa, etc.

Table with columns: Station, Frequency, Mode, Power, and other metrics. Includes stations like KBZ, UZH Uzhgorod, MMRI Maumere, etc.

1449

2012 SEP

26d 23h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like NKME Niksic, PVY Plav, KDZ Kurdzali, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like ROSA, PGAV Gaveira, PGAV Gaveira, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like ANX An Chora, LKD2 Lefkada island, PVO Paravola, etc.

27d 0h

MAKU	Maku	1.78 298	ePn	Pn	00 56 33.6	-1.4
HYR	Heyderabad	1.87 310	U P	Pn	00 56 33.9	-2.1
HYR			U S	Pn	00 57 00.0	+0.4
SAAT	Saatly	1.88 45	U P	Pn	00 56 37.7	+1.6
SAAT			U S	Pn	00 57 05.7	+1.3
ZRD	Zardab	1.90 23	U P	Sg	00 56 37.6	+1.2
ZRD			U S	Sg	00 57 06.9	+1.8
GANJ	Ganja	2.13 352	U P	Pn	00 56 40.0	+0.3
GANJ			U S	Sg	00 57 11.3	-1.4
KDMR	Kurdemir	2.16 31	U P	Sg	00 56 41.4	+1.4
KDMR			U S	Sg	00 57 13.8	+0.2
GNI	Garni	2.22 317	eP	Pb	00 56 43.8	-0.6
GNI			ePn	Pb	00 56 42.4	+1.4
GNI			eS	Pn	00 57 07.5	-1.0
GNI			eS	Pn	00 56 42.8	+1.8
GNI	Garni	2.22 317	ePn	Pn	00 56 42.4	+1.4
GNI			ePn	Pn	00 56 43.7	-0.6
MNGR	Mingechevir, A	2.25 7	U P	Pn	00 56 42.2	+1.0
MNGR			U S	Sg	00 57 15.1	-1.5
CLDR	Caldiran	2.27 286	eP	Pn	00 56 42.6	+0.9
CLDR			eP	Pn	00 56 43.1	+1.4
CLDR			eS	Sg	00 57 20.7	+3.7
CLDR			eS	Pn	00 56 42.6	+0.9
ALIB	Alibayra	2.28 51	U P	Pn	00 56 43.1	+1.5
ALIB			U S	Sb	00 57 16.1	+2.8
GDB	GEDABAY	2.31 342	U P	Pn	00 56 41.8	-0.4
GDB			U S	Sb	00 57 14.6	+0.2
TASB	TASBURUN-IGDIR	2.41 308	eP	Pn	00 56 44.0	+0.6
ZNJK	Zanjan	2.43 139	ePn	Pn	00 56 42.0	-1.9
ZNJK			ePn	Pn	00 56 42.8	-1.1
ZNJK			ePn	Pn	00 56 42.8	-1.1
VMUR	Van-Muradiye	2.50 281	P	Pn	00 56 46.7	+1.9
VMUR			eS	Sg	00 57 25.3	+0.9
IML	Ismayilli	2.52 26	U P	Sg	00 56 46.4	+1.4
IML			U S	Sb	00 57 22.6	+2.1
QBL	Gabala	2.56 19	U P	Sb	00 56 46.8	+1.3
QBL			U S	Sb	00 57 22.7	+1.2
DYDN	Diyadin	2.56 294	U P	Sg	00 57 26.6	+0.1
DYDN			eS	Pn	00 56 46.7	+0.5
HAKT	HAKKARI	2.57 249	eS	Sg	00 57 29.5	+2.9
HAKT			eS	Pn	00 56 47.5	+1.4
TVAN	TVAN	2.59 271	eP	Pn	00 57 33.2	+5.7
TVAN			eS	Sg	00 56 47.5	+1.2
VANB	Van	2.61 272	eP	Pn	00 56 47.4	+1.2
VANB			eP	Pn	00 56 48.2	+1.6
GBS	Gobustan	2.64 40	U P	Pn	00 57 24.3	+0.5
GBS			U S	Sb	00 56 48.8	+1.5
POL	Pirkuli	2.68 32	U P	Sb	00 57 26.3	+1.3
POL			U S	Sb	00 56 49.3	+2.0
ERCV	ERCIS-VAN	2.68 281	eP	Pn	00 56 48.7	+1.3
SEKA	Sheki	2.70 8	U P	Pn	00 57 26.7	+1.3
SEKA			U S	Pn	00 56 47.4	-0.3
OZXX	Ozax, Azerbai	2.73 338	U P	Pn	00 57 23.2	+2.6
OZXX			U S	Pn	00 56 48.9	+0.4
CUKT	Cukurca	2.77 243	eP	Pn	00 56 48.9	+0.4
CUKT			ePn	Pn	00 56 50.9	+1.2
XNQ	Xinaliq	2.85 22	U P	Pn	00 57 30.5	+0.3
XNQ			U S	Sb	00 56 51.8	+1.7
GEVA	Gevas	2.88 267	U P	Sg	00 57 37.3	+0.6
GEVA			U S	Sg	00 56 51.5	+1.4
ATGJ	Altighaj	2.89 36	U P	Sb	00 57 31.1	+0.6
ATGJ			U S	Pb	00 56 55.7	-0.9
DDFL	Dedoflistsikaro	2.94 351	P	Pn	00 56 52.9	+1.6
GOBA	Gobu	2.99 50	U P	Pn	00 57 33.6	-0.2
GOBA			U S	Sb	00 56 53.7	+1.5
SIZA	Siyaz	3.05 33	U P	Pn	00 57 35.5	0.0
SIZA			U S	Pn	00 56 55.3	+2.5
AGRB	Hanur-Agry	3.08 291	eP	Pn	00 56 55.3	+2.5
AGRB			ePn	Pn	00 56 57.0	-2.0
DGRG	David-gareji	3.09 341	P	Pb	00 56 57.0	-2.0
DGRG			ePn	Pn	00 56 53.7	+0.7
ZKTA	Zakatata	3.10 359	U P	Pn	00 57 35.8	-1.2
ZKTA			U S	Sb	00 56 54.9	+1.5
QUBA	Quba, Azerbai	3.13 25	U P	Pn	00 57 37.8	-0.2
QUBA			U S	Pn	00 57 44.7	-0.2
ADCV	BITLIS_Adilcev	3.13 276	eP	Pn	00 56 57.7	+3.7
ADCV			eS	Pn	00 57 47.6	+1.9
TUTA	Tutak	3.16 287	eP	Pn	00 56 58.1	+3.7
TUTA			eS	Pn	00 57 51.0	+4.2
DIGO	Kars	3.19 307	eP	Pn	00 56 55.7	+1.3
DIGO			eS	Pn	00 57 39.1	-1.0
QSAR	Qusar	3.21 21	U P	Sb	00 56 58.7	+4.0
QSAR			U S	Sg	00 57 48.1	+0.5
EAK	Akyaka	3.22 313	eP	Pn	00 56 56.5	+1.5
EAK			eS	Pn	00 57 40.3	-1.1
NDR	Nardaran	3.25 50	U P	Pn	00 57 04.0	+0.4
NDR			U S	Pb	00 57 02.2	+3.7
KZRT	Kazreti	3.36 329	eP	Pn	00 57 02.2	+3.7
KZRT			ePn	Pn	00 57 02.2	+3.7
KARS	Kars	3.50 308	eP	Pn	00 57 02.2	+3.7
KARS			ePn	Pn	00 57 02.2	+3.7
IGZV	Ghazvin	3.52 126	ePn	Pn	00 56 58.0	-0.8
IGZV			ePn	Pn	00 56 58.0	-0.8
IGZV			IAML		00 58 00.5	
IGZV			IAML		00 58 06.1	
IGZV			IAML		00 58 07.3	
SIRT	Sirnak	3.53 254	eP	Pn	00 57 00.2	+1.3
SIRT			ePn	Pn	00 57 00.1	+1.2
TBLG	Delisi	3.54 335	eP	Pb	00 57 04.5	-2.1
TBLG			eP	Pb	00 57 07.1	+0.4
TBLG			ePn	Pb	00 57 03.4	-3.2
TBLG			ePn	Pb	00 57 05.3	-1.6
EATA	Eleskirt	3.54 293	eP	Pn	00 57 58.2	+0.4
EATA			eS	Pb	00 57 06.5	-0.3
SEAG	Tbilisi Sea	3.54 336	P	Pb	00 56 59.5	-0.6
SEAG			ePn	Pb	00 58 03.3	
HKZM	HKZM	3.60 150	ePn	Pn	00 58 05.4	
HKZM			IAML		00 58 05.4	
HKZM			IAML		00 58 12.9	
TRLG	Traleili	3.61 327	P	Pb	00 57 07.9	-0.1
ILIN	Lien	3.61 177	ePn	Pn	00 56 59.6	-0.6
ILIN			ePn	Pn	00 56 59.6	-0.6
ILIN			IAML		00 58 09.5	
BGD	Bogdanovka	3.63 320	P	Pb	00 57 08.2	-0.2
GURO	Guroymak-BITLI	3.67 272	eP	Pn	00 57 03.2	+2.3
GURO			ePn	Pn	00 57 03.1	+2.2
AKH	Akhakalaki	3.79 320	eP	Pn	00 57 07.4	+4.8
AKH			ePn	Pb	00 57 11.6	+0.5
AKH			ePn	Pn	00 57 11.6	+0.5
SRTM	Sirt_Merkez	3.81 263	eP	Pn	00 57 04.3	+1.6
SRTM			eS	Sg	00 58 07.0	+0.5
DUS	Dusheti	3.87 337	P	Pn	00 57 06.9	+3.4
DUS			ePn	Pn	00 57 06.9	+3.4
SENK	Senkaya-Erzuru	3.93 302	eP	Pn	00 57 06.0	+4.1
IVIS	Veis	4.00 178	ePn	Pn	00 57 06.0	+0.6
IVIS			ePn	Pn	00 57 06.0	+0.6
IVIS			IAML		00 58 17.8	
IVIS			IAML		00 58 19.5	
IVIS			IAML		00 58 26.8	
IRAZ	Razeghan	4.05 140	Pn	Pn	00 57 05.4	-0.7

2012 SEP

IRAZ	Razeghan	4.05 140	ePn	Pn	00 57 05.4	-0.7
IRAZ			IAML		00 58 15.3	
IRAZ			IAML		00 58 20.0	
IRAZ			IAML		00 58 21.8	
BTLR	Botlikh	4.14 355	ePn	Pn	00 57 11.2	+3.9
BTLR			eP	Pn	00 57 10.2	+2.7
IBZA	IBZA	4.16 167	ePn	Pn	00 57 08.8	+1.1
IBZA			IAML		00 58 29.4	
IBZA			IAML		00 58 42.4	
IBZA			IAML		00 58 52.4	
HAGD	Aghdareh	4.19 152	ePn	Pn	00 57 07.4	-0.6
HAGD			IAML		00 58 19.6	
HAGD			IAML		00 58 25.0	
HAGD			IAML		00 58 41.5	
IMHD	Mahdashit	4.25 131	Pn	Pn	00 57 09.1	+0.3
IMHD			ePn	Pn	00 57 09.1	+0.3
IMHD			IAML		00 58 18.5	
IMHD			IAML		00 58 19.3	
IMHD			IAML		00 58 26.8	
GUDC	Gudauri	4.28 337	P	Pb	00 57 17.1	-2.3
SVAN	SVAN	4.35 267	eP	Pn	00 57 12.9	+1.5
SVAN			ePn	Pn	00 57 12.6	+2.4
IKOM	IKOM	4.40 171	Pn	Pn	00 57 10.3	-0.6
IKOM			ePn	Pn	00 57 10.4	-0.5
IKOM			IAML		00 58 37.0	
IKOM			IAML		00 58 37.5	
DVE	Vedeno	4.44 354	ePn	Pn	00 57 15.5	+4.1
MAK	MAK	4.46 7	eS	Sg	00 57 24.5	+2.1
MAK			emax	emax	00 58 27.1	-0.3
MAK			emax	emax		
MAK			emax	emax		
MAK			MLR	MLR		
HSAM	HSAM	4.57 160	ePn	Pn	00 57 14.5	+1.1
HSAM			IAML		00 58 45.0	
HSAM			IAML		00 58 49.0	
LACR	LACR	4.67 338	ePn	Pn	00 57 19.3	+4.8
GROC	GROC	4.72 352	ePn	Pn	00 57 20.2	+5.1
GROC			emax	emax	00 58 19.3	-4.2
GROC			emax	emax		
GROC			emax	emax		
GROC			emax	emax		
BNGB	Bing'iji	4.74 277	eP	Pn	00 57 18.5	+3.0
ONI	ONI	4.75 330	P	Pb	00 57 26.7	-0.8
ONI			ePn	Pn	00 57 26.6	-0.8
ZEI	ZEI	4.76 334	ePn	Pn	00 57 21.3	+5.4
IAFJ	IAFJ	4.80 122	Pn	Pn	00 57 18.8	+2.2
IAFJ			IAML		00 58 47.9	
IAFJ			IAML		00 58 48.4	
BINT	Bingol	4.88 276	Pn	Pn	00 57 18.4	+0.9

Table with columns: Station, Name, Comp, Az, El, AzM, ElM, SNR, P, S, X, Y, Z, etc. Includes stations like MANT, AB31, AB31, etc.

Table with columns: BRVK, Borovoye, LANS, etc. Includes stations like BRVK, LANS, SUW, etc.

Table with columns: WMQ, Urumqi, NB2, etc. Includes stations like WMQ, NB2, NOA, etc.

ISC/JB 27 00:58:59.6:0.6,24:72N:0.03:122:71E:0:02,h15km,5km, Error ellipse: s-maj=5.4km s-min=3.2km az=19.3 JMA 27 00:58:59.7:0.1,24:66N:122:69E,h26km,M2,9 TAP 27 00:59:01.0,24:71N:122:51E,h5km,1km,ML3,0,D ISC 27 00:58:59.0:1.0,24:70N:0.04:122:68E:0:02,h18km,4km, Code Station Name Az El Op phase ID Time Res

27d 1h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like GUR, BZS, SOP, etc.

2012 SEP

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like LASF, SGRR, GOCF, etc.

1458

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like DBOC, DBAD, NC303, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NEIC 27 02:41:38.9,0.5, 55:45S; 27:64W, h35km, mb4.4/11, Error ellipse: s-maj=10.0km s-min=7.9km az=206.0.

ISCJB 27 02:49:08.7,0.5, 51:31N; 178:11W, 0.04, h10km, mb3.7/12, Error ellipse: s-maj=8.8km s-min=3.5km az=167.5

IDC 27 02:49:08.6,0.7, 51:45N; 178:01W, h0km, mb3.8/12, mb1.4/14, mb1mx3.9/42, mbtmp3.9/14, ML4.2, Error ellipse: s-maj=27.7km s-min=14.7km az=159.0

NEIC 27 02:49:10.7,0.0, 51:46N; 178:12W, h12km, ML4.1(AEIC), after AEIC

ISC 27 02:49:09.9,0.7, 51:42N; 09:178:12W, 0.03, h10km, n47, 0:675/44, mb3.8/11, Andreon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TASE Tanaga Southeast, TAPA Tanaga Point A, TAFP Tanaga Falls P.

ISCJB 27 02:57:57.2,0.4, 50:06N; 0:03:18:36E, 0.03, h0km, Error

ellipse: s-maj=3.9km s-min=2.3km az=5.7 IPEC 27 02:57:58.5,0.2, 50:05N; 18:47E, h0km, ML2.0/3, Error ellipse: s-maj=2.0km s-min=1.1km az=160.0

WAR 27 02:57:58.7,0.5, 50:06N; 18:44E, h1km, Mw2.5 PRU 27 02:57:59.2,0.0, 50:03N; 18:41E, h0km

VIE 27 02:58:06.8,3.5, 49:70N; 18:12E, h0km, mb1.8/3, ml2.4/3, Error ellipse: s-maj=22.4km s-min=10.1km az=65.0 1/8 km SSW of Ostrava Suspected Mining Induced.

ISC 27 02:57:58.7,0.8, 50:04N; 0:03:18:42E, 0.02, h0km, n28, 0:676/50, Poland

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

MOS 27 03:02:11.1, 2.9, 48:57N; 158:08E, h30km, mb4.4/1, Error ellipse: s-maj=49.1km s-min=7.0km az=86.6

KRSC 27 03:02:11.2, 1.9, 48:57N; 158:08E, h30km, mb4.3, East of Kuril Islands

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

IDC 27 03:03:34.6, 1.0, 9:60N; 85:78W, h0km, mb4.1/8, mb1.4/3/10, mb1mx4.0/32, mbtmp4.1/10, ML3.2/2, Error ellipse: s-maj=21.1km s-min=11.7km az=161.0

UCR 27 03:03:35.9, 1.6, 9:57N; 85:77W, h15km, 6km, MD4.1, mb4.4(NEIC)

ISCJB 27 03:03:40.2, 0.7, 9:84N; 0:05:85:63W, 0.04, h46km, 4km, mb4.2/37, Error ellipse: s-maj=9.4km s-min=4.6km az=28.9

NEIC 27 03:03:41.1, 1.2, 9:82N; 85:57W, h37km, 9km, mb4.4/32, Error ellipse: s-maj=13.8km s-min=6.6km az=208.0

ISC 27 03:03:38.4, 1.0, 9:70N; 0:06:85:68W, 0.04, h28km, 6km, n203, r131/219, mb4.3/37, 1C-10D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VCR Vista de Mar, PLVR Puerto Verde, JuntasAbangare.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LIM1 Limalon, CUI Cuipilapa, CUI Cuipilapa, LAFI Finca la Perla.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like X53A Estanollee, J5C Jenkinsville, X45A UM Field Stati, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HLID Hailey, BOZ Bozeman (W), VCNR Virginia City, etc.

ISCJB 27 03:03:47.4, 0.7, 24.78N, 0.04, 110.14W, 0.08, h15km, mb3.4/1, Error ellipse: s-maj=10.4km s-min=6.0km az=1.4

IDC 27 03:03:48.2, 1.3, 24.73N, 110.04W, h0km, mb3.4/1, m1 3.0/4, mb1mx3.5/37, mbtm3.2/4, ML3.5/3, Error ellipse: s-maj=36.3km s-min=9.2km az=109.0

MEX 27 03:03:49.7, 0.3, 24.74N, 110.08W, h12km, 8km, MD3.6 ISC 27 03:03:48.4, 1.1, 24.65N, 110.23W, 0.08, h15km, n7, a162/10, Baja California

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

SJA 27 03:13:35.7, 0.9, 34.19S, 67.01W, h70km, 10km, ML3.2, MW3.5, Mendoza Province

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like RFA San Rafael, AVIZ Vizcacheras, AAGR Agrelo, etc.

IDC 27 03:21:51.5, 2.1, 21.29S, 67.28W, h194km, 22km, mb3.9/2, mb1 3.6/6, mb1mx3.2/28, mbtm3.4/1.6, Error ellipse: s-maj=24.5km s-min=21.3km az=73.0, Chile-Bolivia border region

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

IDC 27 03:23:10.3, 1.3, 29.75S, 178.15W, h125km, 9km, mb3.2/1, mb1 3.6/2, mb1mx3.2/30, mbtm3.8/2, Error ellipse: s-maj=54.4km s-min=22.1km az=112.0, Kermadec Islands

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

NEIC 27 03:28:45.9, 0.0, 51.44N, 178.24W, h24km, mb4.6/160, 4.4(AE(C), After 4(AE(C)

ISCJB 27 03:28:47.3, 0.3, 51.74N, 0.05, 178.32W, 0.03, h47km, 2km, mb4.5/161, MS3.8/6, Error ellipse: s-maj=7.7km s-min=3.1km az=171.5

IDC 27 03:28:48.6, 1.6, 51.67N, 178.35W, h44km, 20km, mb4.0/24, mb1 4.2/24, mb1mx4.1/44, mbtm3.4/24, MS3.5/6, M1 3.5/6, ms1mx3.2/39, Error ellipse: s-maj=20.1km s-min=10.4km az=164.0

MOS 27 03:28:48.6, 1.6, 51.72N, 178.11W, h48km, mb4.5/36, Error ellipse: s-maj=10.4km s-min=8.0km az=148.8

BUI 27 03:28:50.0, 51.770N, 177.90W, h45km, mb4.8/16, mB5.2/9, M54.7/5, M57.4/6

ISC 27 03:28:48.0, 0.8, 51.156N, 0.08, 178.20W, 0.03, h44km, 5km, m10, 1934/498, mb4.5/161, MS3.6/6, Andean/O Islands

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ADK Adak, ADK Adak, ADK Adak, etc.

PETK comp=Z, 278nm, 21.3s, baz=96, slow=34 LR

OHAK Old Harbor 15.53 59 eP Pn 03 32 20.6 -3.8

SVW2 Sparrevoth 03.48 44 eP Pn 03 32 23.1 -3.3

KDAX Kodiak Island 16.01 57 P Pn 03 32 27.4 -3.2

KDAX comp=Z, 262nm, 20.6s, baz=285, slow=36 LR

KDAX Kodiak Island 16.01 57 eP Pn 03 32 27.4 -3.2

KDAX comp=Z, 262nm, 20.6s, baz=285, slow=36 LR

KDAX Kodiak Island 16.01 57 eP Pn 03 32 27.4 -3.2

KDAX comp=Z, 262nm, 20.6s, baz=285, slow=36 LR

KDAX Kodiak Island 16.01 57 eP Pn 03 32 27.4 -3.2

KDAX comp=Z, 262nm, 20.6s, baz=285, slow=36 LR

KDAX Kodiak Island 16.01 57 eP Pn 03 32 27.4 -3.2

KDAX comp=Z, 262nm, 20.6s, baz=285, slow=36 LR

KDAX Kodiak Island 16.01 57 eP Pn 03 32 27.4 -3.2

KDAX comp=Z, 262nm, 20.6s, baz=285, slow=36 LR

KDAX Kodiak Island 16.01 57 eP Pn 03 32 27.4 -3.2

KDAX comp=Z, 262nm, 20.6s, baz=285, slow=36 LR

KDAX Kodiak Island 16.01 57 eP Pn 03 32 27.4 -3.2

KDAX comp=Z, 262nm, 20.6s, baz=285, slow=36 LR

KDAX Kodiak Island 16.01 57 eP Pn 03 32 27.4 -3.2

KDAX comp=Z, 262nm, 20.6s, baz=285, slow=36 LR

KDAX Kodiak Island 16.01 57 eP Pn 03 32 27.4 -3.2

KDAX comp=Z, 262nm, 20.6s, baz=285, slow=36 LR

KDAX Kodiak Island 16.01 57 eP Pn 03 32 27.4 -3.2

KDAX comp=Z, 262nm, 20.6s, baz=285, slow=36 LR

KDAX Kodiak Island 16.01 57 eP Pn 03 32 27.4 -3.2

27d 3h

YKA	Yellowknife Ar	34.83	47	P	P	03 35 34.2	-0.9
YKA	comp=Z,1.5nm,0.5s,baz=273,slow=9.6,SNR=5.6						
YKAB	comp=Z,2.2nm,18.3s,baz=268,slow=37						
YKAD	Yellowknife Ar	34.83	47	eP	LR	03 50 26.7	
YKBS	Lummi Island	34.96	72	P	P	03 35 34.2	-0.9
YKBD	baz=296					03 35 37.7	+1.4
H1S1	WAKE ISLAND Hy	35.08	205	T	T	04 12 40.0	
H1S2	WAKE ISLAND Hy	35.09	205	T	T	04 12 41.0	
H1S3	WAKE ISLAND Hy	35.09	205	T	T	04 12 40.7	
D03D	Eldon	35.27	74	P	P	03 35 41.2	+2.2
B05A	Bryant	35.53	73	P	P	03 35 42.8	+1.6
F04D	Rainier, OR	36.01	76	P	P	03 35 47.2	+1.8
E04D	Cinebar	36.04	75	P	P	03 35 47.5	+1.8
D05A	Enumclaw	36.09	74	eP	P	03 35 50.2	+4.2
LOH	Longmire	36.41	75	eP	P	03 35 50.9	+2.0
LOH	Longmire	36.41	75	eP	P	03 35 50.9	+2.0
LTY	Liberty	36.85	73	eP	P	03 35 53.7	+1.1
B08A	Colville Reser	37.12	71	eP	P	03 35 55.8	+0.9
H04A	Detroit Lake	37.21	78	eP	P	03 35 57.4	+1.7
G05D	Wamic, OR	37.45	77	P	P	03 35 59.4	+1.6
I04A	Trendick Farm,	37.54	79	P	P	03 36 00.1	+1.6
I05D	Terrebonne, OR	37.91	78	P	P	03 36 02.9	+1.3
HAWA	Hamford	37.95	74	eP	P	03 36 03.3	+1.4
D08A	Wollman Farm,	37.99	73	eP	P	03 36 03.0	+0.9
C09A	Christman Ranch	38.01	71	eP	P	03 36 03.2	+0.8
J04D	Umpqua Natona	38.02	80	P	P	03 36 03.8	+1.1
PINE	Pine Mountain	38.44	78	eP	P	03 36 10.9	+4.6
PINE	Newport	38.47	70	eP	P	03 36 19.9	+1.8
NEW	Newport	38.47	70	eP	P	03 36 06.7	+0.4
NEW	Newport	38.47	70	eP	P	03 36 06.9	+0.6
NEW	Newport	38.47	70	eP	P	03 36 06.9	+0.6
NEW	Newport	38.47	70	eP	P	03 36 06.6	+0.4
YBH	Yreka Blue Hor	38.48	82	P	P	03 36 08.4	+1.8
J05D	Fort Rock, OR	38.57	79	P	P	03 36 08.4	+1.4
K04D	Chiloquin, OR	38.58	81	P	P	03 36 08.5	+1.2
E09A	Wood Farm, Sta	38.72	73	eP	P	03 36 09.4	+1.0
G08A	Pilot Rock	38.86	75	eP	P	03 36 10.6	+0.9
M04C	Macdoel	38.89	82	P	P	03 36 12.3	+1.5
K05A	Summer Lake	39.05	80	eP	P	03 36 13.2	+1.8
I07A	Izee	39.16	77	P	P	03 36 16.8	+4.6
F10A	Beach Ranch, E	39.54	73	eP	P	03 36 16.1	+0.7
O03D	Payne Creek	39.87	84	P	P	03 36 18.9	+0.8
MOD	Modoc Plateau	39.87	81	eP	P	03 36 19.8	+1.6
KSR5	Korea Array	40.01	271	P	P	03 36 19.4	+0.2
KSR5	Korea Array	40.01	271	P	P	03 36 19.4	+0.2
KSR5	Korea Array	40.01	271	P	P	03 36 19.4	+0.2
KS15	Wonju Array B	40.04	271	eP	P	03 36 19.4	-0.1
KSAR	Wonju Array Be	40.04	271	eP	P	03 36 19.4	0.0
BMO	Blue Mountains	40.08	75	eP	P	03 36 21.0	+1.2
BMO	Blue Mountains	40.08	75	eP	P	03 36 21.0	+1.2
J08A	Circle Bar Ran	40.18	77	eP	P	03 36 22.4	+1.7
JTMT	Jette	40.38	69	eP	P	03 36 22.9	+0.6
ORV	Oroville	40.49	84	eP	P	03 36 26.2	+3.0
WVOR	Wild Horse Val	40.60	79	eP	P	03 36 25.5	+1.3
WVOR	Wild Horse Val	40.60	79	eP	P	03 36 25.5	+1.3
JNU	Nakatsu	40.97	264	P	P	03 36 24.6	-2.6
JNU	Nakatsu	40.97	264	P	P	03 36 24.6	-2.6
BEKR	Beckworth	41.02	83	eP	P	03 36 31.0	+3.3
MSO	Missoula	41.05	70	eP	P	03 36 28.2	+0.4
MSO	Missoula	41.05	70	eP	P	03 36 28.0	+0.2
PAHR	Pah Rah Range	41.72	83	eP	P	03 36 36.7	+3.3
VCNR	Virginia City	41.80	83	eP	P	03 36 37.6	+3.5
PNTR	Pine Nut	41.95	84	eP	P	03 36 37.0	+1.6
HRY	Holter Researc	42.35	69	eP	P	03 36 38.8	+0.3
WAKR	Walker	42.41	84	eP	P	03 36 43.0	+3.9
HLID	Hailey	42.53	75	eP	P	03 36 41.1	+1.1
HLID	Hailey	42.53	75	eP	P	03 36 40.8	+0.7
DLMT	Dillon	42.62	71	eP	P	03 36 38.4	-2.3
MCMT	McKenzie Canyo	42.77	72	eP	P	03 36 42.4	+0.4
EGMT	Eagleton	42.86	67	eP	P	03 36 42.5	0.0
EGMT	Eagleton	42.86	67	eP	P	03 36 42.5	0.0
RYN	Ryan	42.90	83	eP	P	03 36 46.5	+3.5
KVN	Kaiserville	42.91	83	eP	P	03 36 44.9	+1.8
BOZ	Bozeman (W)	43.07	71	eP	P	03 36 44.5	+0.2
BOZ	Bozeman (W)	43.07	71	eP	P	03 36 44.5	+0.2
BOZ	Bozeman (W)	43.07	71	eP	P	03 36 44.4	+0.2
NV01	Mina Array S12	43.16	83	eP	P	03 36 46.3	+1.1
NV01	Mina Array S12	43.16	83	eP	P	03 36 46.3	+1.1
NV01	Mina Array S12	43.16	83	eP	P	03 36 46.3	+1.1
NVAR	Mina Array Bea	43.16	83	eP	P	03 36 46.3	+1.1
NVAR	Mina Array Bea	43.16	83	eP	P	03 36 46.3	+1.1
NVAR	Mina Array Bea	43.16	83	eP	P	03 36 46.3	+1.1
MDPB	Devils Postpil	43.17	85	eP	P	03 36 48.8	+3.4
OMMB	Old Mammoth Mi	43.23	85	eP	P	03 36 47.9	+2.0
NV11	Mina Array S11	43.25	83	eP	P	03 36 49.4	+3.5
FFC	Flin Flon	43.73	55	P	P	03 36 48.1	-1.2
YHB	Horse Butte	43.79	71	eP	P	03 36 50.8	+0.6
YHH	Holmes Hill	43.97	71	eP	P	03 36 52.2	+0.5
H17A	Grant Village	44.35	71	eP	P	03 36 56.8	+1.9
H17A	Grant Village	44.35	71	eP	P	03 36 55.9	+1.1

2012 SEP

IMW	Indian Meadow	44.42	72	eP	P	03 36 56.5	+1.2
FLWY	Flagg Ranch	44.46	72	eP	P	03 36 57.1	+1.5
FXWY	Fox Creek	44.52	73	eP	P	03 36 58.1	+2.0
CWC	Cottonwood Cr	44.54	85	P	P	03 36 57.1	+0.9
HVU	Hansel Valley	44.54	76	eP	P	03 36 57.5	+1.3
HVU	Hansel Valley	44.54	76	eP	P	03 36 57.5	+1.3
MOOW	Moose Ponds	44.62	72	eP	P	03 36 58.2	+1.3
TPAW	Teton Pass	44.65	73	eP	P	03 36 58.1	+0.9
RLMT	Red Lodge	44.72	70	eP	P	03 36 58.2	+0.6
RLMT	Red Lodge	44.72	70	eP	P	03 36 58.0	+0.4
LOHW	Long Hollow	44.78	72	eP	P	03 36 59.0	+0.8
ISA	Isabella, Lake	44.79	87	eP	P	03 37 00.7	+2.5
ISA	Troy Canyon, C	44.89	82	eP	P	03 38 41.1	-2.0
R11A	Troy Canyon, C	44.89	82	eP	P	03 36 59.9	+0.8
R11A	Troy Canyon, C	44.89	82	eP	P	03 36 59.8	+0.8
BGU	Big Grassy Mou	44.89	77	eP	P	03 37 00.7	+1.7
DAC	Darwin (Calif)	44.95	85	eP	P	03 37 00.1	+0.6
DAC	Darwin (Calif)	44.95	85	eP	P	03 37 00.1	+0.6
DAC	Darwin (Calif)	44.95	85	eP	P	03 37 00.1	+0.6
SPUT	South Promonto	45.02	76	eP	P	03 37 01.7	+1.7
MPMC	Manual Prospec	45.15	85	P	P	03 37 01.8	+0.7
FURC	Furnace Creek,	45.28	85	P	P	03 37 02.8	+0.9
TPNV	Topopah Spring	45.35	84	eP	P	03 37 03.7	+1.0
TPNV	Topopah Spring	45.35	84	eP	P	03 37 03.7	+1.0
TPNV	Topopah Spring	45.35	84	eP	P	03 37 03.7	+1.0
TPNV	Topopah Spring	45.35	84	eP	P	03 37 03.7	+1.0
HWUT	Hardware Ranch	45.38	75	eP	P	03 37 04.4	+1.6
DUG	Dugway, Tooele	45.46	78	eP	P	03 37 04.7	+1.2
DUG	Dugway, Tooele	45.46	78	eP	P	03 37 04.7	+1.2
DUG	Dugway, Tooele	45.46	78	eP	P	03 37 04.3	+0.8
DUG	Dugway, Tooele	45.46	78	eP	P	03 37 04.7	+1.2
LAO	LASA Array	45.60	66	P	P	03 37 04.7	+0.2
DECC	Green Verdugo	45.79	88	P	P	03 37 07.1	+1.1
PSUT	Pine Spring	45.84	80	eP	P	03 37 07.5	+0.8
BW06	Boulder Array	45.90	73	eP	P	03 37 07.2	+0.2
BW06	Boulder Array	45.90	73	eP	P	03 37 07.2	+0.2
PD31	Pinedale Array	45.90	73	eP	P	03 37 07.2	+0.2
PDAR	Pinedale Array	45.90	73	eP	P	03 37 07.2	+0.2
PDAR	Pinedale Array	45.90	73	eP	P	03 37 06.9	-0.1
SHOC	Shoshone, Tecco	46.01	85	P	P	03 37 08.2	+0.5
JLU	Jordanelle	46.05	76	eP	P	03 37 09.9	+1.7
NLU	North Lily Min	46.06	77	eP	P	03 37 09.5	+1.2
GSC	Goldstone, Bar	46.06	86	eP	P	03 37 09.1	+0.9
GSC	Goldstone, Bar	46.06	86	eP	P	03 37 09.1	+0.9
GSC	Goldstone, Bar	46.06	86	eP	P	03 37 09.1	+0.9
BFC	Bonanza Baldy Ra	46.22	88	P	P	03 37 10.4	+0.8
ULN	Ulaanbaatar	46.51	296	iP	P	03 37 15.8	+4.1
TUQ	Turquoise Moun	46.52	85	P	P	03 37 12.5	+0.6
CCUT	Cedar City	46.76	81	eP	P	03 37 14.9	+1.1
MSU	Marysval	46.89	79	eP	P	03 37 16.1	+1.3
MSU	Marysval	46.89	79	eP	P	03 37 16.1	+1.3
SONAO	Songino Array	46.90	297	eP	P	03 37 18.0	+3.3
SONM	Songino Array	46.90	297	eP	P	03 37 18.0	+3.3
SONM	Songino Array	46.90	297	eP	P	03 37 18.0	+3.3
TMUT	Trail Mountain	46.99	78	eP	P	03 37 17.2	+1.5
GMRC	Granite Mounta	47.11	85	P	P	03 37 16.7	+0.2
LCMT	Little Creek M	47.17	81	eP	P	03 37 18.2	+1.3
MTPU	Mont Piersoc	47.18	80	eP	P	03 37 18.9	+1.7
P18A	Preston Nutter	47.37	77	eP	P	03 37 20.0	+1.3
BELC	Belle Mtn. Jos	47.41	87	P	P	03 37 19.2	+0.3
KNB	Kanab	47.43	81	eP	P	03 37 20.4	+1.4

Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like Y40A Yellville, T41A Mountain View, S42A Caledonia, etc.

Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like W51A Cleveland, X50B Fort Payne, Y49A Blount Mountai, etc.

Table with columns: STKA, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include STKA Stephens Creek, STKA Stephens Creek, TOA1 Torodi Ar. Sit, etc.

27d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Malin Array Si, Bucovina Ar. S, Murtele Rosu, Hagfors, NORSAR Subarra, NORSAR Array B, NOA, CLM, NMCCN, LTX, TXAR.

BEO 27 03:47:55.8:0.8,41.23N:14.51E,h0km,ML3.4/6
ROM 27 03:47:58.0:1.41:161N:0.005:14.923E:0.007,
h10km,ML3.5/38

ISCJB 27 03:47:58.4:0.2,41.15N:0.01:14.81E:0.02,h18km,2km,
mb3.6/4,Error ellipse: s-maj=2.8km s-min=1.8km az=42.4
LDG 27 03:47:58.8:0.1,41.18N:14.97E,h2km,ML3.3/11,Error
ellipse: s-maj=2.7km s-min=1.6km az=25.0

IDC 27 03:47:59.2:1.0,41.43N:14.73E,h0km,mb3.6/5,
mb1.3,8/10,mb1mx3.739,mbtmp3.710,ML3.4/5,Error
ellipse: s-maj=20.4km s-min=12.8km az=91.0
PDG 27 03:47:59.5:0.6,41.18N:14.97E,h8km,ML3.4/11,Error
ellipse: s-maj=0.6km s-min=0.7km az=0.0

ISC 27 03:47:59.1:0.7,41.15N:0.02:14.87E:0.02,h13km,4km,
n203,1978/260,mb3.7/4,15C-8D,Southern Italy

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Monte Rocchett, Pescosannita, SACR S. Croce Del S, Carife, MOCO Biccari - m.te, PTRLJ Pietraraja, SNAL S. Angelo Dei.

2012 SEP

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like SNAL, GATE GATV, MCRV Calabritti - M, OVO Vesuviano, MRLC Muro Lucano, TRIV Miranda, MISC Monte Massico, RNI2 Rionero Sannit, CERA Filignano, PALZ Palazzo San Ge, MOCO MOCO, PZUN Potenza.

1464

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ACER Acerenza, CMRP Campora, SGRT San Giovanni R, MSAG Monte S. Angelo, POFI Posta Fibreno, MCEM Montecello, MTSN Montesano sul, MGR Morigerati, BULG Bulgheria - Ca.

27d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VOIR, HINF, CDF, MLR, etc.

MAN 27 03:55:20.6, 6.64N, 123.82E, h5km, mb3.9, ML2.6, IC, Mindanao

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

MEX 27 04:05:46.8, 0.6, 16.38N, 98.45W, h8km, 11km, MD3.7, Near coast of Guerrero

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

NEIC 27 04:09:04.3, 0.0, 51.15N, 178.06W, h18km, ML2.8(AEIC), After AEIC, Andean's Islands

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

IDC 27 04:12:43.9, 1.3, 62.88N, 150.51W, h74km, 16km, mb3.4/5, s-maj=3.7/10, mb1mx3.4/42, mbtmp3.8/10, Error ellipse: s-maj=3.75, 0.0km s-min=10.0km az=105.0

ISCJB 27 04:12:44.3, 0.3, 62.88N, 150.49W, 0.05, h99km, 3km, mb3.6/5, Error ellipse: s-maj=3.8km s-min=3.1km az=179.2

NEIC 27 04:12:45.6, 0.0, 62.88N, 150.52W, h92km, ML3.7(AEIC), After AEIC

ISC 27 04:12:45.4, 0.7, 62.88N, 150.51W, 0.03, h94km, 5km, n88, c082/105, mb3.8/5, Central Alaska

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

2012 SEP

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

DAWY Dawson 5.12 72 ePn Pn 04 13 59.7 0.0

TOLK Toolik Lake RE 5.79 3 P Pn 04 14 10.3 +1.5

DLBC Dease Lake 10.97 105 P Pn 04 15 19.1 0.0

TXAR 1.6jms, 0.7s, baz=72, slow=16, SNR=5.9 45.02 11 P 04 20 52.8 +1.4

SOMN Songino Array 54.06 306 P Pn 04 22 01.6 +1.6

BVAR Beroyev Array 60.06 323 P Pn 04 22 42.1 +0.2

TXAR 0.1nm, 0.5s, baz=311, slow=4.7, SNR=2.2 45.02 11 P 04 21 13.0 -0.7

SOMN Songino Array 54.06 306 P Pn 04 22 01.6 +1.6

BVAR Beroyev Array 60.06 323 P Pn 04 22 42.1 +0.2

ISC 27 04:39:14.6, 4.1, 21.21S, 179.60W, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.7/25, mbtmp3.7/3, Error ellipse: s-maj=266.1km s-min=30.3km az=156.0, Fiji Islands

ASAR Alice Springs 42.91 258 P Pn 04 47 14.1 -1.2

WWR Warramunga Arr 40.3 263 P Pn 04 47 16.5 +0.2

AKASA Keskin Array B 146.27 311 PKP PKP 04 58 50.9 +0.9

BRTR Keskin Array B 146.19 311 PKP P 04 58 58.1 +0.1

DDA 27 04:42:01.6, 4.0, 14N, 31.66E, h7km, ML2.5 15.02 11 P 04 42 26.7 +1.8

ISC 27 04:42:02.1, 4.0, 14N, 31.68E, h5km, ML2.1/6 15.02 11 P 04 42 26.7 +1.8

ISC 27 04:42:01.8, 1.3, 40.16N, 0.03, 31.66E, 0.03, h1km, 13km, n17, c1547/24, Turkey

CMDR Camlidere-ANKA 0.70 62 P Pn 04 42 14.3 -1.0

SVRH Sivrihisar-ESK 0.72 189 PG SG 04 42 15.3 -0.3

BCAM Yenicega 0.72 25 P Pn 04 42 15.6 -0.1

LOD Lodumlu 0.89 107 PG Pn 04 42 19.4 -0.7

ANTO Gulveren 0.92 108 PG Pn 04 42 21.6 -0.4

SAHE Sakarya, HENDEK 0.93 319 P Pn 04 42 20.6 -1.5

BORA Eskisehir 0.97 254 PG Pn 04 42 21.4 -1.3

KIZT Kizilcal 1.29 172 PN Pn 04 42 25.9 -0.6

AFSR Afar-Bala (A) 1.30 123 PN Pn 04 42 26.8 +0.1

KKUL Konya-Kulu 1.38 135 P Pn 04 42 28.1 -0.2

1466

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

MEX 27 05:35:02.1, 0.3, 24.59N, 109.80W, h15km, 7km, MD3.6, Gulf of California

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

MEX 27 05:35:40.3, 0.6, 16.37N, 98.23W, h13km, 3km, MD3.7, Near coast of Guerrero

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

ISCJB 27 05:38:37.5, 0.8, 71.59N, 0.06, 10.8W, 0.2, h10km, Error ellipse: s-maj=3.1km s-min=5.3km az=139.1

ISC 27 05:38:40.3, 1.8, 71.53N, 0.48W, h8km, 52km, ML2.8 0.2, Error ellipse: s-maj=3.8km s-min=10.96W, 0.06, h10km, az=c200/15, Jan Mayen Island region

JMI Jan Mayen 0.94 129 eP Pn 05 38 56.4 +0.2

JMI Jan Mayen West 0.96 121 eP Pn 05 38 56.5 0.0

JMI Jan Mayen 0.97 124 eP Pn 05 38 56.1 -0.1

JNE Jan Mayen East 1.02 121 eP Pn 05 39 09.1 -1.4

JSC Scoresbyvann 3.74 259 i Pn 05 39 36.9 +1.5

SCG Danmarks Havn 5.66 342 i Pn 05 40 03.2 +1.4

HSPB Hingsund (broa) 8.95 40 eP Pn 05 40 48.7 +1.9

SPA0 Spitsbergen Arr 9.64 34 eP Pn 05 40 59.8 +3.5

IDC 27 06:17:11.7, 399.0, 51.34N, 116.29E, h0km, Error ellipse: s-maj=152.0km s-min=140.0km az=95.0, East of Lake Baykal

I34MN SONGINO INFRAS 7.33 245 i Pn 07 03 50.0

I45RU USSA/58K INFR 12.73 118 i Pn 07 41 40.0

I44RU PETROP/AVLOVSK25 19 70 i Pn 08 49 30.0

NNC 27 06:35:17.2, 1.8, 54.29N, 86.26E, h0km, mb4.0, mpv3.3, 6C, 4D, Error ellipse: s-maj=22.8km s-min=8.6km az=167.0, Suspected Mining explosion, Southwestern Siberia

ZAA0 Zalesovo Array 0.91 249 P Pn 06 35 34.6 -0.1

KURK Kurchatov 5.88 236 P Pn 06 36 46.3 +0.8

KURB Kurchatov Arra 5.98 235 P Pn 06 36 47.1 +0.2

KURBB 5.7nm, 0.6s, baz=54, slow=31 5.98 235 P Pn 06 38 27.1

MK09 Makanchi Array 7.94 200 P Pn 06 37 16.1 +2.3

MK09 2.9nm, 0.9s 7.94 200 P Pn 06 38 44.9 +0.6

MK09 0.8nm, 0.6s 7.94 200 P Pn 06 39 29.7

MAN 27 05:38.9, 12.41N, 123.62E, h10km, mb4.4, ML3.3, MS3.0, 4C, 1D, Luzan

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

ISC 27 07:16:02.7, 0.2, 51.57N, 0.04, 178.05W, 0.04, h10km, mb4.5/15, MS3.3/10, Error ellipse: s-maj=6.1km s-min=3.2km az=178.2

IDC 27 07:16:02.2, 0.7, 51.51N, 178.06W, h0km, mb4.1/10, mb1 4.4/12, mb1mx4.0/54, mbtmp4.1/12, ML4.1/2, MS3.2/12, Ms1 3.2/12, mb1mx3.3/38, Error ellipse: s-maj=25.6km s-min=16.0km az=161.0

NEIC 27 07:16:03.5, 0.6, 51.54N, 178.08W, h6km, 3km, mb4.5/14, ML4.0(AEIC), Error ellipse: s-maj=5.8km s-min=2.5km az=178

BJJ 27 07:16:07.5, 51.70N, 177.60W, h25km, mb4.9/10, mb5.3/4, Ms4.7/3, Ms7.4/4/3

ISC 27 07:16:03.9.0.6.5151N.0'08.178'03W.0'03.h10km, n265.0f94/250,mb4.5/115,MS3.2/10,Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TASE Tanaga Southeast, TAFA Tanaga Flat A, TAFF Tanaga Falls P, GAEA Gareloi East, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSRS Korea Array, WVOR Wild Horse Val, BEKA Beckworth, PAHR Pah Rah Range, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PV21 Cone Mtn., Par, PV23 Carpenter Ridg, PV10 Paradox Valley, etc.

Table with columns: BOVS, THL, PVO, EVR, VAY, ABTA, ABTA, LIT, ANX, KNT, EFF, AGG, AGG, SERR, LKA, TRIZ, KALE, KLV, DSF, PLF, FRF, LMR, LMR, FETA, FETA, GUR, XOR, BZS, DAVOX, DAVOX, DAVOX, MOA, MOA, CONA, CONA, PYL, KEST, KEST, SMRF, SMRF, GERES, GERES, GERES, GERES, VYHS, VYHS, VYHS, DRGR, DRGR, KHC, KHC, KHC, KHC, ARR, VOIR, VOIR, HINF, HINF, CDF, CDF, MLR, MLR, MLR, APE, BRG, FLOR, IDI, IDI, VRI, BURAR, BURAR, LOR, LOR, SSF, SSF, TLB, TIR, TIR, TIR, KLN, KLN, BRTR, ESDC, SOC, SOC, OBN, OBN, OBN, OBN, NOA, NOA, NOA, NOA, KIV, KIV, NEY, NEY, KBZ, FINES, FINES, ZEI, ZEI, ARCES, TORD, ARU, ARU, ARU, BRVK, BRVK, SFJD, KURK, KURK, ZALV

Table with columns: MKAR, DGZ, DGZ, SOG, ULN, ULN, NEIC 27 08:36:33.6, NEIC 27 08:36:33.7, Code, Station Name, Az, Az, Phase ID, Time Res, h m s ISC

Table with columns: PMPB, PMPB, VCNR, VCNR, RUBR, RUBR, BELC, BELC, PAHR, PAHR, SAO, SAO, PSUT, PSUT, PSUT, PSUT, CCUT, CCUT, CCUT, CCUT, XFFO, XFFO, WFAJ, WFAJ, AFDM, AFDM, SZCU, SZCU, BMN, BMN, BC3, BC3, KNB, KNB, BEKR, BEKR, Y12C, Y12C, PKCU, PKCU, U15A, U15A, MTPU, MTPU, Y14A, Y14A, TMUT, TMUT, MPU, MPU, WVOR, WVOR, PV23, PV23, TUC, TUC, TUC, TUC, IDC 27 08:58:27.7, IDC 27 08:58:27.7, Code, Station Name, Az, Az, Phase ID, Time Res, h m s ISC

Table with columns: HHC, S, S, 10 44 50.0 +4.1, Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WMQ Urumqi, MK09 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WMQ Urumqi, MK09 Makanchi Array, etc.

Table with columns: ZKR, AML, AML, 11 00 56.7, Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZKR Zakros, ZKR Sitia Lasithi, etc.

ISCJB 27 10:39:20.3±1.5, 3.5S±0.1, 146.8E±0.1, h250km, mb4.0/3, Error ellipse: s-maj=18.3km s-min=13.7km az=166.4

ISC 27 10:39:20.3±1.5, 5.4S±0.1, 146.8E±0.1, h250km, mb3.6/3, mb1 3.7/6, mb1mx3.2/45, mbtmp4.1/6, Error ellipse: s-maj=25.5km s-min=14.1km az=103.0

ISC 27 10:39:20.9±1.4, 5.4S±0.1, 146.8E±0.1, h250km, nb6, ±355/10, mb4.3/3, Eastern New Guinea region

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

ISC 27 10:43:16.7±2.9, 43.28N±84.88E, h0km, mb3.8/1, mb1 3.5/6, mb1mx3.3/61, mbtmp3.4/5, ML3.1/4, Error ellipse: s-maj=42.3km s-min=24.1km az=51.0

ISCJB 27 10:43:17.1±1.0, 43.50N±0.85E±29E±0.06, h10km, mb3.6/1, Error ellipse: s-maj=13.9km s-min=5.6km az=16.8

BUI 27 10:43:17.5, 43.34N±85.17E, h6km, ML3.4/10, NNC 27 10:43:19.4±1.5, 43.47N±85.07E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=12.6km s-min=7.5km az=121.0

ISC 27 10:43:18.9±1.1, 43.41N±0.09E±85.23E±0.05, h10km, n14, ±1927/20, 12C-5D, Northern Xinjiang

DDA 27 10:57:02.9, 40.07N±43.07E, h7km, ML3.7, NSSP 27 10:57:02.4, 40.00N±42.97E, h8km, Ms3.5, TIF 27 10:57:02.6, 40.03N±42.96E, h9km, 2km, ISK 27 10:57:03.0, 40.05N±43.16E, h5km, ML3.2/17, AZER 27 10:57:06.8±2.1, 40.34N±43.04E, h7km, ml3.2/7, Error ellipse: s-maj=43.7km s-min=20.5km az=21.0

ISC 27 10:57:04.3±0.9, 40.05N±0.02E±43.01E±0.02, h9km, 8km, n47, ±183/64, 5C-7D, Turkey-Georgia-Armenia border

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EATA Eleskirt, DIGO Kars, etc.

ISC 27 11:00:16.0±1.3, 34.27N±26.23E, h0km, mb3.8/7, mb1 3.8/10, mb1mx3.7/41, mbtmp3.7/10, ML3.9/3, MS2.9/1, Ms1 2.9/1, ms1mx2.2/36, Error ellipse: s-maj=24.0km s-min=19.4km az=23.0

ATH 27 11:00:21.2, 34.37N±26.11E, h30km, 2km, ML2.8/2, Error ellipse: s-maj=4.2km s-min=1.6km az=353.0, baz=175

THE 27 11:00:24.1, 34.51N±25.99E, h5km, 2km, ML2.6/8, Error ellipse: s-maj=2.7km s-min=1.1km az=6.0

ISC 27 11:00:20.4±2.0, 34.34N±0.08E±26.09E±0.05, h14km, 10km, n41, ±1936/49, mb3.8/7, 2C, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZKR Zakros, ZKR Sitia, etc.

GUC 27 11:05:53.2±0.5, 30.54S±70.25W, h98km, 7km, ML3.6, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like G004 Tololo Observa, G004 Combarbala, etc.

ISC 27 11:23:14.8±1.9, 24.59N±109.81W, h0km, mb3.4/1, mb1 3.7/4, mb1mx3.5/43, mbtmp3.2/4, ML3.7/3, Error ellipse: s-maj=47.0km s-min=9.4km az=124.0, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPIG La Paz, LPIG Lajitas Array, etc.

ISC 27 11:24:11.2±0.9, 24.75N±110.03W±0.03, h10km, mb4.1/4, MS3.5/5, Error ellipse: s-maj=4.5km s-min=4.2km az=32.3

MEX 27 11:24:11.2±0.8, 24.87N±110.34W, h13km, ML3.8, ISC 27 11:24:12.1±1.0, 24.60N±0.07W±110.009, h10km, n109, ±988/105, mb4.3/4, MS3.5/5, Baja California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPIG La Paz, LPIG Santa Rosalia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GLA Glamis, In-Co-Pah, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Y12C Blythe, MONP2 Monument Peak, BC3 Big Chalkwall, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like S48A Wiedeman Farm, NEW Newt, NEW Newport, etc.

MAN 27 11:29:02.9,526N 122°19'E, h13km, mb4.4, ML3.3, MS3.1, Celebes Sea

ISCJB 27 11:30:24.7:0.7,30.1N:0.1:138.7E:0.2, h443km, mb3.4/8, Error ellipse: s-maj=22.1km s-min=13.1km az=165.2

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MJAR Matsushiro Arr, KSR5 Korea Arr, ASAJ Asahikawa, etc.

ISCJB 27 11:31:32.0:0.4, 17.3S:0.1:177.01W:0.10, h10km, mb4.5/24, MS4.3/15, Error ellipse: s-maj=19.2km

NEIC 27 11:31:33.6:0.3, 17.27S:176.95W, h10km, mb4.6/17, Error ellipse: s-maj=16.1km s-min=14.2km az=142.0

ISC 27 11:31:34.0:0.6, 17.3S:0.1:177.1W:0.1, h10km, mb5.3, s141/41, mb4.5/24, MS4.3/15, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DZM Mont Dzumac, PPT2 Papeete2, TBI Tubuai, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NV01 Mina Array Sit, NVAR Mina Array Bea, NVAR Paradox Valley, etc.

ISK 27 11:37:30.9, 37°30'N:38°59'E, h8km, ML2.5/7

ISCJB 27 11:37:31.8:0.6, 37.32N:0.04:38.57E:0.03, h8km, 5km, Error ellipse: s-maj=7.0km s-min=4.4km az=173.4

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like URFA Urfa, ATAB Bozova, SANL SANLIURFA_Merk, etc.

GCMT 27 11:38:58.0:0.4, 17.55S:0.02:176.51W:0.02, h12km, MV4.9/73, Moment Tensor Solution, s12,c13; s73,c35

Duration: 0 Moment tensor: Scale 1016Nm; Mw:0.52±0.12; Mw-2.4±0.10; Mw-2.0±0.08; Mw-1.5±0.05; Mw-1.0±0.03; Mw-0.5±0.02; Mw-0.2±0.01

ISC 27 11:38:52.2:3.0, 16.98S:177.13W, h0km, mb3.7/4, mb1.4/14, mb1mx3.7/29, mbtm3.7/4, MS3.7/3, MS1.3/7.3, ms1mx3.4/22 Error ellipse: s-maj=169.8km

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DZM Mont Dzumac, RAR Rarotonga, PPT2 Papeete2, etc.

ISN 27 11:42:56.3:0.3, 37.45N:42.48E, h0km, ML2.3

ISK 27 11:42:58.1, 37.55N:42.41E, h5km, ML2.3/4 DDA 27 11:42:59.0, 37.50N:42.46E, h5km, ML2.6

ISC 27 11:42:58.5:1.6, 37.58N:0.07:42.50E:0.05, h3km±15km, n9, o882/13, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SIRT Sirkap, SIRS S-rnak, SRTM Siirt_Merkez, etc.

MEX 27 11:56:59.2:0.8, 16.15N:98.43W, h4km±9km, MD3.7, Near coast of Guerrero

27d 13h

Table of station data for 27d 13h, including columns for station name, coordinates, elevation, and other parameters.

2012 SEP

Main table of station data for 2012 SEP, including columns for station name, coordinates, elevation, and other parameters.

1476

Table of station data for 1476, including columns for station name, coordinates, elevation, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMRV, EADA, EPLA, PAB, EQES, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CCGI, APG, PCIG, TGIG, CMIG, HUIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like W52A, U41A, U42A, U40A, U43A, etc.

ISC/JB 27 13:05:20.7±0.5, 47.67N±0.07, 148.2E±0.1, h350km, mb3.1/5, Error ellipse: s-maj=12.5km s-min=6.8km az=44.7

MOS 27 13:05:21.7±0.9, 47.66N±148.10E, h379km, mb3.8/1, Error ellipse: s-maj=28.4km s-min=10.3km az=60.3

IDC 27 13:05:22.8±1.7, 47.66N±148.01E, h384km, 23km, mb2.9/5, mb1.3/0.11, mb1mx2.8/49, mbtmp3.6/11, Error ellipse: s-maj=43.8km s-min=17.1km az=144.0

SKHL 27 13:05:22.0±1.6, 47.57N±148.06E, h368km, 25km, mb4.5/5, msh5.0/2

ISC 27 13:05:21.5±0.7, 47.66N±0.07, 148.16E±0.07, h350km, n27, e239/33, mb3.3/5, 3C-1D, Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUR, YSS, SHO, YUK, etc.

ISC/JB 27 13:14:27.0±0.5, 15.25N±0.05, 91.69W±0.04, h230km, 3km, mb4.2/13, Error ellipse: s-maj=9.1km s-min=5.6km az=30.6

IDC 27 13:14:30.7±0.6, 15.45N±91.22W, h231km, 3km, mb3.4/7, mb1.3/7/10, mb1mx3.4/36, mbtmp4.1/10, Error ellipse: s-maj=25.8km s-min=10.5km az=51.0

27d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 048A Farmland, N44A Piper City, P52A Corning, etc.

IDC 27 13:19:43.71.8, 19.405x177.74W, h0km, mb3.6/4, mb1 4.0/5, mb1mx3.7/23, mbmtmp3.8/5, ML4.0/1, Error ellipse: s-maj=54.1km s-min=33.4km az=124.0, Fiji Islands region

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

IDC 27 13:44:08.81.4, 11.131N:126.56E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/41, mbmtmp3.5/4, Error ellipse: s-maj=150.8km s-min=20.7km az=69.0, ISCJB 27 13:44:11.51.0, 11.31N:126.126.78E:0.08, h37km, mb3.5/4, Error ellipse: s-maj=11.7km s-min=8.3km az=149.8

MAN 27 13:44:12.3, 11.30N:126.55E, h107km, mb4.3, ML3.2, M32.9

IDC 27 13:44:13.8.1.1, 11.32N:126.76E:0.1, h37km, n8, <1500/13, mb3.5/4, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BESE Borongan, SCPH Surigao, WRA Warramunga Arr, etc.

2022 SEP

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

ISCJB 27 13:59:45.5.0.5, 39.56N:104.105.97E:0.05, h10km, mb3.4/4, Error ellipse: s-maj=6.0km s-min=5.4km az=142.9, IDC 27 13:59:46.5.1.1, 39.51N:105.87E, h0km, mb3.4/5, mb1 3.6/7, mb1mx3.4/56, mbmtmp3.5/7, ML3.5/2, Error ellipse: s-maj=37.0km s-min=16.7km az=70.0, BJI 27 13:59:50.7.39.52N:101.70E, h6km, ML3.9/13, Ms3.5/1, ISC 27 13:59:50.1.0.7, 39.58N:105.105.83E:0.04, h10km, n12, <2548/20, mb3.6/4, Western Nei Mongol

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BTO Baotou, LZH Lanzhou, GTA Gaotai, XAN Xi'an, SONM Songino Array, WMO Urumqi, MKAR Makanchi Array, etc.

IDC 27 14:00:44.0.3.7, 19.69S:175.31W, h49km, mb3.5/6, mb1 3.9/7, mb1mx3.6/43, mbmtmp3.8/7, ML4.0/1, C, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afiatalu, AFI Alice Springs, WRA Warramunga Arr, TXAR Lajitas Array, SYO Synowa Base, CMAR Chiang Mai Arr.

IDC 27 14:02:56.7.1.8, 9.77S:117.65E, h0km, mb3.6/3, mb1 3.8/6, mb1mx3.5/46, mbmtmp3.7/6, ML3.4/3, MS3.4/2, Ms1 3.4/2, ms1mx2.7/36, Error ellipse: s-maj=82.4km s-min=21.3km az=47.0, ISCJB 27 14:03:00.2.0.6, 9.88S:106.118.01E:0.05, h10km, mb3.6/2, MS3.9/1, Error ellipse: s-maj=9.3km s-min=5.2km az=29.4, DJA 27 14:03:03.0.9.10, 5.41N:118.81E, h10km, M4.0/13, ML14.0/13

IDC 27 14:03:01.6.1.0, 9.79S:107.117.98E:0.05, h10km, n19, <1507/18, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLAI Plampang, WSI Waikabubak, TWSI Taliwang, WSI Waingapu, DNP Denpasar, IGBI Denpasar, SRFBI Singaraja, EDFI Ende, JAGI Jajag, MMRI Maumere, GMJI Gumukmas, BKSI Bulukumba, BATI Baumbae, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, CTA Charters Tower, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 27 14:14:55.4.0.9, 2.77S:68.07E, h0km, mb4.0/11, mb1 4.2/11, mb1mx3.9/38, mbmtmp4.0/11, MS3.5/11, Ms1 3.5/11, ms1mx3.2/42, Error ellipse: s-maj=29.8km s-min=18.4km az=30.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H08N2 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, PALK Pallekele, OPO Ambohidratompo, ATD Arta Tunnel.

1478

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, LEM Lembang, MATP Matopo, MKAR Makanchi Array, KBZ Khabab, BRTR Bratr, AKTO Aktyubinsk, BVAR Zalesovo Array, ZALV Zalesovo Beam, SONM Songino Array, AKASG Malin Array Be, WRA Warramunga Arr, GERES GERS Array B, ESDC Sonseca Array, NVAR Mina Array Be, TXAR Lajitas Array.

IDC 27 14:20:27.5.5.5, 3.06S:67.98E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/33, mbmtmp3.7/4, Error ellipse: s-maj=31.3km s-min=38.8km az=60.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H08N2 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, ASAR Alice Springs.

ISCJB 27 14:28:22.7.0.9, 2.7S:0.1:68.1E:0.2, h11km, mb3.9/13, bz=143.7, IDC 27 14:29:22.6.1.0, 2.82S:68.04E, h0km, mb3.9/13, mb1 4.0/13, mb1mx3.8/47, mbmtmp3.9/13, MS3.7/9, Ms1 3.7/9, ms1mx3.3/32, Error ellipse: s-maj=29.9km s-min=18.4km az=51.0, IDC 27 14:28:24.5.1.0, 2.85S:0.2:68.0E:0.2, h11km, n21, <0564/13, mb4.0/13, MS3.6/18, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H08N2 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, PALK Pallekele, WPO Ambohidratompo, OSAR Wadi Sarin, BRDH Baridhadha, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, BOSA Boshoh, MKAR Makanchi Array, BRTR Keskin Array B, AKTO Aktyubinsk, KURBB Kurchatov Arra, ZALV Zalesovo Beam.

ISC 27 14:35:16.5.38.74N:43.52E, h5km, ML2.7/4, ISCJB 27 14:35:17.9.0.5, 38.75N:0.02:43.52E:0.05, h9km, 5km, Error ellipse: s-maj=6.5km s-min=3.8km az=13.2, DDA 27 14:35:17.7.38.78N:43.47E, h7km, ML2.7, ISC 27 14:35:17.9.0.9, 38.76N:0.02:43.50E:0.04, h14km, 7km, n15, <1913/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VANB Van, TVAN Van, VMUR Van-Muradiye, CLDR Caldiran, CLDR Caldian, CLDR Gevas, ADCV ADCV, TUTA Tutak, AGRB Hanur-Agry, HAKT HAKKARI, EKAR Karacaban, EATA Elestir, SIRT Siirt Merkez, SIRT Sirmak.

ISC 27 14:35:16.5.38.74N:43.52E, h5km, ML2.7/4, ISCJB 27 14:35:17.9.0.5, 38.75N:0.02:43.52E:0.05, h9km, 5km, Error ellipse: s-maj=6.5km s-min=3.8km az=13.2, DDA 27 14:35:17.7.38.78N:43.47E, h7km, ML2.7, ISC 27 14:35:17.9.0.9, 38.76N:0.02:43.50E:0.04, h14km, 7km, n15, <1913/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VANB Van, TVAN Van, VMUR Van-Muradiye, CLDR Caldiran, CLDR Caldian, CLDR Gevas, ADCV ADCV, TUTA Tutak, AGRB Hanur-Agry, HAKT HAKKARI, EKAR Karacaban, EATA Elestir, SIRT Siirt Merkez, SIRT Sirmak.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CUKT Cukurca, SOME 27 14:38:00.2, 43.68N, 82.08E, h0km, and others.

East of North Island

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

MEX 27 15:10:42.5, 0.3, 16.09N, 98.66W, h15km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, PNIG Pinotepa, TLIG Tlapa, etc.

DDA 27 15:17:36.5, 38.74N, 43.52E, h7km, M12.9

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

DDA 27 15:17:36.5, 38.74N, 43.51E, h5km, ML2.8/4

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

DDA 27 15:17:36.5, 38.74N, 43.51E, h5km, ML2.8/4

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

DDA 27 15:17:36.5, 38.74N, 43.51E, h5km, ML2.8/4

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

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

DDA 27 15:25:24.8, 38.72N, 43.52E, h7km, M12.6

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

DDA 27 15:25:24.8, 38.72N, 43.52E, h7km, M12.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CLDR Caldiran, GEVA Gevas, ADVC Tutal, etc.

NEIC 27 15:30:27.3, 0.0, 51.50N, 178.11W, h7km, ML3.2(AEIC), After AEIC, Andeanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TASE Tanaga Southea, TAPA Tanaga Point A, GAFP Tanaga Falls P, etc.

ISCJB 27 15:35:59.9, 0.3, 24.82N, 0.03, 110.56W, 0.04, h10km

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

MEX 27 15:36:03.2, 0.4, 24.89N, 110.50W, h17km, M3.9, MD4.0

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

NEIC 27 15:36:03.2, 0.4, 24.89N, 110.52W, h16km, mb4.2/87, MD3.9(MEX), After MEX

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

NEIC 27 15:36:03.2, 0.4, 24.89N, 110.52W, h16km, mb4.2/87, MD3.9(MEX), After MEX

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

NEIC 27 15:36:03.2, 0.4, 24.89N, 110.52W, h16km, mb4.2/87, MD3.9(MEX), After MEX

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNM Barren Site, LAZ Ladron, LNIG Linos, etc.

DDA 27 15:25:24.8, 38.72N, 43.52E, h7km, M12.6

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

DDA 27 15:25:24.8, 38.72N, 43.52E, h7km, M12.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CLDR Caldiran, GEVA Gevas, ADVC Tutal, etc.

NEIC 27 15:30:27.3, 0.0, 51.50N, 178.11W, h7km, ML3.2(AEIC), After AEIC, Andeanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TASE Tanaga Southea, TAPA Tanaga Point A, GAFP Tanaga Falls P, etc.

ISCJB 27 15:35:59.9, 0.3, 24.82N, 0.03, 110.56W, 0.04, h10km

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

MEX 27 15:36:03.2, 0.4, 24.89N, 110.50W, h17km, M3.9, MD4.0

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

NEIC 27 15:36:03.2, 0.4, 24.89N, 110.52W, h16km, mb4.2/87, MD3.9(MEX), After MEX

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

NEIC 27 15:36:03.2, 0.4, 24.89N, 110.52W, h16km, mb4.2/87, MD3.9(MEX), After MEX

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

NEIC 27 15:36:03.2, 0.4, 24.89N, 110.52W, h16km, mb4.2/87, MD3.9(MEX), After MEX

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

27d 16h

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like Virginia City, Matias Romero, Red Feather La, etc.

2012 SEP

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like Dillon, Izeze, Bozeman (W), etc.

1480

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like VRI Vrcinoacia, PLOIESTI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SRE Strehaia, KMPD K-Podol'skiy, KSVV Kosovo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBL Kabul, CHTO Chiang Mai, CHBT CHBT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISC 27 16:11:22.0,0.8,50:34N,0:04+18:85E, etc.

BUL 27 16:01:47.9,3:27S:67.74E,h10km,mb4.3/10,mb5.0/5, Ms4.4/1, Ms7.4/1
ISCJB 27 16:01:52.0,3,2:75S:0:05:68:06E:0:05,h11km, mb4.5/52,MS3.6/18, Error ellipse: s-maj=6.0km s-min=6.5km az=21.8
IDC 27 16:01:52.6,0.7,2:75S:68:06E,h0km,mb4.0/15, mb1.4/2.15,mb1mx0.4/1,mbtmp4.0/15,MS3.6/18, Ms1.3/6/18,ms1mx3.4/35, Error ellipse: s-maj=21.3km s-min=16.9km az=26.0
NEIC 27 16:01:53.9,0.2,2:76S:68:05E,h10km,mb4.7/35, Error ellipse: s-maj=6.6km s-min=5.3km az=200.0
ISC 27 16:01:54.3,0.5,2:76S:0:08:68:10E:0:07,h11km,n100, c096/83,mb4.6/52,MS3.6/18,1C, Carlsberg Ridge

MEX 27 16:16:37.9,0.4,18:24N:103:15W,h55km,4km,MD3.8, Near coast of Michoacan
Code Station Name Az Az' Phase ID Time Res
MMIC Aquila 0.20 285 eP ISC h m s ISC
MIMC 16:15 5.1 s Sn 16:15 5.1 -1.6
R15V 1.22 320 iP Sn 16:15 7.2 -1.2
R15V s-maj=42.6km s-min=31.9km az=84.0
Error ellipse: s-maj=21.8km s-min=16.6km az=6.3
NEIC 27 16:24:21.6,4.7,56:11S:26:7W,h0km,mb4.4/7, Error ellipse: s-maj=16.1km s-min=12.1km az=84.0
ISC 27 16:24:18.7,0.5,15:0:1:26:7W,h0km,n22, c062/16,mb4.3/7, South Sandwich Islands region

MEX 27 16:23:02.2,0.4,24:79N:110:39W,h16km,18km,MD3.8, Baja California
Code Station Name Az Az' Phase ID Time Res
LP1G La Paz 0.69 174 eP ISC h m s ISC
LP1G 16:13 2.7 s Sn 16:13 2.7 -3.2
SLBS Sierra La Lagu 1.17 160 eP Sn 16:23 1.0 -3.1
SLBS 16:23 3.4 s Sn 16:23 3.4 -5.0
IDC 27 16:24:13.4,1.0,56:02S:26:62W,h0km,mb3.9/3, mb1.4/1/3,mb1mx3.8/16,mbtmp3.9/3, Error ellipse: s-maj=42.6km s-min=31.9km az=84.0
ISCJB 27 16:24:17.1,0.7,56:11S:0:1:26:7W,h0km,mb4.4/7, Error ellipse: s-maj=21.8km s-min=16.6km az=6.3
NEIC 27 16:24:21.6,4.7,56:11S:26:7W,h0km,mb4.4/7, Error ellipse: s-maj=16.1km s-min=12.1km az=84.0
ISC 27 16:24:18.7,0.5,15:0:1:26:7W,h0km,n22, c062/16,mb4.3/7, South Sandwich Islands region
Code Station Name Az Az' Phase ID Time Res
GSPA South Pole Qui 34.17 180 eP ISC h m s ISC
11m,1.6s 16:31 00.2 -0.1
SHEL Horse Pasture 43.14 30 eP P 16:32 15.9 +0.2
191m,1.1s 16:32 34.0 -1.2
LVC Limon Verde 45.53 300 eP P 16:32 42.8 +0.6
VYDA Vanda 46.55 183 P P 16:32 42.8 +0.6
H0S2 Vanda 46.55 183 eP T 16:32 42.8 +0.1
VYDA ASCENSION HYDR#7.96 16 T T 17:24 59.1
H10S3 ASCENSION HYDR#7.96 16 T T 17:24 59.4
H10S1 ASCENSION HYDR#7.96 16 T T 17:25 00.5
MNMC Minye Minye 48.82 301 eP P 16:33 02.1 +1.3
H10N1 ASCENSION HYDR#9.08 16 T T 17:26 23.2
H10N2 ASCENSION HYDR#9.08 16 T T 17:26 23.7
H10N3 ASCENSION HYDR#9.08 16 T T 17:26 24.3
LPAZ La Paz 50.59 305 P P 16:33 14.8 +0.2
2.3m,0.7s,ba=196,slow=4.2,SNR=6.6
LPAZ La Paz 50.59 305 eP P 16:33 15.1 +0.4
2.4m,1.0s
TOAO Torodi Arr. Sit 72.96 29 eP P 16:35 44.9 +0.5
TORD Torodi Arr. Be 72.96 29 eP P 16:35 44.9 +0.1

ISCJB 27 16:11:21.0,0.5,50:35N:0:03:18:77E:0:03,h0km, Error ellipse: s-maj=4.2km s-min=2.1km az=16.2
PRU 27 16:11:22.0,0.4,40:38N:18:84E,h0km
WAR 27 16:11:22.6,0.5,37N:18:92E,h1km,Mw2.9
BGR 27 16:11:23.1,0.4,50:35N:18:90E,h1km,ML3.1/11, Error ellipse: s-maj=6.7km s-min=3.3km az=9.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, 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 Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl, 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 Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

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 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 Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

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 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 Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like Fagnano, Campotosto, Ancona, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like Afiamalu, Urewera, Charters Tower, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like WRA, MJAR, NIED, MOS, NEIC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like MA2, YAK, SEY, BOD, etc.

27d 19h

Table with columns: ETOB, EAR1, ETOR, EMOS, IELO, EALK, etc. containing station names, coordinates, and times.

MEX 27 17:45:36.2...0.5, 16.38N-98.28W, h9km, 14km, MD3.7, Near coast of Guerrero

ISCJB 27 17:53:08.4...0.8, 45.25N-106.9W, h0km, mb3.9/12, Error ellipse: s-maj=12.2km s-min=9.9km az=146.4

NEIC 27 17:53:09.2...0.6, 45.24N:106.91W, h0km, ML2.7, Error ellipse: s-maj=12.4km s-min=8.1km az=147.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like RLMT, LAO, RSSD, etc.

ISCJB 27 17:56:18.0...0.6, 3.7S:0.1, 1.67E:0.1, h15km, mb3.9/12, MS3.4/4, Error ellipse: s-maj=17.0km s-min=15.2km az=151.3

IDC 27 17:56:17.4...0.8, 3.74S:67.94E, h0km, mb3.9/11, MS1.4/1.1, mb1mx3.8/39, mbtmp3.9/11, MS3.5/5, MS1.3/5.5, ms1mx3.1/36, Error ellipse: s-maj=22.6km s-min=19.4km az=158.0

NEIC 27 17:56:19.1...0.4, 3.72S:67.91E, h10km, mb4.2/1, Error ellipse: s-maj=12.2km s-min=10.9km az=153.0

ISC 27 17:56:19.8...0.8, 3.7S:0.2, 67.9E:0.1, h15km, n24, a052/15, mb4.0/12, MS3.4/4, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like H08N2, H08N3, H08N1, etc.

IDC 27 18:19:43.9...1.2, 3.19S:129.07E, h0km, mb3.7/3, mb1.4/0.4, mb1mx3.6/26, mbtmp3.6/4, ML4.3/1, Error ellipse: s-maj=46.9km s-min=26.5km az=80.0

DJA 27 18:19:46.6...1.4, 3.1S:7.12E, h10km, 14km, M4.3/1, mb4.8/2, mb4.7/5, MLV4.1/1, Mw(mB)4.1/2

ISCJB 27 18:19:47.0...0.5, 3.16S:0.05E, 129.23E:0.05, h35km, mb3.6/2, Error ellipse: s-maj=7.3km s-min=6.4km az=157.4

ISC 27 18:19:48.2...0.8, 3.26S:0.06E, 129.26E:0.08, h35km, n17, a099/19, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like AAI, BNDI, FAKI, etc.

2012 SEP

Table with columns: MRSI, FITZ, WRA, ASAR, ASAR, SONM, MKPAR, etc. containing station names, coordinates, and times.

JMA 27 18:40:01.0...0.1, 35.85N-140.48E, h36km, 1km, M3.1, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like JIHU, CHOU, CHOU, etc.

CRAAG 27 18:43:25.5...35.34N:1.97E, M12.6, MDD 27 18:43:27.8...2.4, 35.29N:2.04E, h0km, mb3.8/4, Error ellipse: s-maj=32.4km s-min=7.8km az=2.0, PRXIMO

ISCJB 27 18:43:28.6...2.1, 35.5N:0.2, 1.97E:0.07, h10km, Error ellipse: s-maj=30.0km s-min=7.0km az=6.7

ISC 27 18:43:27.2...2.5, 35.35N:0.2, 2.05E:0.05, h10km, n12, a091/15, Northern Algeria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like EMHD, EMHD, OKGL, etc.

IDC 27 19:00:22.3...1.2, 20.90S:68.73E, h0km, mb3.8/5, mb1.3/9.5, mb1mx3.5/39, mbtmp3.8/5, MS3.4/5, Ms1.3/4.5, ms1mx2.9/47, Error ellipse: s-maj=39.4km s-min=30.8km az=8.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like H08S1, H08S2, H08S3, etc.

MEX 27 19:01:43.8...0.6, 18.03N:97.47W, h69km, 3km, MD3.9, Central Mexico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like TPIG, TPIG, HMTT, etc.

IDC 27 19:01:41.9...2.5, 40.74N:145.69E, h0km, mb3.5/4, mb1.3/5.6, mb1mx3.3/34, mbtmp3.4/6, ML3.0/2, Error ellipse: s-maj=69.4km s-min=24.8km az=68.0

JMA 27 19:01:43.6...0.2, 40.69N:145.36E, h46km, M3.5, ISCJB 27 19:01:45.0...0.7, 40.79N:0.03, 145.14E:0.06, h29km, mb3.4/4, Error ellipse: s-maj=6.5km s-min=3.6km az=23.5

ISC 27 19:01:46.5...1.1, 40.75N:0.05, 145.24E:0.07, h29km, n25, a200/43, mb3.4/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like JEM, JEM, JTHR, etc.

1486

Table with columns: JOM, JOM, JTRK, etc. containing station names, coordinates, and times.

DDA 27 19:06:57.8...40.01'N, 25.59'E, h1km, M12.5, ISCJB 27 19:06:58.9...0.5, 39.99N:120.03, 25.59E:0.04, h3km, gkm, Error ellipse: s-maj=5.2km s-min=3.7km az=136.2

ATH 27 19:06:58.7...39.99N:25.60E, h20km, 3km, ML1.8/4, Error ellipse: s-maj=3.0km s-min=1.0km az=270.0

ISC 27 19:06:58.4...1.4, 40.00N:0.03, 25.59E:0.03, h12km, 12km, n12, a057/22, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like LIA, LIA, LIA, etc.

MEX 27 19:19:18.0...0.8, 16.80N:95.13W, h161km, 15km, MD4.0, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like HUIG, HUIG, VHO, etc.

ISCJB 27 19:20:18.8...0.4, 7.71S:0.04E, 128.01E:0.04, h200km, mb3.8/4, Error ellipse: s-maj=6.2km s-min=4.8km az=42.1

IDC 27 19:20:19.4...1.8, 7.67S:128.03E, h176km, 19km, mb3.7/4, mb1.3/8.9, mb1mx3.4/44, mbtmp3.4/3.9, Error ellipse: s-maj=22.6km s-min=18.8km az=122.0

DJA 27 19:20:19.2...0.3, 8.3S:3.12E, h197km, 9km, M4.3/13, mb4.6/1, mb3.9/8, MLV4.4/1, Mw(mB)3.7/11

ISC 27 19:20:19.1...0.7, 7.75S:0.05E, 128.06E:0.05, h200km, n21, a254/29, mb3.9/4, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like SAUI, SAUI, BANI, etc.

MAN 27 19:20:59.8...18.61N:120.90E, h11km, mb4.9, ML3.8, MS3.8, IDC 27 19:21:10.8...2.4, 18.62N:121.17E, h166km, 26km, mb3.3/8, mb1.3/4.1, mb1mx3.2/58, mbtmp3.8/10, MS3.4/1, Ms1.3/4.1, ms1mx2.6/28, Error ellipse: s-maj=21.5km s-min=15.8km az=78.0

ISC 27 19:20:56.5...1.7, 18.78N:0.05, 120.99E:0.06, h15km, 11km, n30, a251/30, mb3.7/6, 2C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. for stations like APYP, APYP, SGCP, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ABRA Dolores, ABRA Callao Caves, CVP Cauayan, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AAI Ambon, BNDI Bandanaira, SNI Sanana, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TNTI Ternate, RKPI Ransiki, BATI Baunata, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WATZ Wairara, KUTZ Kaahu Road, HATZ Hinemaiaia, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WATZ Wairara, KUTZ Kaahu Road, HATZ Hinemaiaia, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, WAZ Wangui, DREZ Durham Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KNZ Kokohu, NMEZ Mamu Road, MKAZ Mounakai, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WATZ Wairara, KUTZ Kaahu Road, HATZ Hinemaiaia, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WATZ Wairara, KUTZ Kaahu Road, HATZ Hinemaiaia, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, WAZ Wangui, DREZ Durham Road, etc.

12C 27 19:39:45.1, 0.9, 4.48S, 128.43E, h0km, mb3.8/B, mb1 4.0/13, mb1mx3.8/39, mbtmp3.9/13, ML3.5/5, MS3.1/1, Ms1 3.1/1, ms1mx2.3/36, Error ellipse: s-maj=27.4km, s-min=19.7km az=77.0

ISCJB 27 19:39:47.0, 3.4, 4.1S, 128.76E, 0.05, h33km, mb3.9/9, Error ellipse: s-maj=7.9km, s-min=6.0km az=38.5

DJA 27 19:39:47.0, 3.4, 4.1S, 128.76E, 0.05, h33km, mb4.1/7, MLv4.1/11, Mb(MB)4.3/2

NEIC 27 19:39:50.0, 0.4, 4.61S, 128.37E, h35km, mb4.3/2, Error ellipse: s-maj=13.1km, s-min=7.3km az=78.0

ISC 27 19:39:49.8, 0.7, 4.43S, 128.07E, 128.77E, 0.07, h35km, n29, r165/23, mb3.9/9, Banda Sea

IDC 27 19:56:32.4, 8.1, 7.32S, 128.83E, h107km, 87km, mb3.1/1, mb1 3.3/5, mb1mx3.0/33, mbtmp3.5/5, ML3.5/4, Error ellipse: s-maj=17.9km, s-min=26.4km az=28.0, Banda Sea

ISCJB 27 20:08:37.2, 0.4, 38.64S, 175.69E, 0.04, h183km, 4km, mb3.6/2, Error ellipse: s-maj=5.7km, s-min=4.2km az=25.7

IDC 27 20:08:37.1, 0.7, 38.88S, 175.84E, h165km, 8km, mb3.2/2, mb1 3.6/3, mb1mx3.3/20, mbtmp4.0/3, Error ellipse: s-maj=28.7km, s-min=13.5km az=134.0

WEL 27 20:08:39.1, 39.5, 1.77E, h168km, 3km

ISC 27 20:08:38.2, 0.8, 6.01S, 104.175E, 0.05, h176km, 5km, n24, r142, 1819/140, North Island

DDA 27 20:36:01.4, 41.04N, 42.05E, h7km, ML2.9, Suspected Mining explosion.

TIF 27 20:36:01.4, 41.02N, 42.01E, h11km, 1km

ISC 27 20:36:01.6, 41.06N, 42.04E, h5km, ML3.0/6

ISCJB 27 20:36:02.1, 0.3, 41.03N, 0.03, 42.05E, 0.02, h0km, Error ellipse: s-maj=4.0km, s-min=2.5km az=3.2

ISC 27 20:36:01.9, 0.4, 41.04N, 0.03, 42.08E, 0.02, h0km, n24, r055/33, Turkey-Georgia-Armenia border region

IDC 27 20:37:12.4, 5.5, 7.11S, 147.47E, h108km, 37km, mb3.3/3, mb1 3.3/5, mb1mx3.1/33, mbtmp3.6/5, Error ellipse: s-maj=56.2km, s-min=47.4km az=73.0

ISC 27 20:37:06.5, 3.0, 6.75E, 0.2, 147.4E, 0.4, h65km, n6, r192/71, mb3.8/3, Eastern New Guinea region

IDC 27 21:00:32.6±2.4, 43.146N; 105.26W, h0km, mb3.8/2, mb1 3.9/4, mb1mx3.5/32, mbtmp3.8/4, ML3.5/2, MS3.2/2, Ms1 3.2/2, ms1mx2.7/33, Error ellipse: s-maj=62.4km s-min=8.8km az=154.0

ISC/JB 27 21:00:33.8±0.4, 43.83N; 0.03±0.05; 29W.0.03, h0km, mb3.9/2.2, MS3.5/1, Error ellipse: s-maj=3.7km s-min=3.6km az=155.5

NEIC 27 21:00:34.4±0.8, 43.79N; 105.19W, h0km, ML3.3, Error ellipse: s-maj=14.1km s-min=6.7km az=147.0, Suspected Mining explosion.

NEIC 61 km (38 miles) SSE of Gillette, ISC 27 21:00:35.1±0.7, 43.82N; 0.03±0.05; 30W.0.03, h0km, n29, r154/49, Wyoming

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Black Hills, Casper, LASA Array, Red Feather La, Boulder Array, Pinedale Array, Ogallala, Grant Village, Idaho Springs, White River Ci, Auburn Hatcher, Kaye Shedlock, Eagleton, LAC DU BONNET, Lac du Bonnet, ULM, ARCES ARCES Array B, Villa Florida, MKAR Makanchi Array.

IDC 27 21:02:45.6±1.2, 55.76S; 26.53W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.8/17, mbtmp3.8/3, Error ellipse: s-maj=50.8km s-min=31.3km az=89.0, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Vanda, ASCENSION HYDR47.62, ASCENSION HYDR47.62, ASCENSION HYDR47.62, LPAZ, TORD, ILAR.

MEX 27 21:06:55.0±0.3, 16.384N; 100.20W, h2km, 4km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like El Cayaco, Mueztla, Puento Sto Nin, Platanillo, Tlapa, Pinotepa.

ISC/JB 27 21:43:07.5±0.5, 2.76N; 0.04±7.89W; 0.04, h131km, 4km, mb3.5/4, Error ellipse: s-maj=8.3km s-min=4.5km az=137.3

RSNC 27 21:43:08.7±0.8, 2.74N; 76.88W, h125km, 4km, ML3.5, Mw3.8

IDC 27 21:43:11.1±4.3, 2.74N; 76.48W, h171km, 39km, mb3.3/4, mb1 3.6/5, mb1mx3.2/31, mbtmp3.8/5, Error ellipse: s-maj=50.5km s-min=33.1km az=50.0

POPC Popayan, Colom 0.28 133 eP Pn 21 43 25.9 -0.1

SOTA SOTA comp=Z,2.2um,0.3s 0.65 155 llP Pn 21 43 28.5 +0.2

SOTA Saladito 0.79 19 eS Pn 21 43 29.2 +0.1

MARP Paez Belalcaza 0.93 83 eP Pn 21 43 30.9 +0.6

CRUC La Cruz 1.16 184 eP Pn 21 43 32.5 +0.1

YOTC Yotoco, Valle 1.35 23 eS Pn 21 43 34.6 +0.3

BETC Betania 1.44 92 eP Pn 21 43 35.0 +0.0

CHIC Chingaza 3.66 59 eP Pn 21 44 04.1 +0.7

TXAR Lajitas Array 36.71 319 P Pn 21 50 04.5 +2.0

ASAR Alice Springs 143.68 232 PKP PKPab 22 02 24.6 -0.6

MEX 27 21:52:22.1±0.6, 17.333N; 100.52W, h51km, 9km, MD3.8, Guerrero

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Borongan, Surigao, Palo, Catarman, Chichijima, WARRAMUNGA ARR, Alice Springs, Makanchi Array, ARCES ARCES Array B, FINES FINES Array B.

IDC 27 22:01:31.5±2.2, 15.08S; 173.74W, h0km, mb3.8/4, mb1 4.2/4, mb1mx3.8/29, mbtmp3.8/4, MS3.8/19, Ms1 3.8/19, ms1mx3.7/38, Error ellipse: s-maj=166.4km s-min=25.6km az=153.0, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAR Rarotonga, DZM Mont Dumac, PPT Papeete, PPT2 Papeete2, TBI Tutuila.

ISC 27 22:01:31.5±2.2, 15.08S; 173.74W, h0km, mb3.8/4, mb1 4.2/4, mb1mx3.8/29, mbtmp3.8/4, MS3.8/19, Ms1 3.8/19, ms1mx3.7/38, Error ellipse: s-maj=166.4km s-min=25.6km az=153.0, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy.

H1N1 WAKE ISLAND Hy 39.48 331 T T 22 51 03.5

H1N2 WAKE ISLAND Hy 39.49 331 T T 22 51 05.2

WRA Warramunga Arr 49.59 257 P 22 10 25.3 +0.3

TXAR Lajitas Array 80.71 56 P Pn 22 13 48.3 +1.1

WEL 27 22:14:09.9±0.8, 34.5±16.18°W; 2.4, h353km, 14km, ISC 27 22:14:13.6±1.1, 33.5S; 0.1±17.9E; 0.1, h350km, n42, r182/53, mb3.6/6, South of Kermadec Islands

MXZ Matakoqa Point 4.22 195 P Pn 22 15 22.8 -1.9

URZ Urewera 5.20 203 P Pn 22 15 33.4 -1.9

RTZ Ruatuhuna 5.57 203 P S 22 15 37.6 -1.9

PKV Pokaka 6.77 210 P S 22 15 52.4 -0.9

PNH Pukenui 7.01 209 P S 22 15 54.0 -1.9

ASAR Alice Springs 41.13 272 P P 22 21 23.4 -1.6

WARRAMUNGA ARR 42.41 277 P P 22 21 32.6 -2.7

PLCA Paso Flores 81.79 134 P P 22 25 58.1 +3.8

SJA 27 22:18:16.6±0.8, 22.67S; 69.00W, h231km, 36km, ML4.2, MW4.2

ISC/JB 27 22:18:20.7±0.3, 22.81S; 0.02±68.61W; 0.04, h101km, 2km, mb4.8/15W, Error ellipse: s-maj=5.8km s-min=3.5km az=157.2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Limon Verde, IPOC Station P, IPOC Station P, IPOC Station P.

PB09	comp=E,22um,0.6s	IAML	Pn	22 19 04.8
PB03	IPOC Station P	1.17 318	Pn	22 18 46.1 +0.2
PB03		i/S	Sn	22 19 03.2 +0.2
PB03	comp=N,19um,0.3s	IAML	Pn	22 19 04.1
PB05	IPOC Station P	1.20 273	Pn	22 18 46.4 +0.3
PB05		i/S	Sn	22 19 03.9 +0.4
PB05	comp=E,7um,0.5s	IAML	Pn	22 19 10.8
PB04	IPOC Station P	1.29 297	Pn	22 18 47.5 +0.3
PB04		i/S	Sn	22 18 47.6 +0.4
PB04		i/S	Sn	22 19 05.5 +0.1
PB04	comp=N,28um,0.3s	IAML	Pn	22 19 11.3
PB07	IPOC Station P	1.49 322	Pn	22 18 50.1 +0.4
PB07		i/S	Sn	22 19 09.9 +0.1
PB07		i/S	Sn	22 19 16.8
PB10	comp=E,14um,0.6s	IAML	Pn	22 18 51.1 0.0
PB10	IPOC Station P	1.63 248	Pn	22 18 51.1 0.0
PB10		i/S	Sn	22 19 12.8 +0.3
PB10		i/S	Sn	22 19 26.0
PB02	comp=N,5um,0.7s	IAML	Pn	22 18 54.0 +0.1
PB02		i/S	Sn	22 19 17.3 0.0
PB02		i/S	Sn	22 19 20.3
PB01	comp=E,18um,0.3s	IAML	Pn	22 18 55.3 +0.1
PB14	IPOC Station P	1.94 344	Pn	22 18 57.9 +0.6
PB14		i/S	Sn	22 19 33.9 +1.6
PB14		i/S	Sn	22 19 32.1
PB11	comp=N,8um,0.5s	IAML	Pn	22 19 11.3 +0.8
YJA	IPOC Station P	3.22 347	Pn	22 19 13.0 +0.7
YJA		i/S	Sn	22 19 13.7
YJA	comp=Z,154nm,0.5s	IAML	Pn	22 19 53.4 +3.2
HJA	Humahuaca	3.23 96	Pn	22 19 12.9 +0.5
HJA		eP	Sn	22 19 14.1
HJA	comp=Z,492nm,0.6s	IAML	Pn	22 19 55.3 +4.8
SLA	San Lorenzo	3.60 121	eP	22 19 18.6 +1.5
SLA		eP	Sn	22 19 19.9
SLA	comp=Z,408nm,0.6s	IAML	Pn	22 20 03.8 +5.0
AZAP	Zapla	3.76 111	eP	22 19 18.8 +0.5
MNMC	Minye Minye	3.82 350	eP	22 19 18.5 -1.7
FSA	Cafayete	4.15 141	eP	22 19 24.6 +0.1
ALOL	LOMAS DE OLMEDO	4.61 102	eP	22 19 29.2 -1.5
GO03	Copiap	4.81 194	eP	22 19 30.9 -2.6
AHML	Horco Molle	5.03 141	eP	22 19 36.1 -0.3
VCA	Vinchina	5.83 174	eP	22 19 46.5 -0.7
CYA	Choya	6.17 154	eP	22 19 50.2 -1.6
LCO	Las Campanas	6.28 195	eP	22 19 49.6 -3.8
AGUA	GUANDACOL	6.55 177	eP	22 19 55.4 -1.6
LPZA	La Paz	6.64 6	eP	22 19 59.1 +0.4
LPZA	comp=Z,1.3nm,0.3s,baz=222,slow=1.8,SNR=28	LR	LR	22 22 21.6
LPZA	comp=Z,7.0nm,18.5s,baz=192,slow=36	LR	LR	22 19 58.7 0.0
ACLV	CERRO LA CRUZ	6.64 6	eP	22 19 57.3 -2.0
ACLD	Cuesta del Vie	7.22 181	eP	22 20 03.3 -3.0
GO04	Tololo Observa	7.42 193	eP	22 20 05.2 -3.8
ACCO	Cerro Coronel	7.64 181	eP	22 20 09.7 -2.3
APLL	PUNTA DE LOS L	7.74 165	eP	22 20 10.0 -3.1
SIV	San Ignacio	10.10 48	eP	22 20 39.7 -5.6
SIV	comp=Z,4.2nm,0.3s,baz=261,slow=1.0,SNR=73	S	Sn	22 22 24.3 -1.3
ROCI	comp=Z,6.5nm,0.3s,baz=324,slow=23,SNR=8.3	Pn	Pn	22 20 46.9 +0.3
PECI	El Roble	10.31 188	eP	22 20 48.2 +0.3
CPUP	Villa Florida	11.07 110	P	22 20 54.2 -4.1
CPUP	comp=Z,0.4nm,0.3s,baz=298,slow=13,SNR=9.3	LR	LR	22 25 59.5
GO05	comp=Z,153nm,18.3s,baz=374,slow=42	LR	LR	22 21 15.2 +0.1
NNA	Hualaob	12.33 192	eP	22 21 27.9 +0.7
NNA	comp=Z,2.2nm,0.3s,baz=160,slow=12,SNR=2.9	Pn	Pn	22 21 28.6 +1.4
SAM1	Nana	13.24 324	eP	22 21 46.8 -2.2
TRQA	Samuel	14.94 22	eP	22 22 07.7 -1.1
TRQA	Tornquist	16.22 160	eP	22 22 11.0 -0.6
GO06	Curarrehue	16.76 187	eP	22 22 11.0 -0.6
PLCA	Paso Flores	17.82 184	P	22 22 24.6 +0.8
PLCA	comp=Z,0.2nm,0.3s,baz=34,slow=13,SNR=7.0	PcP	PcP	22 26 56.6 +0.9
PLCA	comp=Z,0.2nm,0.3s,baz=21,slow=3.1,SNR=4.4	LR	LR	22 30 35.8
PLCA	comp=Z,5.7nm,21.9s,baz=32,slow=41	LR	LR	22 22 24.0 +0.3
PLCA	Paso Flores	17.82 184	eP	22 22 56.6 +0.9
PLCA	comp=Z,6.5nm,1.8s	PcP	PcP	22 22 41.5 -3.4
SPB	Sao Paulo	19.75 96	eP	22 22 54.8 -3.7
BDFB	Brasilia	20.99 74	P	22 22 55.5 -3.0
BDFB	comp=Z,3.6nm,0.5s,baz=257,slow=12,SNR=44	P	P	22 23 23.3 -2.4
PTGA	Pitinga	23.71 23	P	22 27 31.4 -1.9
PTGA	comp=Z,1.59nm,1.2s	S	S	22 27 31.4 -1.9
PTGA	comp=Z,10.0nm,0.4s,baz=202,slow=13,SNR=30	S	S	22 27 31.4 -1.9
PTGA	comp=Z,3.5nm,0.7s,baz=87,slow=18,SNR=4.4	LR	LR	22 33 59.3
PTGA	comp=Z,8.7nm,20.2s,baz=217,slow=40	LR	LR	22 23 23.3 -2.2
PTGA	Pitinga	23.71 23	eP	22 23 23.3 +0.1
PTGA	comp=Z,1.1nm,0.5s	eS	S	22 23 32.9 +0.7
CHRN	Cochrane	24.46 186	eP	22 23 39.4 -0.1
FLOC	Flores	25.23 344	eP	22 23 39.4 -0.1
SOTA	Rioblanco	26.01 342	eP	22 23 48.0 +0.8
WOTO	Votoc Valle	27.71 344	eP	22 24 94.7 +2.7
ROSC	El Rosal	28.09 348	P	22 24 06.8 +1.2
ROSC	comp=Z,6.3nm,0.4s,baz=198,slow=20,SNR=3.1	P	P	22 24 05.7 +0.1
ROSC	El Rosal	28.09 348	eP	22 24 12.0 -1.2
RUSC	comp=Z,6.3nm,0.4s	P	P	22 24 26.0 +0.8
RUSC	La Rusia	28.92 351	eP	22 24 26.0 +0.8
PAYG	Puerto Ayora	30.34 314	eP	22 24 26.6 -2.4
ZARC	Zaragoza, Cauc	30.78 348	eP	22 25 12.8 -2.2
RCBR	Riachuelo	36.67 67	eP	22 25 12.8 -2.2
CRPR	Cabo Rojo, PR	40.71 3	eP	22 25 51.6 -2.1
ANTP	Monte Pirata	40.90 5	eP	22 25 55.3 0.0
MWB	Willy Bob	40.94 10	eP	22 25 53.0 -0.3
STVI	Saint Thomas	41.20 6	eP	22 25 57.0 -0.8
ABVI	Anegada Island	41.63 7	eP	22 26 00.8 -0.5
PMSA	Palmer Station	41.97 177	P	22 26 04.0 +0.6
APG	El Apazote	43.20 329	P	22 26 15.8 +1.5
APG	comp=Z,7.8nm,0.3s,baz=185,slow=7.9,SNR=5.1	P	P	22 26 40.1 +1.7
CCIG	Comitan	45.10 328	eP	22 26 30.1 +0.6
TEIG	Tepeich	46.86 335	eP	22 26 43.0 0.0
TLIG	Tiapa	49.59 322	eP	22 27 05.7 +1.5
061Z	Ochopti	49.87 346	eP	22 27 05.2 -0.7
060A	Indiantown	50.88 347	P	22 27 13.4 -0.1
059A	Moore Haven	50.98 346	P	22 27 14.5 +0.1
058A	Arcadia	51.22 345	P	22 27 18.2 +0.3
959A	Okeechobee	51.46 346	P	22 27 22.1 +0.3
859A	Kempfer Cattle	51.98 347	P	22 27 29.1 +0.4
758A	Lake Helen	52.92 346	P	22 27 30.5 +0.5
757A	Oxford	53.10 346	P	22 27 34.0 +0.3
656A	Willston	53.62 345	P	22 27 33.9 -0.2
657A	interlachen	53.67 346	P	22 27 33.9 -0.2

655A	Horseshoe Beac	53.92 344	P	22 27 35.8 -0.2
555A	McAlpin	54.44 345	eP	22 27 39.4 -0.3
555A	comp=Z,27nm,0.8s	54.44 345	P	22 27 39.4 -0.3
554A	Perry	54.58 344	P	22 27 40.5 -0.2
553A	Crawfordville	54.87 344	P	22 27 43.1 +0.3
455A	Stations P	55.05 345	P	22 27 43.8 -0.3
552A	Lynn Haven	55.05 343	P	22 27 43.5 -0.6
356A	Blackshear	55.40 346	P	22 27 46.4 -0.3
453A	Whigham	55.47 344	P	22 27 47.2 0.0
451A	Camilla	55.63 342	P	22 27 48.0 -0.3
452A	Marianna	55.70 343	P	22 27 48.4 -0.4
353A	baz=162	55.92 344	P	22 27 49.8 -0.5
ZAIG	Zacatecas	55.99 322	eP	22 27 52.8 +1.3
LNIG	Linares	56.02 326	eP	22 27 51.4 +0.1
LNIG		eP	P	22 27 51.9 +0.6
351A	Pinckard	56.21 343	eP	22 27 51.9 -0.5
352A	Blakely	56.23 344	eP	22 27 52.0 -0.6
352A	comp=Z,28nm,0.9s	56.23 344	P	22 27 51.9 -0.6
BRAL	Brewton	56.52 341	P	22 27 54.4 -0.3
447A	Luxville	56.67 340	P	22 27 55.8 +0.1
349A	Repton	56.73 341	P	22 27 55.9 -0.3
251A	Midway	56.93 343	P	22 27 56.7 -0.8
250A	Grady	57.06 342	eP	22 27 58.9 +0.4
347A	Saraland	57.20 340	P	22 27 59.2 -0.2
249A	Camden	57.30 342	P	22 27 59.7 -0.5
152A	Waverly Hall	57.30 344	P	22 27 59.3 -0.8
151A	Opelika	57.32 344	P	22 27 59.6 -0.7
Z54A	Sparta	57.40 346	P	22 27 60.0 -0.8
150A	Geletie	57.58 343	P	22 28 01.2 -0.9
248A	Dixon Mills	57.59 341	P	22 28 01.7 -0.5
Z53A	Monticello	57.61 345	P	22 28 01.3 -0.9
GOGA	Godfrey	57.71 346	eP	22 28 02.5 -0.5
GOGA	Godfrey	57.71 346	P	22 28 02.2 -0.7
Z52A	Williamson	57.72 345	P	22 28 02.3 -0.8
149A	Jones	57.79 342	P	22 28 02.5 -1.0
247A	Quitman	57.82 340	P	22 28 03.3 -0.5
344A	Westbrook Farm	57.97 338	eP	22 28 05.0 +0.2
344A	Westbrook Farm	57.97 338	P	22 28 04.8 0.0
Y54A	Tignall	57.97 346	P	22 28 04.5 -0.3
JSC	Jenkinsville	58.09 348	eP	22 28 05.8 +0.2
Y53A	Monroe	58.16 346	P	22 28 05.2 -0.9
Z50A	Ashland	58.17 343	eP	22 28 05.5 -0.7
Z50A	comp=Z,1.9nm,0.8s	58.17 343	P	22 28 05.4 -0.8
245A	Little AP, Sta	58.21 339	P	22 28 06.0 -0.6
LRAL	Lakeview Retre	58.26 342	eP	22 28 06.0 -0.9
LRAL	Lakeview Retre	58.26 342	P	22 28 05.9 -0.9
Z49A	Columbiana	58.28 343	P	22 28 06.0 -1.0
Y52A	Lilburn	58.28 345	P	22 28 06.1 -0.9
147A	Livingston	58.29 341	P	22 28 06.4 -0.7
342A	Flagon Creek P	58.46 336	eP	22 28 09.1 +0.9
342A	Flagon Creek P	58.46 336	P	22 28 08.9 +0.7
Y51A	Rockmart	58.54 344	P	22 28 08.0 -1.0
X53A	Estanollee	58.72 346	P	22 28 09.3 -0.7
Z47A	Carrollton	58.72 341	P	22 28 09.1 -0.9
Y50A	Piedmont	58.72 344	P	22 28 09.9 -1.2
Z48A	Northport	58.74 342	P	22 28 09.1 -1.1
341A	Kurthwood	58.74 336	eP	22 28 10.3 +0.1
145A	Houston Retre	58.75 339	P	22 28 09.8 -0.4
833A	Chapparral WMA	58.82 328	eP	22 28 11.2 +0.3
833A	Chapparral WMA	58.82 328	P	22 28 10.9 +0.1
Y49A	Blount Mountai	58.82 343	eP	22 28 10.0 -1.1
Y49A	Blount Mountai	58.82 343	P	22 28 10.0 -1.1
KMSC	Kings Mountain	58.93 348	eP	22 28 11.4 0.0
KMSC	Kings Mountain	58.93 348	P	22 28 11.2 -0.3
X52A	Dalnegan	58.95 346	P	22 28 10.8 -0.8
Z46A	Louisville	59.08 340	P	22 28 10.9 -0.9
Y48A	Jasper	59.13 342	P	22 28 11.4 -1.4
X51A	Calhoun	59.14 345	eP	22 28 12.7 -0.3
X51A	Calhoun	59.14 345	P	22 28 12.2 -0.8
X50A	Fort Payne	59.24 344	P	22 28 12.7 -1.0
Y47A	UCPARC, Winfie	59.31 342	P	22 28 13.3 -0.9
W53A	Culowhee	59.33 346	P	22 28 14.1 -0.3
X49A	Woodville	59.47 343	P	22 28 14.1 -1.0
Y46A	Hartselle	59.59 341	P	22 28 14.9 -1.1
X48A	Hartselle	59.60 343	eP	22 28 15.3 -0.8
X48A	Hartselle	59.60 343	P	22 28 15.3 -0.8
W51A	Cleveland	59.69 345	P	22 28 16.1 -0.6
V53A	Saluda	59.74 347	eP	22 28 16.9 -0.1
V53A	Saluda	59.74 347	P	22 28 16.5 -0.6
Y45A	Yeager Farm, C	59.79 340	P	22 28 17.0 -0.4
W50A	Signal Mountai	59.86 344	eP	22 28 17.4 -0.5
W50A	Signal Mountai	59.86 344	P	22 28 17.2 -0.7
X47A	Cooper Cave	59.89 342	P	22 28 16.9 -1.2
X47A	Cooper Cave	59.91 345	eP	22 28 17.6 -0.6
TKL	Georgetown	59.94 346	eP	22 28 17.9 -0.5

W49A	Belvidere	60.02 344	P	22 28 18.1 -0.9
SWET	Sewanee	60.03 344	eP	22 28 18.4 -0.6
V52A	McIntire	60.07 346	eP	22 28 18.6 -0.7
V52A	Sevierville	60.07 346	P	22 28 18.5 -0.7
X46A	Booneville	60.14 341	P	

27d 22h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like S45A Carrier Mills, Q51A Peebles, R47A Woolly Knot Far, etc.

2012 SEP

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like K48A Perry, N40A Murtquake, K47A Vermontville, etc.

1490

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like E43A Lone Tree Farm, E43A Lone Tree Farm, ECSD EROS Data Cent, etc.

W53A	Cullowhee	64.40 348	P	pP	23 18 18.7 +1.8
X49A	Woodville	64.40 345	P	pP	23 18 17.6 +0.9
X48A	Hartselle	64.51 345	P	pP	23 18 19.3 +1.9
Y45A	Yeager Farm, C	64.58 342	P	pP	23 18 20.5 +2.6
W51A	Cleveland	64.69 347	P	pP	23 18 20.6 +2.0
X47A	Russelville	64.77 344	P	pP	23 18 20.5 +1.4
V53A	Saluda	64.82 349	P	pP	23 18 20.2 +0.6
W50A	Signal Mountai	64.84 346	P	pP	23 18 21.6 +1.9
W49A	Belvidere	64.97 345	P	pP	23 18 22.3 +1.9
JCT	Junction City	65.01 332	P	pP	23 18 24.3 +3.4
V52A	Sevierville	65.13 348	P	pP	23 18 23.0 +1.5
V50A	Pikeville	65.25 347	P	pP	23 18 24.1 +1.8
WHXT	Lake Whitney,	65.42 335	P	pP	23 18 26.4 +3.0
U53A	Fall Branch	65.46 349	P	pP	23 18 25.0 +1.4
V49A	McMinnville	65.51 346	P	pP	23 18 25.6 +1.6
V48A	Smith Brothers	65.69 345	P	pP	23 18 27.0 +1.9
U51A	La Follette	65.73 348	P	pP	23 18 27.1 +1.7
TXAR	Lafayette Array	65.73 328	P	pP	23 18 03.9 +3.3
TXAR	Jamestown	65.92 347	P	pP	23 18 26.4 +0.7
U50A	Nunnelly	65.93 345	P	pP	23 18 27.5 +0.8
V46A	Holladay	66.05 344	P	pP	23 18 28.3 +0.9
X40A	Basin Creek Fa	66.11 340	P	pP	23 18 30.1 +2.2
U49A	Red Boiling Sp	66.21 346	P	pP	23 18 30.0 +1.6
TS1A	Gray	66.28 348	P	pP	23 18 30.7 +1.8
WVT	Waverly	66.30 344	P	pP	23 18 30.7 +1.7
U48A	Cassie Pea, Po	66.37 346	P	pP	23 18 31.2 +1.7
MIAR	Mount Ida	66.39 339	P	pP	23 18 05.0 +0.4
MIAR	Mount Ida	66.39 339	P	pP	23 18 32.5 +2.8
R58B	Mineral	66.40 353	P	pP	23 18 31.4 +1.7
U47A	Clarksville	66.47 345	P	pP	23 18 31.8 +1.7
T50A	Nancy	66.51 347	P	pP	23 18 31.8 +1.5
X39A	Fountain Ranch	66.53 339	P	pP	23 18 33.6 +3.0
W41B	Gary Mavity, V	66.57 340	P	pP	23 18 33.1 +2.3
T49A	Edmonton	66.73 347	P	pP	23 18 33.3 +1.5
ABTX	Ablene, Hawle	66.83 333	P	pP	23 18 35.7 +3.1
W40A	Ferguson Farm,	66.83 340	P	pP	23 18 35.5 +3.0
T48A	Bowling Green	66.91 346	P	pP	23 18 34.6 +1.7
T47A	Sharon Grove	66.95 345	P	pP	23 18 35.0 +1.8
W39A	Magazine	67.06 339	P	pP	23 18 37.0 +3.1
S50A	Richmond	67.06 348	P	pP	23 18 35.6 +1.7
V41A	Mountainview	67.11 341	P	pP	23 18 36.6 +2.3
T46A	Princeton	67.18 345	P	pP	23 18 36.5 +1.8
S48A	Wiedeman Farm,	67.37 346	P	pP	23 18 37.1 +1.3
U42A	Reyenden	67.38 342	P	pP	23 18 38.2 +2.2
U41A	Viola	67.56 341	P	pP	23 18 39.5 +2.3
V39A	Pettigrew	67.61 340	P	pP	23 18 40.2 +2.7
S46A	Don Dixon Farm	67.75 345	P	pP	23 18 39.7 +1.4
R49A	Shelbyville	67.80 347	P	pP	23 18 40.1 +1.4
T43A	Greenville	67.81 343	P	pP	23 18 40.9 +2.2
U40A	Yellville	67.85 340	P	pP	23 18 41.3 +2.3
Q52A	Bidwell	67.95 350	P	pP	23 18 41.3 +1.7
T42A	Van Buren	67.98 342	P	pP	23 18 41.8 +2.0
U39A	Green Forest	68.06 340	P	pP	23 18 42.8 +2.5
Q50A	Georgetown	68.12 348	P	pP	23 18 41.9 +1.4
S44A	Carbondale	68.13 344	P	pP	23 18 42.5 +1.8
T41A	Mountain View	68.17 342	P	pP	23 18 43.3 +2.3
Q51A	Peebles	68.18 349	P	pP	23 18 42.6 +1.5
S43A	Fulton Ridge,	68.22 343	P	pP	23 18 43.3 +2.0
P53A	Whipple	68.33 351	P	pP	23 18 43.9 +2.0
TUL1	Leonard	68.36 338	P	pP	23 18 44.8 +2.5
WMOK	Wichita Mounta	68.36 335	P	pP	23 18 18.1 +1.1
WMOK	Wichita Mounta	68.36 335	P	pP	23 18 44.5 +2.2
T40A	Mansfield	68.49 341	P	pP	23 18 45.2 +2.1
MNXT	Cornudas Mount	68.51 328	P	pP	23 18 47.0 +3.7
Q48A	North Vernon	68.53 347	P	pP	23 18 44.7 +1.5
S42A	Caledonia	68.59 343	P	pP	23 18 45.6 +1.9
T39A	Clever	68.62 340	P	pP	23 18 46.3 +2.5
S41A	Jilco Farms,	68.68 342	P	pP	23 18 46.6 +2.4
O56A	Blue Knob Stat	68.75 353	P	pP	23 18 45.8 +1.1
T38A	Diamond	68.91 339	P	pP	23 18 48.1 +2.5
Q45A	Warren Harvey,	69.01 345	P	pP	23 18 47.7 +1.5
R42A	Luebbering	69.07 343	P	pP	23 18 48.9 +2.3
O51A	Pataakala	69.16 350	P	pP	23 18 47.8 +0.7
S39A	Bolivar	69.22 341	P	pP	23 18 50.3 +2.7
R41A	Rosebud	69.25 342	P	pP	23 18 50.1 +2.4
MSXT	Muleshoe	69.28 331	P	pP	23 18 51.1 +2.9
ACSO	Alum Creek Sta	69.30 350	P	pP	23 18 49.6 +1.6
S38A	Stockton	69.34 340	P	pP	23 18 50.8 +2.5
O49A	Covington	69.39 348	P	pP	23 18 50.6 +1.4
P46A	Rosedale	69.49 346	P	pP	23 18 50.3 +1.1
P45A	Graceland, Par	69.52 346	P	pP	23 18 50.5 +1.1
Q42A	Golden Eagle	69.60 343	P	pP	23 18 51.8 +1.9
AMTX	Amarillo	69.62 333	P	pP	23 18 25.3 +0.4

AMTX	Amarillo	69.62 333	P	pP	23 18 53.3 +3.0
Q48A	Ferland	69.70 348	P	pP	23 18 51.8 +1.4
Q41A	Trudgen	69.82 343	P	pP	23 18 53.5 +2.3
R38A	Fenwick Farm,	69.86 340	P	pP	23 18 53.9 +2.4
VNDA	Vanda	69.90 191	P	P	23 18 28.3 +2.3
P43A	Skaggs, Pawnee	70.04 344	P	pP	23 18 54.2 +1.6
M54A	Oil Creek Stat	70.10 352	P	pP	23 18 54.2 +1.2
N49A	Columbus Grove	70.17 349	P	pP	23 18 54.3 +0.9
P42A	Winchester	70.19 344	P	pP	23 18 55.2 +1.7
SFIN	Lafayette	70.20 346	P	pP	23 18 54.7 +1.1
Q39A	Willow Grove F	70.38 341	P	pP	23 18 57.2 +2.4
N47A	Urbana	70.41 348	P	pP	23 18 56.2 +1.4
BINY	Binghamton	70.44 355	P	pP	23 18 55.9 +0.8
Q38A	Cooks Store, C	70.49 341	P	pP	23 18 57.9 +2.6
SYO	Syowa Base	70.50 159fIX	P	P	23 18 30.0 +0.2
SYO	Syowa Base	70.50 159fIX	P	P	23 18 57.0 +1.9
N46A	Monticello	70.62 347	P	pP	23 18 57.5 +1.3
M49A	Liberty Center	70.68 349	P	pP	23 18 57.9 +1.4
P39B	Salisbury	70.73 342	P	pP	23 18 59.1 +2.3
M46A	Old House Fiel	71.04 347	P	pP	23 19 00.0 +1.3
N43A	Stutzman Famil	71.19 345	P	pP	23 19 01.6 +2.0
L47A	Sherwood	71.38 348	P	pP	23 19 02.2 +1.5
M43A	Waltham Townsh	71.62 345	P	pP	23 19 03.7 +1.6
ANMO	Albuquerque	71.72 329	P	P	23 18 37.1 -0.7
ANMO	Albuquerque	71.72 329	P	P	23 19 07.5 +4.3
N40A	Mertquake, Sal	71.73 343	P	pP	23 19 04.9 +2.0
DBIC	Dimbokro	71.88 72	P	P	23 18 39.5 +0.5
M41A	Milan	71.93 344	P	pP	23 19 05.8 +1.7
N39A	Derby Farms, D	71.96 342	P	pP	23 19 06.4 +2.1
K47A	Vermontville	72.02 349	P	pP	23 19 06.0 +1.4
L41A	Presto	72.58 344	P	pP	23 19 10.0 +2.0
T25A	Trinidad	72.68 332	P	pP	23 19 12.9 +3.9
L40A	Anamosa	72.75 344	P	pP	23 19 11.1 +2.1
LONY	Lake Ozonia	72.77 357	P	pP	23 19 11.3 +2.2
L39A	Vinton	73.00 343	P	pP	23 19 12.5 +2.0
K41A	Shullsburg	73.04 345	P	pP	23 19 12.9 +2.1
JFWS	Jewell Farm	73.32 345	P	pP	23 19 14.3 +2.0
K40A	Colesburg	73.33 344	P	pP	23 19 14.3 +1.9
J43A	Natural Harves	73.36 346	P	pP	23 19 14.7 +2.1
J42A	Columbus	73.45 346	P	pP	23 19 15.3 +2.2
K39A	Oelwein	73.52 343	P	pP	23 19 15.5 +1.9
SDCO	Great Sand Dun	73.65 331	P	pP	23 19 18.6 +3.8
J40A	Soldiers Grove	73.89 345	P	pP	23 19 17.6 +1.9
J39A	Decorah	74.06 344	P	pP	23 19 18.8 +2.0
S22A	4UR Ranch, Cre	74.22 331	P	pP	23 19 22.1 +3.9
H43A	Windswept, Lux	74.27 347	P	pP	23 19 19.6 +1.7
I39A	Houston	74.51 344	P	pP	23 19 21.5 +2.1
Q24A	Divide	74.54 332	P	pP	23 19 24.0 +4.0
H40A	Chillicothe	74.97 345	P	pP	23 19 23.9 +1.9
G42A	Mountain	75.14 347	P	pP	23 19 25.1 +2.1
ISCO	Idaho Springs	75.44 333	P	pP	23 19 29.3 +4.0
F44A	Big Bay de Noc	75.47 348	P	pP	23 19 26.6 +1.8
109C	Camp Elliot, M	75.49 321	P	pP	23 19 31.0 +5.7
G40A	Rib Lake	75.54 346	P	pP	23 19 27.4 +2.1
F41A	Three Lakes	75.76 346	P	pP	23 19 28.7 +2.1
ECSD	ERC Data Cent	75.76 341	P	pP	23 19 29.3 +2.7
G39A	Holcombe	75.78 345	P	pP	23 19 28.9 +2.2
G38A	Ridgeland	75.83 344	P	pP	23 19 28.7 +1.8
SPMN	Marine on St.	76.11 344	P	pP	23 19 30.7 +2.1
F40A	Park Falls	76.14 346	P	pP	23 19 30.9 +2.1
SUR	Sutherland	76.15 119	P	P	23 19 03.8 -0.2
E42A	Champion	76.18 347	P	pP	23 19 30.1 +1.1
F39A	Loretta	76.32 345	P	pP	23 19 31.9 +2.1
F38A	Pierce - Schro	76.58 345	P	pP	23 19 33.5 +2.3
E40A	Wakfield	76.60 346	P	pP	23 19 33.9 +2.5
E39A	Mellen	76.67 346	P	pP	23 19 34.1 +2.4
TUQ	Turquoise Moun	76.76 323	P	pP	23 19 36.6 +3.9
O20A	White River Ci	76.82 331	P	pP	23 19 37.0 +4.0
E38A	The Farm, Brul	77.11 345	P	pP	23 19 36.0 +1.8
FURC	Furnace Creek,	77.40 323	P	pP	23 19 43.4 +3.7
TPNV	Topopah Spring	78.08 324	P	pP	23 19 44.6 +4.4
MAW	Mawson	78.09 163	P	P	23 19 14.9 +1.1
ISA	Isabella, Lake	78.31 322	P	pP	23 19 45.4 +4.1
EYMN	Gly	78.36 346	P	pP	23 19 43.0 +1.7
PKM	Mcperson Peak	78.48 320	P	pP	23 19 46.6 +4.1
RSSD	Black Hills	78.54 336	P	P	23 19 17.2 +0.4
RSSD	Black Hills	78.54 336	P	P	23 19 46.0 +3.4
CWC	Cottonwood Cre	78.67 322	P	pP	23 19 47.8 +4.3
R11A	Troy Canyon, C	78.81 325	P	pP	23 19 48.4 +4.2
DUG	Dugway, Tooele	78.91 328	P	pP	23 19 48.7 +4.0
BW06	Boulder Array	79.55 332	P	pP	23 19 51.9 +3.7
PDAR	Pinedale Array	79.55 332	pP	pP	23 19 49.9 +1.6
AGMN	Agassiz Nation	79.74 343	P	pP	23 19 51.1 +2.3
NVAR	Mina Array Bea	80.77 324	pP	pP	23 19 53.6 +1.4
TORD	Tord Ar Bea	80.78 70	P	P	23 19 28.3 -0.9

TORD	comp=2.2,3nm,1.0s,baz=278,slow=10.0,SNR=2.4	pP	pP	23 19 53.1 -2.1
BOSA	Boshof 81.25 118	P	P	23 19 32.1 +0.3
RLMT	Red Edge 81.37 333	P	pP	23 20 01.3 +3.4
LAO	LASA Array 81.53 336	P	pP	23 20 01.7 +3.1
ULM	Lac du Bonnet 81.56 344	pP	pP	23 19 57.4 -1.1
ULM	comp=2.7,2nm,0.8s,baz=156,slow=6.4,SNR=8.1	sP	sP	23 20 09.5 +0.3
HLID	Hailey 82.30 329	P	pP	23 20 06.0 +3.1
DGMT	Dagmar 82.36 338	P	pP	23 20 05.0 +2.1
A04D	Lumli Island 89.97 328	P	pP	23 20 43.7 +3.2
BRTR	Keskin Array B 117.59 58	PKP	PKPdf	23 26 01.2 +0.4
ASAR	Alice Springs 123.29 207	PKP	PKPdf	23 26 12.9 +0.7
ASAR	comp=2.1,2nm,0.7s,baz=139,slow=1.7,SNR=8.6	PKP	PKPdf	23 26 36.8 -2.9
KBZ	Khabaz 125.17 55	PKP	PKPdf	23 26 16.3 +1.3
WRA	Warramunga Arr 126.43 209	PKP	PKPdf	23 26 19.2 +0.9
ZALV	Zalesovo Beam 148.59 29	PKP	PKPdf	23 26 58.9 +1.4
ZALV	comp=2.56nm,1.1s,baz=272,slow=2.2,SNR=12	PKP	PKIKP	23 27 02.8 +0.1
ZALV	comp=2.18nm,0.8s,baz=300,slow=3.5,SNR=4.2	PKP	PKPbc	23 27 26.7 +1.7
MKAR	Makanchi Array 151.69 42	PKPbc	PKPbc	23 27 10.2 +1.2
MKAR	comp=2.4,7nm,0.4s,baz=323,slow=1.1,SNR=5.5	PKPbc	PKPbc	23 27 35.1 -1.3
SONM	Songino Array 160.40 7			

Table with columns: Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like WAKE ISLAND Hy 29.73, WAKE ISLAND Hy 29.74, WAKE ISLAND Hy 29.75, etc.

ISC/JB 27 23:39:27.0±0.6, 14.21N±0.06±92.04W±0.04, h64km±9km, mb3.9/3, Error ellipse: s-maj=11.8km s-min=3.2km, az=32.3

UCR 27 23:39:28.1±1.6, 13.93N±0.02±06W, h33km±999km, M4.0, MEX 27 23:39:28.0±0.8, 14.19N±0.01±96W, h27km±12km, MD4.1

NEIC 27 23:39:29.1±0.0, 14.21N±0.01±97W, h26km±MD4.3(MEX), After MEX.

ICC 27 23:39:29.5±2.1, 14.38N±0.18±97W, h70km±18km, mb3.6/3, mb1.3/9.6, mb1mx3.5/35, mbtmp3.9/6, Error ellipse: s-maj=26.0km s-min=9.3km az=20.0

ISC 27 23:39:28.4±1.1, 14.29N±0.08±92.01W±0.06, h59km±12km, n37, ±0.96/52, mb4.0/3, Near coast of Chiapas

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

MEX 27 23:43:42.6±0.6, 24.85N±110.26W, h10km±14km, MD3.7, Baja California

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

ISC 27 23:53:46.4±0.4, 8.76S±157.50E, h0km, mb4.9/25, mb1.5/0.30, mb1mx4.9/36, mbtmp4.8/30, M4.0/3, MS5.2/28, Ms1.5/2.28, ms1mx5.2/32, Error ellipse: s-maj=13.8km s-min=12.0km az=77.0

ISC/JB 27 23:53:47.6±0.1, 8.85S±0.02±157.45E±0.02, h10km, mb5.4/228, MS5.4/189, Error ellipse: s-maj=3.5km s-min=3.0km az=177.3

BUI 27 23:53:48.3±0.8, 8.80S±157.50E, h10km, mb5.3/72, mb5.9/57, Ms5.7/83, Ms7.5/478

NEIC 27 23:53:49.0±1.1, 8.94S±157.46E, h10km, mb5.6/158, MS5.4/123, MW5.8/MW6.0, MW6.8, Error ellipse: s-maj=4.6km s-min=4.2km az=133.0 Best double couple: NP1±145.00000°, ±86.00000°, ±91.00000°. NP2: ±315.00000°, ±4.00000°, ±80.00000°. Principal axes: T 1.0200, Plg49.0000°, Azm56.0000°, N 0.0600, Plg1.0000°, Azm325.0000°, P -1.0800, Plg41.0000°, Azm234.0000°

NEIC Felt at Gizo, NEIC 27 23:53:49.0±0.0, 8.82S±157.46E, h11km, Moment Tensor Solution. s21 Moment tensor: Scale 10^17Nm; Mr3.42;

M=0.27; M=3.15; M=3.64; M=1.38; M=3.33; Best double couple: M6.10000°/101° NP1±138.00000°, ±73.00000°, ±77.00000°. NP2±356.00000°, ±21.00000°, ±126.00000°. Principal axes: T 6.1900, Plg6.0000°, Azm29.0000°, N -0.2100, Plg12.0000°, Azm141.0000°; P -5.9800, Plg26.0000°, Azm238.0000°; MOS 27 23:53:50.3±1.5, 8.71S±157.29E, h23km, mb5.6/32, MS5.3/14, Error ellipse: s-maj=9.1km s-min=7.8km az=101.5

GCMT 27 23:53:53.0±0.1, 8.99S±0.01±157.50E±0.01, h12km, MW5.8/139, Moment Tensor Solution. s125.6234, ±539.0329; Duration: 14; Moment tensor: Scale 10^17 Nm; Mr3.54±0.03; M=1.12±0.03; M=2.42±0.03; M=2.35±0.09; M=1.88±0.03; M=4.03±0.09; Best double couple: M5.92400°/101° NP1±149.00000°, ±71.00000°, ±93.00000°. NP2±320.00000°, ±19.00000°, ±82.00000°. Principal axes: T 5.8240, Plg64.0000°, Azm63.0000°; N 0.1990, Plg3.0000°, Azm328.0000°; P -6.0230, Plg26.0000°, Azm26.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 27 23:54:01.7±0.0, 8.30S±156.70E, h10km, Moment Tensor Solution. s11 Moment tensor: Scale 10^17Nm; Mr3.32; M=1.32±0.02; M=2.00±0.04; M=1.87±0.04; M=4.83±0.03; Best double couple: M5.90000°/101° NP1±166.00000°, ±74.00000°, ±106.00000°. NP2±301.00000°, ±23.00000°, ±47.00000°. Principal axes: T 6.2200, Plg58.0000°, Azm98.0000°; N -0.5700, Plg15.0000°, Azm342.0000°; P -5.6500, Plg27.0000°, Azm244.0000°; ISC 27 23:53:49.7±0.8, 8.85S±0.04±157.52E±0.04, h14km±4km, n690, ±1.996/649, mb5.5/228, MS5.4/191, 2.9C20, Bougainville-Solomon Islands region

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns for station name, coordinates, and various data points. Includes stations like YAK, LSA, CHGN, BOD, ZAK, TLY, IRK, BWN, ODAN, BOK, MOY, RAMN, GUN, PALK, GSK, DMN, SVW2, GKN, CNPM, MDRS, KOLN, DANN, PYUN, HVS, QSPA, WMQ, KTH, TRD, TRF, HYB, BPAW, TIXI, TIXI, DIV, NGP, IM3, RND, RND, KLU, MCK, MCK, HAR, WRH, MAW, MAW, CCB, MDM, COLA, COLA, DGAR, DGZ, IL1, ILAR, ILAR, ILB, RIDG, BHPL, BHPL, SCRK.

Table with columns for station name, coordinates, and various data points. Includes stations like DDI, DDI, TOLK, MNCY, EGAK, GOA, SMLA, SMLA, MK01, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, DAWY, MAKZ, POO, POO, ZAAO, ZALV, ZALV, ZALV, DHRM, DHRM, DHRM, PDGK, PDGK, L02D, J01D, K02D, K02D, BOM, M02C, N02D, SAO, WDC, NVS, NVS, NVS, NVS, YBH, I03D, H00M, PMPB, O03D, L04D, G03D, E03A, NLWA, PAGB, M04C, AFDM, I04A, SMCC, SCBZ, PKM, J04D, F04D, KSH, KSH, KSH, KSH, KSH, K04D, AAA, AAA, CMB, D03D, NRN, NRN, E04D, D04D, BEKR, J05D, VES, K05A, KURK, KURK, KURK, KURK.

Table with columns for station name, coordinates, and various data points. Includes stations like I05D, CIS, A04D, PINE, PNTR, VCNR, WAKR, G05D, MOD, F05D, TKM2, TKM2, NIL, NIL, B05A, PASC, ISA, YERR, PAHR, MLAC, EDW2, BFSC, CWC, RYN, FRU, FRU, LRMC, NV01, NVAR, NVAR, NV11, SFK, SFK, DAC, MPMC, KVN, NRIK, NRIK, RRR, SYO, SYO, GRAC, WVOR, FRD, MONP2, BHJ, HAWA, HAWA, GSC, PFO, PFO, XPFO, IKP, J08A, G08A, FURC, HEC, SWSC, BELC, B08A, BNN, TPNV, TPNV, TUQ, BC3, GMRC, E09A, IRM, BMO, BMO, GLA, R11A, R11A, SHPR, Y12C, OTUK, OTUK, NEW, NEW, NEW, PDMCI, KBL, KBL, KBL, KK31, KK31, KK31, KKAR.

Table with columns: ID, Name, Frequency, Power, Mode, Direction, and other parameters. Includes stations like W13A Hualapai Mount, PSUT Pine Spring, and many others.

Table with columns: ID, Name, Frequency, Power, Mode, Direction, and other parameters. Includes stations like JCT Cedar Bluff, ABPO Ambohimanong, and many others.

Table with columns: ID, Name, Frequency, Power, Mode, Direction, and other parameters. Includes stations like Didziasalis Zarasai, KMB0 Kilima Mbo, and many others.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NNS Nan Shan, YM07, YHNB Yeheng, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TWG, WTCT Ta-ch'eng, WTP, etc.

Station information for Bougainville-Solomon Islands region, including coordinates and station names like WRA, H1S3, H1S2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WEL, OPRZ, TGRZ, etc.

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like OUZ, ANWZ, POWZ, etc.

Station information for Bougainville-Solomon Islands region, including coordinates and station names like WRA, H1S3, H1S2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HNR, WRAB, WRA, etc.

Station information for UCR 28.01:45:35.2-1.8, 107.6N-83.68W, h17km, gkm, MD3.8, ML2.9, 1C, Costa Rica

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

Station information for UCR 28.01:47:36.5-0.7, 8:80S: 157.37E, h0km, mb3.9/10, mb1.4/2.1, mb1mx4.0/28, mbtmp3.9/11, ML4.3/1, MS3.5/3, Ms1.3/3.3, ms1mx2.9/36, Error ellipse: s-maj=20.9km s-min=14.9km az=3.0

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HNR, PLVR, ACON, etc.

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

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

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

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

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

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

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

NIED 28 05:27:00.38:30N,141:80E,h38km,Mw3.5 Best double couple: M2:33000*1014, NP1:301200000*,836.00000*, lambda-1.00000*, NP2:221.00000*,889.00000*, lambda-1.26.00000*

ICD 28 05:27:31.4:2.9,38:43N:142:47E,h0km,mb3.5/2, mb1 3.3/3, mb1mx3.3/37, mbtmp3.3/3, ML3.1/1, MS3.0/2, Ms1 3.0/2, ms1mx2.4/25, Error ellipse: s-maj=69.7km s-min=36.3km az=63.0

JMA 28 05:27:39.9:1.1,38:26N:141:80E,h48km,1km,M3.5 ICD 28 05:27:36.3:1.1,38:25N:141:94E:0:08,h16km,9gkm, n23,+010127,Near east coast of eastern Honshu

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

NIED 28 05:46:00.36:80N,140:70E,h5km,Mw3.5 Best double couple: M2:03000*1014, NP1:301200000*,851.00000*, lambda-4.88.00000*, NP2:361.00000*,854.00000*, lambda-1.30.00000*

ISCJB 28 05:46:50.0:0.7,36:84N:140:03E:0:06,h7km,5km, mb3 3.6/2, Error ellipse: s-maj=4.8km s-min=4.0km az=19.8 JMA 28 05:46:50.4,36:85N:140:03E,h1km,M3.5

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

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

ICD 28 05:57:15.3:0.1,7:09S:12:81W,h0km,mb4.1/5,mb1 4.1/6, mb1mx3.7/36, mbtmp4.1/6, ML3.7/1, MS3.4/14, Ms1 3.4/14, ms1mx2.3/25, Error ellipse: s-maj=37.3km s-min=19.5km az=137.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASCN, ASCN, ASCN, H10N2, H10N2, H10N2, etc.

ISCJB 28 05:57:15.3:0.1,7:19S:12:93W,h10km,mb4.0/1, Error ellipse: s-maj=18.3km s-min=13.8km az=116.0 NEIC 28 05:57:15.6:0.7,7:05S:10:10W:0:1,h13km,n34, c18:2123,mb4.0/5,MS3.4/19, Ascension Island region

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

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

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

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

ISCJB 28 06:18:29.6:1.0,10:67S:0:09:165:27E:0:10,h31km, mb3.6/5,MS3.6/1, Error ellipse: s-maj=15.8km s-min=9.8km az=142.9

ICD 28 06:18:39.3:3.6,10:81S:164:94E,h96km,30km,mb3.6/5, mb1 3.8/7, mb1mx3.5/27, mbtmp4.0/7, MS3.6/1, Ms1 3.6/1, ms1mx2.7/26, Error ellipse: s-maj=36.8km s-min=19.0km az=49.0

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

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

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

28d 10h

Table with columns: MAKZ, Station Name, Time, Res, Phase ID, ISC, Op, h, m, s, ISC. Includes stations like Makanchi, Palo Verde, Universidad de Juntas Abangare, etc.

UCR 28 09:03:07.2 ± 1.4, 9.95N-85.65W, h10km, mb4.0/5, ML3.1, 2C-5D, Off coast of Costa Rica

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, Op, h, m, s, ISC. Includes stations like Vista de Mar, Palo Verde, Universidad de Juntas Abangare, etc.

ISC 28 09:20:14.4 ± 1.5, 8.84S-157.56E, h0km, mb4.0/5, mb1 4.2/5, mb1mx3.8/30, mbmtap4.0/5, MS2.8/3, Ms1 2.8/3, s-min=27.0km, az=127.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, Op, h, m, s, ISC. Includes stations like Honiara, Port Moresby, Waramunga Arr, etc.

NEIC 28 09:22:30.6 ± 2.5, 32.94S-178.72W, h29km, mb4.7/10, Error ellipse: s-maj=13.2km s-min=8.9km az=108.0

WEL 28 09:22:30.0 ± 2.94S-178.62W, h29km, ML5.0/11, ISCJB 28 09:22:31.0 ± 3.1, 32.85S-178.87W, 0.1, h35km, mb4.8/15, MS3.7/3, Error ellipse: s-maj=12.3km s-min=5.4km az=22.2

ISC 28 09:22:34.0 ± 6.3, 32.94S-178.72W, h54km, mb4.3/4, mb1 4.6/5, mb1mx3.9/26, mbmtap4.5/5, ML4.1/1, MS3.6/3, Ms1 3.6/3, ms1mx3.1/24, Error ellipse: s-maj=39.1km s-min=28.9km az=28.0

ISC 28 09:22:31.8 ± 0.5, 32.79S-108.178W, 0.1, h35km, n70, ±161/72, mb4.7/15, MS3.7/3, South of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, Op, h, m, s, ISC. Includes stations like Green Lake, Raoul Island, Mataka Point, etc.

2012 SEP

Table with columns: MWH, Station Name, Time, Res, Phase ID, ISC, Op, h, m, s, ISC. Includes stations like Vokua'awewe, South Pole Qui, MAW, SNA, etc.

ISC 28 09:22:56.1 ± 2.4, 26.62S-177.44W, h116km, mb3.9/8, mb1 4.1/9, mb1mx3.9/25, mbmtap4.3/9, MS2.8/1, Ms1 2.8/1, ms1mx2.6/24, Error ellipse: s-maj=41.7km s-min=21.1km az=91.0

NEIC 28 09:22:57.4 ± 1.7, 26.70S-177.25W, h132km, 15km, mb4.5/3, Error ellipse: s-maj=21.8km s-min=14.1km az=72.0

WEL 28 09:22:57.0 ± 2.6, 26.55S-177.25W, h132km, n35, ±129/27, mb4.0/10, South of Fiji Islands

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, Op, h, m, s, ISC. Includes stations like Raoul Island, Ureva, WNGZ, etc.

NCC 28 09:32:03.5 ± 4.1, 37.15N-70.79E, h0km, mb3.5, mpv3.2, 5C-5D, Error ellipse: s-maj=32.0km s-min=28.4km az=147.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, Op, h, m, s, ISC. Includes stations like Sufi-Kurgan, Manas, MNA5, etc.

1508

ISC 28 09:47:03.8 ± 3.6, 6.19S-105.63E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/34, mbmtap3.7/4, Error ellipse: s-maj=21.2km s-min=24.9km az=51.0

ISCJB 28 09:47:08.9 ± 0.9, 6.73S-105.31E, 0.08, h53km, mb3.7/4, Error ellipse: s-maj=17.1km s-min=5.2km az=40.7

DJA 28 09:47:08.8 ± 1.1, 7.58S-105.17E, h22km, 6km, M4, 1/9, ML4, 1/9

ISC 28 09:47:10.0 ± 1.0, 6.75S-105.33E, 0.09, h53km, n20, ±150/119, mb3.6/4, Sunda Strait

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, Op, h, m, s, ISC. Includes stations like Cibinong, Serang, Sukabumi, etc.

BEO 28 09:52:11.3 ± 0.5, 43.31N-177.64E, h18km, 6km, ML2.3/12

SAR 28 09:52:11.6 ± 0.3, 43.33N-177.77E, h5km, 2km, ML2.4/1

PDG 28 09:52:11.8 ± 0.3, 43.33N-177.75E, h8km, ML2.6/10, Error ellipse: s-maj=0.5km s-min=0.9km az=0.0

ISC 28 09:52:11.6 ± 0.3, 43.33N-177.75E, h0km, 9km, n46, ±1516/7, 7C-13D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, Op, h, m, s, ISC. Includes stations like Ston, Herceg Novi, Niksic, etc.

NIED 28 10:10:00.39 ± 10N-142.50E, h35km, Mw3.8 Best double couple: M5.00000-1014 NP13-323.00000; R41.00000, λ-110.00000; NP23-168.00000, λ-73.00000

ISCJB 28 10:10:00.7 ± 1.3, 39.06N-104.142E, 0.08, h22km, 7km, mb3.6/3, MS2.6/1, Error ellipse: s-maj=10.5km s-min=6.2km az=10.7

JMA 28 10:10:12.2 ± 0.1, 39.11N-142.43E, h29km, 1km, M3.8 JMA Felt 1 J1

ISC 28 10:10:16.2 ± 3.5, 39.04N-142.41E, h59km, 32km, mb3.4/3, mb1 3.5/5, mb1mx3.3/45, mbmtap3.6/5, ML3.2, MS2.6/3, Ms1 2.6/3, ms1mx2.4/29, Error ellipse: s-maj=48.3km s-min=26.1km az=88.0

WRA	Warramunga Arr	57.17 191	P	P	11 46 42.1 -1.7
ARU	Arti	57.74 319	dIP		11 46 47.2 -0.3
ARU			S	S	11 48 51.8
ARU			SS	SS	11 54 44.3 -0.3
ARU			pmx	pmx	11 58 33.8 -0.9
ARU	comp=Z,11nm,1.7s		MLR	MLR	
ABKAR	Abkulak array	59.49 311	eP	P	11 46 59.3 -0.5
ASAR	Alice Springs	60.90 190	P	P	11 47 08.0 -1.6
YKA	Yellowknife Ar	63.02 31	P	P	11 47 23.4 -0.1
APA	Apalutty	63.63 336	iP	pmx	11 47 38.0 +1.1
APA	comp=Z,8.0nm,0.9s		MLR	MLR	
NLWA	Neilton Lookou	65.45 48	eP	P	11 47 41.1 +1.4
GEYT	Alibeck	65.56 300	P	P	11 47 40.1 -0.5
D03D	Eldon	65.85 48	P	P	11 47 43.5 +1.3
B05A	Bryant	66.08 47	P	P	11 47 44.5 +0.8
DAG	Danmarks Havn	66.12 356	iP	P	11 47 42.7 -0.8
DAG	Danmarks Havn	66.12 356	iP	pmx	11 47 42.7 -0.8
E04D	Cinebar	66.64 49	P	P	11 47 48.4 +1.2
D05A	Enumclaw	66.67 48	eP	P	11 47 49.4 +1.9
G03D	McMillerville, O	66.87 50	P	P	11 47 49.5 +0.7
I02D	Swisshome	67.05 51	P	P	11 47 51.3 +1.4
LTY	Liberty	67.42 47	eP	P	11 47 52.8 +0.5
J01D	Myrtle Point	67.47 52	P	P	11 47 54.2 +1.6
H04D	Lebanon	67.54 51	P	P	11 47 53.9 +0.9
I03D	Drain, OR	67.57 52	P	P	11 47 54.4 +1.2
F05D	White Salmon	67.64 49	P	P	11 47 54.5 +0.8
B08A	Colville Reser	67.64 46	eP	P	11 47 54.3 +0.6
H04A	Detroit Lake	67.80 50	eP	P	11 47 55.2 +0.5
K02D	Williamette Mer	67.87 53	P	P	11 47 56.1 +0.8
G05D	Wamic, OR	68.05 49	P	P	11 47 56.4 +0.1
I04A	Tendick Farm,	68.11 51	P	P	11 47 57.4 +0.7
L02D	Cave Junction,	68.18 53	P	P	11 47 58.2 +1.0
STKA	Stephens Creek	68.39 182	P	LR	12 16 29.6
STKA	comp=Z,3.1nm,21.9s,baz=13,slow=35		LR	LR	
G06A	Carlson Farm,	68.47 49	eP	P	11 47 59.6 +0.6
I05D	Terrebonne, OR	68.49 50	P	P	11 47 59.7 +0.6
D08A	Wollman Farm,	68.55 47	eP	P	11 48 00.0 +0.7
F07A	Phinny Hill Vi	68.55 48	eP	P	11 48 00.4 +1.0
J04D	Umpqua Nationa	68.58 52	P	P	11 48 00.5 +0.7
E08A	Dider Farm, El	68.76 47	eP	P	11 48 01.3 +0.6
NEW	Newport	68.95 45	eP	pmx	11 48 02.2 +0.3
NEW	Newport	68.95 45	eP	pmx	11 48 02.2 +0.3
NEW	Newport	68.95 45	P	P	11 48 02.2 +0.3
YBH	Yreka Blue Hor	68.97 53	eP	P	11 48 03.6 +1.4
YBH	Yreka Blue Hor	68.97 53	eP	pmx	11 48 03.6 +1.4
L04D	Klamath	68.98 53	P	P	11 48 03.1 +0.8
PINE	Pine Mountain	69.02 51	eP	P	11 48 03.7 +1.1
M02C	Callahan	69.05 54	P	P	11 48 03.8 +1.1
J05D	Fort Rock, OR	69.10 51	P	P	11 48 04.1 +1.1
E09A	Wood Farm, Sta	69.28 47	eP	P	11 48 04.8 +0.9
N02D	Trinity Center	69.36 54	P	P	11 48 05.6 +1.0
OBN	Obninsk	69.36 324	eP	P	11 48 05.3 +1.1
OBN			ePPP	PPP	11 50 38.6
OBN			eS	S	11 52 15.7
OBN			pmx	pmx	11 57 16.1 +6.8
G08A	Pilot Rock	69.45 48	eP	P	11 48 06.0 +0.8
M04C	Madcoed	69.50 53	P	P	11 48 06.3 +0.8
K05A	Summer Lake	69.67 52	eP	P	11 48 07.3 +1.0
WDC	Whiskeytown Da	69.61 54	eP	P	11 48 07.3 +0.9
FINES	FINESS Array B	69.85 333	P	P	11 48 07.0 -0.1
FINES	comp=Z,3.7nm,0.7s,baz=28,slow=8.6,SNR=7.4		LR	LR	12 21 09.1
O03D	Paynes Creek	70.30 54	P	P	11 48 10.4 0.0
MOD	Modoc Plateau	70.41 52	eP	P	11 48 11.9 +0.7
BMO	Blue Mountains	70.67 48	eP	P	11 48 13.0 +0.4
BMO	Blue Mountains	70.67 48	eP	pmx	11 48 13.0 +0.4
J08A	Circle Bar Ran	70.77 50	eP	P	11 48 14.2 +0.9
SUMG	Summit	70.87 1	eP	P	11 48 13.7 0.0
SUMG	Summit	70.87 1	iP	P	11 48 14.1 +0.4
SUMG	Summit	70.87 1	iP	pmx	11 48 14.1 +0.4
WVOR	Wild Horse Val	71.17 51	eP	P	11 48 16.7 +1.0
WVOR	Wild Horse Val	71.17 51	eP	pmx	11 48 16.7 +1.0
BEKR	Beckworth	71.47 54	eP	P	11 48 18.0 +0.4
MSO	Missoula	71.54 45	eP	P	11 48 18.2 +0.4
MSO	Missoula	71.54 45	eP	P	11 48 17.9 0.0
AFDM	Forest Hills D	71.56 55	eP	P	11 48 18.7 +0.7
PAHR	Pah Rah Range	72.18 54	eP	P	11 48 22.4 +0.5
VCNR	Virginia City	72.24 54	eP	P	11 48 23.4 +1.1
ZEI	Tsey	72.36 310	eP	pmx	11 48 20.6 -2.4
PNTR	Pine Nut	72.38 54	eP	P	11 48 23.9 +0.7
KIV	Kislovodsk	72.44 312	eP	P	11 48 24.1 +0.8
KIV	Kislovodsk	72.44 312	eP	pmx	11 48 24.4 +1.1
KIV	comp=Z,17nm,1.1s		MLR	MLR	

CMB	Columbia Colle	72.44 55	eP	P	11 48 23.8 +0.5
CMB	Columbia Colle	72.44 55	eP	pmx	11 48 23.8 +0.5
KBZ	Khabaz	72.44 312	P	P	11 48 24.0 +0.9
KBZ	comp=Z,7.8nm,0.9s,baz=44,slow=5.7,SNR=14		LR	LR	12 23 17.6
YERR	Yerington	72.67 57	eP	P	11 48 25.9 +1.0
HRH	Holter Researc	72.80 44	eP	P	11 48 26.1 +0.7
WAKR	Walker	72.81 55	eP	P	11 48 27.0 +1.2
NEY	Neytrino	72.82 311	eP	pmx	11 48 27.3 +1.6
FFC	Flin Flon	72.84 34	eP	P	11 48 25.2 -0.1
FFC	Flin Flon	72.84 34	eP	pmx	11 48 25.6 +0.3
LRM	Limekiln Ridge	72.96 45	eP	P	11 48 27.0 +0.4
HLID	Hailey	73.12 48	eP	P	11 48 28.0 +0.6
HLID	Hailey	73.12 48	eP	P	11 48 27.8 +0.4
DLMT	Dillon	73.14 46	eP	P	11 48 28.0 +0.5
BMN	Battle Mountai	73.16 52	eP	P	11 48 28.4 +0.7
BMN	Battle Mountai	73.16 52	eP	pmx	11 48 28.4 +0.7
EGMT	Eagleton,	73.16 42	P	P	11 48 27.3 -0.2
RYN	Ryan	73.34 54	eP	P	11 48 29.5 +0.7
KVN	Kaiserville	73.37 54	eP	P	11 48 29.7 +0.7
KVN	Kaiserville	73.37 54	eP	pmx	11 48 29.7 +0.7
KVN	Bozeman (W)	73.56 45	eP	P	11 48 30.4 +0.4
BOZ	Bozeman (W)	73.56 45	eP	pmx	11 48 30.4 +0.4
BOZ	Bozeman (W)	73.56 45	P	P	11 48 30.3 +0.4
NV01	Mina Array Sit	73.59 54	eP	P	11 48 30.9 +0.5
NVAR	Mina Array Bea	73.59 54	P	P	11 48 31.0 +0.6
NV11	Mina Array Sit	73.69 54	eP	P	11 48 31.6 +0.7
MLAC	Mammoth, Mammo	73.69 55	P	P	11 48 31.9 +0.9
PAGB	Antelope Grade	73.80 57	eP	P	11 48 32.6 +1.2
QLMT	Earthquake Lak	74.13 46	eP	P	11 48 34.4 +1.0
SMMC	Simmer	74.21 58	P	P	11 48 34.4 +0.6
YHB	Horse Butte	74.31 46	eP	P	11 48 35.5 +1.1
YHR	Holmes Hill	74.48 45	eP	P	11 48 36.5 +0.9
YMH	Madison River	74.49 46	eP	P	11 48 36.7 +1.2
VES	Vestal, Richgr	74.53 57	P	P	11 48 35.4 -0.2
GCMT	Greycliff	74.55 44	eP	P	11 48 36.6 +0.9
PKM	Mpherson Peak	74.57 58	P	P	11 48 36.5 +0.4
YNR	Norris Junctio	74.62 45	eP	P	11 48 38.6 +2.2
CWC	Cottonwood Cre	74.86 56	P	P	11 48 37.9 +0.2
H17A	Grant Village	74.88 46	eP	P	11 48 40.1 +2.3
H17A	Grant Village	74.88 46	eP	P	11 48 39.9 +2.1
IMW	Indian Meadow	74.96 46	eP	P	11 48 39.6 +1.2
ANN	Anapa	75.00 315	eP	pmx	11 48 36.5 -1.7
GRAC	Grapevine Rang	75.01 55	P	P	11 48 39.1 +0.6
ISA	Isabella, Lake	75.04 57	eP	P	11 48 38.6 -0.1
ISA	Isabella, Lake	75.04 57	eP	P	11 48 38.2 -0.4
FXWY	Fox Creek	75.07 46	eP	P	11 48 40.0 +1.1
NB2	NORSAR Array B	75.08 338	P	P	11 48 38.0 -0.4
NOA	NORSAR Array B	75.08 338	P	LR	12 25 52.7
NOA	comp=Z,2.9nm,0.5s,baz=38,slow=5.8,SNR=13		LR	LR	
ARVC	Arvin	75.10 57	P	P	11 48 39.1 +0.2
HVU	Hansel Valley	75.14 49	eP	P	11 48 40.4 +1.2
HVU	Hansel Valley	75.14 49	eP	pmx	11 48 40.4 +1.2
MOOW	Moose Ponds,	75.17 46	eP	P	11 48 40.4 +1.0
RLMT	Red Lodge	75.18 44	eP	P	11 48 40.2 +0.7
RLMT	Red Lodge	75.18 44	eP	P	11 48 40.0 +0.6
TPAW	Teton Pass	75.20 47	eP	P	11 48 41.1 +1.4
LOHW	Long Hollow	75.33 46	eP	P	11 48 41.6 +1.2
REDW	Red Top Meadow	75.33 47	eP	P	11 48 41.6 +1.1
R11A	Troy Canyon, C	75.39 53	P	P	11 48 41.0 +0.2
MPMC	Manual Prospec	75.47 56	P	P	11 48 41.6 +0.3
BGU	Big Grassy Mou	75.48 50	eP	P	11 48 42.3 +1.0
BLG	Laguna Peak, P	75.52 58	P	P	11 48 41.4 0.0
AKASG	Malin Array Be	75.58 323	P	LR	12 26 04.2
AKASG	comp=Z,2.1nm,0.6s,baz=45,slow=6.2,SNR=7.1		LR	LR	
KIEV	Kiev	75.60 323	eP	pmx	11 48 40.8 -0.7
FURC	Furnace Creek,	75.65 55	P	P	11 48 42.6 +0.6
LRMC	Laurel Mtn Rd	75.67 56	P	P	11 48 42.4 +0.1
TPNV	Topopah Spring	75.77 54	eP	P	11 48 43.1 +0.2
TPNV	Topopah Spring	75.77 54	eP	pmx	11 48 43.1 +0.2
EDW2	Edwards Air Fo	75.80 57	P	P	11 48 43.6 +0.5
DGMT	Dagmar	75.81 40	eP	P	11 48 43.0 +0.2
DGMT	Dagmar	75.81 40	P	P	11 48 42.7 -0.1
LAO	LASA Array	75.88 42	eP	P	11 48 44.1 +0.8
LAO	LASA Array	75.88 42	eP	P	11 48 43.4 +0.1
HWUT	Hardware Ranch	75.97 48	eP	P	11 48 45.0 +1.0
DUG	Dugway, Tooele	76.05 50	eP	P	11 48 45.2 +0.7
DUG	Dugway, Tooele	76.05 50	eP	pmx	11 48 45.2 +0.7
DUG	Dugway, Tooele	76.05 50	P	P	11 48 45.0 +0.5
MWC	Mount Wilson	76.14 58	eP	P	11 48 45.7 +0.6
MWC	Mount Wilson	76.14 58	eP	P	11 48 45.7 +0.6

MWC	comp=Z,1.9nm,1.3s		pmx	pmx	
TCUT	Toone Canyon	76.35 49	eP	P	11 48 47.3 +1.0
GSC	Goldstone, Bar	76.36 56	eP	P	11 48 46.4 +0.2
GSC	Goldstone, Bar	76.36 56	eP	P	11 48 46.4 +0.2
GSC	Goldstone, Bar	76.36 56	eP	pmx	11 48 46.4 +0.2
GSC	Goldstone, Bar	76.36 56	P	P	11 48 46.4 +0.2
SHOC	Shoshone, Teco	76.36 55	P	P	11 48 46.1 -0.1
CIS	Catalina Islan	76.37 59	P	P	11 48 46.3 +0.1
PSUT	Pine Spring	76.38 52	eP	P	11 48 47.3 +0.8
BFSC	Mount Baldy Ra	76.40 57	P	P	11 48 46.4 -0.1
BW06	Boulder Array	76.45 47	eP	P	11 48 46.7 -0.1
BW06	Boulder Array	76.45 47	eP	P	11 48 46.5 -0.3
PD31	Pinedale Array	76.45 47	eP	P	11 48 46.8 -0.1
PDAR	Pinedale Array	76.45 47	eP	P	11 48 46.7 -0.1
PDAR	Pinedale Array	76.45 47	eP	P	11 48 45.7 -1.1
JLU	Jordanelle	76.64 49	eP	P	11 48 48.8 +0.8
NLU	North Lily Min	76.65 50	eP	P	11 48 48.6 +0.6
SHPR	Sheep Range	76.74 54	eP	P	11 48 49.5 +1.0
TUQ	Turquoise Moun	76.86 56	P	P	11 48 49.5 +0.3
MPU	Maple Canyon	76.88 50	eP	P	11 48 50.3 +1.0
HEC	Hector,Ludlow	76.95 56	P	P	11 48 49.8 +0.2
MURC	Murrieta	77.08 58	P	P	11 48 50.4 +0.1
CCUT	Cedar City	77.28 53	eP	P	11 48 52.4 +0.8
GMRC	Granite Mounta	77.42 56	P	P	11 48 52.4 +0.1
SZCU	Shurtz Canyon	77.43 52	eP	P	11 48 53.3 +0.9
MSU	Marysvale	77.45 51	eP	P	11 48 53.5 +1.0
FRD	Ford Ranch, An	77.55 58	P	P	11 48 52.9 0.0
PFO	Pinyon Flats O	77.57 57	eP	P	11 48 53.5 +0.4
PFO	Pinyon Flats O	77.57 57	eP	pmx	11 48 53.5 +0.4
PFO	Pinyon Flats O	77.57 57	P	P	11 48 53.4 +0.2
XPFO	Pierson Flat	77.58 57	eP	P	11 48 53.5 +0.4
TMUT	Trail Mountain	77.58 50	eP	P	11 48 54.2 +0.9
BEL					

Table with columns: STKA, STA, Time, Az, El, SNR, P, L, R. Includes stations like Stephens Creek, Songo Array, Urumqi, etc.

Table with columns: HLID, STA, Time, Az, El, SNR, P, L, R. Includes stations like Hailey, Furnace Creek, Topopah Spring, etc.

Table with columns: AAGR, STA, Time, Az, El, SNR, P, L, R. Includes stations like Agrelo, CERRO LA CRUZ, Vizcacheras, etc.

Table with columns: UCR 28:12:59.547, Code, Station Name, Az, El, SNR, P, L, R. Includes stations like Dominical, Buena Vista, etc.

Table with columns: IDC 28:13:11:46, Code, Station Name, Az, El, SNR, P, L, R. Includes stations like Lajas Array, Mina Array, etc.

Table with columns: ISCBJ 28:13:30:58, Code, Station Name, Az, El, SNR, P, L, R. Includes stations like Tavsani, Gediz, etc.

Table with columns: NEIC 28:13:37:18, Code, Station Name, Az, El, SNR, P, L, R. Includes stations like Anegada, Cerro Coronel, etc.

28d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DMHP, DDMP, Don Marcelino, etc.

ISCJB 28 14:01:28.0.0.4.37:50N.0.03:35.70E.0.04,h9km,5km, Error ellipse: s-maj=5.5km s-min=3.8km az=33.1

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

MEX 28 14:12:53.8.1.0.15.76N.93.29W,h108km,8km,MD3.7, Near coast of Chiapas

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

IDC 28 14:25:44.5.0.4.13:71N.120:71E,h111km,3km,mb4.2/28, mb1.4/3/28,mb1mx4.2/41,mbtmp4.6/28,MS3.9/3,

MOS 28 14:25:44.5.0.9.13:85N.120:71E,h120km,mb4.6/31, Error ellipse: s-maj=11.5km s-min=5.9km az=114.8

ISCJB 28 14:25:45.0.0.2.13:80N.0.02:120:73E.0.03, h125km,2km,mb4.7/70, Error ellipse: s-maj=5.3km

NEIC 28 14:25:46.4.0.7.13:76N.120:76E,h130km,6km,mb4.7/17, Error ellipse: s-maj=7.9km s-min=5.2km az=91.0

ISC 28 14:25:45.6.0.5.13:75N.0.03:120:57E.0.04,h116km,4km, h116km,pP-P,n247,e187/1267,mb4.7/70,14C-14D,

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TGY, BOAC, SJMP, etc.

2012 SEP

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GYA, NJ2, KAPI, etc.

1514

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DMN, SONM, SONM, etc.

28d 15h

Table with columns for call sign, name, frequency, power, and status. Includes entries like LOHW Long Hollow, FXWY Fox Creek, WDC Whiskeytown Da, etc.

2012 SEP

Table with columns for call sign, name, frequency, power, and status. Includes entries like G08A Pilot Rock, SUSD Miller, I03D Drain, etc.

1516

Table with columns for call sign, name, frequency, power, and status. Includes entries like Z52A Williamson, DGMT Dagmar, DGMT Dagmar, etc.

28d 16h

Table of station data for 28d 16h, including station names like W51A Cleveland, TZTN Tazewell, V51A Loudon, etc., with columns for time, phase, and other parameters.

2012 SEP

Table of station data for 2012 SEP, including station names like FINES FINESS Array B, BRTR Keskin Array B, SEY Seymchan, etc., with columns for time, phase, and other parameters.

IDC 28 15:38:46.0, 5.6, 24:87N; 110:10W, h0km, mb3.7/1, mb1 4.2/4, mb1mx3.7/49, mbtmp3.7/4, ML4.0/3, Error ellipse: s-maj=81.9km s-min=32.3km az=175.0, Baja California

Table of station data for IDC 28 15:38:46.0, including station names like TXAR Lajitas Array, TXAR Nancy, NVAR Mina Array Bea, etc., with columns for time, phase, and other parameters.

WEL 28 15:44:13.6, 44'S; 172:8E; 0.9, h12km; 1km, ML3.9/15, South Island

Large table of station data for WEL 28 15:44:13.6, including station names like CRLZ Canterbury Las, MOZ McQueen's Vall, OKCZ Okains Bay, etc., with columns for time, phase, and other parameters.

MEX 28 16:08:52.6, 3.1, 14:85N; 93:21W, h68km; 12km, MD3.6, Near coast of Chiapas

Table of station data for MEX 28 16:08:52.6, including station names like PCIG Birch Farm, CCIG Comitan, TGIG Takapari Road, etc., with columns for time, phase, and other parameters.

1518

Table of station data for 1518, including station names like BIPH Pagadian, GAGP General Santos, DMMP Don Marcelino, etc., with columns for time, phase, and other parameters.

NEIC 28 16:17:13.4, 0.0, 19:49N; 66:26W, h84km, MD3.5 (RSPR), After RSPR

RSPR 28 16:17:13.4, 19:49N; 66:26W, h83km; 9km, MD3.5/11, 13C-16D, Puerto Rico region

Table of station data for NEIC 28 16:17:13.4, including station names like EMPR Esperanza - Ma, AOPR Arecibo Observ, AOPR Arecibo Observ, etc., with columns for time, phase, and other parameters.

ISC/JB 28 16:23:05.2, 5.0, 25:95N; 102:119.85E; 0.02, h6km; 5km, Error ellipse: s-maj=4.5km s-min=3.0km az=151.0

BUI 28 16:23:05.5, 25:94N; 119:91E, h15km, ML4.1/5

TAP 28 16:23:05.2, 5.0, 25:94N; 119:88E, h13km, ML3.9/C

ISC 28 16:23:05.7, 1.0, 25:96N; 102:119.87E; 0.02, h9km; 8km, n88, a0:60/123, 5C-4D, Near coast of southeastern China

Table of station data for ISC 28 16:23:05.7, including station names like MATB Ma-tsu, PTTC Pingtan, LYJH Jianjiangzhen, etc., with columns for time, phase, and other parameters.

ISC/JB 28 16:11:04.0, 0.7, 7:85N; 124:94E; 0.04, h5km; 6km, mb3.6/5, Error ellipse: s-maj=6.5km s-min=5.1km az=11.1

IDC 28 16:11:03.7, 1.1, 7:64N; 124:66E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/37, mbtmp3.7/5, Error ellipse: s-maj=32.7km s-min=11.6km az=37.0

MAN 28 16:11:04.1, 7:90N; 124:92E; h14km; mb4.9, ML3.7, MS3.8

ISC 28 16:11:03.6, 1.3, 7:80N; 124:90E; 0.03, h1km; 10km, n22, a:129/30, mb3.8/5, 2C-2D, Mindanao

Table of station data for ISC 28 16:11:03.6, including station names like BUKP Musuan, CWBH Cotabato-PC H, DMPH Davao City-Mi, etc., with columns for time, phase, and other parameters.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PT5B Yuanli, YM03 YM03, TWY Chenhua, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MASBT Mashbuluo, ECL Taimali, SCZT Faniiau, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BCA Borcka, THW Thamm Wali, CEP Cherat, etc.

MAN 28 21:01.14.1,9.62N.126.00E,h10km,mb3.7,ML2.4,MS1.9, Mindanao

MAN 28 21:08.59.9,11.26N.125.79E,h8km,mb4.4,ML3.3,MS3.1, ID, Samar

MOS 28 21:16.26.7.0,0.41.34N.45.93E,h23km,MPVA3.6
ISCJB 28 21:16.26.7.0,5.41.23N.0.03.45.88E.0.02,h10km,4km,
Error ellipse: s-maj=5.2km s-min=2.9km az=1.0

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

IDC 28 21:19.48.4.0,9.82N.126.41E,h0km,mb4.1/20,
mb1.4/3.21,mb1mx4.1/61,mbtmpp4.2/21,ML4.1/1,MS3.2/7,
MS1.3/2.7,ms1mx2.9/40,Error ellipse: s-maj=25.4km
s-min=12.6km az=77.0

MAN 28 21:19.52.5.9,7.74N.126.57E,h15km,mb4.7,ML3.5,MS3.6
ISCJB 28 21:19.54.1.0,8.9.80N.0.04.126.58E.0.07,h6km,8km,
mb4.0/26,Error ellipse: s-maj=11.4km s-min=5.1km
az=161.7

NEIC 28 21:19.56.5.1,4.9.82N.126.44E,h62km,13km,mb4.2/7,
Error ellipse: s-maj=13.9km s-min=6.0km az=75.0

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

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

IDC 28 21:22.55.1.2,10.12.15S.166.98E,h398km,173km,
mb3.0/5,mb1.3/2.6,mb1mx2.9/42,mbtmpp3.8/6,Error
ellipse: s-maj=157.8km s-min=31.3km az=156.0,Santa
Cruz Islands

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

IDC 28 21:26.19.1.1,9.33.57S.179.03W,h0km,mb3.9/3,
mb1.4/1.4,mb1mx3.8/27,mbtmpp4.0/4,ML4.2/1,MS3.1/3,
MS1.3/1.3,ms1mx2.7/27,Error ellipse: s-maj=40.6km
s-min=34.4km az=72.0

ISCJB 28 21:26.21.9.0,9.33.71S.0.06.178.7W.0.2,h48km,
mb3.8/3,MS3.4/1,Error ellipse: s-maj=24.6km
s-min=4.5km az=19.0

WEL 28 21:26.23.3.0,8.4.3.9S.17.9W.2.0,h33km,ML4.9/18
ISC 28 21:26.24.2.1,3.33.70S.0.09.178.7W.0.2,h48km,ms3,
W.18.4/1,mb3.8/3,South of Kermadec Islands

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

1523

ASAR Alice Springs 42.45 271 P P 21 34 13.2 -1.5
WRA Warramunga Arr 43.74 276 P P 21 34 23.7 -1.3
FINES FINES Array B 148.00 338 PKPbc PKPbc 21 46 04.3 +0.8
TORD Torodi Ar. Bea 159.54 181 PKPab PKPab 21 46 58.2 +2.1

IDC 28 21:26:56.3:367.0,4:30N,49:85W, h0km, Error ellipse: s-maj=199.3km s-min=149.0km az=111.0, North Atlantic Ocean

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
109BR BRASILIA INFRA 19.89 175 i bsz=352,slow=332,SNR=1.7

NIED 28 21:56:00,40:00N,140:50E, h11km, Mw3.4 Best double couple: Mo1.56000x10^14 NP1=0.6,00000°,δ20,00000°,λ108.00000°

IDC 28 21:56:07.2:1.8,39:91N,140:67E, h0km, mb3.4/2, mb1 3.5/7, mb1mx3.3/49, mbtmpp3.5/7, ML3.4/4, MS2.6/4, Ms1 2.6/4, ms1mx2.5/24, Error ellipse: s-maj=35.5km s-min=18.1km az=121.0

ISC/JB 28 21:56:09.8:0.7,40:11N,0:05:140:52E:0:07, h19km,7km, mb3.3/2, MS3.5/1, Error ellipse: s-maj=9.4km s-min=8.2km az=154.1

JMA 28 21:56:10.1,40:04N,140:54E, h9km,1km, M3.6 Broadband fault plane solution: P waves. NP1: φ=134.00000°,δ64.00000°,λ100.00000°

ISC 28 21:56:10.9:1.0,40:10N,0:07:140:61E:0:05, h15km,2.7km, n12,±1915/15,3D, Eastern Honshu

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
JAH Hinai 0.10 14 ↑P Pg 21 56 13.8 -0.3
JAH JAH 0.10 14 ↑P Sg 21 56 16.4 +0.2
JKZ Kuzumaki 0.57 101 ↑P Pp 21 56 21.9 -0.1
JKZ JKZ 0.57 101 ↑P Sg 21 56 29.7 +0.1
JANG Nango 0.75 68 ↓P Sg 21 56 25.4 0.0
JANG JANG 0.75 68 ↓P Ss 21 56 35.9 +0.6
MAT Matsushiro 4.02 209 P Pn 21 57 11.6 -0.3
MAT MAT 4.02 209 P Sn 21 58 00.4 +1.7
MJAR MJAR 1.0nm,0.3s,bsz=342,slow=14,SNR=6.6

NNC 28 22:06:31.5:0.5,44:18N,79:72E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=5.9km s-min=2.8km az=100.0

SOME 28 22:06:32.3,44:18N,79:68E, h5km ISC 28 22:06:31.9:1.2,44:14N,0:02:79.74E:0:03, h3km,1.1km, n42,±156/66,13C-12D, Eastern Kazakhstan

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
DJR Jarkent 0.20 11 eP Sg 22 06 38.7 +0.3
DJR DJR 0.20 11 eP Pp 22 06 35.9 +0.1
KTMS KTMS 0.82 147 eP Pp 22 06 47.3 -0.3
KTMS KTMS 0.82 147 eP Sg 22 06 58.5 -1.9
PDGK Podgornoye 0.83 193 ↑P Pp 22 06 48.4 -0.6
PDGK PDGK 0.83 193 ↑P Sg 22 07 00.5 -0.1
MNBS Baschi 0.96 267 eP Pp 22 06 50.2 -0.2
MNBS MNBS 0.96 267 eP Sg 22 07 03.6 +0.7
SHLS Shalkode 1.00 192 eP Pp 22 06 51.3 -0.6
SHLS SHLS 1.00 192 eP Sg 22 07 05.0 -0.6
KPKS Kokpek 1.02 229 eP Sg 22 06 51.9 +0.5
KPKS KPKS 1.02 229 eP Ss 22 07 06.3 +0.3
UZB Uzynbulak 1.12 208 eP Pn 22 06 53.9 -0.7
UZB UZB 1.12 208 eP Sn 22 07 09.3 -1.3
KAPS Kaparalasan 1.18 347 eP Sg 22 06 53.0 -2.0
KAPS KAPS 1.18 347 eP Ss 22 07 08.0 -2.7
KURS Kuram 1.31 241 eP Pp 22 06 56.9 -0.3
KURS KURS 1.31 241 eP Sg 22 07 14.7 +0.8
ZHN Zhinshike 1.35 225 eP Pp 22 06 57.9 -0.1
ZHN ZHN 1.35 225 eP Sg 22 07 16.1 +0.7
ARXS Arxary 1.38 274 eP Pn 22 06 57.5 -0.6
ARXS ARXS 1.38 274 eP Ss 22 07 16.0 -0.9
SATY Saty 1.45 222 eP Pp 22 06 59.8 +0.1
SATY SATY 1.45 222 eP Sg 22 07 19.6 +1.2
CHKK Chushkaly 2.00 263 eP Pp 22 07 07.8 -1.2
CHKK CHKK 2.00 263 eP Sg 22 07 33.4 -1.0
KOTS Kotyrbulak 2.11 246 eP Pp 22 07 11.1 +0.2
KOTS KOTS 2.11 246 eP Sg 22 07 39.1 -0.5
MDOK Medeo 2.18 244 ↑P Pn 22 07 09.6 +0.3
MDOK MDOK 2.18 244 eP Pp 22 07 12.2 +0.1
MDOK MDOK 2.18 244 eP Sg 22 07 40.9 +1.3
KKNK Almaty 2.21 246 ↑P Pp 22 07 11.2 -1.3
KKNK KKNK 2.21 246 ↑P Sg 22 07 42.0
KNDK 636nm,0.6s 2.25 247 eP Pp 22 07 13.6 +0.4
AAA Alma-Ata 2.25 247 eP Sg 22 07 43.2 -0.9
KTBS Karatobe 2.25 260 eP Pp 22 07 11.8 -1.3
KTBS KTBS 2.25 260 eP Sg 22 07 40.4 -1.0
TNSS Tlan-Shan 2.31 242 eP Pp 22 07 14.7 +0.3
TNSS TNSS 2.31 242 eP Sg 22 07 45.1 -0.9
KUU Kurty 2.46 265 eP Pp 22 07 13.6 -0.6

2012 SEP

KUU 18nm,0.3s eS Sb 22 07 48.2 +0.6
MTBS Malutube 2.60 248 eP Pp 22 07 53.0 +1.1
MTBS MTBS 2.60 248 eP Sg 22 07 53.0 +1.3
KST 236nm,0.3s 2.95 250 eP Pp 22 07 25.5 +0.2
KST KST 2.95 250 eP Sg 22 08 03.5 +1.7
DGS Degeres 3.01 254 eP Sg 22 07 26.1 -0.2
DGS DGS 3.01 254 eP Ss 22 08 04.9 +1.5
MAKZ Makanchi 3.10 30 ↑P Pn 22 07 22.3 +0.6
MAKZ MAKZ 3.10 30 ↑P Pp 22 07 28.2 +0.5
MAKZ MAKZ 3.10 30 ↑P Sg 22 08 04.9
ULHI Ulahoi 3.18 235 P Pn 22 07 25.6 +2.6
ULHI ULHI 3.18 235 P Sg 22 07 23.5 +0.3
MK31 16nm,0.4s,bsz=214,slow=28 1.8nm,0.2s,bsz=213,slow=14,SNR=152

BUI 28 22:14:42.9,29:30N,67:90E, h10km, mb4.4/12, mb4.8/6, Ms4.3/5, Ms7.4/0.5

IDC 28 22:14:43.9:0.9,29:41N,67:73E, h0km, mb3.6/16, mb1 3.8/18, mb1mx3.7/45, mbtmpp3.7/18, ML3.6/2, MS3.4/20, Ms1 3.4/20, ms1mx3.2/50, Error ellipse: s-maj=19.8km s-min=16.7km az=22.0

NEIC 28 22:14:44.9:0.6,29:31N:67:92E, h10km, mb4.3/7, Error ellipse: s-maj=11.4km s-min=5.3km az=151.0

ISC/JB 28 22:14:45.1:0.3,29:35N:0:04:67:85E:0:03, h4km, mb4.2/24, MS3.4/20, Error ellipse: s-maj=6.2km s-min=3.6km az=158.37N:0:07:67:85E:0:05, h24km, n90, ±18/178, mb3.9/24, MS3.4/20, Pakistan

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
KBL Kabul 5.25 11 eP Pn 22 16 06.0 +1.6
NSL Nilore 6.29 46 eP Pn 22 16 19.0 +0.5
WIR Wadi Sarin 10.28 236 Pn 22 17 12.1 -1.1
WSAR 2.7nm,0.3s,bsz=84,slow=9,SNR=32
WSAR Wadi Sarin 10.28 236 P Sn 22 18 59.0 -8.7
WSAR Wadi Sarin 10.28 236 P Pn 22 17 13.1 -0.1
WSAR Wadi Sarin 10.28 236 P Sg 22 17 18.4 +3.0
WBK Wadi Bani Khal 10.44 232 S Sn 22 19 02.6 -9.1
BIDO Bidbid 10.47 238 P Pn 22 17 16.8 +0.9
BANOM Banah 10.80 254 P Pn 22 17 20.5 +0.1
SMDO Samad 10.80 254 P Pn 22 17 21.2 +0.6
SHME Shamm 10.89 255 P Pn 22 17 22.4 +0.9
MSFE Esma-Masafi 11.13 252 P Pn 22 17 24.2 -0.6
JMDO Jabal Madar 11.20 234 P Pn 22 17 28.0 +2.1
UOSS Minazif 11.26 250 eP Pn 22 17 26.9 +0.2
UOSS Minazif 11.26 250 P Sn 22 17 26.0 -0.7
UOSS Minazif 11.26 250 P Sg 22 19 21.0 -1.1
SOHO SOHO 11.37 245 P Pn 22 17 25.3 +1.4
SOHO SOHO 11.37 245 P Pn 22 17 27.0 -1.2
HATD Hatta, Dubai 11.37 249 P Pn 22 17 28.4 +0.2
HATD Hatta, Dubai 11.37 249 P Pn 22 17 28.0 -0.2
ASHO Ashiyah 11.50 249 P Pn 22 17 30.0 -0.0
ASHO Ashiyah 11.50 249 P Pn 22 17 29.8 -0.2
BSY Bisya 11.62 238 P Pn 22 17 34.1 +2.4
GEYT Alitbek 11.77 319 Pn 22 17 30.9 -2.7
GEYT Alitbek 11.77 319 Pn 22 23.0 0.1
GAYB ALIBECK ARRAY 11.77 319 eP Pn 22 17 34.5 +1.0
ARQ Arq 11.79 242 P Pn 22 17 36.6 +2.6
ALNE Al Ain 12.04 247 P Pn 22 17 37.3 +0.1
POO Poona 12.10 152 eP P 22 17 47.0 -3.8
AJUD Al Jadhush, Dub 12.12 252 P Pn 22 17 39.3 +0.9
PYUN Piuthan 13.35 92 eP Pn 22 17 54.5 -0.9
NRN Naryn 13.74 27 eP Pn 22 18 00.7 -0.1
KK31 Karatay Array 13.87 8 eP Pn 22 18 01.6 -0.7
KKAR Karatay Array 13.87 8 eP Pn 22 18 01.5 -0.7
KOLN Koldanda 13.94 93 eP Pn 22 18 03.5 +0.1
DANN Dangsing 13.98 90 eP Pn 22 18 03.3 -0.9
GKN GKN 14.80 91 eP Pn 22 18 14.7 -0.5
DMN Daman 15.28 92 eP Pn 22 18 20.8 -0.8
KKNK Kakani 15.40 92 eP Pn 22 18 22.1 -1.1
PKI Pichokki 15.55 92 eP Pn 22 18 24.2 -1.0
JIRN Jirchi 16.22 92 eP Pn 22 18 32.6 -1.2
RAMN Ramite 16.71 94 eP P 22 18 40.9 -1.3
LSA Lhasa 20.28 83 eP P 22 19 20.2 -1.4
MAKZ Makanchi 20.60 28 eP P 22 19 24.7 +0.1
MK01 Makanchi Array 20.71 29 eP P 22 19 24.6 -1.1
MK31 Makanchi Array 20.72 29 eP P 22 19 25.1 +0.2
MKAR Makanchi Array 20.72 29 eP P 22 19 26.0 +0.1
MKAR 1.2nm,0.7s,bsz=218,slow=3,SNR=10
MKAR comp=Z,135nm,18.5s,bsz=218,slow=42

28d 22h

ABKAR Abkulak array 20.76 345 eP P 22 19 26.4 +0.3
RAYN Ar Rayn 20.82 259 eP P 22 19 27.8 +0.6
RAYN Ar Rayn 20.82 259 i P P 22 19 27.6 +0.4
WMQ Urumqi 21.42 42 P P 22 19 35.0 +1.6
WMQ comp=N,300nm,18.5s LR LR
WMQ comp=E,230nm,23.1s LR LR
WMQ comp=Z,180nm,14.9s LR LR
GNI 2.9nm,0.9s,bsz=146,slow=3.6,SNR=1.8 LR LR
GNI 2.9nm,0.9s,bsz=146,slow=3.6,SNR=1.8 LR LR
GNI comp=Z,64nm,19.6s,bsz=123,slow=39 LR LR
GNI comp=Z,64nm,19.6s,bsz=123,slow=39 LR LR
AKTO Aktyubinsk 22.31 343 P P 22 19 43.3 +0.5
BRDH Bariadhala 22.38 102 LR Pn 22 19 47.6 -0.6
KURBB Kurchatov Arra 22.70 18 P P 22 19 45.9 -1.1
BVAR Borovoye Array 23.71 4 P P 22 19 55.9 -1.2
BVAR 0.7nm,0.6s,bsz=145,slow=11,SNR=3.9 LR LR
KBZ Khabaz 24.52 313 P P 22 20 04.6 -0.1
KIV Kizilovsk 24.76 313 eP P 22 20 07.1 +0.1
PALK Palkele 25.09 149 LR LR 22 29 54.2
ZALV Zalesovo Beam 27.49 22 P P 22 20 31.9 +0.4
ZALV Zalesovo Beam 27.49 22 eP P 22 20 31.4 -0.1
ARU Art 27.84 349 LR LR 22 33 24.5
MMAI Mount Meron Ar 27.93 286 LR LR 22 32 40.0
BRTR Kiryat Arza B 29.85 299 LR LR 22 34 23.4
CMAR Chiang Mai Arr 30.34 104 LR LR 22 37 20.5
LZH Lanzhou 30.89 68 pP pP 22 21 02.3 +0.2
LZH Lanzhou 30.89 68 pP pP 22 21 07.5 -1.7
LZH Lanzhou 30.89 68 pP pP 22 21 10.8 -1.4
LZH Lanzhou 30.89 68 pP pP 22 22 02.8 0.0
KMI Kunming 31.24 89 P pmax 22 21 08.5 +3.2
SONM Songino Array 34.86 47 P P 22 21 38.2 +1.6
SONM 0.2nm,0.4s,bsz=258,slow=11,SNR=2.3 LR LR
SONM 0.2nm,0.4s,bsz=258,slow=11,SNR=2.3 LR LR
AKASO Malin Array Be 35.88 317 P P 22 21 45.8 +0.6
HHC Huo-hao-te 37.20 60 pmax 22 21 56.8 +0.1
HHC comp=Z,18nm,0.9s 31.24 89 P pmax
HHC comp=Z,450nm,1.0s 31.24 89 P pmax
BUR04 Bucovina Ar. S 37.46 311 eP P 22 21 59.4 +0.6
KWPP Kalwaria Pacia 39.55 314 eP P 22 22 16.2 0.0
PSZ Piszkesteto 41.04 310 eP P 22 22 29.4 +0.8
NRK Norik'sk 41.60 10 LR LR 22 21 40.7
VYHS Vyhne 41.82 311 P P 22 22 36.7 +1.7
FINES FINES Array B 42.31 332 eP P 22 22 37.2 -0.7
FINES 1.7nm,0.8s,bsz=112,slow=7.4,SNR=11 LR LR
FINES 0.82nm,20.0s,bsz=133,slow=40 LR LR
WDD Wied Dalam 44.92 293 eP P 22 22 49.0 -0.1
GEAO GERESE Array S 45.24 311 eP P 22 23 03.4 +0.7
GERES GERESE Array B 45.25 311 P P 22 23 01.8 -0.8
NOA NORSAR Array B 48.71 327 P P 22 23 28.4 -0.8
NOA 0.8nm,1.0s,bsz=110,slow=9.0,SNR=2.5 LR LR
KRSR Korea Array 50.06 64 LR LR 22 24 52.6
KLR Kul'dur 51.67 49 LR LR 22 24 52.3
LART Cartagena 56.87 298 eP P 22 24 30.9 +0.8
DAV Davacyi TV 58.52 100 LR LR 22 25 33.0
MA2 Magadan 61.66 35 LR LR 22 25 54.0
TORD Torodi Ar. Bea 62.99 270 P P 22 25 11.6 -0.9
WRA Warramunga Arr 80.67 119 P P 22 26 59.4 +0.9
ILAR Eielson Array 82.33 14 P P 22 27 06.3 -0.2
ASAR Alice Springs 82.53 122 P P 22 27 09.9 +1.6
ASAR 0.7nm,0.5s,bsz=307,slow=5.4,SNR=4.3

NEIC 28 22:38:15.4:0.0,19:62N:64:41W, h42km, MD3.5/(RSPR), After RSPR

RSPR 28 22:38:15.4,19:62N:64:41W, h42km,±12km, MD3.5/4,10C, Virgin Islands

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
ABV Anegada 0.89 175 eP Pn 22 38 29.5 -2.0
ABV Anegada 0.89 175 eS Sn 22 38 42.1 -1.1
ABVI Anegada Island 0.89 175 eP Pn 22 38 29.5 -2.0
ABVI Anegada Island 0.89 175 eS Sn 22 38 42.1 -1.1
STVI Saint Thomas 1.36 202 eP Pn 22 38 36.7 -1.3
STVI Saint Thomas 1.36 202 eS Sn 22 38 53.9 -1.0
STVI Saint Thomas 1.36 202 eP Pn 22 38 36.7 -1.3
STVI Saint Thomas 1.36 202 eS Sn 22 38 53.9 -1.0
MTP Monte Pirata 1.86 216 eP Pn 22 38 44.3 -0.5
MTP Monte Pirata 1.86 216 eS Sn 22 39 06.1 -1.0
MTP Monte Pirata 1.86 216 eP Pn 22 38 44.3 -0.5
MTP Monte Pirata 1.86 216 eS Sn 22 39 06.1 -1.0
CBYP Canovanas 1.92 226 eP Pn 22 39 07.2 -1.5
CBYP Canovanas 1.92 226 eS Sn 22 39 07.2 -1.5
AOPR Arcicibo Observ 2.56 241 eP Pn 22 38 53.7 -0.7
AOPR Arcicibo Observ 2.56 241 eS Sn 22 38 53.7 -0.7
AOPR Arcicibo Observ 2.56 241 eP Pn 22 38 53.7 -0.7
AOPR Arcicibo Observ 2.56 241 eS Sn 22 38 53.7 -0.7

ISC/JB 28 22:47:46.7:0.6,24:3S:0:2:68:95E:0:10, h10km, mb4.3/10, MS3.3/2, Error ellipse: s-maj=25.9km s-min=13.1km az=0.0

IDC 28 22:47:47.1:19.0,24:25S:68:97E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.4/44, mbtmpp3.3/3, MS3.3/2, Ms1 3.3/2, ms1mx2.8/39, Error ellipse: s-maj=62.1km s-min=43.3km az=52.0

NEIC 28 22:47:48.6:0.6,24:34S:68:94E, h10km, mb4.5/6, Error ellipse: s-maj=24.2km s-min=12.6km az=182.0

ISC 28 22:47:48.6:0.7,24:3S:0:2:68:9E:0:1, h10km, n16, ±17/11, mb4.1/10, Mid-Indian Ridge

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC
H0S1 Diego Garcia H 16.94 12 T T 23 08 10.9
H0S2 Diego Garcia H 16.94 12 T T 23 08 11.9
H0S3 Diego Garcia H 16.94 12 T T 23 08 10.4
H0S4 Diego Garcia H 16.94 12 T T 23 08 11.9
AOPB Ambompinang 20.84 280 P P 22 52 30.7 -0.2
COCO West Island 29.05 70 P P 22 53 48.9 -0.3

1525

Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like CM01, CMAR, CMAR, CMMT, CHTO, etc.

2012 SEP

Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like WMQ, WMQ, WMQ, WMQ, etc.

28d 23h

Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like CWC, RYN, LRM, NVAR, etc.

ISCJB 28d 23h: 34.42-7.0, 6.784N-0.0320-26E, 0.09, h0km, Error ellipse: 5.1km s-min=4.0km az=16.0 UPP 28d 23h: 34.42-9.0, 1.6783N-20.21E, h0km, ML2.5 HEL 28d 23h: 34.44, 1.6785N-20.25E, h0km, ML2.3, Explosion ISC 28d 23h: 34.42-7.0, 6.782N-0.0420-31E, 0.04, h0km, n23, 0999/31, Sweden Code Station Name Az Az2 Phase ID ISC h m s Res Code

29d 1h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LSZ Lusaka, SCHEFFERVILLE, PIYUN Piuthan, etc.

2012 SEP

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SRU San Rafael Swe, NLU North Lily Min, TMUT Trail Mountain, etc.

1530

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NLU North Lily Min, JLU Jordanelle, RWWY Rowland, etc.

1531

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like W39A Magazine, PBMO Poplar Bluff, S39A Bolivar, etc.

GUC 29 02:28:57.74-0.5, 32.475x71.63W, h33km, 15km, ML2.9

SJA 29 02:28:57.74-1.2, 32.615x71.70W, h20km, ML2.8, MW3.1

ISC 29 02:28:54.5-3.1, 32.515x0.066, 71.8W-0.2, h9km12km, n20,

a1922/26, 1C-1D, Near coast of central Chile

Main table for station 1531, listing various stations with their call signs, frequencies, and technical specifications. Includes stations like ROC1 EI Roble, PEL Peldehue, CLCH Cerro Calan, etc.

DDA 29 02:39:29.7, 35.04N-27.69E, h28km, M1.4

GII 29 02:39:31.3-0.0, 35.27N-27.90E, h1km, mb4, 1/3, MD3.9/3

ISCJB 29 02:39:31.7-0.4, 35.21N-0.01-27.90E-0.01, h11km, 3km,

mb4, 3/51, MS3.7/17, Error ellipse: s-maj=2.5km

s-min=1.4km az=27.5

ISK 29 02:39:31.4, 35.31N-27.80E, h5km, ML4.3/20

IDC 29 02:39:31.2-0.6, 35.36N-27.74E, h0km, mb4, 1/25,

mb1 4.2/26, mb1mx4.1/53, mbtmp4.1/36, ML3.8/9, MS3.6/22,

Ms1 3.6/22, ms1mx3.6/41, Error ellipse: s-maj=14.7km

s-min=10.6km az=171.0

HLW 29 02:39:31.4, 35.33N-27.89E, h0km, 9km, M1.3

ATH 29 02:39:33.1, 35.41N-27.87E, h17km, 1km, ML3.9/24, Error

ellipse: s-maj=2.1km s-min=1.1km az=328.0

THE 29 02:39:35.1, 35.41N-27.82E, h0km, ML4.2/20, Error

ellipse: s-maj=1.8km s-min=0.9km az=148.0

NIC 29 02:39:35.6-0.2, 34.69N-27.88E, h39km, mb4.5, ML4.1

MOS 29 02:39:35.3-1.3, 35.32N-27.82E, h36km, mb4.5/28, Error

ellipse: s-maj=5.2km s-min=3.8km az=102.9

NEIC 29 02:39:35.1-0.0, 35.41N-27.82E, h0km, mb4, 2/21,

ML4.2(THL) After THL

ISC 29 02:39:33.5-0.8, 35.25N-0.03-27.84E-0.02, h14km, 4km,

n570, r164/652, mb4, 3/51, MS3.6/17, 23C-8D,

Dodecanese Islands

Table listing stations in the Dodecanese Islands, including KARP Karpathos, ARG Arkhangelos, ZKR Zakros, etc.

2012 SEP

Main table for station 2012 SEP, listing various stations with their call signs, frequencies, and technical specifications. Includes stations like NISR Nisiros, KSL Kastellorizon, DALY Dalyan, etc.

29d 2h

Main table for station 29d 2h, listing various stations with their call signs, frequencies, and technical specifications. Includes stations like VAM Vamos, BDRM Burdur-Merkez, GVD Gavdhos, etc.

29d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PROD, AOS, TRIP, LKR, etc.

2012 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASF, VTS, VIT, etc.

1532

Table with columns for station name, frequency, power, and other technical details. Includes stations like ABTA, VRAC, VRC, etc.

M1 2.5/1,ms1mx2.1/33,Error ellipse: s-maj=23.7km s-min=15.8km az=165.0 ISK 29 03:26:58.5, 35.37N,27.79E,h5km,ML3.2/5 ISCJB 29 03:26:58.9,0.9,35.37N,0.04,27.90E,0.03,h9km,5km,mb3.3/4,Error ellipse: s-maj=6.7km s-min=3.7km az=157.1 ATH 29 03:27:00.3,35.48N,27.85E,h17km,2km,ML3.0/4,Error ellipse: s-maj=4.5km s-min=1.6km az=330.0 THE 29 03:27:02.3,35.56N,27.90E,h0km,ML3.1/6,Error ellipse: s-maj=2.3km s-min=0.8km az=136.0 ISC 29 03:26:59.6, 1.2, 35.39N, 0.04, 27.89E, 0.03, h12km, 6km, m68, m151/89, mb3.4/4, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KARP Karpathos, ARG Arkhangelos, NIS1 Nisyros Isl., etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STIA Sialia Lasithi, DALY Dilyan (Mu/La), KSL Kastellorizon, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMGA Amorgos Island, SANT Santorini, THAV Thira Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, MMAI Mount Meron Ar, ASAF Jabal al Asfar, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUC 29 03:32:28.0, LVC Limon Verde, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC 29 03:39:12.8, TAFL Tanaga Flats, TAPA Tanaga Point A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ISCJB 29 03:46:47.5, WEL 29 03:46:50.7, WEL 29 03:46:50.7, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HRRZ Handcock Road, PRGZ Paritua Road, PRRZ Plateau Road, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAZ Waiheke Island, TLZ Tolley Road, ARHZ Aroaupoanui, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC 29 03:39:12.8, TAFL Tanaga Flats, TAPA Tanaga Point A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ISCJB 29 03:47:04.5, FINEC FINES Array B, FINEC FINES Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TASE Tanaga Southeast, TAPA Tanaga Point A, TAFP Tanaga Falls P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11S2 WAKE ISLAND Hy 35.13 205 T, H11S3 WAKE ISLAND Hy 35.14 205 T, NVAR Mina Array Bea 43.14 83 P, etc.

ISC/JB 29 03:58:06.5:1.3, 51.54N:0.09:178.15W:0.04, h13km, 7km, mb3.3/3, Error ellipse: s-maj=15.2km s-min=4.0km az=173.5

IDC 29 03:58:06.7:8.4, 51.50N:177.99W, h0km, mb3.2/4, mb1 3.8/5, mb1mx3.8/5.9, mbtmp3.5/5, ML3.8/1, Error ellipse: s-maj=161.2km s-min=63.6km az=98.0

NEIC 29 03:58:07.1:0.0, 51.52N:178.15W, h12km, ML3.4(AEIC), After AEIC

ISC 29 03:58:05.1:8, 51.59N:0.08:178.15W:0.03, h1km, 12km, n34, c067/34, mb3.4/3, Andreanof Islands

Main table for station data under Andreanof Islands, including stations like TASE Tanaga Southea, TAPA Tanaga Point A, TAFP Tanaga Falls P, etc.

NIED 29 03:58:00, 39.50N:142.60E, h23km, Mw3.5 Best double couple: M1.72000:0.104 NP1.30:218.0000:0.864.00000, lambda=153.00000... NP2.30:116.00000:0.866.00000, lambda=29.00000...

JMA 29 03:58:46.0:0.1, 39.46N:142.61E, h33km, 1km, M3.5, Near east coast of eastern Honshu

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

ISC/JB 29 04:00:50.7:0.4, 38.66N:0.02:26.63E:0.04, h7km, 4km, Error ellipse: s-maj=4.9km s-min=3.4km az=8.7

DDA 29 04:00:50.6, 38.86N:26.65E, h7km, ML2.5

ISK 29 04:00:50.1, 38.66N:26.63E, h10km, 3km, ML2.0/3

ISC 29 04:00:50.2:0.9, 38.68N:0.02:26.61E:0.03, h12km, 6km, n18, c075/32, Aegean Sea

Main table for station data under Aegean Sea, including stations like FOCM Fo'Sa, KRBN Karaburun, URLA Izmir, etc.

BUI 29 04:25:03.3, 39.25N:69.86E, h24km, mb4.2/3, ML4.3/2, Ms3.9/2

IDC 29 04:25:04.8:1.0, 38.39N:70.55E, h0km, mb3.8/3, mb1 4.0/20, mb1mx3.8/4.1, mbtmp3.9/20, ML3.5/6, MS3.2/12, MS1 3.2/12, ms1mx3.0/4.4, Error ellipse: s-maj=18.6km s-min=13.5km az=161.0

KRNET 29 04:25:06.2:0.1, 38.74N:70.48E, mb3.6

NNC 29 04:25:08.4:2.4, 38.70N:70.36E, h0km, mb4.7, mpv4.3, Error ellipse: s-maj=20.0km s-min=17.2km az=167.0

MOS 29 04:25:10.1:1.1, 38.74N:70.27E, h33km, mb4.0/11, Error ellipse: s-maj=10.6km s-min=6.3km az=84.4

NEIC 29 04:25:10.1:2.3, 38.71N:70.42E, h24km, 17km, mb4.0/2, Error ellipse: s-maj=9.2km s-min=8.1km az=174.0

ISC 29 04:25:07.4:0.6, 38.40N:0.05:70.52E:0.05, h23km, n76, c260/78, mb3.7/15, MS3.1/10, 15C-5D, Afghanistan-Tajikistan border region

Main table for station data under Afghanistan-Tajikistan border region, including stations like DRK Karamyk, DRK batzen-54, BTk Batzen-11, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES comp=Z.71nm, 19.1s, bsz=230, slow=41 LR, FINES FINES Array B 35.70 325 P, etc.

MEX 29 05:00:40.3:0.6, 17.19N:94.52W, h142km, 9km, MD4.0

NEIC 29 05:00:40.2:0.0, 17.14N:94.58W, h139km, MD4.0(MEX), After MEX, Chiapas

Main table for station data under Chiapas, including stations like TUIG Tuzandepetl, TUIG Tuzandepetl, TUIG Tuzandepetl, etc.

BUI 29 05:25:36.3, 34.80N:27.33E, h10km, mb4.6/21, mb5.1/11, Ms4.6/3, Ms7.4/4

HLW 29 05:25:39.5, 35.48N:27.75E, h7km, 20km, ML4.4

DDA 29 05:25:40.9, 35.27N:27.88E, h4km, ML4.3/11

ISK 29 05:25:40.9, 35.28N:27.82E, h4km, ML4.3/11

NEIC 29 05:25:42.0:0.0, 35.37N:27.86E, h17km, mb4.6/49, ML4.3/41H, ML4.4/41E, After ATH

ATH 29 05:25:42.1, 35.37N:27.86E, h17km, 1km, ML4.2/8, Error ellipse: s-maj=2.3km s-min=0.9km az=328.0

ISC/JB 29 05:25:42.3:0.5, 35.19N:0.01:27.91E:0.1, h25km, 4km, mb4.5/77, MS3.7/21, Error ellipse: s-maj=2.7km s-min=1.5km az=28.3

NIC 29 05:25:42.6:0.4, 35.44N:27.73E, h38km, mb4.7, ML4.4

MOS 29 05:25:43.3:1.2, 35.39N:27.85E, h21km, mb4.5/35, Error ellipse: s-maj=5.4km s-min=3.7km az=103.8

GII 29 05:25:44.0:0.0, 35.19N:27.88E, h30km, mb4.4/3, MD4.2/3

THE 29 05:25:44.2, 35.44N:27.87E, h0km, ML4.4/11, Error ellipse: s-maj=2.6km s-min=1.9km az=140.0

IDC 29 05:25:44.1:5.3, 35.46N:27.77E, h18km, 33km, mb4.1/29, mb1 4.2/39, mb1mx4.2/6.1, mbtmp4.2/39, ML3.9/9, MS3.7/26, Ms1 3.7/26, ms1mx3.6/4.5, Error ellipse: s-maj=14.1km s-min=9.7km az=161.0

ISC 29 05:25:42.4:0.7, 35.28N:0.03:27.84E:0.02, h9km, 4km, n544, c1864/619, mb4.5/77, MS3.7/21, 20C-7D, Dodecanese Islands

Main table for station data under Dodecanese Islands, including stations like KARP Karpathos, KARP Karpathos, KARP Karpathos, etc.

29d 5h

Table with columns for station code, name, frequency, and other technical details. Includes stations like BDRM, NPS Neapolis, ANAF, etc.

2012 SEP

Table with columns for station code, name, frequency, and other technical details. Includes stations like ATH Athens Observa, DID Didima, LKR Lokris, etc.

1536

Table with columns for station code, name, frequency, and other technical details. Includes stations like VTS Vitoshka, VTS Vitoshka, VTS Vitoshka, etc.

29d 7h

WHTX Lake Whitney,	15.86	4	ePn	Pn	07 14 52.6	-1.9
WHTX Lake Whitney,	15.86	4	eP	Pn	07 14 58.4	+0.2
341A Kurthwood	15.96	17	ePn	Pn	07 14 53.0	-2.9
341A Kurthwood	15.96	17	eP	Pn	07 14 58.1	-1.3
341A Kurthwood	15.96	17	P	Pn	07 14 52.8	-3.1
NATX Nacogdoches	16.00	12	ePn	Pn	07 14 54.3	-2.1
NATX Nacogdoches	16.00	12	eP	Pn	07 14 59.1	-0.8
444A Pine Grove	16.24	25	P	Pn	07 14 56.6	-2.7
342A Flagon Creek P	16.26	20	ePn	Pn	07 14 56.5	-3.2
342A Flagon Creek P	16.26	20	P	Pn	07 15 01.9	-0.7
342A Flagon Creek P	16.26	20	P	Pn	07 14 57.5	-2.1
343A Vidalia	16.41	22	P	Pn	07 14 59.5	-2.2
445A Amite	16.42	26	P	Pn	07 14 60.0	-1.7
240A Hunter Patters	16.47	15	ePn	Pn	07 14 59.9	-2.5
240A Hunter Patters	16.47	15	eP	Pn	07 15 04.2	-0.9
240A Hunter Patters	16.47	15	P	Pn	07 14 60.0	-2.5
ABTX Abilene, Hawle	16.48	357	ePn	Pn	07 15 00.9	-1.6
ABTX Abilene, Hawle	16.48	357	eP	Pn	07 15 05.4	+0.2
ABTX Abilene, Hawle	16.48	357	P	Pn	07 15 01.8	-0.7
241A Mo Tay, Galdon	16.68	17	ePn	Pn	07 15 01.9	-3.1
241A Mo Tay, Galdon	16.68	17	eP	Pn	07 15 05.8	-1.6
241A Mo Tay, Galdon	16.68	17	P	Pn	07 15 02.6	-2.5
MNTX Cornudas Mount	16.71	340	ePn	Pn	07 15 05.5	+0.1
MNTX Cornudas Mount	16.71	340	P	Pn	07 15 05.6	+0.1
WBCY West Bay, Gran	16.73	76	ePn	P	07 15 07.5	-0.4
CLNB Carlsbad	16.79	344	ePn	Pn	07 15 07.2	+0.7
GDLL Guadalupe Moun	16.86	343	ePn	Pn	07 15 07.9	+0.5
SRIG Santa Rosalia	16.86	314	ePn	P	07 15 10.1	+0.7
344A Westbrook Farm	16.89	24	ePn	Pn	07 15 05.0	-2.8
344A Westbrook Farm	16.89	24	P	Pn	07 15 03.9	-3.9
446A Poplarville	16.90	28	P	Pn	07 15 05.8	-2.0
PRVC Isla de Provid	16.91	97	eP	Pn	07 15 05.0	-3.0
242A Grayson	16.95	19	P	Pn	07 15 04.5	-3.9
243A Waterproof	17.00	21	P	Pn	07 15 05.1	-4.0
345A Thompson Farm,	17.05	26	P	Pn	07 15 06.1	-3.6
140A Cam and Jess,	17.09	15	ePn	Pn	07 15 09.3	-0.9
140A Cam and Jess,	17.09	15	P	Pn	07 15 08.3	-2.0
HSIG comp=Z,232nm,1.5s	17.16	321	ePn	P	07 15 12.7	0.0
EPT El Paso	17.18	337	ePn	Pn	07 15 11.6	+0.1
141A Papa Simpson,	17.23	16	P	Pn	07 15 08.7	-3.3
447A Lucedale	17.24	30	ePn	Pn	07 15 09.9	-2.2
447A Lucedale	17.24	30	P	Pn	07 15 09.1	-2.9
346A Big Creek Wild	17.36	27	ePn	Pn	07 15 11.0	-2.6
346A Big Creek Wild	17.36	27	P	Pn	07 15 09.6	-4.0
244A Avery, Jackson	17.44	23	P	Pn	07 15 11.7	-2.9
VBMS Vicksburg	17.66	23	ePn	Pn	07 15 14.1	-3.2
VBMS Vicksburg	17.66	23	P	Pn	07 15 14.8	-2.5
240A Long Farm, Mag	17.73	15	P	Pn	07 15 16.1	-2.0
245A Little AP, Sta	17.74	25	P	Pn	07 15 15.2	-3.1
448A Bay Minette	17.74	32	P	Pn	07 15 15.9	-2.4
143A Soes Landing,	17.78	20	ePn	Pn	07 15 16.6	-2.2
143A Soes Landing,	17.78	20	P	Pn	07 15 16.7	-2.0
347A Saraland	17.79	29	P	Pn	07 15 15.5	-3.5
241A Richard Creek	17.88	16	ePn	Pn	07 15 17.3	-2.7
241A Richard Creek	17.88	16	P	Pn	07 15 17.6	-2.4
449A Pace	17.94	34	P	Pn	07 15 18.5	-2.3
319A Douglas	18.05	329	eP	P	07 15 23.7	+1.0
144A Alexander Place	18.06	23	P	Pn	07 15 19.6	-2.6
348A Jackson	18.11	31	ePn	Pn	07 15 20.2	-2.6
348A Jackson	18.11	31	P	Pn	07 15 20.0	-2.8
242A Norrel Spur, H	18.14	18	P	Pn	07 15 20.6	-2.5
MSTX Muleshoe	18.18	349	ePn	Pn	07 15 22.5	-1.4
MSTX Muleshoe	18.18	349	P	Pn	07 15 22.7	-1.2
145A Houston Renfro	18.23	24	P	Pn	07 15 20.8	-3.4
243A Armstrong Fami	18.30	20	P	Pn	07 15 23.4	-1.7
247A Quitman	18.31	28	P	Pn	07 15 22.6	-2.6
450A Crestview	18.31	35	P	Pn	07 15 22.8	-2.5
BRAL Brewton	18.35	33	ePn	Pn	07 15 23.4	-2.4
BRAL Brewton	18.35	33	P	Pn	07 15 21.8	-4.0
121A Cookes Peak, D	18.35	335	P	Pn	07 15 27.1	+1.1
349A Repton	18.42	32	P	Pn	07 15 23.9	-2.7
Y40A Okolona	18.48	14	P	P	07 15 24.4	-2.8
Y41A Eaglette Beard	18.52	16	P	P	07 15 24.7	-2.9
WMOK Wichita Mounta	18.56	360	ePn	P	07 15 26.1	-2.1
WMOK Wichita Mounta	18.56	360	eP	P	07 15 26.1	-2.1
WMOK Wichita Mounta	18.56	360	P	P	07 15 26.2	-2.0
PAYG Puerto Ayora	18.59	153	eP	P	07 15 34.3	+5.5
146A Union	18.61	26	ePn	P	07 15 25.9	-2.8
146A Union	18.61	26	P	P	07 15 25.1	-3.6
244A Pea Ridge, Bel	18.64	22	P	P	07 15 26.2	-2.8
451A Vernon	18.64	37	ePn	P	07 15 26.5	-2.6
451A Vernon	18.64	37	P	P	07 15 25.8	-3.3
Y42A Garnett, Star	18.71	18	P	P	07 15 27.7	-2.0
248A Dixon Mills	18.75	30	P	P	07 15 28.6	-1.6
X39A Fountain Ranch	18.78	12	P	P	07 15 28.3	-2.2
CCAR Cane Creek	18.79	18	eP	P	07 15 29.5	-1.1
AMTX Amarillo	18.91	352	eP	P	07 15 31.4	-0.7
AMTX Amarillo	18.91	352	P	P	07 15 31.2	-0.8
MIAR Mount Ida	18.92	13	eP	P	07 15 29.9	-2.2
MIAR Mount Ida	18.92	13	eP	P	07 15 29.9	-2.2

2012 SEP

MIAR comp=Z,111nm,1.1s	18.92	13	P	P	07 15 30.3	-1.8
350A Mount Ida	18.92	34	P	P	07 15 30.3	-1.7
249A Camden	18.95	31	P	P	07 15 29.7	-2.7
059Z Ave Maria	18.96	55	P	P	07 15 30.0	-2.6
147A Livingston	18.98	28	eP	P	07 15 30.5	-2.3
147A Livingston	18.98	28	P	P	07 15 30.7	-2.1
Z45A Winona	19.00	24	eP	P	07 15 31.0	-2.0
Z45A Winona	19.00	24	P	P	07 15 30.5	-2.5
X40A Basin Creek Fa	19.04	15	eP	P	07 15 31.3	-2.0
X40A Basin Creek Fa	19.04	15	P	P	07 15 30.9	-2.5
058A Arcadia	19.04	52	P	P	07 15 31.3	-2.1
Y43A Makayla and Ka	19.05	20	P	P	07 15 30.9	-2.5
X41A Kaden, Bauxite	19.12	16	P	P	07 15 33.5	-0.9
553A Crawfordville	19.13	40	P	P	07 15 31.6	-2.8
Z46A Louisville	19.14	25	P	P	07 15 32.6	-1.9
452A Marianna	19.14	38	P	P	07 15 33.8	-0.7
351A Pinckard	19.22	36	P	P	07 15 32.9	-2.5
148A Greensboro	19.28	29	P	P	07 15 34.7	-1.3
Y44A Strider, Charl	19.34	22	P	P	07 15 35.1	-1.6
BNN Barren Site	19.37	340	eP	Pn	07 15 38.5	+0.1
857A Zephyrus	19.39	49	P	P	07 15 35.5	-1.8
250A Grady	19.39	33	eP	P	07 15 36.2	-1.1
250A Grady	19.39	33	P	P	07 15 35.2	-2.1
PNME Penonome	19.40	111	eP	P	07 15 31.6	-5.9
Y22D IRIS PASSCAL I	19.40	339	eP	Pn	07 15 41.1	+2.5
Y22D IRIS PASSCAL I	19.40	339	P	Pn	07 15 39.0	+0.3
X42A Stuttgart	19.42	18	P	P	07 15 35.8	-1.8
655A Horseshoe Beac	19.43	44	P	P	07 15 36.5	-1.3
UALR University of	19.43	16	eP	P	07 15 36.2	-1.5
Y45A Yeager Farm, C	19.49	23	P	P	07 15 37.0	-1.4
LENM Lemitar	19.50	339	eP	Pn	07 15 40.1	+0.2
059A Moore Haven	19.50	53	eP	P	07 15 38.7	+0.1
W39A Magazine	19.51	12	eP	P	07 15 37.8	-0.7
W39A Magazine	19.51	12	P	P	07 15 37.4	-1.1
LPM Los Pinos Moun	19.52	340	eP	Pn	07 15 40.4	+0.3
Z47A Carrollton	19.52	27	P	P	07 15 36.8	-1.9
554A Perry	19.52	42	P	P	07 15 36.2	-2.6
TUC Tucson	19.56	328	eP	Pn	07 15 40.9	+0.4
TUC Tucson	19.56	328	eP	Pn	07 15 40.9	+0.4
TUC Tucson	19.56	328	P	Pn	07 15 39.9	-0.6
BCIP Isla Barro Col	19.57	108	eP	Pn	07 15 43.0	+2.3
BCIP Isla Barro Col	19.57	108	eP	P	07 15 37.6	-1.8
X43A Marvell	19.62	19	eP	P	07 15 39.1	-0.6
X43A Marvell	19.62	19	P	P	07 15 38.3	-1.4
149A Jones	19.62	31	P	P	07 15 37.9	-1.8
W40A Ferguson Farm,	19.66	14	P	P	07 15 39.0	-1.1
W40A Ferguson Farm,	19.66	14	P	P	07 15 38.7	-1.4
453A Whigham	19.66	39	eP	Pn	07 15 41.2	-0.4
453A Whigham	19.66	39	P	Pn	07 15 38.1	-2.1
050Z West Palm Beac	19.69	56	P	P	07 15 38.0	-2.5
352A Blakely	19.75	37	eP	P	07 15 40.8	-0.5
352A Blakely	19.75	37	P	P	07 15 38.7	-2.5
LAZ Ladron	19.77	339	eP	Pn	07 15 43.3	+0.2
Y46A Houston	19.77	25	P	P	07 15 39.8	-1.6
656A Williston	19.83	45	eP	P	07 15 41.0	-1.1
656A Williston	19.83	45	P	P	07 15 39.1	-3.0
W41B Gary Mavity, V	19.84	16	eP	P	07 15 40.7	-1.4
W41B Gary Mavity, V	19.84	16	P	P	07 15 40.8	-1.3
X44A Crenshaw	19.84	21	P	P	07 15 40.5	-1.6
LRAL Lakeview Retre	19.88	30	eP	P	07 15 41.2	-1.4
LRAL Lakeview Retre	19.88	30	P	P	07 15 41.0	-1.6
DWPF Disney Wildern	19.88	50	eP	P	07 15 40.7	-2.0
DWPF Disney Wildern	19.88	50	P	P	07 15 40.3	-2.3
TUL1 Leonard	19.89	7	eP	P	07 15 41.6	-1.2
TUL1 Leonard	19.89	7	P	P	07 15 41.5	-1.2
757A Oxford	19.90	47	P	P	07 15 39.6	-3.2
Z48A Northport	19.90	28	P	P	07 15 41.2	-1.6
UPA Univ. de Panam	19.92	109	eP	Pn	07 15 48.2	+3.4
WHAR Woolly Hollow	19.94	15	eP	P	07 15 42.1	-1.1
251A Midway	19.94	35	P	P	07 15 41.5	-1.8

1541

GLAT	Glass	21.74	21	eP	P	07 16 01.3	-1.4
V46A	Holladay	21.75	24	P	P	07 16 00.5	-2.3
U44B	Burton	21.78	21	P	P	07 16 01.6	-1.5
U44A	Portageville	21.82	20	P	P	07 16 01.4	-2.1
357A	Townsend	21.83	43	P	P	07 16 04.2	+0.5
PBMO	Poplar Bluff	21.84	18	eP	P	07 16 01.8	-2.0
S38A	Stockton	21.85	10	P	P	07 16 02.2	-1.7
Z53A	Monticello	21.86	36	P	P	07 16 01.9	-2.1
T42A	Van Buren	21.89	16	eP	P	07 16 02.5	-1.8
T42A	Van Buren	21.89	16	P	P	07 16 02.7	-1.6
W49A	Belvidere	21.94	28	P	P	07 16 03.0	-1.8
256A	Glenville	21.94	41	P	P	07 16 02.9	-2.0
PARMO	Parma	21.95	19	eP	P	07 16 03.3	-1.6
U45A	Rockin P Farm	21.99	22	P	P	07 16 04.2	-1.2
V47A	Nunnely	22.00	25	P	P	07 16 03.5	-2.0
GOGA	Godfrey	22.01	36	eP	P	07 16 03.8	-1.8
GOGA	Godfrey	22.01	36	eP	pmx	07 16 03.8	-1.8
GOGA	Godfrey	22.01	36	P	P	07 16 03.5	-2.1
S39A	Bolivar	22.01	11	eP	P	07 16 03.9	-1.7
153A	Bolivar	22.01	11	P	P	07 16 04.0	-1.7
S59A	Kite	22.02	39	P	P	07 16 03.5	-2.3
Y52A	Liburn	22.02	34	eP	P	07 16 04.0	-1.8
Y52A	Liburn	22.02	34	P	P	07 16 03.9	-1.8
CAPC	Capurgana	22.05	107	eP	P	07 16 05.8	-0.4
WVT	Waverly	22.15	24	eP	P	07 16 04.9	-2.2
WVT	Waverly	22.15	24	eP	pmx	07 16 04.9	-2.2
WVT	Waverly	22.15	24	P	P	07 16 04.9	-2.2
X51A	Calhoun	22.16	31	eP	P	07 16 04.3	-2.9
X51A	Calhoun	22.16	31	P	P	07 16 04.7	-2.5
SWET	Sewanee	22.17	28	eP	P	07 16 05.6	-1.8
T43A	Greenville	22.17	18	P	P	07 16 05.3	-2.0
U46A	Springville	22.22	23	P	P	07 16 05.9	-1.9
V48A	Smith Brothers	22.22	26	eP	P	07 16 06.0	-1.8
V48A	Smith Brothers	22.22	26	P	P	07 16 06.2	-1.7
Z54A	Sparta	22.24	37	P	P	07 16 05.7	-2.4
S41A	Jilco Farms	22.25	15	P	P	07 16 06.6	-1.6
Y53A	Monroe	22.28	35	P	P	07 16 06.4	-2.1
GLA	Glamis	22.36	322	eP	P	07 16 11.0	+1.6
GLA	Glamis	22.36	322	eP	LR	07 16 11.0	+1.6
GLA	Glamis	22.36	322	eP	pmx	07 16 11.0	+1.6
GLA	Glamis	22.36	322	eP	MLR	07 16 11.0	+1.6
GLA	Glamis	22.36	322	P	P	07 16 10.6	+1.2
T44A	Benton	22.39	19	P	P	07 16 07.6	-2.0
R38A	Fenwick Farm	22.39	10	P	P	07 16 07.3	-2.4
SDCO	Great Sand Dun	22.40	346	eP	P	07 16 10.3	+0.2
SDCO	Great Sand Dun	22.40	346	LR	LR		
SDCO	Great Sand Dun	22.40	346	P	P	07 16 10.1	-0.1
W50A	Signal Mountai	22.45	30	eP	P	07 16 08.8	-1.5
W50A	Signal Mountai	22.45	30	P	P	07 16 08.2	-2.1
WUAZ	Wupatki	22.45	332	eP	P	07 16 12.2	+1.7
WUAZ	Wupatki	22.45	332	LR	LR		
WUAZ	Wupatki	22.45	332	P	P	07 16 12.3	+1.7
257A	Skidaway Islan	22.49	42	eP	P	07 16 07.4	-3.4
257A	Skidaway Islan	22.49	42	P	P	07 16 07.9	-2.9
U47A	Clarksville	22.49	24	P	P	07 16 09.7	-2.5
T45A	Paducah	22.64	21	eP	P	07 16 11.0	-1.3
T45A	Paducah	22.64	21	P	P	07 16 10.3	-2.0
156A	Sylvania	22.64	40	P	P	07 16 10.1	-2.2
V49A	McMinnville	22.64	28	P	P	07 16 10.2	-2.2
Z55A	Blythe	22.64	38	P	P	07 16 10.0	-2.4
CBKS	Cedar Bluff	22.65	358	eP	P	07 16 11.8	-0.7
CBKS	Cedar Bluff	22.65	358	eP	pmx	07 16 11.8	-0.7
CBKS	Cedar Bluff	22.65	358	P	P	07 16 10.5	-2.0
S42A	Caledonia	22.67	16	P	P	07 16 10.2	-2.4
W51A	Cleveland	22.68	31	P	P	07 16 10.4	-2.4
X52A	Dahlonega	22.68	33	P	P	07 16 10.9	-2.0
Y12C	Blythe	22.68	324	eP	P	07 16 14.2	+1.3
Y12C	Blythe	22.68	324	LR	LR		
Y12C	Blythe	22.68	324	P	P	07 16 13.7	+0.9
S43A	Fulton Ridge	22.68	18	P	P	07 16 10.2	-2.7
S22A	4UR Ranch, Cre	22.75	343	eP	P	07 16 14.7	+0.9
S22A	4UR Ranch, Cre	22.75	343	LR	LR		
S22A	4UR Ranch, Cre	22.75	343	P	P	07 16 14.8	+0.9
MVCO	Mesa Verde	22.78	339	eP	P	07 16 14.7	+0.7
MVCO	Mesa Verde	22.78	339	LR	LR		
Y54A	Tignall	22.78	36	P	P	07 16 11.1	-2.8
IKP	In-Ko-Pah, Jac	22.86	31	P	P	07 16 16.2	+1.4
SWSC	Sam W. Stewart	22.87	320	P	P	07 16 16.0	+1.2
PDMCI	Parker Dam, Lak	22.88	325	P	P	07 16 15.3	+0.5
X53A	Estanollee	22.92	34	P	P	07 16 12.9	-2.4
T46A	Princeton	22.93	22	P	P	07 16 13.4	-1.9
V50A	Pikeville	22.93	29	P	P	07 16 13.5	-1.9

2012 SEP

KSU1	Kansas State U	22.98	4	eP	P	07 16 14.2	-1.8
KSU1	Kansas State U	22.98	4	P	P	07 16 14.0	-1.9
U48A	Cassie Pea, Po	22.99	26	P	P	07 16 13.8	-2.2
R41A	Rosebud	23.02	15	P	P	07 16 14.0	-2.3
CPCT	Cooper Cave	23.03	31	eP	P	07 16 14.1	-2.3
W52A	Murphy	23.04	32	eP	P	07 16 15.3	-1.3
W52A	Murphy	23.04	32	P	P	07 16 14.8	-1.8
S44A	Carbondale	23.05	19	P	P	07 16 14.4	-2.2
SIUC	Southern Illin	23.08	19	eP	P	07 16 15.2	-1.8
KSCO	Kaye Shedlock	23.10	352	eP	P	07 16 17.2	0.0
KSCO	Kaye Shedlock	23.10	352	LR	LR		
R42A	Luebbering	23.15	16	P	P	07 16 15.3	-2.4
BC3	Big Chuckawall	23.15	322	P	P	07 16 18.8	+1.0
T47A	Sharon Grove	23.18	24	eP	P	07 16 15.8	-2.1
T47A	Sharon Grove	23.18	24	P	P	07 16 15.8	-2.1
Q38A	Cooks Store, C	23.20	10	P	P	07 16 16.0	-2.1
MONP2	Moment Peak	23.22	319	P	P	07 16 19.8	+1.2
BAR	Barrett	23.24	319	eP	P	07 16 20.5	+1.8
BAR	Barrett	23.24	319	LR	LR		
S45A	Carrier Mills	23.25	21	P	P	07 16 16.8	-1.9
HODGE	Hodges	23.29	36	eP	P	07 16 17.5	-1.6
U49A	Red Boiling Sp	23.32	27	P	P	07 16 17.4	-2.0
IRM	Iron Mountain	23.33	323	P	P	07 16 20.8	+1.3
W13A	Huapil Mount	23.34	327	eP	P	07 16 21.3	+1.4
R43A	Red Bud	23.38	17	P	P	07 16 17.7	-2.2
V51A	Loudon	23.39	30	eP	P	07 16 18.1	-2.1
V51A	Loudon	23.39	30	P	P	07 16 18.3	-1.8
NEE2	Needles Airpor	23.48	325	P	P	07 16 22.5	+1.4
Q24A	Divide	23.49	347	eP	P	07 16 21.8	+0.4
Q24A	Divide	23.49	347	LR	LR		
Q24A	Divide	23.49	347	P	P	07 16 21.2	-0.2
W53A	Cullowhee	23.50	33	P	P	07 16 19.8	-1.5
MOTC	Monterey, Cor	23.55	105	eP	P	07 16 17.5	-4.4
S46A	Don Dixon Farm	23.56	22	P	P	07 16 20.8	-1.0
TKL	Tuckaleechee C	23.56	31	P	P	07 16 20.1	-1.8
TKL	Tuckaleechee C	23.56	31	pmx	pmx	07 16 20.0	-1.8
TKL	Tuckaleechee C	23.56	31	P	P	07 16 20.0	-1.8
T48A	Bowling Green	23.57	25	P	P	07 16 19.9	-1.9
R44A	Waltonville	23.61	19	P	P	07 16 20.4	-1.8
U15A	North Rim	23.62	332	eP	P	07 16 24.2	+1.5
U15A	North Rim	23.62	332	LR	LR		
RGRS	Roger Stewart	23.63	42	eP	P	07 16 22.0	-0.4
SLM	Saint Louis	23.63	17	eP	P	07 16 22.1	-0.3
SLM	Saint Louis	23.63	17	eP	pmx	07 16 22.1	-0.3
PV01	Paradox Valley	23.64	340	eP	P	07 16 23.8	+1.0
109C	Camp Elliot, M	23.65	318	P	P	07 16 23.8	+1.1
CPE	Camp Elliot	23.65	318	eP	LR	07 16 23.0	+0.3
U50A	Janey	23.66	29	P	P	07 16 20.5	-2.3
Q41A	Truxton	23.68	14	P	P	07 16 20.7	-2.1
BELC	Belle Mtn, Jos	23.72	322	P	P	07 16 24.6	+1.1
TPFO	Pinon Flats	23.72	321	P	P	07 16 24.5	+1.0
XPFO	Pleaton Flat	23.72	321	eP	LR	07 16 25.0	+1.5
PFO	Pinyon Flats O	23.73	321	eP	LR	07 16 25.1	+1.5
PFO	Pinyon Flats O	23.73	321	eP	pmx	07 16 25.1	+1.5
PFO	Pinyon Flats O	23.73	321	MLR	MLR		
PFO	Pinyon Flats O	23.73	321	P	P	07 16 24.9	+1.3
FRD	Ford Ranch, An	23.74	320	P	P	07 16 25.0	+1.3
PV13	Radium Mtn., P	23.74	340	eP	P	07 16 24.5	+0.7
PV13	Radium Mtn., P	23.74	340	LR	LR		
CSU	Charleston Sou	23.76	42	eP	P	07 16 23.1	-0.5
PV02	Paradox Valley	23.76	340	eP	P	07 16 24.9	+0.9
PV05	Paradox Valley	23.76	339	eP	P	07 16 24.5	+0.5
NHSC	New Hope	23.77	41	eP	P	07 16 22.5	-1.3
NHSC	New Hope	23.77	41	P	P	07 16 22.4	-1.4
S47A	Hard	23.80	24	P	P	07 16 22.1	-2.0
V52A	Sevierville	23.80	31	eP	P	07 16 22.6	-1.5
V52A	Sevierville	23.80	31	P	P	07 16 22.5	-1.6
Q42A	Golden Eagle	23.81	16	P	P	07 16 22.5	-1.7
USIN	University of	23.83	22	eP	P	07 16 23.3	-1.1
PV03	Paradox Valley	23.84	340	eP	P	07 16 25.4	+0.7
PV18	Skein Mesa, P	23.85	340	eP	P	07 16 25.5	+0.7
PV18	Skein Mesa, P	23.85	340	LR	LR		
PV12	Saucer Basin,	23.88	340	eP	P	07 16 26.0	+0.9
PV12	Saucer Basin,	23.88	340	LR	LR		
PV11	David Mesa, Pa	23.89	340	eP	P	07 16 25.9	+0.7
PV11	David Mesa, Pa	23.89	340	LR	LR		
PV17	East Wray Mesa	23.90	340	eP	P	07 16 25.9	+0.6
PV17	East Wray Mesa	23.90	340	LR	LR		
JSC	Jenkinsville	23.91	38	eP	P	07 16 23.2	-1.9
JSC	Jenkinsville	23.91	38	eP	pmx	07 16 23.2	-1.9
JSC	Jenkinsville	23.91	38	pmx	pmx		

29d 7h

R45A	Skyler, Fairri	23.91	20	P	P	07 16 23.7	-1.5
PV16	Nyswonger Mesa	23.91	340	eP	P	07 16 26.1	+0.7
PV16	Nyswonger Mesa	23.91	340	LR	LR		
T49A	Edmonton	23.92	27	eP	P	07 16 23.5	-1.8
T49A	Edmonton	23.92	27	P	P	07 16 23.4	-1.8
PV19	Morning Glory	23.93	340	eP	P	07 16 25.9	+0.2
PV19	Morning Glory	23.93	340	LR	LR		
PV20	West Nyswonger	23.96	340	eP	P	07 16 26.2	+0.4
PV20	West Nyswonger	23.96	340	LR	LR		
PAULI	Pauline	23.97	36	eP	P	07 16 24.6	-1.1
LDF							

29d 7h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like T52A, GSC, MWC, O42A, etc.

2012 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MPMC, Q50A, PSUT, N43A, etc.

1542

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TCUT, O50A, K22A, M46A, etc.

1543

HVU	comp=Z,45nm,1.0s	MLR	MLR		
R5B8	comp=Z,3um,20.0s baz=225	28.43	36	P	07 17 04.6 -1.4
RYN	comp=Z,39nm,1.2s	28.45	326	eP	07 17 08.1 +1.8
RYN	comp=Z,3um,18.0s			LR	LR
N51A	comp=Z,124nm,1.5s	28.46	26	eP	07 17 04.7 -1.5
N51A	comp=Z,214,SNR=7.4	28.46	26	P	07 17 04.6 -1.6
BBG5	comp=Z,20.0nm,0.9s	28.50	320	eP	07 17 12.3 +5.5
BBG6	comp=Z,20.0nm,0.9s	28.51	23	P	07 20 20.5 +2.0
L48A	comp=Z,21.0nm,1.1s	28.51	23	P	07 17 05.3 -1.4
I40A	comp=Z,209,SNR=18	28.53	12	P	07 17 05.8 -1.1
KVN	comp=Z,41nm,1.2s	28.53	327	eP	07 17 08.8 +1.7
KVN	comp=Z,1um,18.0s			LR	LR
KVN	comp=Z,41nm,1.2s	28.53	327	eP	07 17 08.8 +1.7
KVN	comp=Z,1um,18.0s			LR	LR
KVN	comp=Z,41nm,1.2s			MLR	MLR
J43A	comp=Z,1um,18.0s baz=200,SNR=15	28.55	16	P	07 17 06.3 -0.7
M50A	comp=Z,104nm,1.4s	28.58	25	eP	07 17 05.9 -1.4
M50A	comp=Z,212	28.58	25	P	07 17 05.8 -1.5
MCWV	comp=Z,30nm,0.9s	28.63	31	eP	07 17 07.0 -0.8
MCWV	comp=Z,220,SNR=7.7	28.63	31	P	07 17 07.0 -0.8
AHID	comp=Z,31nm,1.1s	28.65	341	eP	07 17 08.5 +0.4
AHID	comp=Z,1um,20.0s			LR	LR
K46A	comp=Z,206,SNR=11	28.69	20	P	07 17 06.9 -1.4
I41A	comp=Z,125nm,1.6s	28.84	13	eP	07 17 08.8 -0.8
I41A	comp=Z,197,SNR=9.6	28.84	13	P	07 17 08.8 -0.8
WAKR	comp=Z,27nm,1.2s	28.86	325	eP	07 17 10.9 +0.9
WAKR	comp=Z,1um,20.0s			LR	LR
SAO	comp=Z,800nm,20.0s	28.87	320	eP	07 17 11.5 +1.5
SAO	comp=Z,22nm,1.2s			MLR	MLR
SAO	comp=Z,800nm,20.0s	28.87	320	eP	07 17 11.5 +1.5
SAO	comp=Z,22nm,1.2s			MLR	MLR
M51A	comp=Z,214	28.88	26	P	07 17 08.3 -1.6
CBN	comp=Z,60nm,1.4s	28.89	36	eP	07 17 09.1 -1.0
L49A	comp=Z,210,SNR=6.2	28.90	23	P	07 17 09.0 -1.1
I42A	comp=Z,199,SNR=12	28.91	15	P	07 17 08.8 -1.4
I42A	comp=Z,208,SNR=11.5	28.91	15	P	07 17 09.3 -0.9
K47A	comp=Z,208,SNR=11.5	28.94	21	P	07 17 08.9 -1.5
H38A	comp=Z,192	28.99	9	P	07 17 10.0 -0.9
CMB	comp=Z,13nm,1.1s	29.07	323	eP	07 17 12.9 +1.1
CMB	comp=Z,1um,18.0s			LR	LR
CMB	comp=Z,13nm,1.1s	29.07	323	eP	07 17 12.9 +1.1
CMB	comp=Z,1um,18.0s			LR	LR
YERR	comp=Z,90nm,1.8s	29.09	326	eP	07 17 13.4 +1.2
YERR	comp=Z,4um,19.0s			LR	LR
I43A	comp=Z,194,SNR=12	29.09	16	P	07 17 11.3 -0.5
AAM	comp=Z,228nm,1.8s	29.11	23	eP	07 17 10.4 -1.6
AAM	comp=Z,228nm,1.8s	29.11	23	eP	07 17 10.4 -1.6
AAM	comp=Z,229nm,1.8s	29.11	23	P	07 17 10.7 -1.3
REDW	comp=Z,210	29.11	341	eP	07 17 12.0 -0.3
BMN	comp=Z,43nm,1.5s	29.14	330	eP	07 17 13.8 +1.3
BMN	comp=Z,3um,21.0s			LR	LR
BMN	comp=Z,43nm,1.5s	29.14	330	eP	07 17 13.8 +1.3
BMN	comp=Z,3um,21.0s			LR	LR
H39A	comp=Z,194,SNR=12	29.16	11	P	07 17 11.6 -0.8
J45A	comp=Z,55nm,1.3s	29.18	18	P	07 17 11.5 -1.0
TPAW	comp=Z,63nm,1.3s	29.25	341	eP	07 17 13.8 +0.2
TPAW	comp=Z,500nm,21.0s			LR	LR
LOHW	comp=Z,43nm,1.0s	29.26	342	eP	07 17 14.5 +0.9
LOHW	comp=Z,6um,19.0s			LR	LR
H40A	comp=Z,196,SNR=18	29.27	12	P	07 17 12.7 -0.7
J46A	comp=Z,206,SNR=6.6	29.33	20	P	07 17 12.9 -1.1
PNTR	comp=Z,55nm,1.3s	29.36	325	eP	07 17 16.6 +2.0
PNTR	comp=Z,900nm,22.0s			LR	LR
K48A	comp=Z,209,SNR=15	29.37	22	P	07 17 12.7 -1.6
FXWY	comp=Z,33nm,1.3s	29.41	341	eP	07 17 15.8 +0.9
H41A	comp=Z,2um,22.0s	29.42	13	eP	07 17 14.1 -0.6
H41A	comp=Z,2um,22.0s	29.42	13	P	07 17 14.0 -0.8
MOOW	comp=Z,31nm,1.3s	29.43	342	eP	07 17 15.0 -0.1
MOOW	comp=Z,4um,18.0s			LR	LR
SPMN	comp=Z,30nm,0.8s	29.45	8	eP	07 17 14.0 -1.0
SPMN	comp=Z,2um,18.0s			LR	LR
SPMN	comp=Z,30nm,0.8s	29.45	8	P	07 17 13.9 -1.0
J47A	comp=Z,191,SNR=17	29.50	21	P	07 17 14.8 -0.7
VCNR	comp=Z,60nm,1.5s	29.53	326	eP	07 17 17.7 +1.6
VCNR	comp=Z,500nm,21.0s			LR	LR
G38A	comp=Z,193,SNR=9.8	29.54	10	P	07 17 14.3 -1.4
N54A	comp=Z,192nm,2.0s	29.57	29	eP	07 17 15.4 -0.7
N54A	comp=Z,218,SNR=5.6	29.57	29	P	07 17 14.9 -1.2
H42A	comp=Z,32nm,1.1s	29.58	15	eP	07 17 15.3 -0.9
H42A	comp=Z,200,SNR=8	29.58	15	P	07 17 15.3 -0.9
IMW	comp=Z,88nm,2.0s	29.62	342	eP	07 17 17.0 +0.1
IMW	comp=Z,3um,19.0s			LR	LR

2012 SEP

RUBR	comp=Z,124nm,1.2s	29.64	325	eP	07 17 19.6 +2.6
RUBR	comp=Z,2um,19.0s			LR	LR
PAHR	comp=Z,45nm,1.4s	29.69	326	eP	07 17 19.0 +1.6
PAHR	comp=Z,2um,18.0s			LR	LR
FLWY	comp=Z,34nm,1.1s	29.72	342	eP	07 17 18.7 +1.0
FLWY	comp=Z,900nm,20.0s			LR	LR
O56A	comp=Z,27nm,1.4s	29.73	32	eP	07 17 16.8 -0.9
O56A	comp=Z,27nm,1.4s	29.73	32	P	07 17 16.7 -0.9
H43A	comp=Z,277nm,0.9s	29.74	16	eP	07 17 17.1 -0.5
H43A	comp=Z,277nm,0.9s	29.74	16	P	07 17 16.3 -1.2
G39A	comp=Z,194,SNR=20	29.77	11	P	07 17 16.8 -1.0
G40A	comp=Z,36nm,1.0s	29.93	12	eP	07 17 18.1 -1.2
G40A	comp=Z,1um,18.0s			LR	LR
G40A	comp=Z,1um,18.0s	29.93	12	P	07 17 18.0 -1.2
F37A	comp=Z,193,SNR=13	29.96	8	P	07 17 18.4 -1.1
H17A	comp=Z,51nm,1.7s	29.97	343	eP	07 17 20.8 +0.8
H17A	comp=Z,13um,18.0s			LR	LR
H17A	comp=Z,13um,18.0s	29.97	343	P	07 17 21.3 +1.3
AFDM	comp=Z,17nm,1.2s	30.03	324	eP	07 17 21.3 +1.0
LKWY	comp=Z,32nm,1.2s	30.07	343	eP	07 17 21.4 +0.5
LKWY	comp=Z,14um,20.0s			LR	LR
LKWY	comp=Z,32nm,1.2s	30.07	343	eP	07 17 21.4 +0.5
LKWY	comp=Z,14um,20.0s			MLR	MLR
G41A	comp=Z,198,SNR=10	30.09	13	P	07 17 19.9 -0.8
MPR	comp=Z,900nm,19.0s	30.14	81	PFAKE	07 17 30.0 +8.6
MPR	comp=Z,180nm,1.8s			LR	LR
M54A	comp=Z,180nm,1.8s	30.14	29	eP	07 17 20.5 -0.7
M54A	comp=Z,180nm,1.8s	30.14	29	P	07 17 20.2 -1.1
YNR	comp=Z,31nm,1.3s	30.29	343	eP	07 17 23.9 +1.1
YNR	comp=Z,6um,19.0s			LR	LR
RLMT	comp=Z,55nm,1.1s	30.29	345	eP	07 17 22.8 +0.1
RLMT	comp=Z,55nm,1.1s	30.29	345	P	07 17 22.9 +0.1
G42A	comp=Z,72nm,1.3s	30.30	14	eP	07 17 21.6 -0.9
G42A	comp=Z,2um,18.0s			LR	LR
G42A	comp=Z,199,SNR=11	30.30	14	P	07 17 21.6 -0.9
F38A	comp=Z,192,SNR=9.9	30.30	9	P	07 17 21.3 -1.3
BEKR	comp=Z,33nm,1.2s	30.32	326	eP	07 17 24.9 +1.8
BEKR	comp=Z,2um,18.0s			LR	LR
YMR	comp=Z,63nm,1.2s	30.33	342	eP	07 17 24.1 +1.1
YMR	comp=Z,3um,20.0s			LR	LR
SSPA	comp=Z,16nm,1.3s	30.35	32	eP	07 17 22.4 -0.6
SSPA	comp=Z,16nm,1.3s	30.35	32	P	07 17 21.6 -1.4
YHH	comp=Z,25nm,1.2s	30.41	343	eP	07 17 24.4 +0.6
YHH	comp=Z,4um,20.0s			LR	LR
F39A	comp=Z,191,SNR=11	30.42	11	P	07 17 22.0 -1.6
YHB	comp=Z,17nm,1.2s	30.47	342	eP	07 17 25.2 +0.9
YHB	comp=Z,3um,18.0s			LR	LR
ERPA	comp=Z,700nm,21.0s	30.48	28	PFAKE	07 17 40.0 +1.6
ERPA	comp=Z,217			LR	LR
ERPA	comp=Z,700nm,21.0s	30.48	28	P	07 17 22.3 -1.8
G43A	comp=Z,36nm,1.2s	30.49	15	eP	07 17 22.5 -1.6
G43A	comp=Z,201	30.49	15	P	07 17 22.9 -1.2
HLID	comp=Z,14nm,0.9s	30.50	337	eP	07 17 24.2 -0.3
HLID	comp=Z,700nm,22.0s			LR	LR
HLID	comp=Z,148,SNR=15	30.50	337	P	07 17 24.5 0.0
ATAH	comp=Z,1um,19.4s,baz=321,slo=32	30.56	138	LR	07 27 17.3
F40A	comp=Z,196,SNR=9.6	30.57	12	P	07 17 24.0 -0.9
F41A	comp=Z,33nm,1.4s	30.61	13	eP	07 17 23.4 -1.9
F41A	comp=Z,900nm,20.0s			LR	LR
F41A	comp=Z,33nm,1.4s	30.61	13	P	07 17 23.6 -1.6
QLMT	comp=Z,32nm,1.3s	30.62	342	eP	07 17 26.9 +1.3
MCCM	comp=Z,2um,18.0s	30.63	321	PFAKE	07 17 40.0 +1.5
MCCM	comp=Z,2um,18.0s	30.63	321	LR	LR
OBIP	comp=Z,200nm,20.0s	30.65	82	PFAKE	07 17 40.0 +1.4
OBIP	comp=Z,32nm,1.3s			LR	LR
ORV	comp=Z,2um,18.0s	30.74	324	eP	07 17 28.4 +2.0
ORV	comp=Z,2um,18.0s	30.74	324	LR	LR
F42A	comp=Z,34nm,1.1s	30.85	14	P	07 17 26.1 -1.3
E39A	comp=Z,195,SNR=14	30.93	11	P	07 17 26.5 -1.6
COWI	comp=Z,26nm,0.9s	30.95	13	eP	07 17 27.5 -0.7
COWI	comp=Z,700nm,22.0s			LR	LR
GLMI	comp=Z,87nm,0.9s	30.98	20	eP	07 17 27.2 -1.3
GLMI	comp=Z,1um,18.0s			LR	LR
GLMI	comp=Z,87nm,0.9s	30.98	20	P	07 17 27.3 -1.3
E38A	comp=Z,193,SNR=9.9	30.98	9	eP	07 17 27.7 -0.8
E38A	comp=Z,1um,19.0s			LR	LR
E38A	comp=Z,1um,19.0s	30.98	9	P	07 17 27.3 -1.2
GDXM	comp=Z,16nm,1.2s	31.00	322	eP	07 17 30.4 +1.5
GDXM	comp=Z,5um,18.0s			LR	LR
GCMT	comp=Z,31nm,1.3s	31.02	345	eP	07 17 29.9 +0.9
MCMT	comp=Z,31nm,1.3s	31.06	340	eP	07 17 31.5 +2.0
SJG	comp=Z,7.2nm,0.5s,baz=270,slo=5.4,SNR=5.8	31.08	82	P	07 17 28.2 -1.5
SJG	comp=Z,31nm,1.0s	31.08	82	eP	07 17 28.2 -1.5

29d 7h

PAL	Palisades	32.75	36	P	P	07 17 42.8	-1.3
KHMM	Horse Mountain	32.89	324	eP	P	07 17 47.2	+1.6
KHMM	comp-Z,54nm,1.1s			LR	LR		
YBH	Yreka Blue Hor	32.90	326	eP	P	07 17 45.1	-0.5
YBH	comp-Z,43nm,2.0s			LR	LR		
YBH	Yreka Blue Hor	32.90	326	eP	P	07 17 45.1	-0.5
YBH	comp-Z,11m,19.0s			LR	LR		
YBH	Yreka Blue Hor	32.90	326	eP	P	07 17 45.1	-0.5
YBH	comp-Z,43nm,2.0s			LR	LR		
SADO	Sadowa	32.97	26	eP	P	07 17 44.6	-1.4
SADO	comp-Z,132nm,1.9s			LR	LR		
SADO	comp-Z,800nm,22.0s			LR	LR		
KLBO	Killbear Provi	33.02	24	P	P	07 17 45.4	-1.0
JCC	Jacoby Creek	33.02	323	PFAKE	LR	07 18 00.0	+1.3
L04D	Klamath Falls	33.03	327	P	P	07 17 46.6	-0.2
K04D	Chiloquin, OR	33.03	328	P	P	07 17 47.5	+0.8
I07A	Izeze	33.04	332	eP	P	07 17 47.2	+0.5
EGMT	Eagleton	33.13	346	eP	P	07 17 48.0	+0.5
EGMT	comp-Z,253nm,2.0s			LR	LR		
EGMT	Eagleton	33.13	346	P	P	07 17 47.4	-0.1
MSO	Missoula	33.18	341	eP	P	07 17 48.5	+0.5
MSO	comp-Z,14nm,0.9s			LR	LR		
MSO	Missoula	33.18	341	P	P	07 17 47.9	-0.1
J05D	Fort Rock, OR	33.25	329	P	P	07 17 49.2	+0.5
BUKO	Buck Lake	33.41	25	P	P	07 17 48.1	-1.8
DELO	Deloro Mine	33.43	28	P	P	07 17 48.9	-1.2
PINE	Pine Mountain	33.49	330	eP	P	07 17 51.4	+0.6
F10A	Beach Ranch, E	33.61	336	eP	P	07 17 52.3	+0.6
F10A	comp-Z,91nm,1.2s			LR	LR		
HUMO	Hull Mountain	33.64	327	eP	P	07 17 53.0	+1.0
HUMO	comp-Z,500nm,18.0s			LR	LR		
HUMO	Hull Mountain	33.64	327	eP	P	07 17 53.0	+1.0
HUMO	comp-Z,26nm,1.8s			LR	LR		
J04D	Umpqua Nationa	33.66	328	P	P	07 17 52.6	+0.4
L02D	Cave Junction,	33.68	326	P	P	07 17 52.5	+0.3
BANO	Bancroft	33.69	27	P	P	07 17 51.5	-0.8
G08A	Pilot Rock	33.75	334	eP	P	07 17 53.4	+0.4
G08A	comp-Z,55nm,1.4s			LR	LR		
SABA	Saba	33.86	82	eP	P	07 17 51.0	-3.2
SMRT	St. Maarten	34.01	81	eP	P	07 17 51.0	-4.4
PLVO	Plevna	34.08	28	PFAKE	LR	07 18 10.0	+1.4
PLVO	comp-Z,21m,19.0s			LR	LR		
K20D	Williamette Mer	34.08	326	P	P	07 17 56.2	+0.5
I05D	Terrebonne, OR	34.09	330	P	P	07 17 56.5	+0.5
JTMT	Jette	34.10	341	eP	P	07 17 56.5	+0.5
JTMT	comp-Z,41nm,1.4s			LR	LR		
SEUS	St. Eustatius	34.12	82	eP	P	07 17 52.2	-4.2
ULM	Lac du Bonnet	34.14	3	eP	P	07 17 54.4	-1.7
ULM	comp-Z,22nm,1.1s,SNR=191,slow=11,SNR=18			LR	LR		
ULM	Lac du Bonnet	34.14	3	eP	P	07 17 54.5	-1.6
ULM	comp-Z,11m,19.0s,SNR=184,slow=37			LR	LR		
ULM	Lac du Bonnet	34.14	3	eP	P	07 17 54.5	-1.6
ULM	comp-Z,50nm,1.2s			LR	LR		
I04A	Tendick Farm,	34.21	329	P	P	07 17 57.3	+0.4
E09A	Wood Farm, Sta	34.41	336	eP	P	07 17 58.3	-0.2
E09A	comp-Z,17nm,0.9s			LR	LR		
G06A	Carlson Farm	34.44	332	eP	P	07 17 59.7	+0.8
G06A	comp-Z,46nm,1.7s			LR	LR		
NVBH	Bath Hotel, Ne	34.49	83	eP	P	07 18 01.2	+1.7
NVRH	Round Hill, Ne	34.50	83	eP	P	07 17 59.1	-0.6
PEMO	Pembroke	34.50	27	P	P	07 17 58.0	-1.3
J01D	Myrtle Point	34.54	327	P	P	07 18 00.2	+0.4
NCB	Newcomb	34.64	32	PFAKE	LR	07 18 10.0	+9.4
F07A	Phinny Hill Vi	34.65	333	eP	P	07 18 01.4	+0.8
F07A	comp-Z,71nm,1.9s			LR	LR		
BBSR	BB Station	34.73	56	PFAKE	LR	07 18 10.0	+8.5
H04A	Detroit Lake	34.75	330	eP	P	07 18 02.2	+0.6
H04A	comp-Z,224nm,2.0s			LR	LR		
G05D	Wamic, OR	34.76	331	P	P	07 18 03.5	+1.9
E08A	Dider Farm, EI	34.76	335	eP	P	07 18 01.1	-0.4
E08A	comp-Z,32nm,1.7s			LR	LR		
HAWA	Hanford	34.87	334	eP	P	07 18 01.6	-0.9
HAWA	comp-Z,21m,18.0s			LR	LR		
H04D	Lebanon	34.90	329	P	P	07 18 03.0	+0.2
MLYT	Lee's Yard	34.92	84	eP	P	07 18 01.3	-2.0
LONY	Lake Ozonia	34.93	31	eP	P	07 18 02.3	-0.8
LONY	comp-Z,116nm,2.0s			LR	LR		
LONY	Lake Ozonia	34.93	31	P	P	07 18 01.6	-1.5
ORIO	Orleans, Innes	35.11	29	P	P	07 18 01.2	-3.4
E07A	Sunnyside	35.14	334	eP	P	07 18 05.8	+1.0
E07A	comp-Z,44nm,1.6s			LR	LR		
I02D	Swisshome	35.16	328	P	P	07 18 06.1	+1.1
D08A	Wolman Farm,	35.16	336	eP	P	07 18 05.2	+0.1
D08A	comp-Z,15nm,1.3s			LR	LR		
WALA	Waterton Lakes	35.16	342	eP	P	07 18 05.9	+0.7
WALA	comp-Z,87nm,1.8s			LR	LR		
COR	Corvallis	35.22	329	PFAKE	LR	07 18 20.0	+1.4
COR	comp-Z,51m,20.0s			LR	LR		
ANWB	Willy Bob	35.25	82	PFAKE	LR	07 18 20.0	+1.4
ANWB	comp-Z,11m,19.0s			LR	LR		

2012 SEP

NNA	Nana	35.26	141	LR	LR	07 29 29.1	
F05D	White Salmon	35.31	332	eP	P	07 18 07.0	+0.6
GDHS	Morne Mazeau,	35.37	84	eP	P	07 18 06.8	-0.5
NEW	Newport	35.50	339	eP	P	07 18 08.6	+0.6
NEW	comp-Z,21m,21.0s			LR	LR		
NEW	Newport	35.50	339	eP	P	07 18 08.6	+0.6
NEW	comp-Z,10.0nm,1.0s			LR	LR		
NEW	Newport	35.50	339	P	P	07 18 08.0	0.0
NEW	comp-Z,21m,21.0s			MLR	MLR		
C09A	Chrisman Ranch	35.53	337	eP	P	07 18 08.8	+0.6
C09A	comp-Z,156nm,1.9s			LR	LR		
ALFO	Alfred	35.53	29	P	P	07 18 06.5	-1.7
G03D	McClintville, O	35.66	330	P	P	07 18 10.5	+1.3
LBNH	Lisbon	36.01	33	PFAKE	LR	07 18 20.0	+7.6
GRGR	Grenville	36.03	91	PFAKE	LR	07 18 20.0	+7.1
LTY	Liberty	36.04	334	eP	P	07 18 13.6	+1.0
LTY	comp-Z,138nm,1.5s			LR	LR		
PDF	Fort de France	36.12	87	PFAKE	LR	07 18 30.0	+1.6
PDF	comp-Z,21m,21.0s			LR	LR		
PDF	Fort de France	36.12	87	eP	P	07 18 10.0	-3.6
TRQ	Mont Tremblant	36.13	29	eP	P	07 18 12.9	-0.5
LOM	Longmire	36.13	333	eP	P	07 17 13.3	-0.1
LOM	comp-Z,75nm,1.8s			LR	LR		
LOM	Longmire	36.13	333	eP	P	07 18 13.4	-0.1
LOM	comp-Z,41m,19.0s			LR	LR		
E04D	Cinebar	36.32	332	P	P	07 18 15.9	+0.9
VLDQ	Vid'Or	36.36	24	eP	P	07 18 13.4	-1.9
VLDQ	comp-Z,67nm,1.7s			LR	LR		
B08A	Colville Reser	36.39	337	eP	P	07 18 16.0	+0.4
B08A	comp-Z,86nm,1.6s			LR	LR		
D05A	Enumclaw	36.55	333	eP	P	07 18 17.9	+1.0
D05A	comp-Z,76nm,1.4s			LR	LR		
RATT	Rattlesnake La	36.65	333	eP	P	07 20 41.6	+1.0
C06D	Leavenworth	36.66	335	P	P	07 18 18.5	+0.7
E03A	Lebam	36.77	331	PFAKE	LR	07 18 30.0	+1.1
D04D	Lakey	36.88	332	P	P	07 18 20.5	+0.8
D03D	Eldon	37.30	332	P	P	07 18 23.0	-0.2
LSOQ	Lebel-sur-Quev	37.31	24	P	P	07 18 22.2	-1.2
B06A	Marblemount	37.37	335	eP	P	07 18 24.0	+0.1
B06A	comp-Z,59nm,1.5s			LR	LR		
B05A	Bryant	37.42	334	P	P	07 18 23.6	-0.7
NLWA	Neilton Lookou	37.54	332	eP	P	07 18 27.5	+2.1
NLWA	comp-Z,142nm,1.7s			LR	LR		
MATO	Matagami	37.64	22	P	P	07 18 25.3	-0.9
LATQ	La Tuque	37.81	29	P	P	07 18 27.4	-0.2
A04D	Lummi Island	38.03	334	P	P	07 18 29.8	+0.4
FFC	Film Flon	38.64	357	eP	P	07 18 34.3	-0.2
FFC	comp-Z,76nm,1.2s			LR	LR		
FFC	Film Flon	38.64	357	eP	P	07 18 34.3	-0.2
FFC	comp-Z,60nm,19.0s			LR	LR		
LLL	Lillooet	39.19	337	eP	P	07 18 39.9	+0.7
LLL	comp-Z,180nm,2.0s			LR	LR		
LMN	Caledonia Moun	40.95	36	PFAKE	LR	07 19 00.0	+6.1
HAL	Halifax	40.98	39	PFAKE	LR	07 19 00.0	+5.9
PTGA	Pitinga	41.66	110	P	P	07 18 59.2	-0.9
PTGA	comp-Z,5.6nm,0.8s,SNR=296,slow=7.5,SNR=14			LR	LR		
GBN	Guysborough	42.64	39	PFAKE	LR	07 19 20.0	+1.2
FCC	Fort Churchill	42.73	3	PFAKE	LR	07 19 20.0	+1.2
BBB	Bella Bella	42.92	334	PFAKE	LR	07 19 20.0	+1.0
SAML	Samuel	43.01	123	eP	P	07 19 10.2	-0.8
SAML	comp-Z,11nm,1.0s			LR	LR		
SAML	Samuel	43.01	123	eP	P	07 19 10.3	-0.8
SAML	comp-Z,600nm,21.0s			LR	LR		
LPAZ	La Paz	44.05	136	P	P	07 19 19.9	-0.2
LPAZ	comp-Z,1.6nm,1.1s,SNR=318,slow=8.4,SNR=4.0			LR	LR		
LPAZ	La Paz	44.05	136	eP	P	07 19 20.9	+0.8
LPAZ	comp-Z,32nm,1.8s			LR	LR		
LPAZ	La Paz	44.05	136	eP	P	07 19 20.9	+0.8
LPAZ	comp-Z,32nm,1.8s			LR	LR		
MNMC	Minye Minye	45.18	140	eP	P	07 19 31.3	+2.6
SCHO	Schefferville	45.77	25	P	P	07 19 31.9	-0.7
SCHO	comp-Z,70nm,1.6s			LR	LR		
DRLN	Deer Lake	46.95	36	eP	P	07 19 41.5	-0.5
CRAG	Craig	47.34	334	PFAKE	LR	07 20 00.0	+1.5
YKA	Yellowknife Ar	47.69	350	P	P	07 19 46.8	-0.7
YKA	comp-Z,6.8nm,0.9s,SNR=158,slow=7.3,SNR=16			LR	LR		
YKBS	Yellowknife Ar	47.69	350	eP	P	07 19 47.8	+0.3
YKWS	Yellowknife Ar	47.76	350	eP	P	07 19 47.4	-0.6
TAOE	Nuku Hiva Isla	48.01	242	eS	S	07 26 42.9	-6.0
TAOE	comp-Z,474nm,24.7s			eLQ	LQ	07 31 14.8	

1544

TAOE	comp-Z,11m,24.5s,SNR=63	eLR	LR	07 33 20.8			
TAOE	Nuku Hiva Isla	48.01	242	eT	T	08 11 01.5	
LVC	Limon Verde	48.23	142	eP	P	07 19 57.9	+5.2
LVC	Limon Verde	48.23	142	eP	P	07 19 57.9	+5.2
DLBC	Dease Lake	48.25	338	eP	P	07 19 54.0	+2.0
DLBC	comp-Z,53nm,1.3s			LR	LR		
SIV	San Ignacio	48.88	129	P	P	07 19 55.8	-1.7
SIT	Sitka	49.32	334	PFAKE	LR	07 20 10.0	+1.0
JIS	Juneau Island	49.75	336	PFAKE	LR	07 20 20.0	+1.7
BESE	Bessie Mountai	50.14	336	PFAKE	LR	07 20 20	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VMUR Van-Muradiye, CLDR Caldiran, GEVA Gevas, etc.

ISCJB 29 09:01:33.1-0.4, 4.53S, 103.133, 78E, 0.04, h21km, Error ellipse: s-maj=6.0km s-min=4.3km az=164.1

NEIC 29 09:01:34.0-0.6, 4.46S, 133.74E, h10km, mb4.5/9, Error ellipse: s-maj=11.1km s-min=7.1km az=55.0

DJA 29 09:01:34.6-0.2, 4.53S, 133.74E, h10km, M4.8/11, mB5.1/5, m5.0/11, MLv4.9/10, Mw(MB)5.5/5

ISC 29 09:01:34.6-0.6, 4.60S, 105.133, 76E, 0.05, h21km, n48, -25.65/50, Irian Jaya region

Main table listing station data for the first section, including codes like FAKI, BNDI, SAUI, etc.

NNC 29 09:25:05.6-6.0, 37.23N, 70.80E, h0km, mb3.6, mpv3.3, 3C-2D, Error ellipse: s-maj=52.8km s-min=37.6km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFK, KK31, AAK, etc.

BUI 29 09:52:45.1, 26.65N, 143.99E, h10km, mb4.6/34, mB5.1/18, Ms4.7/6, Ms7.4/6

ICD 29 09:52:47.8-0.6, 26.94N, 143.79E, h0km, mb4.2/20, mb1.4/23, mb1mx3.9/31, mbtmp4.2/23, ML4.0/3, MS2.9/8, Ms1.2/9, ms1mx2.7/41, Error ellipse: s-maj=16.9km s-min=14.7km az=89.0

MOS 29 09:52:49.2-0.9, 26.93N, 143.82E, h21km, mb4.7/27, Error ellipse: s-maj=16.0km s-min=6.3km az=119.0

NEIC 29 09:52:49.4-0.3, 26.93N, 143.83E, h10km, mb4.7/21, Error ellipse: s-maj=5.8km s-min=5.3km az=224.0

JMA 29 09:52:51.2, 27.10N, 143.71E, h75km, M4.3, ISCJB 29 09:52:51.9-0.4, 27.12N, 140.04, 143.72E, 0.04, h33km, mb4.5/47, MS3.5/5, Error ellipse: s-maj=6.1km

s-min=4.3km az=156.4, ISC 29 09:52:53.4-0.6, 27.02N, 143.79E, 0.06, h35km, n119, c156/125, mb4.5/47, MS3.5/5, 4C-5D, Bonin Islands

Main table listing station data for the second section, including codes like CBIJ, JCJ, JHHJ, etc.

Main table listing station data for the third section, including codes like ZAAO, ZALV, ZALV, etc.

GUC 29 10:05:59.8-0.5, 34.05S, 72.45W, h30km, 3km, ML2.8, ISC 29 10:05:55.0-3.2, 34.05S, 077.72W, 0.2, h9km, 20km, n13, c186/20, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GO05, ROCH, PEL, etc.

SOME 29 10:08:27.8, 48.72N, 77.45E, h20km, NNC 29 10:08:29.3-4.0, 48.77N, 78.33E, h0km, mb2.9, mpv2.5

Table with columns for station name, coordinates, and other details. Includes stations like KHC, KBA, CLL, etc.

Table with columns for station name, coordinates, and other details. Includes stations like HLID, LAO, BEKR, etc.

Table with columns for station name, coordinates, and other details. Includes stations like WMOK, V40A, V40T, etc.

MEX 29 11:28:40.50-1.6, 16:01N-98:58W, h6km, 45km, MD3.6, Near coast of Guerrero

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PNIG, TLIG, etc.

IGQ 29 11:31:21.3+1.0, 4.4'S:15°x8'1W:2'4, h20km, MLv4.7/4, Peru-Ecuador border region

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COHC, RIOEI, etc.

MEX 29 11:53:54.6+1.8, 15:84N-98:62W, h0km, mb3.9/5, mb1.4/1.9, mb1mx3.8/43, mbtmp3.8/9, ML3.4/4, MS3.4/3, Ms1 3.4/3, ms1mx2.9/28, Error ellipse: s-maj=38.6km s-min=15.2km az=20.0

MEX 29 11:53:59.0-0.5, 16:10N-98:60W, h10km, 7km, MD4.4, NEIC 29 11:53:59.0-0.0, 16:10N-98:59W, h10km, mb4.2/98, MD4.5(MEX), After MEX

ISC 29 11:53:57.4+1.6, 16:04N:0°06'-98°56'W:0.04, h18km, 8km, n314, e1947/325, mb2.7/7, Near coast of Guerrero

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PNIG, TLIG, etc.

29d 11h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CSQN Cosiguina Volc, KVTX Kingsville, ESTN Estel, etc.

2012 SEP

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like T41A Mountain View, V46A Holladay, Z53A Monticello, etc.

1554

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PV03 Paradox Valley, PV18 Skin Mesa, R45A Skyline Fairir, etc.

29d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Golovnino, JRA Rausu, JNK Nakash, etc.

ISK 29 12:58:21.7, 36.00N, 127.43E, h12km, ML2.4/3
ISCJB 29 12:58:22.4, 0.6, 36.01N, 127.41E, 0.05, h5km, 6km,
Error ellipse: s-maj=7.1km s-min=4.5km az=33.9

ATH 29 12:58:22.5, 36.01N, 127.40E, h22km, 3km, ML2.3/2, Error
ellipse: s-maj=5.0km s-min=1.3km az=144.0

DDA 29 12:58:51.9, 35.64N, 127.10E, h5km, ML2.7
ISC 29 12:58:21.4, 1.3, 35.99N, 127.46E, 0.03, h18km, 13km,
n18, r1562/26, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, etc.

PGC 29 13:02:21.8, 62.25N, 124.12W, h1km, ML3.5/6, 159km
west of Fort Simpson, Nt Ww Territories - Nunavut,
Canada, Northwest Territories

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FNBB Fort Nelson, YKW3 Yellowknife Ar, etc.

ISC 29 13:09:24.9, 2.0, 9.08S, 130.19E, h0km, mb3.8/1,
mb1 3.4/4, mb1mx3.3/24, mbtmsp3.3/4, ML3.0/3, Error
ellipse: s-maj=64.2km s-min=28.5km az=78.0, Tumor
Sea

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

ISC 29 13:11:37.3, 8.7, 26N, 126.53E, h16km, mb4.8, ML3.7, MS3.7
mb1 4.0/4, mb1mx3.6/29, mbtmsp3.8/4, MS2.8/2, Ms1 2.9/2,
ms1mx2.6/28, Error ellipse: s-maj=46.6km s-min=18.9km
az=44.0

MAN 29 13:11:37.3, 8.7, 26N, 126.53E, h16km, mb4.8, ML3.7, MS3.7
mb1 4.0/4, mb1mx3.6/29, mbtmsp3.8/4, MS2.8/2, Ms1 2.9/2,
ms1mx2.6/28, Error ellipse: s-maj=46.6km s-min=18.9km
az=44.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MATI Mati, DMPP Don Marcelino, etc.

2012 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAV Davao City (W), DMPH Davao City-Mi, etc.

NEIC 29 13:14:32.6, 0.0, 32.16N, 115.23W, h9km, MD2.9(ECX),
ML2.5(PAS), After ECG.

NEIC Felt at Guadalupe Victoria.
ECX 29 13:14:32.5, 0.7, 32.16N, 115.23W, h9km, MD2.7, ML2.9,
2C-2D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CPBX Cerro Prieto, EI Chintero, etc.

IDC 29 13:35:42.2, 5.8, 25.31N, 110.02W, h0km, mb3.7/2,
mb1 3.9/5, mb1mx3.7/41, mbtmsp3.4/5, ML4.3/2, MS3.2/6,
Ms1 3.2/6, ms1mx2.9/41, Error ellipse: s-maj=87.9km
s-min=30.5km az=178.0, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, TXAR Yreka Blue Hor, etc.

ROM 29 13:38:33.0, 3.0, 7.38S, 150.06E, 15.01E, 0.08, h159km, 6km,
Md2.4/4, ML2.8/1, Sicily

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MILZ Milazzo, MCSR Castrolone, etc.

BUI 29 14:12:00.5, 13.60N, 120.98E, h186km, mb4.8/59,
mb5.0/38

ISC 29 14:12:01.0, 0.3, 13.83N, 120.74E, h148km, 1km, mb4.4/37,
mb1 4.5/38, mb1mx4.4/49, mbtmsp4.8/38, MS3.3/9,
Ms1 3.4/9, ms1mx3.1/38, Error ellipse: s-maj=9.1km
s-min=7.1km az=71.0

1556

GCMT 29 14:12:00.5, 0.3, 14.03N, 120.64E, 0.02,
h152km, 3km, MW5.0/91, Moment Tensor Solution.
s32,c36; s91,c125; Duration: 0 Moment tensor: Scale
10^16Nm; Mh:3.29; 11; Mh:0.29; 12; Mh:0.30; 15;
Mo:5.6; 11; Mo:0.13; 15; Mo:1.76; 13; Best double
couple: Ms:6.4400x10^16 NP:1.973,00000, 860,00000,
781,00000. NP2:0.10,00000, 831,00000, 105,00000.
Principal axes: T:3.8290, Prg7,00000; Azm61,0000; N
-0.3670, Plg8,0000; Azm178,0000; P-3.4590,
Plg15,0000; Azm270,0000; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

MOS 29 14:12:00.4, 0.9, 13.86N, 120.79E, h157km, mb5.0/48
Error ellipse: s-maj=9.2km s-min=5.0km az=117.4
ISCJB 29 14:12:01.0, 1.0, 13.90N, 120.02, 120.79E, 0.03,
h160km, 2km, mb4.8/125, Error ellipse: s-maj=4.4km
s-min=3.2km az=159.6

MAN 29 14:12:01.2, 13.85N, 120.54E, h126km, mb5.4, ML4.8,
MS5.2

NEIC 29 14:12:01.5, 0.6, 13.85N, 120.72E, h154km, 5km, mb5.0/47,
Error ellipse: s-maj=4.7km s-min=3.6km az=79.0
NEIC Felt [I PIVS] at Adra de log, Calapan and Puerto Galera.

DJA 29 14:12:01.3, 9.5, 6.11N, 147.12E, 1.1, h10km, M4.9/6,
mb5.0/6, mb4.9/3, MLV5.0/2, Mw(MB)4.2/3
ISC 29 14:12:01.0, 0.3, 13.84N, 120.66E, 0.04, h153km, 3km,
h154km, pp-P, n340, r1491/372, MD1.9/2, 134, 32C-19D,

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, MPSI Mopaga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LUWI Luwuk, PANO Nakornpanom, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSM Kuching, SKNT Sakolnakorn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NONG Nongkai, KHON Khomkaen, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHAI Chaiyaphum, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang, NAYO Nakonayok, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PATY Pattaya, ENH Enshi, etc.

29d 16h

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

ISCJB 29 14:34:05.9:0.7, 41.03N:0.06:38.03E:0.04, h13km, 4km, Error ellipse: s-maj=9.7km, s-min=5.2km, az=169.7

DDA 29 14:34:05.8:40.9N:38.00E, h7km, M12.6, ISC 29 14:34:05.0, 41.099N:0.05:38.04E:0.04, h15km, 9km, n12, c05720, Turkey

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

NIED 29 14:46:00.29:60N:131.50E, h8km, Mw4.3 Best double couple: M2.84000x1015 NP1.355500000, delta.000000, lambda.19.000000, NP2.204.000000, delta.000000, lambda.78.000000

ISC 29 14:46:26.2:0.9, 29.59N:131.25E, h0km, mb3.9/11, mb1.3/9/15, mb1mx3.8/37, mbtmp3.8/15, ML3.5/4, MS3.6/10, Ms1.3/6/10, ms1mx3.2/40, Error ellipse: s-maj=32.4km, s-min=17.3km, az=129.0

JMA 29 14:46:29.2:1.4, 29.59N:131.150E, h1km, 3km, M3.6, ISCJB 29 14:46:29.2:1.4, 29.61N:0.03:131.47E:0.06, h33km, 9km, mb3.8/12, MS3.5/9, Error ellipse: s-maj=8.3km, s-min=5.7km, az=7.7

2012 SEP

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

ISC 29 14:46:28.6:2.0, 29.56N:0.05:131.38E:0.07, h14km, 12km, n33, c107/39, mb3.9/12, MS3.6/9, Southeast of Ryukyu Islands

ISC 29 15:34:19.5:0.5, 37.04N:0.03:29.07E:0.03, h0km, Error ellipse: s-maj=4.0km, s-min=3.7km, az=26.5

DDA 29 15:34:19.2, 37.04N:29.08E, h7km, M12.6, Suspected Mining explosion, ISC 29 15:34:19.7, 37.02N:29.03E, h7km, ML2.2/5

ISC 29 15:34:19.2:0.9, 37.07N:0.03:29.11E:0.03, h0km, n17, c0582/24, Turkey

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

ISC 29 15:48:02.5, 38.65N:43.10E, h19km, 3km, ML2.1/2, DDA 29 15:48:03.9, 38.70N:43.16E, h7km, M12.5, ISC 29 15:48:03.2:1.2, 38.67N:0.04:43.13E:0.04, h15km, 13km, n8, c084/13, Turkey

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

ISC 29 15:59:17.5:0.9, 16.77S:173.65W, h0km, mb3.9/7, mb1.4/1/8, mb1mx3.9/34, mbtmp3.9/8, ML3.5/11, MS3.4/10, Ms1.3/5/10, ms1mx3.1/39, Error ellipse: s-maj=34.8km, s-min=18.8km, az=129.0

ISCJB 29 15:59:20.1:0.8, 16.75S:0.1x173.6W:0.2, h35km, mb4.0/7, M2.3/6/8, Error ellipse: s-maj=30.2km, s-min=9.4km, az=37.1

ISC 29 15:59:22.0:0.8, 16.75S:0.2x173.6W:0.2, h35km, n18, c152/11, mb3.9/7, MS3.6/8, Tonga Islands

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

1558

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

ISCJB 29 16:10:07.7:0.7, 6.01S:0.05:130.54E:0.09, h124km, mb3.7/1, Error ellipse: s-maj=12.8km, s-min=6.8km, az=17.0

IDC 29 16:10:09.3:1.8, 5.94S:130.48E, h120km, 21km, mb3.5/1, mb1.3/8.5, mb1mx3.2/28, mbtmp4.1/5, MS3.1/1, Ms1.1/1, ms1mx2.5/28, Error ellipse: s-maj=31.6km, s-min=13.1km, az=107.0

ISC 29 16:10:08.5:1.0, 6.08S:0.07:130.6E:0.1, h124km, n7, c293/9, Banda Sea

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

IDC 29 16:13:18.9:0.5, 56.23S:26.55W, h0km, mb4.5/8, mb1.4/5.9, mb1mx3.1/7, mbtmp4.4/9, ML4.1/1, MS3.5/9, Ms1.3/5.9, ms1mx3.3/21, Error ellipse: s-maj=29.1km, s-min=16.4km, az=63.0

ISCJB 29 16:13:22.0:0.5, 56.09S:0.07:26.6W:0.2, h35km, mb4.5/14, MS3.7/9, Error ellipse: s-maj=13.9km, s-min=7.7km, az=147.1

NEIC 29 16:13:27.9:2.3, 56.19S:26.76W, h67km, 19km, mb4.7/10, Error ellipse: s-maj=18.0km, s-min=11.3km, s-min=11.3km, az=55.0

ISC 29 16:13:24.1:0.4, 56.20S:0.09:26.55W:0.10, h35km, n62, c129/62, mb4.5/14, MS3.5/9, 2C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE, VNA1, VNA3, etc.

ISC 29 16:17:02.0:0.5, 56.20S:0.09:26.55W:0.10, h35km, n62, c129/62, mb4.5/14, MS3.5/9, 2C, South Sandwich Islands region

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

ISC 29 16:17:02.0:0.5, 56.20S:0.09:26.55W:0.10, h35km, n62, c129/62, mb4.5/14, MS3.5/9, 2C, South Sandwich Islands region

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

29d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WMQ Urumqi, TLY Talaya, NKL Nikolayevsk, MOY Mondy, HVS Khovu-Aksy, KSH Kashi, PDGK Podgornoye, DGZ Jazztar, MK01 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, NNRN Naryn, MAKZ Makanchi, SFK Sufi-Kurgan, PETK Petropavlovsk, KBL Kabul, TKM2 Tokmak 2, PET Petropavlovsk, KBK Karagayulak, AAK Ala-Archa, AML Almayashu, USP Oспенovka, EK52 Erkin-Say, MNAS Manas, YAK Yakutsk, ZAA0 Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KK31 Karatay Array, KURK Kurchatov, MA2 Magadan, NVS Novosibirsk, SOHO SOHO, SEY Seymchan, VVDA Vanda, VVDA Vanda, HATD Hatta, DUBAI ASH, ALNE Al Ain, MSFE Esma-Masafi, BANOM Banah, SHME Sham, ASUD Al Ashush, BVAR Borovoye Array, BRVK Borovoye, OPO Ambोधhidratompo, GEYT Alibek, TIXI Tiksi, AB31 Akbulak array, ABKAR Akbulak array, AKTO Aktyubinsk, SYO Syowa Base, SVE Sverldovsk.

2012 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like RAYN Ar Rayn, ARU Arti, ARU Arti, ARU Arti, QSPA South Pole Qui, KMBO Kilima Mbogo, ZEI Tsey, NCK Natlichik, KBZ Khabaz, NEY Neytrino, KIV Kislodovsk, VORD Divnogorie, VSR Storzhevoye, LPSR Galich'ya Gora, IM3 Indian Mountain, OBN Obninsk, BRTR Keskin Array B, TOLK Toolik Lake Re, ILAR Eielson Array, ILAR Eielson Array, AKASG Malin Array Be, KIEV Kieff, FINES FINESS Array B, YKA Yellowknife Ar, B05A Bryant, NVAR Nina Array Bea, ISA Isabella, Lake, CWC Cottonwood Cre, EDW2 Edwards Air Fo, GRAC Grapevine Rang, LRMC Laurel Mtn Rad, MPMC Manual Prospec, BFSC Mount Baldy Ra, HLID Halley, R11A Troy Canyon, C, TPFO Pinon Flats, BELC Belle Mtn. Jos, GMRC Granite Mounta, BC3 Big Chuckawall, IRM Iron Mountain, DUG Dugway, Tooele, FFC Flin Flon, BW06 Boulder Array, PDAE Pinedale Array, 214A Organ Pipe Nat, LAO LASA Array, WUAZ Wupatki, O20A White River Ci, O20A White River Ci, K22A Casper, TAOA Torodi Ar. Sit, TORD Torodi Ar. Bea, TUC Tucson, ESDC Sonseca Array, MVSD Mesa Verde, RSSD Black Hills, RSSD Black Hills, N23A Red Feather La, S22A LUR Ranch, Cre, ISCO Idaho Springs, ULM Lac du Bonnet, SDCO Great Sand Dun, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, T25A Trinidad, MNTX Cornudas Mount, ECSD EROS Data Cent, MSTX Muleshoe, EYMN Ely, DBIC Dimbokro, DBIC Dimbokro.

1560

Table with columns for station name, frequency, power, and other technical details. Includes stations like AMTX Amarillo, TXAR Lajitas Array, F38A Pierce - Schro, PLCA Paso Flores, E39A Mellen, G38A Ridgetop, F39A Loretta, E40A Wakefield, F40A Park Falls, WMOK Wichita Mounta, F41A Three Lakes, H40A Chill, E42A Champion, L39A Vinton, JCT Junction City, K40A Colesburg, JFWS Maxwell Farm, R38A Fenwick Farm, S38A Stockton, T38A Diamond, S39A Bolivar, S39A Bolivar, O41A Passleys Farm, U39A Green Forest, L44A Lake County Fo, V39A Pettigrew, P42A Winchester, R41A Rosebud, W39A Maxine, U40A Yellville, S41A Jillico Farms, Q42A Golden Eagle, P43A Skaggs, Pawnee, V40A Witts Springs, MIAR Mount Ida, U41A Viola, K48A Perry, T43A Greenville, SADO Sadowa, Y46A Houston, TKL Tuckaleechee C, V53A Saluda, X52A Dahlonega, 250A Grady, W53A Cullowhee, BLA Blacksburg, 151A Opelika, Y52A Lilburn, X53A Estanolee, X51A Midway, Z52A Williamson, 152A Waverly Hall, Y53A Monroe, 351A Pinckard, R58B Mineral, GOGA Godfrey, GOGA Godfrey, GOGA Godfrey, Z53A Monticello, 252A Lumpkin, PAULI Pauline, 451A Vernon, 451A Vernon, KMSC Kings Mountain, KMSC Kings Mountain, 352A Blakely, 352A Blakely, Y54A Tignall, HODGE Hodges, 153A Fort Valley, 452A Marianna, 253A Americus, 253A Americus, Z54A Sparta, 154A Montrose, 154A Montrose, 353A Camilla, JSC Jenkinsville, JSC Jenkinsville, Z55A Blythe, 453A Whigham, 453A Whigham, TIGA Tifton, TIGA Tifton, 155A Kite, 553A Crawfordville, 355A Pearson, 554A Perry, 256A Glennville, 455A Stateville.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like CNHC Cliffs of the Sea, NNSC New Hope, 555A McAlpin, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like IDC 29 16:38:00.2, 2.2, 16.115, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like RSNC 29 16:57:23.4, 0.8, 9.07N, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ISK 29 17:02:21.9, 38.67N, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like KRSC 29 17:18:17.1, 0.6, 53.74N, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like TUMD Tumrok, GNL Ganaly, KRMF Karymshinskiy, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like VANB Van, TVAN Van, TVAN Van, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like IDC 29 17:20:41.3, 1.21, 233S, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, PPT2 Papeete2, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like DDA 29 17:23:15.9, 37.05N, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like GOLH Golhisar, FETY Fetiye, DALY Dallyan, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like IDC 29 17:27:46.8, 1.4, 1.37N, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LUWI Luwuk, LRSI Lurusa, AAI Ambon, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like DJA 29 17:30:41.8, 1.2, 1'S, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like NIED 29 17:37:00.35, 00N, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like eastern Honshu, TATJ Tateyama 2, BS04 Boso 4, etc.

1563

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like JTS, SVB, BBGH, ESPN, FDF, GDHS, RCBR, CSGN, EFI, ICMP, CRPR, OBIP, SABA, SJG, SJJ, MPR, MTP, HUMP, AOPR, CBYP, AGP, ANWB, EMPR, SMRT, STVI, MTDJ, ABVI, APG, CCIG, TEIG, CMIG, HOPE, 059A, 859A, PMSA, 757A, 658A, 656A, 656A, 657A, 655A, 555A, 555A, 554A, 456A, 456A, 455A, 453A, 453A, 355A, 451A, 451A, 452A, 257A, 257A, TIGA, TIGA, 353A, 256A, 255A, 255A, 351A, 352A, 352A, 449A, RGRS, LNIG, CSU, BRAL, BRAL, BRAL, 253A, 253A, 446A.

2012 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 252A, NHSC, NHSC, 155A, ZAIG, ZAIG, 447A, 447A, 349A, 154A, 154A, 251A, 446A, 544A, 153A, 348A, 348A, 250A, 250A, 250A, 255A, 447A, 152A, 152A, 151A, 249A, 244A, 346A, 346A, 253A, 150A, 248A, GOGA, GOGA, GOGA, GOGA, GOGA, 252A, 149A, 247A, Y54A, 246A, JSC, JSC, JSC, 442A, 344A, 344A, 148A, Y53A, Z50A, Z50A, Z50A, 343A, Y52A, Y52A, LRLAL, LRLAL, LRLAL, 249A, 245A, 147A, 147A, Y51A, 146A, 146A, 244A, 342A, 342A, PAULI, PAULI, 243A, Y47A, Z48A, 145A, HKT, HKT, HKT, Y49A, Y49A, Y49A.

29d 17h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Y49A, KMSC, KMSC, 341A, 341A, X52A, 144A, Z46A, BG3, BG3, X51A, X51A, Y48A, 242A, 833A, 833A, X50B, W53A, Y47A, W52A, 241A, 241A, 241A, X49A, Z44A, X48A, X48A, Y46A, W51A, W53A, W53A, 240A, 240A, W50A, W50A, W50A, Y45A, CPCT, NATX, NATX, NATX, TKL, TKL, TKL, X47A, W49A, SWET, SWET, SWET, Y52A, Y52A, Y52A, X46A, V51A, V51A, V51A, 140A, 140A, W48A, V50A, 435B, 435B, OXF, OXF, OXF, OXF, PLAL, PLAL, Z41A, Z41A, U52A, W47A, V49A, Y42A, U51A, Z40A, TZTN, TZTN, BLA, BLA, BLA, Y48A.

Table with columns: ID, Name, Value, Error, Unit, and other identifiers. Includes entries like V48A Smith Brothers, U50A Jamestown, W45A Hickory Valley, etc.

Table with columns: ID, Name, Value, Error, Unit, and other identifiers. Includes entries like Q52A Bidwell, PBMO Poplar Bluff, T44C Benton, etc.

Table with columns: ID, Name, Value, Error, Unit, and other identifiers. Includes entries like P46A Rosedale, BRVY Bryant College, P45A Graeland, etc.

LONY	Lake Ozonia comp=Z,18nm,1.0s	62.01 356	eP	P	17 59 02.8	-1.0
LONY	Lake Ozonia bazz=17,SNR=5.8	62.01 356	P	P	17 59 02.9	-0.9
M40A	Post Highland bazz=156,SNR=12	62.02 342	P	P	17 59 02.8	-1.2
L42A	Oliver, Polo comp=Z,38nm,0.6s	62.04 343	eP	P	17 59 03.0	-1.0
L42A	Oliver, Polo bazz=158,SNR=12	62.04 343	P	P	17 59 03.0	-1.0
J47A	Summer bazz=163	62.04 348	P	P	17 59 03.4	-0.6
DELO	Deloro Mine bazz=171	62.17 354	P	P	17 59 03.8	-1.0
BASO	Asphalt bazz=167	62.21 350	P	P	17 59 04.7	-0.5
BWLO	Walkerton bazz=168	62.23 351	P	P	17 59 04.3	-1.0
BNM	Barren Site	62.27 326	eP	P	17 59 06.5	+0.5
BNM		62.27 326	eP	P	17 59 39.7	+1.7
M39A	Webster bazz=155,SNR=15	62.29 341	P	P	17 59 04.6	-1.1
L41A	Preston bazz=157,SNR=14	62.34 343	P	P	17 59 04.7	-1.4
K43A	Burlington comp=Z,67nm,1.3s	62.34 345	eP	P	17 59 04.1	-1.9
K43A	Burlington bazz=160,SNR=6.9	62.34 345	P	P	17 59 04.8	-1.2
LPM	Los Pinos Moun	62.39 326	eP	P	17 59 07.0	+0.8
LPM		62.39 326	eP	P	17 59 40.1	+1.3
BRCO	Bruce Peninsula bazz=167	62.40 351	P	P	17 59 05.8	-0.6
CLWO	Collingwood bazz=168	62.43 351	P	P	17 59 06.9	+0.2
PKME	Peaks-Kenny Pk bazz=189	62.49 0	P	P	17 59 05.7	-1.3
L40A	Anamosa comp=Z,45nm,0.8s	62.54 342	eP	P	17 59 06.8	-0.5
L40A	Anamosa bazz=156	62.54 342	P	P	17 59 06.7	-0.7
PLVO	Plenva bazz=172	62.63 354	P	P	17 59 07.5	-0.4
K42A	Prairie Point, bazz=158,SNR=16	62.70 353	P	P	17 59 07.8	-0.6
BANO	Bancroft bazz=171	62.71 351	P	P	17 59 07.1	-1.3
BMRO	Meriville Lake bazz=167	62.71 351	P	P	17 59 07.1	-1.3
CBKS	Cedar Bluff comp=Z,49nm,0.8s	62.71 334	eP	P	17 59 09.0	+0.3
CBKS		62.71 334	eP	P	17 59 40.6	-0.1
CBKS		62.71 334	eP	P	17 59 09.0	+0.3
CBKS		62.71 334	eP	P	17 59 40.6	-0.1
CBKS		62.71 334	eP	P	17 59 09.0	+0.3
CBKS		62.71 334	eP	P	17 59 40.6	-0.1
CBKS		62.71 334	eP	P	17 59 09.0	+0.3
CBKS		62.71 334	eP	P	17 59 40.6	-0.1
LAZ	Ladron bazz=147,SNR=6.5	62.73 326	eP	P	17 59 09.7	+0.6
LAZ		62.73 326	eP	P	17 59 42.5	+1.4
K41A	Shullsburg bazz=158,SNR=8.9	62.78 343	P	P	17 59 07.9	-1.1
ANMO	Albuquerque comp=Z,5.2nm,0.7s,bazz=132,slow=6.4,SNR=18	62.78 326	P	P	17 59 09.9	+0.5
ANMO	Albuquerque comp=Z,6.0nm,0.8s,bazz=155,slow=8.8,SNR=8.8	62.78 326	eP	P	17 59 43.1	-3.6
ANMO	Albuquerque	62.78 326	eP	P	17 59 09.5	+0.2
ANMO	Albuquerque	62.78 326	eP	P	17 59 42.8	+1.3
ANMO	Albuquerque	62.78 326	eP	P	17 59 09.5	+0.2
ANMO	Albuquerque	62.78 326	eP	P	17 59 42.0	+0.5
ANMO	Albuquerque	62.78 326	eP	P	17 59 09.7	+0.3
ANMO	Albuquerque	62.78 326	eP	P	17 59 43.2	-1.1
L39A	Winton bazz=156,SNR=13	62.82 342	P	P	17 59 08.2	-1.1
ORIO	Orleans, Innes bazz=173,SNR=5.5	62.90 355	P	P	17 59 08.9	-0.7
J43A	Natural Harves bazz=162,SNR=6.7	63.00 345	P	P	17 59 09.6	-0.8
SCIA	State Center comp=Z,92nm,0.7s	63.00 340	eP	P	17 59 09.8	-0.7
SCIA	State Center bazz=154,SNR=14	63.00 340	eP	P	17 59 42.9	+0.3
ALFO	Alfred bazz=174	63.03 356	P	P	17 59 09.6	-0.9
JFWS	Jewell Farm comp=Z,73nm,0.6s	63.04 343	eP	P	17 59 10.0	-0.7
JFWS	Jewell Farm	63.04 343	eP	P	17 59 44.2	-3.1
JFWS	Jewell Farm	63.04 343	eP	P	17 59 10.0	-0.7
JFWS	Jewell Farm	63.04 343	eP	P	17 59 44.2	-3.1
JFWS	Jewell Farm	63.04 343	eP	P	17 59 10.0	-0.7
JFWS	Jewell Farm	63.04 343	eP	P	17 59 44.2	-3.1
K40A	Colesburg bazz=157,SNR=19	63.10 342	P	P	17 59 10.0	-1.0
J42A	Columbus bazz=159,SNR=6.6	63.12 344	P	P	17 59 10.3	-0.9
LMN	Caledonia Moun comp=Z,31nm,0.9s	63.24 4	eP	P	17 59 10.3	-1.6
LMN		63.27 321	eP	P	17 59 47.2	-0.8
TUC	Tucson comp=Z,3.3nm,0.7s	63.27 321	eP	P	17 59 12.5	0.0
TUC	Tucson	63.27 321	eP	P	17 59 45.1	+0.5
TUC	Tucson	63.27 321	eP	P	17 59 12.5	0.0
TUC	Tucson	63.27 321	eP	P	17 59 45.1	+0.5
PEMO	Pembroke bazz=172	63.28 354	P	P	17 59 11.7	-0.4
BUKO	Buck Lake bazz=169,SNR=5.8	63.29 352	P	P	17 59 11.4	-0.9
KLBO	Killbear Provi bazz=168	63.31 352	P	P	17 59 10.3	-2.1
K39A	Oswein bazz=156,SNR=18	63.32 342	P	P	17 59 11.3	-1.2
TOBO	Tobermory, Bru bazz=167	63.37 351	P	P	17 59 12.0	-0.8
J41A	Loganville bazz=158,SNR=18	63.40 344	P	P	17 59 12.0	-1.1
H43A	Langenfeld Bro bazz=160,SNR=9.0	63.43 345	P	P	17 59 11.7	-1.4
T25A	Trinidad comp=Z,11nm,0.8s	63.45 329	eP	P	17 59 14.1	+0.2
T25A	Trinidad	63.45 329	eP	P	17 59 47.7	-1.7
T25A	Trinidad	63.45 329	eP	P	17 59 14.7	+0.9
H42A	Draeger Farm, comp=Z,39nm,0.6s	63.60 345	eP	P	17 59 12.9	-1.5
H42A	Draeger Farm, bazz=159,SNR=14	63.60 345	P	P	17 59 13.8	-0.6
TRQ	Mont Tremblant Soldiers Grove bazz=163,SNR=12	63.60 356	eP	P	17 59 13.0	-1.4
J40A	Harm Buss Farm bazz=153,SNR=11	63.63 343	P	P	17 59 13.7	-0.8
L36A	Harm Buss Farm bazz=153,SNR=11	63.65 339	P	P	17 59 14.4	-0.3
J39A	Decorah bazz=158,SNR=4.6	63.84 342	P	P	17 59 15.0	-0.9
H43A	Windsept, Lux bazz=160,SNR=5.0	63.87 346	P	P	17 59 14.8	-1.2
K37A	Belmond bazz=154,SNR=9.3	63.91 341	P	P	17 59 15.6	-0.9
I41A	Arkdale comp=Z,36nm,0.6s	64.00 344	eP	P	17 59 16.1	-0.9
I41A	Arkdale	64.00 344	P	P	17 59 16.4	-0.6
I40A	Norwalk bazz=158,SNR=8.7	64.05 343	P	P	17 59 16.5	-0.8
K36A	Gilmore City bazz=157,SNR=14	64.06 340	P	P	17 59 17.2	-0.2
VNA3	Neumayer-Stat bazz=153,SNR=6.2	64.06 162	P	P	17 59 18.4	+1.3
H42A	Shiocton comp=Z,73nm,0.6s	64.09 345	eP	P	17 59 16.3	-1.2
H42A	Shiocton	64.09 345	P	P	17 59 17.0	-0.5
K39A	Belmond bazz=160,SNR=13	64.13 332	eP	P	17 59 18.3	+0.2
K39A	Kaye Sheddock comp=Z,34nm,0.8s	64.13 332	eP	P	17 59 51.7	-0.4
K39A	Kaye Sheddock	64.13 332	eP	P	17 59 18.7	+0.6
214A	Organ Pipe Nat bazz=133,SNR=1.1	64.24 320	P	P	17 59 20.1	+1.2
VNA1	Neumayer-Stat Houston comp=Z,92nm,0.8s	64.26 161	P	P	17 59 20.1	+1.8
I39A	Houston	64.27 343	eP	P	17 59 17.8	-0.9

I39A	Houston bazz=156,SNR=28	64.27 343	eP	P	17 59 51.4	-0.9
IGNE	Belgrade comp=Z,224nm,0.6s	64.29 337	eP	P	17 59 19.1	+0.1
IGNE	Belgrade	64.29 337	eP	P	17 59 52.7	+0.2
IGNE	Belgrade	64.29 337	eP	P	17 59 19.0	+0.1
X18A	Snowflake bazz=149,SNR=12	64.38 324	eP	P	17 59 21.0	+1.1
SDCO	Great Sand Dun comp=Z,14nm,0.8s	64.47 329	eP	P	17 59 20.9	+0.4
SDCO	Great Sand Dun bazz=141,SNR=32	64.47 329	eP	P	17 59 54.3	+0.6
SDCO	Great Sand Dun	64.47 329	eP	P	17 59 21.2	+0.7
H41A	Junction City comp=Z,44nm,0.6s	64.47 344	eP	P	17 59 19.1	-0.9
H41A	Junction City	64.47 344	P	P	17 59 19.3	-0.7
F45A	CMU Biological bazz=163	64.53 348	P	P	17 59 19.6	-0.7
BATG	Bathurst New B comp=Z,25nm,0.8s	64.59 3	eP	P	17 59 19.9	-0.9
BATG		64.59 3	eP	P	17 59 53.2	-0.3
G43A	Wallace bazz=161	64.59 346	P	P	17 59 19.3	-1.5
VNA2	Neumayer-Watz bazz=209,slow=8.2	64.63 161	P	P	17 59 22.1	+1.3
H40A	Chil bazz=158,SNR=26	64.67 344	P	P	17 59 20.6	-0.7
LATQ	La Tuque bazz=176	64.67 358	P	P	17 59 21.0	-0.3
G42A	Mountain comp=Z,22nm,0.6s	64.75 345	eP	P	17 59 19.9	-1.9
G42A	Mountain	64.75 345	P	P	17 59 20.8	-1.1
H39A	Augusta bazz=160,SNR=7.9	64.96 343	P	P	17 59 22.6	-0.6
F44A	Big Bay de Noc bazz=162	64.99 347	P	P	17 59 22.5	-0.8
F43A	Flat Rock, Esc bazz=151,SNR=15.5	65.02 347	P	P	17 59 22.5	-1.0
S22A	4UR Ranch, Cre comp=Z,5.9nm,0.9s	65.12 328	eP	P	17 59 25.0	+0.2
S22A		65.12 328	eP	P	17 59 57.4	+1.0
X16A	Lo Mia Camp, P	65.15 323	eP	P	17 59 25.9	+1.0
X16A		65.15 323	eP	P	17 59 27.0	+0.6
G40A	Rib Lake comp=Z,12nm,0.6s	65.22 344	eP	P	17 59 24.1	-0.8
G40A	Rib Lake	65.22 344	P	P	17 59 24.2	-0.6
H38A	Maiten Roc bazz=156,SNR=12	65.24 342	P	P	17 59 24.9	-0.1
Q24A	Divide comp=Z,11nm,0.8s	65.26 330	eP	P	17 59 26.3	+0.7
Q24A		65.26 330	eP	P	17 59 58.3	+1.4
F41A	Three Lakes comp=Z,62nm,0.7s	65.38 345	eP	P	17 59 25.1	-0.8
F41A	Three Lakes	65.38 345	P	P	17 59 25.6	-0.3
OGNE	Ogallala bazz=159,SNR=29	65.46 334	eP	P	17 59 27.3	+0.7
OGNE	Ogallala	65.46 334	P	P	17 59 27.2	+0.7
G39A	Holcombe bazz=147,SNR=19	65.49 344	P	P	17 59 25.9	-0.7
E43A	Lone Tree Farm comp=Z,21nm,0.6s	65.50 347	eP	P	17 59 25.7	-0.9
E43A	Lone Tree Farm	65.50 347	P	P	17 59 26.1	-0.5
G38A	Ridgeland bazz=162,SNR=7.1	65.57 343	P	P	17 59 26.4	-0.7
MVCO	Mesa Verde comp=Z,17nm,1.1s	65.57 327	eP	P	17 59 28.4	+0.8
MVCO		65.57 327	eP	P	18 00 03.3	+2.1
COWI	Conover comp=Z,57nm,1.6s	65.73 345	eP	P	17 59 27.3	-0.8
Y14A	Wickenburg comp=Z,77nm,0.6s	65.73 321	eP	P	17 59 29.5	+1.0
E42A	Champion bazz=161,SNR=6.8	65.75 346	P	P	17 59 27.3	-0.9
E42A	Champion	65.75 346	P	P	17 59 27.6	-0.8
E42A	Champion	65.75 346	P	P	17 59 28.3	-0.1
E42A	Champion	65.75 346	P	P	17 59 28.3	-0.1
E42A	Champion	65.75 346	P			

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DUG, DAC, DBC, DDC, ISA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ORV, ORV, ORV, O30D, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VVDA, VVDA, VVDA, VVDA, etc.

2012 SEP

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like WTTA Wattenberg, ABTA Abfattersbach, GRFO Grafenberg, etc.

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like ASAR comp=Z,3.7nm,0.6s,baiz=122,slow=1.1,SNR=6.2, ASAR comp=Z,2.9nm,1.1s,baiz=140,slow=5.8,SNR=8.2, etc.

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like HHC Hu-ho-hao-te, LSA Lhasa, LZH Lanzhou, etc.

29d 17h

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like IDG 29 17:54:03.41, 1.4, 47.92N;158.48E, h2km, mb3.5/3, mb1.3/7.4, mb1mx3.3/47, mbtm3.4/44, ML1.71, Error ellipse: s-maj=83.8km s-min=26.8km az=112.0, etc.

ellipse: s-maj=4.7km s-min=2.9km az=12.6
IPEC 29 19:58:47.2.0.1.50.18N:19.09E,h0km,1km,ML2.1/3,
Error ellipse: s-maj=2.4km s-min=0.7km az=166.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHZP Chorzow, OJC Ojcow, Ostrava-Krasne, Liptovska Anna, etc.

IDC 29 20:11:45.5.1.5.3.06S:129.56E,h0km,mb3.8/2,
mb1.4/0.5,mb1mx3.6/5,mbtmp3.8/5,ML3.7/3,Error
ellipse: s-maj=47.6km s-min=23.7km az=89.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDI Bandanaira, AAI Ambon, FAKI Fak Fak, etc.

ISCJB 29 20:18:03.7.0.7.16.65N:0.08:94.43W:0.05,h123km,7km,
mb4.1/1,Error ellipse: s-maj=14.0km s-min=7.3km
az=179.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, HUIG Huatulco, Vista Hermosa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, PNIG Pinotepa, PNIG Laguna Verde, etc.

ISCJB 29 20:19:08.2.0.3.2.49N:0.03:98.44E:0.04,h109km,2km,
mb4.5/4,Error ellipse: s-maj=6.2km s-min=4.4km
az=151.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, PSI Prapat, KCSI Kotacane, Aceh, etc.

IDC 29 20:19:09.2.0.7.2.56N:98.54E,h100km,6km,mb3.8/15,
mb1.3/9/16,mb1mx3.7/39,mbtmp4.1/16,Error ellipse:
s-maj=23.2km s-min=14.2km az=76.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHTO Chiang Mai, KKM Kota Kinabalu, H08S2 Diego Garcia H, etc.

ISCJB 29 20:18:05.0.1.0.16.68N:94.44W,h112km,14km,mb4.0/7,
MDA.1(MEX),Error ellipse: s-maj=19.4km s-min=11.6km
az=175.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRVK Borovoye, ATD Arta Tunnel, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, LSZ Lusaka, TIXI Tiksi, etc.

IDC 29 20:23:00.3.9.5.7.14S:129.55E,h109km,97km,mb3.2/1,
mb1.3/7/5,mb1mx3.3/27,mbtmp4.0/5,ML4.1/4,Error
ellipse: s-maj=59.3km s-min=32.5km az=43.0

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

ATH 29 20:30:42.1.36.95N:22.57E,h23km,9km,ML0.9/2,Error
ellipse: s-maj=9.8km s-min=1.5km az=194.0,Southern
Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DYR Agios Nikonas, DYR Agios Nikonas, DYR comp=E,82mu,0.1s, etc.

ISC 29 21:06:15.9.37.33N:37.16E,h8km,ML2.1/3
DDA 29 21:06:16.6.37.30N:37.15E,h7km,M12.7
ISC 29 21:06:16.5.1.1.37.32N:0.03:37.15E:0.03,h9km,8km,
n14,c059/22,Turkey

30d Oh

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

MEX 29 22:24:41.6:0.4, 15.68N, 93.68W, h87km, 5km, MD3.7, Near coast of Chiapas

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

ISCJB 29 22:37:07.6:0.7, 29.38S, 0:04:69.60W, 0:04, h127km, 7km, Error ellipse: s-maj=6.6km s-min=5.8km az=138.1

GUC 29 22:37:07.9:0.7, 29.39S, 69.63W, h116km, 6km, ML3.2 SJA 29 22:37:08.1:0.7, 29.45S, 69.61W, h118km, 3km, ML3.0, MW3.4

ISC 29 22:37:08.0:1.6, 29.38S, 0:04:69.59W, 0:04, h126km, 11km, n25, 0:07:35, 2C-1D, Chile-Argentina border region

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

ISCJB 29 23:13:29.6:0.6, 32.15N, 0:02:115.20W, 0:02, h9km, 4km, Error ellipse: s-maj=3.7km s-min=3.3km az=173.2

NEIC 29 23:13:30.4:1.0, 32.16N, 115:23W, h10km, ML3.2(PAS), ML3.3(ECCX), Alter ECCX

2012 SEP

NEIC Felt at Tijuana. Also felt at Chula Vista and San Diego, California

ECX 29 23:13:32.0:0.6, 32.17N, 115:24W, h10km, MD3.1, ML3.3

MEX 29 23:13:33.1:0.4, 32.26N, 115:11W, h19km, 15km, MD3.9

ISC 29 23:13:30.4:1.0, 32.16N, 115:23W, 0:02, h11km, 8km, n65, 0:09:84, 3C-3D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MBIG, Cerro Prieto, SGL, YMD, COA, etc.

1572

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ZARC, NORC, CHIC, ROSC, HELC, VILC, etc.

ISCJB 30 00:02:23.7:0.4, 4.28S, 0:07:80.82E, 0:06, h10km, mb4, 0:23, MS3, 3:10, Error ellipse: s-maj=10.8km s-min=8.6km az=14.7

IDC 30 00:02:24.0:0.7, 4.29S, 80:81E, h0km, mb3, 9/17, mb1 4.1/18, mb1mx3.9/53, mbtmp3.9/16, ML4.3/1, MS3.3/12, Ms1 3.3/12, ms1mx3.1/32, Error ellipse: s-maj=20.4km s-min=16.9km az=28.0

NEIC 30 00:02:25.3:0.3, 4.29S, 80:80E, h10km, mb4.5/8, Error ellipse: s-maj=10.3km s-min=8.3km az=194.0

ISC 30 00:02:25.4:0.5, 4.29S, 0:10:80.82E, 0:08, h10km, n49, 0:08:43/7, mb4, 0:23, MS3, 3:10, 3C-3D, South Indian Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, CTA Charters Tower, WRA Warrumunga Arr, ASAR Alice Springs, YKA Yellowknife Arr.

KRSC 30 00:05:41.8, 0.9, 54.20N, 159.88E, h142km, 10km, ML3.6
ISCJB 30 00:05:42.4, 0.9, 54.19N, 159.88E, 0.10, h142km, 4km, mb3.2/6, Error ellipse: s-maj=10.5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TUMD Tumrok D, SDLR Sedlovina, TUMR Tumrok, KRX Arik, KRER Koryakskii, SMAR Somma, SPN Mys Shipunski, AVH Avacha, KOK Koryaka, UGLR Ugljovaya, MKZ Mys Kozlova, GNL Ganaly, PETP Petropavlovsk, PETK Petropavlovsk-13nm, 0.3s, baz=71, slow=16, SNR=192, KRMR Karymshinskiy, BZMR Bezmyannaya, KPT Kopyto, BZWR Bezmyanniy-We, ESO Esso, ZLN Zelenaya, RUS Russkaya, MTRV Mutnovka, APC Apacha, ASAK Asacha, SRKR Sorokina, KDTR Krodutka, Kamc, KBTR Krutoberegovo, KBTR Kbrt, BKR Bering, MJAR Matsushiro Arr, ILAR Eielson Array, MKAR Makanchi Array, NVAR Mina Array Bea, PDAR Piedale Array, TXAR Lajitas Array.

NIED 30 00:11:00.39, 20N, 143.80E, h14km, Mw3.7 Best double couple: M3.850000, 1014 NP1, 187.000000, 836.000000, 1.83.000000, NP2, 16.000000, 854.000000, 1.95.000000.
JMA 30 00:11:49.3, 0.1, 39.17N, 143.82E, h18km, M3.9
ISCJB 30 00:11:51.5, 0.9, 39.25N, 143.73E, h23km, mb3.5/5, Error ellipse: s-maj=10.1km s-min=5.1km az=30.3

ICD 30 00:11:56.0, 4.5, 39.25N, 143.63E, h38km, 33km, mb3.4/5, mb1.3/5/8, mb1mx3.3/36, mbtmp3.6/8, ML3.4/2, Error ellipse: s-maj=44.3km s-min=26.6km az=142.0
ISC 30 00:11:53.5, 1.3, 39.23N, 143.66E, 0.09, h23km, n28, +189/27, mb3.6/5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MIYJ Miyakonagasawa, OFUJ Ofunato, JTH Tanohata, JTH Tanohata, JOM Ohasama, JOM Ohasama, JMK Ichinoseki, JANG Nango, JYK Kaneyama, JFT Otama, JNBK Urakawa-nobuka, JNBK Urakawa-nobuka, JCH Churui, JCH Churui, JAW Awa shima, JAK Akkeshi, JFR Furan, ASAJ Asahikawa, ASAJ Asahikawa, MAT Matsushiro, MJAR Matsushiro Arr, USRK Ussuriysk Arr, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, SONM Sogino Array, H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, NOA NORRAR Array B.

ICD 30 00:15:15.1, 2.0, 8.45S, 123.00E, h0km, mb3.8/2, mb1.3/5/4, mb1mx3.3/28, mbtmp3.4/4, ML3.2/2, Error ellipse: s-maj=245.6km s-min=28.6km az=57.0
ISCJB 30 00:15:21.3, 0.6, 9.53S, 121.96E, 0.06, h100km, mb3.6/2, Error ellipse: s-maj=11.9km s-min=7.1km az=26.7
DJA 30 00:15:23.8, 1.4, 9.5S, 121.2E, h23km, 13km, M3.5/9, MLV3.5/9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EDFI Ende, Flores, MMRI Maumere, SATT Sautama, SOEI Soe, WBSI Waikabubak, Su, WBSI Waikabubak, Su, PLAI Plampang, BKSI Bulukumba, TWAI Taliwanga, Sumb, WRA Warrumunga Arr, WRA Warrumunga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam.

SOME 30 00:19:51.7, 44.13N, 83.58E, h10km
NNC 30 00:19:54.4, 1.1, 44.30N, 83.33E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=10.3km s-min=3.0km az=115.0
ISC 30 00:19:54.5, 1.9, 44.11N, 0.09, 83.73E, h20km, n15, +235/27, 2C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KTMS Ketmen, DJR JarKent, DJR JarKent, MK31 Makanchi Array, MK31 Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, PDGK Podgornoye, PDGK Podgornoye, SHLS Shalkode, SHLS Shalkode, KAPS Kapalarasan, KAPS Kapalarasan, ZSN Zaisan, ZSN Zaisan, UZB Uzunbulak, UZB Uzunbulak, KPKS Kokpek, KPKS Kokpek, MNBS Baschi, MNBS Baschi, SATY Saty, SATY Saty, ARXS Arharly, ARXS Arharly, KOTS Kotrybulak, KOTS Kotrybulak, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe.

ISCJB 30 00:28:34.8, 0.4, 24.39N, 122.05E, 0.02, h9km, 2km, Error ellipse: s-maj=2.5km s-min=2.3km az=35.8
JMA 30 00:28:35.2, 0.1, 24.35N, 121.99E, h23km, 5km, M2.8
TAP 30 00:28:35.4, 24.41N, 121.96E, h21km, ML3.4, B
ISC 30 00:28:35.1, 0.9, 24.38N, 122.02E, 0.02, h14km, 7km, n89, +096/3128, 2C-15D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EOSI EOSI, EOH EOH, ENAH Nanao, ENAH Nanao, ENAH Nanao, ENA Nanao, ENA Nanao, TWC Suao, TWC Suao, TWC Suao, NACB Ninganchiao, NACB Ninganchiao, ILA ilan, ILA ilan, TWE Neicheng, TWE Neicheng, ENT T Nioudou, ENT T Nioudou, TWD Chiawoa, TWD Chiawoa, NNS Nan Shan, NNS Nan Shan, TWP Shuangqi, TWP Shuangqi, TIPB Shuangqi, TIPB Shuangqi, ENLB Shoufeng, ENLB Shoufeng, ENLB Shoufeng, NWLT Wulai, NWLT Wulai, TWB1 Santiao Chiao, TWB1 Santiao Chiao, TWB1 Santiao Chiao, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, NSK Sanguang, NSK Sanguang.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TNSK Mucha, TNSK Mucha, TWA Wuzhen, TWA Wuzhen, NWF Wu-fen Shan, NWF Wu-fen Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, WHF Hehuan Shan, WHF Hehuan Shan, TATO Taipei, TATO Taipei, ES L Shilin, ES L Shilin, TWT Tachien, TWT Tachien, TAP1 Taipei, TAP1 Taipei, TDCB Techu, TDCB Techu, TDCB Techu, TAP Taipei, TAP Taipei, CHGB Renai, CHGB Renai, CHGB Renai, WLTB Daxi, WLTB Daxi, YJNG Yonagunijimaku, YJNG Yonagunijimaku, YM01 YM01, YM01 YM01, YM01 YM01, YM07 YM07, YM07 YM07, YM07 YM07, YM10 YM10, YM10 YM10, YM11 YM11, YM11 YM11, YM05 YM05, YM05 YM05, YM04 YM04, YM04 YM04, YM08 YM08, YM08 YM08, YM12 YM12, YM12 YM12, EGFH Oatungu, EGFH Oatungu, TWS1 Kuangyinshan, TWS1 Kuangyinshan, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, YM03 YM03, YM03 YM03, NTST Danshui, NTST Danshui, LIOB Emu, LIOB Emu, NCU National Centr, NCU National Centr, NCU National Centr, NCU National Centr, NCUH Zhongli, NCUH Zhongli, NSTT Nanjuang, NSTT Nanjuang, TWY Chenhua, TWY Chenhua, SBCB Hsinchu, SBCB Hsinchu, HGSD Ruisui, HGSD Ruisui, EHY Hanyue, EHY Hanyue, NMLH Miaoqi, NMLH Miaoqi, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, TWQ1 Liyutan, TWQ1 Liyutan, SSLB Suaguang, SSLB Suaguang, NSY Sanyli, NSY Sanyli, TYC Yuch, TYC Yuch, YULB Yu-li, YULB Yu-li, PTBS Yuanli, PTBS Yuanli, TWF1 Yuli, TWF1 Yuli, TCU Taichung, TCU Taichung, WJS Zhushan, WJS Zhushan, WNT Mingjian, WNT Mingjian, WNT Mingjian, YUS Yu-Shan, YUS Yu-Shan, YUS Yu-Shan, FULB Fuli, FULB Fuli, WCHH Zhanghua, WCHH Zhanghua, ALS Alishan, ALS Alishan, CHN5 Tsaling, CHN5 Tsaling, WDLH Hsiangshui, WDLH Hsiangshui, IRIF Iriomote-Funau, IRIF Iriomote-Funau, RLNB Erlin, RLNB Erlin, HATJ Hateruma jima, HATJ Hateruma jima, CHN4 Tsauhsan, CHN4 Tsauhsan, TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, STYT Tauyuan, STYT Tauyuan, STYT Tauyuan, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, TWK Hsiangshui, TWK Hsiangshui, JKRS Kuro-shima, JKRS Kuro-shima, SGST Jishiyan, SGST Jishiyan, JIJ Ishigaki jima, JIJ Ishigaki jima, JIJ Ishigaki jima, SSD Sandimen, SSD Sandimen.

ABTX	Ablene, Hawle	2.24 264	P	Pn	04 05 38.0 +0.9
ABTX	baz=84		S	Sn	04 06 07.1 +1.5
NATX	Nacogdoches	2.27 119	ePn	Pn	04 05 38.9 +1.3
NATX	baz=300		eS	Sn	04 06 05.7 -0.6
NATX	Nacogdoches	2.27 119	P	Pn	04 05 38.7 +1.1
WMOK	Wichita Mounta	2.38 322	ePn	Pn	04 05 41.0 +1.9
WMOK	baz=141		eS	Pb	04 05 42.8 +3.7
WMOK	Wichita Mounta	2.38 322	Pb	Pn	04 06 10.7 +1.7
240A	Cam and Jess,	2.90 94	ePn	Pn	04 05 47.3 +1.1
240A	baz=287,SNR=56		eS	Sn	04 05 46.8 +1.1
240A	Cam and Jess,	2.90 94	P	Pn	04 06 21.3 +0.5
140A	Cam and Jess,	2.90 94	ePn	Pn	04 05 47.3 +1.1
140A	baz=275		eS	Sn	04 05 47.5 +1.3
140A	Cam and Jess,	2.90 94	P	Pn	04 06 22.1 +0.4
X39A	Fountain Ranch	2.91 55	P	Sn	04 05 48.1 +1.7
X39A	baz=236		S	Sn	04 06 22.7 +0.6
Z40A	Long Farm, Mag	3.05 82	P	Pn	04 05 49.4 +1.2
Z40A	baz=263,SNR=50		S	Sn	04 06 26.2 +0.7
HKT	Hockley	3.08 161	ePn	Pn	04 05 49.6 +1.0
TUL1	Leonard	3.20 18	ePn	Pn	04 05 51.6 +1.4
TUL1	Leonard	3.20 18	P	Pn	04 05 51.7 +1.4
MIAR	Mount Ida	3.31 59	ePn	Pn	04 05 53.1 +1.3
MIAR	baz=240,SNR=90		eS	Sn	04 06 31.8 -0.1
MIAR	Mount Ida	3.31 59	P	Pn	04 05 52.9 +1.0
Y40A	Okolona	3.31 69	P	Pn	04 05 53.0 +1.1
Y40A	baz=250,SNR=81		S	Sn	04 06 31.1 -0.9
JCT	Junction City	3.37 226	ePn	Pn	04 05 53.6 +0.9
JCT	baz=45		eS	Sn	04 06 32.9 -0.6
JCT	Junction City	3.37 226	P	Pn	04 05 53.7 +0.9
141A	Papa Simpson,	3.46 93	P	Sn	04 05 54.7 +0.8
141A	baz=275,SNR=8.9		S	Sn	04 06 35.9 +0.3
W39A	Magazine	3.54 48	ePn	Pn	04 05 57.4 +2.5
W39A	Magazine	3.54 48	P	Pn	04 05 57.5 +2.5
Z41A	Richland Creek	3.55 83	ePn	Pn	04 05 56.5 +1.4
Z41A	Richland Creek	3.55 83	eS	Sn	04 06 36.6 -1.1
Z41A	Mo Tay, Goldon	3.55 103	ePn	Pn	04 05 56.0 +0.9
Z41A	baz=264,SNR=18		eS	Sn	04 05 55.7 +0.5
Z41A	Mo Tay, Goldon	3.55 103	eS	Sn	04 05 55.5 -2.4
Z41A	Mo Tay, Goldon	3.55 103	P	Pn	04 05 55.6 +0.4
Z41A	baz=284		S	Sn	04 06 37.3 -0.6
341A	Kurthwood	3.59 114	ePn	Pn	04 05 57.3 +1.5
341A	Kurthwood	3.59 114	P	Pn	04 05 56.6 +0.9
341A	Eglette Beard	3.81 73	P	Sn	04 06 39.7 +0.8
Y41A	Eglette Beard	3.81 73	P	Pn	04 05 59.4 +0.6
X40A	Basin Creek Fa	3.83 64	ePn	Pn	04 06 00.3 +1.3
X40A	Basin Creek Fa	3.83 64	eS	Sn	04 06 42.7 -2.1
X40A	Basin Creek Fa	3.83 64	P	Pn	04 05 59.8 +0.8
441A	DeRidder	3.87 122	P	Pn	04 06 01.0 +1.5
W40A	Ferguson Farm,	4.00 54	ePn	Pn	04 06 04.6 +3.2
W40A	baz=245,SNR=76		eS	Sn	04 06 49.7 +0.7
W40A	Ferguson Farm,	4.00 54	P	Pn	04 06 03.7 +2.3
W40A	baz=235,SNR=21		S	Sn	04 06 50.3 +1.3
V39A	Pettigrew	4.06 42	P	Pn	04 06 04.0 +1.7
X41A	Kaden, Bauxite	4.08 65	P	Pn	04 06 03.2 +0.8
242A	Grayson	4.18 100	P	Pn	04 06 04.3 +0.5
342A	Flagon Creek P	4.24 109	ePn	Pb	04 06 05.7 +1.1
342A	Flagon Creek P	4.24 109	eP	Pb	04 06 13.8 -0.4
342A	Flagon Creek P	4.24 109	P	Pn	04 06 05.5 +0.8
HHAR	Hobbs	4.24 36	ePn	Pn	04 06 06.2 +1.5
HHAR	baz=266,SNR=15		eS	Sn	04 06 55.1 +0.2
Z42A	Norrel Spur, H	4.26 83	P	Pn	04 06 05.9 +0.9
142A	Monroe	4.27 93	P	Pn	04 06 05.7 +0.6
541A	Lake Charles	4.30 130	ePn	Pn	04 06 06.6 +1.2
UALR	University of	4.32 63	ePn	Pn	04 06 07.3 +1.6
UALR	Amarillo	4.38 299	ePn	Pn	04 06 55.9 -0.9
AMTX	AMTX	4.38 299	ePn	Pb	04 06 08.7 +2.1
AMTX	AMTX	4.38 299	ePn	Pb	04 05 19.2 +2.5
AMTX	Amarillo	4.38 299	P	Pn	04 06 58.0 -0.5
Y42A	Garnett, Star	4.47 76	P	Pn	04 06 08.6 +1.9
Y42A	baz=258,SNR=33		P	Pn	04 06 08.7 +0.9
CCAR	Cane Creek	4.50 75	ePn	Pn	04 06 09.8 +1.7
V40A	Witts Springs	4.53 49	ePn	Pn	04 06 10.5 +1.9
V40A	Witts Springs	4.53 49	eS	Pb	04 07 20.2 +5.8
V40A	Witts Springs	4.53 49	P	Pn	04 06 10.6 +1.9
U39A	Green Forest	4.55 39	P	Pn	04 06 10.3 +1.4
W41B	Gary Mavity, V	4.57 58	ePn	Pn	04 06 11.2 +2.0
W41B	Gary Mavity, V	4.57 58	eS	Sn	04 07 02.8 -0.2
W41B	Gary Mavity, V	4.57 58	P	Pn	04 06 11.0 +1.8
WHAR	Woolly Hollow	4.60 57	ePn	Pn	04 06 11.8 +2.3
WHAR	Diamond	4.71 27	P	Pn	04 07 03.7 +0.1
T38A	Diamond	4.71 27	P	Pn	04 06 12.6 +1.4
143A	Socs Landing,	4.72 90	ePn	Pn	04 06 12.0 +0.8
143A	Socs Landing,	4.72 90	P	Pn	04 06 11.8 +0.6
X42A	Stuttgar	4.79 68	P	Pn	04 06 13.7 +1.5
U40A	Yellville	4.88 43	P	Pn	04 06 14.7 +1.2
MXST	Muleshoe	4.95 284	ePn	Pn	04 06 16.1 +1.6
MXST	Muleshoe	4.95 284	eS	Sn	04 07 11.3 -1.2
MXST	Muleshoe	4.95 284	P	Pn	04 06 15.9 +1.4
V41A	Mountainview	4.95 53	P	Pn	04 06 15.6 +1.1
833A	Chaparral WMA,	4.98 205	ePn	Pn	04 06 15.9 +1.1
833A	Chaparral WMA,	4.98 205	eS	Pb	04 07 36.2 -2.5
833A	Chaparral WMA,	4.98 205	P	Pn	04 06 15.9 +1.1
T39A	Bald Knob	5.10 35	P	Pn	04 06 17.4 +0.9
W42A	Bald Knob	5.14 61	P	Pn	04 06 18.0 +1.0
Y43A	Makayla and Ka	5.19 77	P	Pn	04 06 19.2 +1.6
X43A	Marvell	5.36 70	ePn	Pn	04 06 21.1 +1.1
X43A	Marvell	5.36 70	eS	Sn	04 07 20.9 -1.6
X43A	Marvell	5.36 70	P	Pn	04 06 21.5 +1.5
S38A	Stockton	5.38 27	P	Pn	04 06 21.7 +1.3
U41A	Viola	5.44 49	P	Pn	04 06 22.1 +1.0
V42A	Cord	5.49 56	P	Pn	04 06 22.8 +1.0
344A	Westbrook Farm	5.50 103	ePn	Pn	04 06 22.8 +0.8
344A	Vicksburg	5.51 95	ePn	Pn	04 07 23.5 -2.4
VBMS	Vicksburg	5.51 95	ePn	Pn	04 06 22.3 +0.2
VBMS	Vicksburg	5.51 95	P	Pn	04 06 22.6 +0.5

Z44A	Pea Ridge, Bel	5.53 84	P	Pn	04 06 23.2 +0.9
144A	Alexander Plac	5.55 91	P	Pn	04 06 23.3 +0.7
T40A	Mansfield	5.64 39	P	Pn	04 06 25.2 +1.3
S39A	Bolivar	5.67 31	ePn	Pn	04 06 26.0 +1.6
S39A	Bolivar	5.67 31	eS	Pb	04 07 57.4 -3.7
S39A	Bolivar	5.67 31	P	Pn	04 06 25.1 +1.7
W43A	Forest City	5.68 65	P	Pn	04 06 25.6 +1.2
CPRX	Cap Rock	5.77 273	ePn	Pn	04 06 27.0 +1.2
Y44A	Strider, Charl	5.78 77	P	Pn	04 06 26.7 +0.8
U42A	Reviden	5.89 52	P	Pn	04 06 28.6 +1.4
X44A	Crenshaw	5.94 72	P	Pn	04 06 28.8 +0.8
T41A	Mountain View	5.99 44	P	Pn	04 06 30.2 +1.5
Z45A	Winona	6.15 83	ePn	Pn	04 06 31.5 +0.5
Z45A	Winona	6.15 83	P	Pn	04 06 32.0 +1.0
KSU1	Kansas State U	6.23 3	ePn	Pn	04 06 34.1 +2.1
KSU1	Kansas State U	6.23 3	eS	Pb	04 08 17.8 -1.0
KSU1	Kansas State U	6.23 3	P	Pn	04 06 32.2 +0.3
GD12	Guadalupe Moun	6.25 266	ePn	Pn	04 06 32.7 +0.2
GD12	Guadalupe Moun	6.25 266	eP	Pb	04 06 52.1 +3.4
GD12	Guadalupe Moun	6.25 266	eS	Pb	04 04 13.8 +1.0
Y45A	Yeager Farm, C	6.32 79	P	Pn	04 06 33.9 +0.6
CBKS	Cedar Bluff	6.33 340	ePn	Pn	04 06 34.1 +0.7
CBKS	Cedar Bluff	6.33 340	eS	Sn	04 07 45.6 -0.9
CBKS	Cedar Bluff	6.33 340	eS	Pb	04 08 17.0 +1.1
CBKS	Cedar Bluff	6.33 340	P	Pn	04 06 34.4 +1.0
S41A	Jill Farms,	6.38 41	P	Pn	04 06 35.8 +1.8
T42A	Van Buren	6.38 48	ePn	Pn	04 06 35.5 +1.4
T42A	Van Buren	6.38 48	eS	Sn	04 07 45.9 -1.8
T42A	Van Buren	6.38 48	P	Pn	04 06 35.6 +1.5
U43A	Rector	6.46 55	P	Pn	04 06 36.8 +1.7
X45A	UM Field Stati	6.53 74	P	Pn	04 06 36.9 +0.8
OXF	Oxford	6.54 73	ePn	Pn	04 06 37.0 +0.8
OXF	Oxford	6.54 73	eS	Sn	04 07 48.4 -3.0
OXF	Oxford	6.54 73	P	Pn	04 06 37.3 +1.0
GNAR	Geonell	6.55 60	ePn	Pn	04 06 35.5 -0.8
PBMO	Poplar Bluff	6.67 52	ePn	Pn	04 06 38.8 +0.8
PBMO	Poplar Bluff	6.67 52	eS	Sn	04 07 52.0 -2.6
Q38A	Cooks Store, C	6.67 23	P	Pn	04 06 38.6 +0.6
146A	Union	6.70 90	ePn	Pn	04 06 38.4 +0.0
146A	Union	6.70 90	eS	Sn	04 07 52.7 -2.7
146A	Union	6.70 90	P	Pn	04 06 39.2 +0.7
TXAR	Lajitas Array	6.71 240	Pn	Sn	04 06 39.2 +0.5
TXAR	2.8mm,0.3s,baz=60,slow=13,SNR=21		S	Sn	04 07 56.0 0.0
TXAR	2.8mm,0.3s,baz=67,slow=17,SNR=3.8		Lg	Lg	04 08 32.5
TXAR	6.0mm,0.3s,baz=53,slow=24,SNR=8.3		Lg	Lg	04 08 30.8 -3.7
TX31	Lajitas Ar, Si	6.71 240	eS	Pb	04 06 41.8 +0.9
W45A	Hickory Valley	6.88 68	P	Pn	04 06 41.8 +0.9
Y46A	Houston	6.89 79	P	Pn	04 06 42.2 +1.2
T43A	Greenville	6.93 51	P	Pn	04 06 43.0 +1.4
S42A	Caledonia	7.05 44	P	Pn	04 06 44.4 +1.2
P42A	Panola	7.07 56	eS	Sn	04 08 02.6 -1.8
R41A	Rosebud	7.09 39	P	Pn	04 06 45.1 +1.2
MNTX	Cornudas Mount	7.19 263	ePn	Pn	04 06 46.5 +1.2
MNTX	Cornudas Mount	7.19 263	eP	Pb	04 07 12.7 +8.1
MNTX	Cornudas Mount	7.19 263	eS	Pb	04 08 45.9 -3.9
MNTX	Cornudas Mount	7.19 263	P	Pn	04 06 46.4 +1.2
U44B	Burton Farm, H	7.20 59	P	Pn	04 06 44.1 +0.9
GLAT	Glenn	7.21 60	eS	Sn	04 08 05.4 -2.7
X46A	Booneville	7.21 74	P	Pn	04 06 45.8 +0.3
S43A	Fulton Ridge,	7.36 48	P	Pn	04 06 48.6 +1.1
447A	Kedale	7.40 104	ePn	Pn	04 06 46.8 -1.2
R42A	Luebbering	7.40 41	P	Pn	04 06 49.3 +1.3
T25A	Trinidad	7.42 307	ePn	Pn	04 06 50.5 +1.9
T25A	Trinidad	7.42 307	eP	Pb	04 07 18.3 -2.7
T25A	Trinidad	7.42 307	eS	Pb	04 06 52.2 -5.0
T25A	Trinidad	7.42 307	P	Pn	04 06 50.1 +1.5
W46A	Michie	7.51 70	P	Pn	04 06 49.8 +0.3
U45A	Rockin P Farm,	7.63 61	P	Pn	04 06 52.2 +1.0
KSCO	Kaye Shedlock	7.64 325	ePn	Pn	04 06 51.9 +0.4
KSCO	Kaye Shedlock	7.64 325	P	Pn	04 06 52.2 +0.7
Q41A	Truxton	7.67 36	P	Pn	04 06 52.6 +0.9
PLAL	Pickwick Lake	7.71 72	ePn	Pn	04 06 53.0 +0.6
X47A	Russellville	7.80 75	P	Pn	04 06 53.7 +0.2
348A	Jackson	7.85 98	ePn	Pn	04 06 52.4 -1.9
R43A	Red Bud	7.89 45	P	Pn	04 06 55.9 +1.1
V46A	Holladay	7.91 66	P	Pn	04 06 55.2 +0.2
Z48A	Northport	7.94 84	P	Pn	04 06 56.8 +1.4
S1M	Saint Louis	7.96 42	ePn	Pn	04 06 53.9 -1.8
SLUC	Southern Illin	7.99 51	ePn	Pn	04 06 54.4 -0.8
EPT	EI Paso	8.12 265	ePn	Pn	04 06 58.4 +0.4
EPT	EI Paso	8.12 265	eP	Pb	04 07 29.5 +9.1
EPT	EI Paso	8.12 265	eS	Pb	04 09 18.1 -1.4
EPT	EI Paso	8.12 265	P	Pn	04 06 58.7 +0.4
ANMO	Albuquerque	8.13 287	ePn	Pn	04 07 29.9 +9.3
ANMO	Albuquerque	8.13 287	eP	Pb	04 07 29.9 +9.3
ANMO	Albuquerque	8.13 287	eS	Pb	04 09 12.2 -7.7
ANMO	Albuquerque	8.13 287	P	Pn	

30d 5h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, TXAR Mina Array Bea, PDAR Pinedale Array, NEW Newport, SDV Santo Domingo, SJG San Juan, ILAR Eielson Array.

ADC 30 04:23:07.3-1.1, 38.83N, 71.94E, h0km, mb3.7/6, mb1.3/1.2, mb1mx3.6/4.7, mbtmp3.7/1.2, ML3.1/6, MS2.6/2, Ms1.2/6.2, ms1mx2.2/3.7, Error ellipse: s-maj=20.6km s-min=19.0km az=147.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DRK Karamyk, BTK Batken, BTK Sufi-Kurgan, SFK Sufi-Kurgan, ARSB Arslanbob, ARK Arkik, AML Almayashu, MNAS Manas, KSH Kashi, UCH Uchoy, EKS2 Erkin-Say, KZA Kyzart, NRN Naryn, AAK Ala-Archa, KK31 Karatay Array, KBK Karagumbulak, CHMS Chumysh, USP Oshpenovka, ULHL Ulahol, TKM2 Tokmak 2, MDOK Medeo, PDGK Podgornoye, MKAR Makanchi Array, MKAR Kurchatov Arra, AB31 Akbulak Array, BVAR Borovoye Array, AKTO Aktyubinsk, ZALV Zalesovo Beam, ARU Art, SONM Songino Array, FINES Fines Array B, TORD Torodi Arr. Bea, ILAR Eielson Array, YKA Yellowknife Arr, WRA Warramunga Arr.

2012 SEP

comp=E,0.2nm,0.7s,baz=318,slow=4.1,SNR=2.9

ISCJB 30 04:26:00.0,0.5,37.31N,0.03:37.10E,0.03,h11km,4km, Error ellipse: s-maj=6.0km s-min=4.0km az=28.0 DDA 30 04:26:59.1,37.28N,37.11E,h7km,ML3.1 ISK 30 04:26:59.4,37.34N,37.11E,h12km,ML2.5

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like GAZ Gaziantep, KMRS Kahramanmaraş, KUZU Kuzuini, ANDN Andirin, ANDN Andin, ATAB Atbara, ELBS Bohra, KOZT Kozan, SAIM Adana, AKCD Akcadag, TAHT Tahtakopru-Hat, DARE Darandemalaty, SURC SaranliuFRA, YURE Yuregir, YURA Yurfa, SANL SaranliuFRA, YAYL Yayladag, PTK Pertek.

ADC 30 04:34:26.3-1.6, 2.84N, 126.92E, h0km, mb3.6/4, mb1.3/9.5, mb1mx3.6/35, mbtmp3.7/5, ML4.2/1, Error ellipse: s-maj=66.1km s-min=23.6km az=64.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SGSI Sangihe, TINTI Ternate, SIJI Siji, SIJU Siju, SANI Sanjaya, MRSI Marisa, MPST Mapaga, KDI Kendari, EDFI Ende, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

MEX 30 04:35:00.9-0.5, 15.93N, 98.60W, h19km, 123km, MD3.6, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, TLIG Tiapa.

TRN 30 04:36:37.2-6.1, 18.02N, 63.26W, h121km, MD3.7

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SABA Saba, SMRT St. Maarten, SEUR St. Eustatius, SEUS St. Eustatius, NVRH Round Hill, NEV Hard Times, ANWB Willy Bob, BPA Boggy Peak, SEG Port Louis, LZG Guadalupe-1, MLG Mont-d'or, FNG Fond-Bernard, CRG Carmichael, TAG Tarade, ECG Echell, DOG Dono Capester, TBG Guadalupe-3, DEG La Desirade, HOSN1 Guadeloupe/Mar, HOSN1 Guadeloupe/Mar, SJG San Juan, SJJ San Juan, SGG San Juan, MDVC Martin-Galante, MDVC Martin-Galante, MDVC Martin-Galante, MDPO Martin-Galante, BBL Barber's Block, HOSN1 Guadeloupe/Mar, HOSN1 Guadeloupe/Mar, NVAR Mina Array Bea, GERES GERES Array B, ILAR Eielson Array.

ISCJB 30 04:46:06.4-0.7, 16.3S, 0.2-174.8W, 0.2, h300km, mb3.7/9, Error ellipse: s-maj=35.8km s-min=9.3km az=144.9

ISC 30 04:46:07.3-1.8, 16.28S, 174.82W, h295km, mb3.5/9, mb1.3/7.1, mb1mx3.4/38, mbtmp4.2/1.1, Error ellipse: s-maj=57.7km s-min=11.9km az=147.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ALOL LOMAS DE OLMED, HJA Humahuaca, ZAP Zapla, AZAP Azap, YJA Yavi, YLA Yala, SLA San Lorenzo, FSA Cafayete.

1580

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, URZ Urewera, CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, YBH Yreka Blue Hor, NVAR Nima Array Bea, Lajitas Array, ILAR Eielson Array, PDAR Pinedale Array.

ADC 30 04:50:06.0-0.7, 21.108S, 174.40W, h0km, mb4.1/13, mb1.4/15, mb1mx4.2/35, mbtmp4.1/15, ML3.7/2, MS3.4/3, Ms1.3/5.3, ms1mx3.0/31, Error ellipse: s-maj=26.6km s-min=17.0km az=136.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalu, RAR Rarotonga, DZM Mont Dzumac, DZM Mont Dzumac, URZ Urewera, PPT2 Papeete2, TAOE Nuku Hiva Isla, CTAO Charters Tower, PMG Port Moresby, ASAR Alice Springs, ASAR Alice Springs, WRAB Wernef Creek, WRA Warramunga Arr, WVA Vanda, MNDA Marble Bar, CASY Casey, MJAR Matsushiro Arr, PETK Petropavlovsk, YBH Yreka Blue Hor, NVAR Nima Array Bea, KSRS Kora Array, KSAR Kora Array, MAW Mawson, TXAR Lajitas Array, PDAR Pinedale Array, SNAA Sanae, COLA College, ILAR Eielson Array, CMAR Chiang Mai Arr, CHTO Chiang Mai, INK Inuvik, LPAZ La Paz, KURK Kurchatov, AKASG Malin Array Bea, KIEV Kiev, CLL Collin, DPC Dobruska-Polom, DPC Dobruska-Polom, BRTR Keskin Array B, BCLA Clavie Array, DOU Dourbes, KHC Kasperske Hory, GERES GERES Array B, LPAZ La Paz, LVC Lomonosov, NNA Nana, NNA Nana, NNA Nana, PB10 IPOC Station P, PTGA Pitinga, TORD Torodi Arr. Bea, WRA Warramunga Arr.

ISC 30 05:05:04.1-1.7, 15.88S, 0.7-29W, h222km, 11km, mb3.2/1, mb1.3/4.4, mb1mx3.1/27, mbtmp4.0/4, Error ellipse: s-maj=40.2km s-min=20.8km az=19.0

ISC 30 05:05:03.0-1.0, 15.85S, 0.1-170.40W, 0.1, h200km, n11, e192/8, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like LPAZ La Paz, KURK Kurchatov, AKASG Malin Array Bea, KIEV Kiev, CLL Collin, DPC Dobruska-Polom, BRTR Keskin Array B, BCLA Clavie Array, DOU Dourbes, KHC Kasperske Hory, GERES GERES Array B, LPAZ La Paz, LVC Lomonosov, NNA Nana, NNA Nana, NNA Nana, PB10 IPOC Station P, PTGA Pitinga, TORD Torodi Arr. Bea, WRA Warramunga Arr.

SJA 30 05:06:03.9-1.0, 23.16S, 64.36W, h10km, 15km, ML1.8, MW2.6, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ALOL LOMAS DE OLMED, HJA Humahuaca, ZAP Zapla, AZAP Azap, YJA Yavi, YLA Yala, SLA San Lorenzo, FSA Cafayete.

IDC 30 05:14:52.6.4.7, 39.85N-46.69E, h0km, mb3.7/2, mb1 3.9/4, mb1mx3.4/35, mbtmp3.7/4, ML3.5/2, Error ellipse: s-maj=103.4km s-min=16.6km az=32.0
 AZER 30 05:14:52.2.0.1, 40.37N-46.39E, h12km, ml3.9/28, Error ellipse: s-maj=0.3km s-min=0.1km az=33.0
 NSSP 30 05:14:53.0, 40.23N-46.40E, h10km, Ms3.5
 TEH 30 05:14:53.2, 40.34N-46.44E, h16km, ML3.8
 DRS 30 05:14:54.7.0.0, 40.51N-46.51E, h12km
 THR 30 05:14:54.4.0.6, 40.19N-46.50E, h14km, 8km, ML3.6
 NORS 30 05:14:54.6.0.0, 40.57N-46.51E, h1km, MPVA4.4
 MOS 30 05:14:54.3.1.0, 40.28N-46.52E, h12km, mb4.3/1, Error ellipse: s-maj=8.3km s-min=4.7km az=90.7
 TIF 30 05:14:54.2, 40.39N-46.41E, h12km-4km
 DDA 30 05:14:56.8, 40.39N-46.07E, h6km, ML3.6
 NNC 30 05:15:0.7.7.0, 40.64N-48.30E, h0km, mb3.7, Error ellipse: s-maj=92.2km s-min=54.9km az=98.0
 ISC 30 05:14:54.4.0.9, 40.31N-02.46E, 0.01, h14km, 7km, n135, c1959/207, 43C-25D, Eastern Caucasus

Code	Station Name	Δ° AZ°	Phase ID	ISC	h	m	s	Res
GBS	Qobustan	1.91 83	ePn	Pb	05 15 28.4	-0.6		
SEAG	Tbilisi Sea	1.92 320	P	Pn	05 15 27.6	+1.0		
SEAG	Delisi	1.92 318	P	Pb	05 15 22.8	-0.2		
TBLG	Delisi	1.92 318	P	Pb	05 15 27.3	+0.5		
TBLG	Delisi	1.92 318	P	Pb	05 15 23.0	-0.8		
TBLG	Delisi	1.92 318	P	Pb	05 15 27.0	+0.5		
ATGJ	Altiaghaj	1.96 73	PG	Pn	05 15 28.8	+1.4		
ATGJ	Altiaghaj	1.96 73	PG	Pn	05 15 26.6	-0.9		
ALIB	&Aumi;I-Bayra	1.98 100	PG	Pn	05 15 30.0	-0.3		
SIZA	Slyzn	2.00 67	PG	Sg	05 15 57.4	-1.5		
IHRH	Heris	2.04 167	ePn	Pn	05 15 29.0	+0.4		
IHRH	Heris	2.04 167	ePn	Pn	05 15 56.9			
IHRH	Heris	2.04 167	ePn	Pn	05 15 58.0			
URKR	Urakarakh	2.05 251	ePn	Pb	05 15 30.9	-0.6		
URKR	Urakarakh	2.05 251	ePn	Pb	05 15 58.9			
GMRZ	Gyumri	2.06 285	ePn	Pb	05 15 31.0	-0.7		
GMRZ	Gyumri	2.06 285	ePn	Pb	05 16 03.0	+2.3		
ITBZ	Tabriz	2.09 187	ePn	Pn	05 15 30.7	+1.5		
ITBZ	Tabriz	2.09 187	ePn	Pn	05 15 32.0			
ITBZ	Tabriz	2.09 187	ePn	Pn	05 15 34.5			
ITBZ	Tabriz	2.09 187	ePn	Pn	05 16 00.7			
GNBR	Gunib	2.11 10	ePn	Pb	05 15 31.6	-0.8		
GNBR	Gunib	2.11 10	ePn	Pb	05 15 59.3	+0.8		
GNBR	Gunib	2.11 10	ePn	Pb	05 15 31.6	-0.8		
GNBR	Gunib	2.11 10	ePn	Pb	05 15 31.6	-0.8		
ISHB	Shabestar	2.13 198	ePn	Pn	05 15 30.8	+1.0		
ISHB	Shabestar	2.13 198	ePn	Pn	05 15 33.0			
ISHB	Shabestar	2.13 198	ePn	Pn	05 15 33.1			
TRLG	Trialeti	2.17 305	P	Pn	05 15 31.1	+0.9		
TRLG	Trialeti	2.17 305	P	Pn	05 15 58.7	-1.5		
TRLG	Trialeti	2.17 305	P	Pn	05 15 31.0	+0.1		
LRK	Lerik	2.21 138	Pn	Pn	05 16 00.8	-0.8		
LRK	Lerik	2.21 138	Pn	Pn	05 15 32.8	-1.5		
DUS	Dusheti	2.21 324	P	Pb	05 16 01.6	-0.1		
DUS	Dusheti	2.21 324	P	Pb	05 15 32.8	-1.5		
DUS	Dusheti	2.21 324	P	Pb	05 16 01.5	-0.1		
DRN	Derbent	2.22 39	ePn	Pn	05 15 34.7	+0.4		
DRN	Derbent	2.22 39	ePn	Pn	05 15 34.7	+0.4		
DRN	Derbent	2.22 39	ePn	Pn	05 16 04.4	-1.3		
DRN	Derbent	2.22 39	ePn	Pn	05 15 34.2	-0.4		
XNZR	Khunzakh	2.23 51	ePn	Pn	05 16 04.0			
CLDR	Caldiran	2.28 240	P	Pb	05 16 07.8	-1.7		
CLDR	Caldiran	2.28 240	P	Pb	05 16 07.0	-0.7		
BTLR	Botlikh	2.35 356	ePn	Pn	05 15 35.4	-1.2		
BTLR	Botlikh	2.35 356	ePn	Pn	05 16 06.4			
BTLR	Botlikh	2.35 356	ePn	Pn	05 15 35.5	-1.2		
BTLR	Botlikh	2.35 356	ePn	Pn	05 16 06.5	+0.9		
DIGO	Kars	2.36 273	P	Pb	05 15 35.6	-1.2		
DIGO	Kars	2.36 273	P	Pb	05 16 00.0	-0.2		
BGD	Bogdanovka	2.37 295	P	Pb	05 15 36.1	-0.9		
BGD	Bogdanovka	2.37 295	P	Pb	05 16 07.0	+0.8		
LKRN	Lenkeran, Azer	2.41 131	Pn	Pn	05 15 33.5	+0.2		
LKRN	Lenkeran, Azer	2.41 131	Pn	Pn	05 15 33.6	+0.2		
LKRN	Lenkeran, Azer	2.41 131	Pn	Pn	05 16 05.4	-1.5		
AKH	Akhalkalaki	2.50 297	P	Pb	05 15 37.8	-1.5		
AKH	Akhalkalaki	2.50 297	P	Pb	05 16 01.1	+0.1		
AKH	Akhalkalaki	2.50 297	P	Pb	05 15 37.7	-1.5		
AKH	Akhalkalaki	2.50 297	P	Pb	05 16 00.0	+0.1		
ASTR	Astara	2.52 133	PG	Pn	05 15 35.1	+0.2		
ASTR	Astara	2.52 133	PG	Pn	05 16 08.4	-1.8		
GUDG	Gudauri	2.62 326	P	Pb	05 15 39.0	-2.2		
GUDG	Gudauri	2.62 326	P	Pb	05 16 12.1	-1.2		
IBST	Bostanabad	2.63 173	ePn	Pn	05 15 37.3	+0.6		
IBST	Bostanabad	2.63 173	ePn	Pn	05 15 40.7			
IBST	Bostanabad	2.63 173	ePn	Pn	05 16 15.8			
ISRB	Sarab	2.66 159	ePn	Pn	05 15 38.5	+1.5		
ISRB	Sarab	2.66 159	ePn	Pn	05 15 49.2			
ISRB	Sarab	2.66 159	ePn	Pn	05 16 16.9			
ISRB	Sarab	2.66 159	ePn	Pn	05 16 20.1			
GROC	Groznyy	2.93 350	ePn	Pb	05 15 47.6	+1.2		
GROC	Groznyy	2.93 350	ePn	Pb	05 16 26.8	-1.6		
GROC	Groznyy	2.93 350	ePn	Pb	05 15 47.6	+1.2		
GROC	Groznyy	2.93 350	ePn	Pb	05 16 26.8	-1.6		
LACR	Lac	2.99 328	ePn	Pn	05 15 43.8	+2.3		
LACR	Lac	2.99 328	ePn	Pn	05 16 22.0	-1.9		
LACR	Lac	2.99 328	ePn	Pn	05 15 43.8	+2.3		
LACR	Lac	2.99 328	ePn	Pn	05 16 22.0	-1.9		
ZEI	Tsey	3.13 323	ePn	Pn	05 16 25.1	-3.0		
ZEI	Tsey	3.13 323	ePn	Pn	05 16 40.0	+2.5		
ZEI	Tsey	3.13 323	ePn	Pn	05 16 25.1	-3.0		
ZEI	Tsey	3.13 323	ePn	Pn	05 16 40.0	+2.5		
ONI	Oni	3.21 316	P	Pb	05 15 49.4	-1.7		
ONI	Oni	3.21 316	P	Pb	05 16 11.1	+1.0		
ONI	Oni	3.21 316	P	Pb	05 15 49.4	-1.7		
ONI	Oni	3.21 316	P	Pb	05 16 11.1	+1.0		
DIGR	Digorskoie uzhe	3.37 321	ePn	Pn	05 15 50.1	+3.4		
DIGR	Digorskoie uzhe	3.37 321	ePn	Pn	05 16 30.9	-3.9		
DIGR	Digorskoie uzhe	3.37 321	ePn	Pn	05 15 50.1	+3.4		
DIGR	Digorskoie uzhe	3.37 321	ePn	Pn	05 16 30.9	-3.9		
DAGI	Dagisarsk	3.54 284	P	Pb	05 15 56.5	-0.4		
DAGI	Dagisarsk	3.54 284	P	Pb	05 16 42.5	-2.8		
DAGI	Dagisarsk	3.54 284	P	Pb	05 15 57.0	-0.1		
DAGI	Dagisarsk	3.54 284	P	Pb	05 16 40.0	+0.5		
ARTV	Artvin	3.59 286	P	Pb	05 16 01.0	+1.6		
ARTV	Artvin	3.59 286	P	Pb	05 16 07.0	+0.3		
DBAD	Bademkaya	3.69 283	P	Pb	05 16 02.7	+0.3		
DBAD	Bademkaya	3.69 283	P	Pb	05 16 02.7	+0.3		
DBOC	Borcka	3.78 287	P	Pb	05 16 02.7	+1.8		
DBOC	Borcka	3.78 287	P	Pb	05 16 51.8	-4.0		
NCK	Naichik	3.83 327	Pn	Pn	05 15 56.2	+3.2		
NCK	Naichik	3.83 327	Pn	Pn	05 15 56.7	+0.7		
ZNUK	Zanjani	4.04 154	ePn	Pn	05 15 46.0	+2.5		
NEY	Neytrino	4.05 318	Pn	Pn	05 16 00.1	+4.0		
KBZ	Khabaz	4.32 323	Pn	Pb	05 16 09.8	-0.3		
KBZ	Khabaz	4.32 323	Pn	Pb	05 17 05.0	+2.9		
KBZ	Khabaz	4.32 323	Pn	Pb	05 17 05.0	+2.9		
KIV	Kislovodsk	4.59 324	Pn	Pn	05 16 07.2	+3.7		
IGLO	Ghaloghad	6.92 121	ePn	Pn	05 16 34.1	-1.6		
IGLO	Ghaloghad	6.92 121	ePn	Pn	05 18 04.9			
IGLO	Ghaloghad	6.92 121	ePn	Pn	05 18 06.6			
IGLO	Ghaloghad	6.92 121	ePn	Pn	05 18 16.1			
ISHM	Shahmirzad	7.02 128	ePn	Pn	05 16 37.4	+0.4		
ISHM	Shahmirzad	7.02 128	ePn	Pn	05 16 51.3			
GEYT	Alibeck	9.37 101	Pn	Pn	05 17 05.5	-3.5		
GEYT	Alibeck	9.37 101	Pn	Pn	05 18 49.7	-4.5		
AKTO	Aktyubinsk	12.96 35	PG	Pn	05 18 02.4	+4.4		
AKTO	Aktyubinsk	12.96 35	PG	Pn	05 18 02.4	+4.4		
AKTO	Aktyubinsk	12.96 35	PG	Pn	05 18 02.4	+4.4		
AKTO	Aktyubinsk	12.96 35	PG	Pn	05 18 02.4	+4.4		
AB31	Akbulak array	13.08 42	P	Pn	05 18 00.1	+0.4		
AB31	Akbulak array	13.08 42	P	Pn	05 18 01.1	-6.9		
AB31	Akbulak array	13.08 42	P	Pn	05 18 00.2	+0.4		
ARU	Arti	17.97 22	P	Pn	05 19 04.9	+0.8		
ARU	Arti	17.97 22	P	Pn	05 19 04.9	+0.8		
KK31	Karatay Array	18.16 73	P	P	05 19 07.5	+1.1		
KK31	Karatay Array	18.16 73	P	P	05 19 07.5	+1.1		
BRVK	Borovyoye	20.61 44	P	Pn	05 19 36.8	+1.5		
FINES	FINES Array B	24.55 336	P	P	05 20 16.3	+2.9		

Code	Station Name	Δ° AZ°	Phase ID	ISC	h	m	s	Res
comp=Z,6.7nm,1.1s,baz=148,slow=12,SNR=3.3								
MKAR	Makanchi Array	26.59 64	P	P	05 20 33.4	+1.2		
MKAR	Makanchi Array	26.59 64	P	P	05 20 33.4	+1.2		
comp=Z,2.0nm,0.4s,baz=259,slow=7.1,SNR=3.1								
SJA 30 05:16:52.3.0.7, 23.75S-64.48W, h23km, 3km, ML3.2, MW3.7, Jujuy Province								
Code	Station Name	Δ° AZ°	Phase ID	ISC	h	m	s	Res
ALOL	LOMAS DE OLMED	0.46 98	eP	Pb	05 17 02.0	+0.2		
ALOL	LOMAS DE OLMED	0.46 98	eP	Pb	05 17 09.0	+1.2		
AZAP	Zapla	0.71 229	ePn	Pn	05 17 07.0	-0.2		
AZAP	Zapla	0.71 229	ePn	Pn	05 17 17.9	+0.4		
AZAP	Zapla	0.71 229	ePn	Pn	05 17 24.8			
comp=Z,2.0um,0.4s								
HJA	Humahuaca	1.01 302	eP	Pn	05 17 12.8	+1.4		
HJA	Humahuaca	1.01 302	eP	Pn	05 17 27.5	+2.4		
HJA	Humahuaca	1.01 302	eP	Pn	05 17 34.6			
comp=Z,300nm,0.4s								
SLA	San Lorenzo	1.34 224	eP	Pn	05 17 18.4	+1.5		
SLA	San Lorenzo	1.34 224	eP	Pn	05 17 41.2			
comp=Z,789nm,0.5s								
YJA	Yavi	1.83 329	eP	Pb	05 17 25.7	+0.2		
YJA	Yavi	1.83 329	eP	Pb	05 17 53.5			
comp=Z,153nm,0.3s								
FSA	Cafayete	2.71 210	eP	Pn	05 17			

Table with columns: S22A, S22A, ISCO, MVCO, PV01, PV02, PV13, PV03, EYMN, PV12, N23A, PV18, PV11, PV05, PV16, PV17, WUAZ, WUAZ, PV22, O20A, U15A, K22A, SRU, PKCU, P17A, IRM, MPU, JLU, PD31, PDAR, BW06, BW06, TCUT, DUG, DUG, REDW, LEHW, R11A, TPWA, MOOW, FXWY, RLMT, RLMT, IMW, YHH, BOZ, BOZ, NVAR, NVAR, MCMT, HLID, HLID, DLM, HRY, MSO, MSO, WVOR, NEW, B08A, B05A, YKA, IL1, ILAR, RND, BPAW, TOAD, TORO, ASAR, WRA, CMAR

Table with columns: PEL, FCH, FCH, RFA, RFA, AAGR, AUSP, ASAL, RTLS, RTLS, RTLL

ISCJB 30 09:44:37.3±0.6, 27.12N:0.04±11.40W:0.05, h10km, mb3.0/1, MS3.3/2, Error ellipse: s-maj=6.4km s-min=6.0km az=151.1

ISC 30 09:44:39.0±3.3, 27.06N:111.33W, h0km, mb3.1/1, mb1 3.5/5, mb1mx3.4/34, mbtmp3.1/5, ML3.4/4, MS3.4/2, Ms1 3.3/2, ms1mx2.9/14, Error ellipse: s-maj=44.3km s-min=18.5km az=4.0

MEX 30 09:44:39.6±0.4, 27.13N:111.49W, h5km, MD3.6

ISC 30 09:44:39.5±0.3, 27.11N:111.00W:0.06±11.44W:0.05, h10km, n12, c=23/15, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

ISCJB 30 09:49:15.1±1.3, 27.19N:0.10±11.44W:0.05, h10km, mb3.1/1, MS3.1/5, Error ellipse: s-maj=14.6km s-min=9.9km az=166.3

ISC 30 09:49:17.2±3.4, 27.00N:111.24W, h0km, mb3.2/1, mb1 3.6/5, mb1mx3.4/34, mbtmp3.2/5, ML3.5/4, MS3.4/9, Ms1 3.3/9, ms1mx3.2/16, Error ellipse: s-maj=44.4km s-min=19.3km az=3.0

MEX 30 09:49:18.6±0.4, 27.23N:111.52W, h10km, MD3.7

ISC 30 09:49:18.5±1.4, 27.30N:0.11±11.49W:0.06, h10km, n14, c=23/11, MS3.3/5, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

ISC 30 09:50:40.9±7.3, 27.20N:8.20E, h7km, ML1.8/7

ISCJB 30 09:50:41.5±0.5, 27.25N:0.03±28.26E:0.04, h0km, Error ellipse: s-maj=5.1km s-min=3.6km az=142.4

DDA 30 09:50:41.5±0.5, 27.21N:28.26E, h8km, M2.5, Suspected Mining explosion.

ISC 30 09:50:40.6±0.9, 37.30N:0.04±28.29E:0.04, h0km, n15, c=05/29, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

MEX 30 10:17:33.6±0.4, 16.84N:94.85W, h105km±3km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

Table with columns: PCIG, PCIG, 1.93 125 eP, Pn, 10 18 04.1 -1.4, 10 18 28.4 -1.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

ISK 30 10:37:50.9±39.47N:28.81E, h14km, ML1.5/3

ISCJB 30 10:37:51.7±0.6, 39.50N:0.03±28.82E:0.04, h3km, 8km, Error ellipse: s-maj=6.0km s-min=4.6km az=154.0

DDA 30 10:37:54.1±39.40N:28.79E, h7km, M2.5

ISC 30 10:37:51.3±1.2, 39.52N:0.04±28.81E:0.04, h13km±10km, n9, c=09/17, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

MEX 30 10:39:26.3±0.5, 27.05N:111.43W, h16km±9km, MD3.8, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

KRSC 30 11:04:29.4±1.8, 56.77N:164.17E, h48km±24km, ML3.6, Komandorski Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

ISCJB 30 11:07:24.3±0.7, 2.40N:0.08±99.06E:0.08, h162km, 8km, mb3.1/2, Error ellipse: s-maj=13.2km s-min=11.6km az=137.4

ISC 30 11:07:25.3±1.7, 2.48N:99.75E, h125km±107km, mb2.9/2, mb1 3.2/3, mb1mx2.9/43, mbtmp3.4/3, ML4.2/1, Error ellipse: s-maj=24.7km s-min=42.1km az=78.0

DJA 30 11:07:27.0±0.2, 2.75S:9.99E, h137km±8km, M2.9/6, ML2.9/6

ISC 30 11:07:25.1±1.1, 2.40N:0.08±99.09E:0.08, h158km, 9km, n9, c=19/05/14, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

WRA Warramunga Arr 41.11 124 P 0.3m, 0.4s, baz=306, slow=9.2, SNR=6.1

ASAR Alice Springs 42.65 129 P 0.3m, 1.0s, baz=302, slow=8.0, SNR=3.6

ISC 30 11:14:33.2±4.2, 6.83S:128.56E, h175km±40km, mb3.3/1, mb1 3.6/5, mb1mx3.1/35, mbtmp4.0/5, Error ellipse: s-maj=40.2km s-min=17.3km az=59.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

30d 13h

Table with columns: WRA, WRA, ASAR, ASAR, MKAR. Includes station names, times, and coordinates.

NAO 30 11:21:25.7-0.8, 67.22N-20.29E, ML2.9
ISCJB 30 11:21:25.1-0.3, 67.15N-0.02-20.68E, 0.06, h0km, Error ellipse: s-maj=3.1km s-min=2.5km az=5.5, HEL 30 11:21:26.8-0.0, 67.19N-20.68E, h1km, ML2.4, ML2.5(UPP)
IDC 30 11:21:26.7-0.7, 67.17N-21.06E, h0km, mb1 3.3/5, mb1mx3.1/41, mb1mp3.5/5, ML2.7/5, Error ellipse: s-maj=14.5km s-min=5.5km az=115.0, UPP 30 11:21:26.2-0.0, 67.19N-20.67E, h0km, ML2.5 BER 30 11:21:26.9-3.7, 67.15N-20.75E, h0km, ML2.4, ML2.9(NAO), Suspected explosion
ISC 30 11:21:25.7-0.7, 67.18N-0.02-20.68E, 0.02, h0km, m53, c=130/88, Sweden

Main table for 30d 13h section, listing station names, times, and coordinates for various stations like DUNU, MASU, KUA, etc.

2012 SEP

Table with columns: HFS, HFS, HFS, HFS, HFS, AKAS. Includes station names, times, and coordinates.

ISCJB 30 11:39:51.4-0.5, 39.94N-0.02-39.69E, 0.04, h0km, 5km, Error ellipse: s-maj=5.8km s-min=4.1km az=10.5
DDA 30 11:39:51.4, 39.94N-39.67E, h1km, ML2.5
ISK 30 11:39:51.0, 39.93N-39.72E, h13km, ML2.6/2
ISC 30 11:39:51.4-0.9, 39.94N-0.03-39.71E, 0.03, h13km, 8km, n15, c=47/24, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like EUZM, ERZN, KALT, etc.

IDC 30 11:50:52.4-8.9, 20.36Sx174.75W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/23, mbtms3.5/3, Error ellipse: s-maj=391.7km s-min=38.4km az=144.0, Tonga Islands

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

ISCJB 30 11:55:24.1-1.6, 16.01N-0.08-98.25W, 0.04, h12km, 6km, mb4.0/5, Error ellipse: s-maj=14.3km s-min=7.0km az=9.5
MEX 30 11:55:27.4-0.5, 16.02N-98.26W, h4km, MKD4.1
NEIC 30 11:55:28.0-0.0, 16.06N-98.26W, h4km, mb3.9/8, M/D4, 1(MEX), After MEX, ISC 30 11:55:27.2-2.5, 16.12N-0.10-98.24W, 0.04, h13km, 12km, n24, c=15/35, mb4.0/5, Near coast of Guerrero

Main table for 2012 SEP section, listing station names, times, and coordinates for various stations like PNIG, TLIG, VHO, etc.

1588

Table with columns: TKL, ILAR, NOA. Includes station names, times, and coordinates.

AZER 30 12:23:40.6-0.8, 38.39N-46.81E, h10km, 20km, m3.1/16, Error ellipse: s-maj=21.0km s-min=5.1km az=18.0
TEH 30 12:23:43.1, 38.40N-46.85E, h4km, ML3.1
NORSAR Array B 82.32 25 LR
ISC 30 12:23:43.6-1.2, 38.44N-0.03-46.83E, 0.02, h0km, 11km, n31, c=99/47, 14C-17D, Iran-Armenia-Azerbaijan border region

Main table for 1588 section, listing station names, times, and coordinates for various stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

GUC 30 12:40:36.1-0.4, 27.97Sx70.74W, h59km, 6km, ML3.7, 3C, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like GO03, LCO, LSCH, etc.

ISCJB 30 13:31:43.4-0.6, 51.42N-0.03-16.14E, 0.03, h0km, Error ellipse: s-maj=4.1km s-min=2.8km az=25.2
VIE 30 13:31:47.0-0.6, 51.29N-16.03E, h0km, mb2.2/4, ml2.7/5, Error ellipse: s-maj=5.3km s-min=3.7km az=26.0 71 km WNW of Wroclaw Suspected Mining induced.
WAR 30 13:32:28.5, 51.01N-15.83E, h1km, Mw2.4
ISC 30 13:31:46.2-1.1, 51.39N-0.05-16.10E, 0.03, h0km, n24, c=1912/50, 9D, Poland

Main table for 1588 section, listing station names, times, and coordinates for various stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like BRG Berggiesshubel, PRA Prague, GOPC GO Pecny, Ondr, PRU Pruhonice, MOR Moravsky Berou, CLL Collim, OKC Ostrava-Krasne, VRAC Vranov, KRUC Moravsky, NKC Novy Kostel, OJC Ojcow, KSP Kaspersky Hory, SMOI Smolenice, MODS Modra-Piesok, CONA Conrad Observa, MOA Mollin, BSD Bornholm Skovb, ARSA Arzberg.

MEX 30 13:32:27.6±0.8, 14:76N:93:24W, h28km±23km, MD3.7, Near coast of Chiapas. Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like PCIG, THIG, CCIG, CCIG, TGIG, TGIG.

ISCJB 30 13:38:59.6±0.5, 37:01N:103:140:68E±0.04, h17km±3km, mb3.8/1.4, Error ellipse: s-maj=6.2km s-min=4.2km az=26.8 JMA 30 13:39:00.1, 37:02N:140:61E, h8km±1km, M4.0 Broadband fault plane solution: P waves. NP1: 0.339.00000°, 8.73.00000°, -84.00000°. NP2: 0.139.00000°, 8.18.00000°, -109.00000°. Principal axes: T Plg28.0000°, Azm64.0000°, N Plg6.0000°, Azm157.0000°, P Plg61.0000°, Azm257.0000°.

NIED 30 13:39:00, 37:00N:140:60E, h8km, Mw3.7 Best double couple: M3: 43000±1014, NP1: 81.00000°, 8.47.00000°, -1.171.00000°. NP2: 345.00000°, 8.83.00000°, -1.43.00000°.

IDC 30 13:39:08.2±0.5, 36:97N:140:34E, h75km±23km, mb3.5/1.4, mb1.3/8.17, mb1mx3.7/3.7, mbtmp3.9/1.7, Error ellipse: s-maj=22.1km s-min=15.7km az=88.0

ISC 30 13:39:00.0±0.8, 37.02N:103:140:63E±0.03, h10km±5km, n36, c1925/39, mb3.8/1.4, 5C-2D, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like JFDD Fukushimafurud, ONAJ Iwakimizuishiy, JFJK Kawauchi, JFJO Hitachi, JFJT Otama, JFJS Shioa, JFY Yanaizu, JFM Marumori, JMJAR Matsushiro Arr, MAT Matsushiro, ASAJ Asahikawa, JNU Nakatsue, USRK Utsuriysk Arr, KSRS Korea Array, SONM Songino Array, H112 WAKE ISLAND Hy 28.68 120, H11N1 WAKE ISLAND Hy 28.69 120, H11N3 WAKE ISLAND Hy 28.70 120, H11S1 WAKE ISLAND Hy 29.38 122, H11S3 WAKE ISLAND Hy 29.38 122, H11S2 WAKE ISLAND Hy 29.40 122, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, YKA Yellowknife Ar, FINES FINESS Array B, AKASG Malin Array Be, NOA NORAR Array B, NVAR Mina Array Bea, PDAR Pinedale Array.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like GERES GERES Array B, TXAR Lajitas Array, LPAZ La Paz.

ISCJB 30 13:39:58.9±0.5, 37:01N:103:140:63E±0.05, h8km±4km, mb3.7/3, Error ellipse: s-maj=6.6km s-min=4.4km az=16.8 JMA 30 13:39:59.0, 37:01N:140:61E, h8km±1km, M3.8 JMA Felt III J1 IDC 30 13:40:04.9±0.5, 36:95N:140:59E, h67km±41km, mb3.4/3, mb1.3/6.5, mb1mx3.3/3.6, mbtmp3.7/5, ML2.5/2, Error ellipse: s-maj=39.9km s-min=25.8km az=90.0 ISC 30 13:39:58.1±0.9, 36:99N:105:140:62E±0.04, h12km±7km, n16, c0545/23, mb3.8/3, 3C-1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like JFDD Fukushimafurud, ONAJ Iwakimizuishiy, JFJO Hitachi, JFJK Kawauchi, JFJS Shioa, JFY Yanaizu, JFM Marumori, JMJAR Matsushiro Arr, MAT Matsushiro, USRK Utsuriysk Ar, KSRS Korea Array, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

KRSC 30 13:51:45.5±0.7, 50:38N:157:20E, h31km±13km, ML4.0, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauthetka, KDR Koudutka, Kamc, RUS Russkaya, UGLR Uglovaya, AVH Avlacha.

IDC 30 13:57:22.5±6.2, 31:10S:178:51W, h0km, mb3.4/2, mb1.3/7.2, mb1mx3.5/1.9, mbtmp3.4/2, Error ellipse: s-maj=243.7km s-min=61.8km az=156.0, Kermadec Islands region

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

SOME 30 14:23:32.1, 42:17N:76:87E, h15km KNET 30 14:23:32.3±0.1, 42:20N:76:81E, h19km, mb3.2 NNC 30 14:23:32.4±0.8, 42:24N:76:83E, h0km±7km, mb3.1, mpv2.9, Error ellipse: s-maj=6.3km s-min=4.5km az=127.0 KNET 30 14:23:34.6±0.6, 42:34N:76:70E, h9km±2km, ml2.2, Error ellipse: s-maj=3.6km s-min=3.3km az=27.0

ISC 30 14:23:32.6±1.0, 42:24N:103:76:80E±0.02, h13km±8km, n66, c1915/17, 44C-32D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like ULHL Ulahol, ULHL Ulahol, BOOM Booms koye usch, TNSS Tian-Shan, TNSS Tian-Shan, TNSS Tian-Shan, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, MTBS Matibue, MTBS Matibue, MTBS Matibue, MDOK Medeo, MDOK Medeo, MDOK Medeo, AAA Alma-Ata, AAA Alma-Ata, AAA Alma-Ata, KNDC Almaty, KNDC Almaty, NRN Naryn, NRN Naryn, KST Kastek, KST Kastek.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like KST Kastek, KOTS Kotrybulak, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, KZA Kyzart, KZA Kyzart, DGS Degeres, DGS Degeres, DGS Degeres, KBK Karagaybulak, KBK Karagaybulak, KBK Karagaybulak, SATY Saty, SATY Saty, KTBS Karatobe, KTBS Karatobe, KURS Kura, KURS Kura, KURS Kura, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly, KUUR Kurty, KUUR Kurty, KUUR Kurty, CHMS Chumysh, CHMS Chumysh, CHMS Chumysh, UCH Uchtor, UCH Uchtor, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, ARLS Aral, ARLS Aral, USP Ospenova, USP Ospenova, ARXS Arxhary, ARXS Arxhary, SHLS Shalkode, SHLS Shalkode, MNBS Baschi, MNBS Baschi, PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, EKS2 Erkin-Say, EKS2 Erkin-Say, EKS2 Erkin-Say, AML Almayashu, AML Almayashu, AML Almayashu, MRKS Merke, MRKS Merke, DJR Jarkent, DJR Jarkent, MNAS Manas, MNAS Manas, MNAS Manas, SFK Sufi-Kurgan, SFK Sufi-Kurgan, KAPS Kapalarana.

30d 15h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KARATAY Array, Makanchi Array, Kurchatov Array.

ADC 30 14:29:23.8-1.6, 51.63N, 172.86W, h0km, mb3.6/6, mb1.4, 0.8, mb1mx3.6/35, mbtmp3.7/8, ML3.7/2, Error ellipse: s-maj=50.0km s-min=27.5km az=136.0 NEIC 30 14:29:29.1-0.0, 51.54N, 172.94W, h48km, ML3.2(AEIC), After AEIC.

Main table for 30d 15h section, listing station codes (KOPF, ATKA, KOKL, etc.) and their respective parameters.

ISCJB 30 14:30:35.7-0.3, 24.29N, 0.01, 122.14E, 0.02, h16km, 3km, Error ellipse: s-maj=2.6km s-min=0.2km az=41.6 JMA 30 14:30:36.0, 24.29N, 122.07E, h34km, 3km, M2.8 TAP 30 14:30:36.3, 24.34N, 122.05E, h29km, ML3.4, B 30 14:30:35.5, 0.2, 24.29N, 0.02, 122.11E, 0.02, h22km, 5km, n89, -0.70/160, Taiwan region

Main table for 30d 15h section, listing station codes (EOS1, NANB, ENA, etc.) and their respective parameters.

2012 SEP

Main table for 2012 SEP section, listing station codes (WFSB, YOJ, YOJ, etc.) and their respective parameters.

1590

Table for 1590 section, listing station codes (IRIF, CHNS, CHNS, etc.) and their respective parameters.

MAN 30 14:30:50.6, 16.19N, 119.84E, h31km, mb4.2, ML3.1, MS2.8, Luzon

Table for MAN 30 section, listing station codes (BOLP, SCZP, SMPP, etc.) and their respective parameters.

ISCJB 30 14:34:28.3-0.9, 55.5S, 0.1, 26.0W, 0.4, h200km, mb3.4/5, Error ellipse: s-maj=36.8km s-min=13.5km az=155.1 IDC 30 14:34:30.0, 6.5, 55.49S, 26.10W, h200km, 64km, mb3.3/5, mb1.3, 5/6, mb1mx3.3/22, mbtmp3.9/6, Error ellipse: s-maj=35.8km s-min=17.9km az=63.0

ISC 30 14:34:29.9-1.0, 55.5S, 0.2, 26.2W, 0.3, h200km, n10, SMC 30 14:34:29.9, 55.5S, 26.1W, h200km, 64km, mb3.3/5, mb1.3, 5/6, mb1mx3.3/22, mbtmp3.9/6, Error ellipse: s-maj=35.8km s-min=17.9km az=63.0

Table for ISCJB 30 section, listing station codes (VNA3, VNA2, SNA4, etc.) and their respective parameters.

NINC 30 14:41:22.3-1.5, 36.60N, 70.11E, h154km, 37km, mb2.8, mpv3.7, Error ellipse: s-maj=18.7km s-min=11.1km az=66.0

IDC 30 14:41:23.3, 8.7, 35.74N, 69.43E, h308km, 128km, mb3.0/1, mb1.2, 6/3, mb1mx2.4/29, mbtmp3.3/3, Error ellipse: s-maj=148.5km s-min=65.3km az=178.0

ISC 30 14:41:20.0, 2.0, 36.5N, 72.69E, 0.09, h150km, n14, -0.85/19, 4C-5D, Hindu Kush region

Main table for 1590 section, listing station codes (SFK, SFK, MNAS, etc.) and their respective parameters.

IDC 30 15:06:41.2, 2.0, 17.61S, 177.45W, h328km, 23km, mb3.2/7,

mb1 3.5/8, mb1mx3.3/22, mbtmp3.9/8, Error ellipse:
 s-maj=35.3km s-min=15.0km az=141.0
 ISCJB 30 15:06:46.1±0.8, 17.7°S, 0.2±1.77°W, 0.2, h392km, mb3.4/6,
 Error ellipse: s-maj=31.0km s-min=18.4km az=39.3
 ISC 30 15:06:47.3±1.0, 17.8S, 0.2±1.77°W, 0.2, h392km, n9,
 ±0.93/8, mb3.3/6, Fijil Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
AFI	Afiamalau	6.73	56	Op	ISC	15 08 19.1	-8.8
AFI	4.0nm, 0.3s, baz=231, slow=6.5, SNR=9.9			S	Pn	15 09 36.5	-1.3
URZ	Urewera	20.97	192	P		15 11 00.3	-0.6
WRA	Warramunga Arr	45.48	259	P		15 14 25.9	-0.1
ASAR	Alice Springs	45.63	254	P		15 14 31.4	+0.7
PETK	Petrovlovsk	73.74	345	P		15 17 39.1	-0.3
NVAR	Minna Array Bea	78.74	43	P		15 18 07.9	+0.1
TXAR	Lajitas Array	85.21	67	P		15 18 42.0	+0.8
ILAR	Eielsen Array	85.55	13	P		15 18 40.7	-1.2
GERES	GERES Array B	147.66	346	PKPbc		15 25 51.0	+1.1

MAN 30 15:28:39.9, 8.47N, 125.73E, h69km, mb5.0, ML3.9, MS4.0, 1C-1D, Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
BUTP	Butuan	0.61	347	Op	ISC	15 28 54.3	+1.5
BUTP	0.5m, 0.3s, baz=169, slow=19, SNR=2.3			S	Pn	15 29 06.5	+4.4
BIPH	Bislig	0.68	115f	eS	Pn	15 28 53.4	-1.2
BIFP	Bukid	0.89	229	eS	Pn	15 29 02.5	+0.9
BUKP	Musuan	0.89	229	eS	Pn	15 28 57.9	+2.8
CGP	Cagayan de Oro	1.03	269	eS	Pn	15 29 00.2	+1.5
CGP	0.3nm, 0.9s, baz=112, slow=3.8, SNR=3.2			S	Pn	15 29 13.8	+1.2
DMPH	Davao City-Mi	1.40	189	i/jP	Pn	15 29 09.4	+5.9
DMPH	0.8nm, 0.4s, baz=111, slow=8.0, SNR=15			S	Pn	15 29 30.7	+9.5
MATI	Mati	1.60	161	eS	Pn	15 29 07.2	+0.9
MATI	0.5nm, 0.9s, baz=104, slow=7.3, SNR=14			S	Pn	15 29 28.3	+2.2
DDMP	Don Marcelino	2.35	181	eS	Pn	15 29 16.1	-0.2
DDMP	0.2nm, 0.8s, baz=64, slow=3.2, SNR=3.0			S	Pn	15 29 41.9	-2.3

IDC 30 15:32:38.5±9.8, 31.39S, 177.72W, h56km, mb5.0, ML3.1/1, MS3.1/1, MS1 3.1/1, ms1mx2.7/10, Error ellipse: s-maj=67.7km s-min=51.2km az=160.0, Kermadec Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
RAO	Raoul Island	2.13	355	LR	LR	15 33 56.8	
URZ	Urewera	8.06	210	P	Pn	15 34 33.7	+0.7
URZ	0.3nm, 0.3s, baz=90, slow=14, SNR=3.3			S	Pn	15 36 02.4	-0.2
ASAR	Alice Springs	43.30	268	P		15 40 35.0	-0.1
ASAR	0.5nm, 0.9s, baz=104, slow=7.3, SNR=14			S	PcP	15 42 23.4	+0.2
WRA	Warramunga Arr	44.38	273	P		15 40 43.6	-0.1
FINES	FINES Array B	146.15	340	PKPbc	PKPbc	15 52 10.4	-0.3

NIED 30 15:35:00.24±10N, 146.40E, h17km, Mw5.1 Best double couple: Mo=6.7000e+10, NP1=38.0000°, δ18.0000°, λ=176.0000°. NP2=304.0000°, δ89.0000°, λ=72.0000°

IDC 30 15:35:48.0±0.3, 22.91N, 146.07E, h0km, mb5.1/39, mb1 5.2/41, mb1mx5.2/50, mbtmp5.1/41, ML4.1/1, MS4.4/13, MS1 4.4/13, ms1mx4.1/36, Error ellipse: s-maj=12.8km s-min=8.3km az=84.0

MOS 30 15:35:48.9±0.2, 23.04N, 146.01E, h12km, mb5.6/111, MS4.6/17, Error ellipse: s-maj=7.1km s-min=4.0km az=108.6

ISCJB 30 15:35:51.9±0.1, 22.99N, 0.02±146.07E, 0.2, h33km, mb5.3/429, MS4.6/51, Error ellipse: s-maj=2.6km s-min=2.1km az=158.0

BUI 30 15:35:52.3±22.99N, 145.93E, h31km, mb5.1/77, MB5.3/54, MS4.9/82, Ms7.4/67.7

GCMT 30 15:35:53.7±0.2, 23.08N, 0.01±146.16E, 0.2, h12km, MW5.3/95, Moment Tensor Solution. s46,c89; s95,c188; Durations: t1 Moment tensor. Scale 101°N/m; M=0.94±0.02; M=0.80±0.02; M=0.14±0.02; M=0.11±0.06; Mw=0.62±0.01; Mw=0.20±0.07. Best double couple: Mo1.08000e+10 NP1=129.0000°, δ51.0000°, λ=79.0000°. NP2=292.0000°, δ41.0000°, λ=103.0000°. Principal axes: T 1.1880, P1g5.0000°, Azm211.0000°; N -0.2170, P1g9.0000°, Azm302.0000°; P -0.9710, P1g80.0000°, Azm91.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 30 15:35:53.7±0.5, 23.00N, 146.04E, h36km, mb5.4/284 Error ellipse: s-maj=2.4km s-min=2.2km az=105.0

JMA 30 15:35:54.2±0.2, 24.14N, 146.45E, h0km, M6.1 ISC 30 15:35:52.9±0.4, 23.05N, 0.03±146.09E, 0.04, h29km, 2km, h29km; p-P, n955, ±129/1023, mb5.4/434, MS4.6/53, 11C-15D, North Pacific Ocean

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
JHHJ	Haha-jima-NKT	5.03	316	eS	Pn	15 38 01.5	-2.1
CBIJ	Chichi jima	5.36	320	ePn	Pn	15 37 10.1	-0.9
CBIJ	0.5nm, 0.3s, baz=18, slow=13, SNR=2.0			S	Pn	15 38 09.9	-1.8
CBIJ	Chichi jima	5.36	320	Pn	Pn	15 37 10.8	-0.1
CBIJ	0.5nm, 0.3s, baz=18, slow=13, SNR=2.0			S	Pn	15 38 07.5	-4.2
JCJ	Chichijima	5.36	320	Pn	Pn	15 37 10.9	0.0
JCJ	0.5nm, 0.3s, baz=18, slow=13, SNR=2.0			S	Pn	15 38 09.9	-1.8
SARN	Sarigan	6.32	183	ePn	Pn	15 37 23.4	-0.9
ANAZ	Anatahan	6.68	183	ePn	Pn	15 37 28.6	-0.6
GUMO	Guam	9.48	187	Pn	Pn	15 38 08.5	+1.0
GUMO	14nm, 0.3s, baz=9.1, slow=22, SNR=2.0			S	Pn	15 39 52.5	-0.7
GUMO	Guam	9.48	187	ePn	Pn	15 38 09.0	+1.4
GUMO	Guam	9.48	187	ePn	Pn	15 39 52.5	-0.7
GUMO	Guam	9.48	187	ePn	Pn	15 38 09.0	+1.4
JHMJ	Mitsune	11.45	332	ePn	Pn	15 38 34.5	+0.1
JHJ	Hachijo jima 2	11.47	332	LR	LR	15 41 41.6	
BSO1	Boso 1	12.39	340	P	Pn	15 38 43.1	-3.8
BSO1	0.5nm, 0.3s, baz=193, slow=31			S	Pn	15 40 53.5	-1.0
TATJ	Tateyama 2	13.11	337	eS	Pn	15 41 11.7	-1.0
JOD2	Odawara 2	13.61	335	eS	Pn	15 41 24.8	-9.5
INU	Inuyama	14.58	329	ePn	Pn	15 39 15.9	-1.3
MJAR	Matsushiro Arr	15.07	335	Pn	Pn	15 39 21.0	-2.9
MJAR	7.3nm, 0.3s, baz=157, slow=10, SNR=69			S	Pn	15 42 00.5	-9.4
MJAR	2.5nm, 0.3s, baz=80, slow=31, SNR=4.2			S	LR	15 47 31.4	
MAJO	Matsushiro	15.08	335	ePn	Pn	15 39 21.5	-2.4
MAJO	14nm, 0.3s, baz=9.1, slow=22, SNR=2.0			S	Pn	15 39 52.5	-0.7
MAJO	Matsushiro	15.08	335	eP	Pn	15 39 21.5	-2.4
MAJO	comp=Z, 144nm, 0.9s			S	Pn	15 39 21.4	-2.5
MAT	Matsushiro	15.08	335	S	Pn	15 41 57.8	-1.2
MJB9	Matsu-Tunnel	15.08	335	ePn	Pn	15 39 21.6	-2.3
JOW	Kunigami	16.59	287	ePn	Pn	15 39 44.7	-1.0
JOW	comp=Z, 173nm, 0.8s			S	Pn	15 39 46.6	-0.8
JNU	Nakatsu	16.74	310	P	Pn	15 39 47.8	+0.4
JNU	comp=Z, 0.5nm, 0.3s, baz=100, slow=10, SNR=8.3			S	Pn	15 39 47.8	+0.4
JNU	Nakatsu	16.74	310	ePn	Pn	15 39 47.8	+0.4
JNU	comp=Z, 135nm, 0.9s			S	Pn	15 40 12.5	-0.4
ERM	Erino	19.07	353	eP	P	15 40 12.5	-0.4
ERM	comp=Z, 298nm, 1.3s			S	P	15 40 12.5	-0.4

ERM	comp=Z, 298nm, 1.3s						
		pmx	pmx				
WAKE	Wake Island	19.54	97	eP	P	15 40 16.4	-1.9
H11N1	Wake Island Hy	19.65	96	T	T	15 58 33.8	
H11N2	WAKE ISLAND Hy	19.66	96	T	T	15 58 35.1	
H11N3	WAKE ISLAND Hy	19.67	96	T	T	15 58 36.7	
H11S3	WAKE ISLAND Hy	19.78	97	T	T	15 58 52.4	
H11S1	WAKE ISLAND Hy	19.79	97	T	T	15 58 47.5	
H11S2	WAKE ISLAND Hy	19.80	97	T	T	15 58 49.5	
PATS	Pohnpei	19.96	142	eP	P	15 40 21.6	-1.2
SHO	Shikotan	20.77	21	i/jP	Pn	15 40 36.4	+2.4
YUK	Yuzh-Kuril'sk	20.93	360	d/iP	P	15 40 32.9	-0.3
YUK	0.5nm, 0.3s, baz=90, slow=14, SNR=3.3			S	Pn	15 40 52.2	-0.1
YUK	0.5nm, 0.3s, baz=90, slow=14, SNR=3.3			S	Pn	15 44 22.8	-2.1
TJN	Taejon	20.95	314	eP	P	15 40 32.0	-1.4
ASAJ	Asahikawa	21.21	353	P	P	15 40 38.4	+2.2
ASAJ	comp=Z, 75nm, 0.7s, baz=215, slow=10, SNR=8.3			S	P	15 44 24.4	-6.0
ASAJ	Asahikawa	21.21	353	eP	P	15 40 38.0	+1.9
ASAJ	comp=Z, 151nm, 1.0s			S	P	15 44 24.4	-6.0
KSRS	Korea Array	21.21	317	P	P	15 40 36.8	+0.6
KSRS	comp=Z, 31nm, 0.9s, baz=125, slow=9.1, SNR=29			S	LR	15 49 09.9	
KS15	Wonju Array Si	21.23	317	eP	P	15 40 36.9	+0.4
KSAR	Wonju Array Be	21.23	317	P	P	15 40 36.8	+0.4
KSAR	Wonju Array Be	21.23	317	P	P	15 40 36.8	+0.4
KSU1	Wonju Array Si	21.24	317	eP	P	15 40 36.0	-0.6
KUR	Kuril'sk	22.18	36	eS	P	15 44 53.1	+4.0
KUR	comp=N, 223nm, 1.2s			S	pmx	pmx	
KUR	comp=Z, 778nm, 1.2s			S	pmx	pmx	
KUR	comp=N, 129nm, 1.1s			S	pmx	pmx	
NACB	Ninganchiao	22.47	278	eP	P	15 40 49.8	-0.1
TATO	Taiping	22.55	280	eP	P	15 40 50.7	0.0
YHNB	Yehliu	22.65	279	eP	P	15 40 52.0	+0.1
YULB	Yu-I	22.78	276	eP	P	15 40 53.9	+0.7
SSLB	Suanglung	23.07	277	eP	P	15 40 55.7	-0.5
MSHY	Mys Shul'tsa	23.10	331	i/jP	P	15 40 57.8	+1.5
TEY	Teiyei	23.26	343f	eS	P	15 40 58.7	+0.8
TEY	comp=Z, 70nm, 1.0s			S	pmx	pmx	
TEY	comp=Z, 2μm, 20.0s			S	MLR	MLR	
TPUB	Ta-pu	23.40	276	eP	P	15 41 00.4	+0.9
SSE	Sheshan	23.54	295	P	P	15 41 00.3	-0.5
SSE	comp=Z, 90nm, 0.9s			S	sP	sP	
SSE	comp=Z, 42nm, 0.9s			S	pmx	pmx	
SSE	comp=Z, 270nm, 3.5s			S	LR	LR	
YSS	Yuzh-Sakhalins	24.00	354	eP	P	15 41 05.1	+0.2
YSS	comp=Z, 670nm, 13.1s			S	LR	LR	
YSS	Yuzh-Sakhalins	24.00	354	i/jP	P	15 41 05.5	+0.5
YSS	comp=Z, 90nm, 0.8s			S	eSPP	eSPP	
YSS	comp=Z, 30nm, 0.7s			S	eS	eS	
YSS	comp=N, 10.						

30d 15h

2012 SEP

1592

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Guiyang, Tana Toraja, Magadan, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Rakaw, Taiwaz, Sadao Pong, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LSA Lhasa, LHSI Lahat, SDCI Sungai Dareh, etc.

1593

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ILB Eielson Array, AAA Alma-Ata, PAX Paxson, etc.

2012 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PGC Sidney, NLWA Neiton Lookou, LLLB Lillock, etc.

30d 15h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BMO Blue Mountains, CMB Columbia Co, VCNR Virginia City, etc.

30d 15h

Table with columns: FMP, BOZ, CIS, FURC, SC12, EGMT, EGMT, R11A, R11A, BFSC, TPNV, TPNV, TPNV, VSR, VSR, VORD, VORD, QLMT, GSC, GSC, GSC, GSC, YHB, SHOC, GOF, GOF, YMR, HVU, BBRC, YHH, MURC, TBLG, HGU, ZEC, ZEC, ZEI, ZEI, TQ, TQ, FIA1, FINE, FINE, FINE, GCMT, IMW, H17A, H17A, FXWY, 109C, CPE, LKWY, FLWY, SPUT, SHPR, FFC, FFC, FFC, TPW, MOOV, FRD, KBZ, PSUT, KIV, KIV, KIV, PFO, PFO, PFO, XPFO, REDW, DUG, DUG, DUG, DUG, LOHW, AHID, MZR, GMRC, BELC, BAR, GNI, GNI, GNI, GNI, NEY, NEY

2012 SEP

Table with columns: RLMT, RLMT, HWUT, MONP, AKH, AKH, AKH, CTU, CTU, NLU, IKP, CCUT, BC3, SWSC, IRM, JLU, SZCU, MPU, LCMT, BW06, BW06, PD31, PDAR, PDAR, PDAR, SUMG, SUMG, SUMG, MSU, MSU, VSU, VSU, KNB, KNB, KNB, W13A, MTPU, Y12C, Y12C, LAO, LAO, GLA, GLA, GLA, GLA, PDMCI, TMUT, PKCU, P17A, DGMT, DGMT, U15A, U15A, SOC, SOC, SOC, SOC, SRU, SRU, SRU, 113A, Y14A, ANN, ANN, ANN, WUAZ, WUAZ, IZAR, IZAR, IDID, IDID, K22A, K22A, RWVY, O20A, O20A, ISAL, ISAL, IIGN, IIGN, PV09, PV21, PV23, PV10, PV14, X16A, 214A, PV20, PV19, PV05, PV17, PV22

1594

Table with columns: PV16, PV18, PV11, PV03, PV12, PV13, PV02, PV01, RSSD, RSSD, RSSD, M3A, M3A, W18A, SMCO, PHWY, X18A, AKASG, AKASG, AKASG, AKBB, AKBB, AKBB, KIEV, KIEV, KIEV, KIEV, AK11, MDND, TUC, TUC, SIM, SIM, NC405, NC303, ISCO, ISCO, NC204, NB201, NB2, NB2, NOA, S22A, S22A, NC602, ULM, ULM, SUW, SUW, SUW, Q24A, Q24A, SRIG, SFJD, SFJD, SFJD, HSG, SDCO, SDCO, 319A, AGMN, AGMN, RAYN, RAYN, RAYN, RAYN, RAYN, LAZ, LENM, ANMO, ANMO, ANMO, ANMO, OGNE, OGNE, SUSD, 121A, LPM, BNM, T25A, T25A, KSCO, KSCO, LVV, LVV, LVV, LVV, BR131, BRTR, BRTR, BRTR, EPT

BBIL	Ulba Tungruruhu	3.95 212	P	Pn	16 32 35.4 +1.2
BIL2	Estacion Bilba	3.96 213	P	Pn	16 32 35.4 +1.1
BPAT	Tungruruhu Vol	3.97 211	P	Pn	16 32 36.0 +1.4
PAT1	Patacocha	3.97 211	P	Pn	16 32 35.8 +1.2
ARRAY	Arrayan	3.98 212	P	Pn	16 32 35.3 +0.7
TRIAS	Triagal station	3.99 212	P	Pn	16 32 37.7 +0.9
QUEV	Quevedo	4.14 225	P	Pn	16 32 35.8 -0.6
RIOE1	Riobamba	4.28 212	P	Pn	16 32 39.6 +1.2
JAMA	Jama	4.40 241	P	Pn	16 32 37.9 -1.9
SOLC	Bahia Solano	4.41 346	eP	Pn	16 32 39.0 -0.9
SOLC	comp=Z,23um,0.3s		eS	Sn	16 33 31.4 +0.1
SOLC	comp=N,70um,0.5s				16 33 47.2
COHC	Cochane	5.21 214	P	Pn	16 32 49.2 -1.3
MIL0	Milagro-Astudi	5.24 217	P	Pn	16 32 48.1 -2.6
MAPC	Maplejo	5.62 292	iP	Pn	16 32 54.6 -1.3
MAPC	comp=Z,49um,0.6s				16 33 07.8
BCIP	Isia Barro Col	7.99 335	ePn	Pn	16 33 27.1 -0.4
BCIP	Isia Barro Col	7.99 335	iP	Pn	16 33 27.0 -0.4
BCIP					16 33 38.1
SDV	Santo Domingo	8.98 39	P	Pn	16 33 40.5 -0.3
SDV	comp=Z,364nm,0.3s,baz=214,slow=11,SNR=1102		P3KPbc		17 10 29.3
ATAH	Atahualpa	9.21 193	P	Pn	16 33 43.8 -0.2
ATAH	comp=Z,35nm,0.3s,baz=6.0,slow=9.5,SNR=622		eS	Sn	16 33 25.9 -0.6
ATAH	comp=Z,25nm,0.3s,baz=52,slow=21,SNR=1.1		LR	LR	16 37 33.4
ATAH	comp=Z,372um,19.9s,baz=351,slow=39		P3KPbc		17 10 34.9
PTJ1	Puerto Jim'ne	9.54 314	eP	Pn	16 33 48.5 +0.6
BUS	Buena Vista	10.57 316	eP	Pn	16 34 02.2 +0.2
QCR1	Quepos	10.77 314	eP	Pn	16 34 03.2 +0.2
URSC	Urasca	10.78 317	iP	Pn	16 34 06.2 +1.7
LACH	La Lucha 2	10.80 316	eP	Pn	16 34 06.2 +0.5
SJS	Escuela Geolog	11.04 317	eP	Pn	16 34 08.4 +0.5
HDC	Heredia	11.13 317	ePn	Pn	16 34 09.0 -0.1
HDC	Heredia	11.13 317	eP	Pn	16 34 09.3 +0.2
ICCO	Coco Island	11.26 298	eP	Pn	16 34 10.1 -0.6
TRT1	Tortuga	11.29 317	eP	Pn	16 34 10.7 +0.4
SRA1	San Ram'zn	11.44 316	eP	Pn	16 34 12.5 -0.7
ARE1	Arenal 1	11.87 316	eP	Pn	16 34 19.5 +0.9
JTS	JuntasAbangare	11.92 315	P	Pn	16 34 18.6 -0.6
JTS	comp=Z,3.2nm,0.3s,baz=197,slow=9.9,SNR=76				16 36 40.2 -6.0
JTS	comp=Z,23nm,0.3s,baz=254,slow=17,SNR=1.1		LR	LR	16 38 58.7
JTS	comp=Z,346um,22.0s,baz=196,slow=37		P3KPbc		17 10 26.3
JTS	comp=Z,0.3nm,0.3s,baz=12,slow=5.8,SNR=3.9		eP	Pn	16 34 18.4 -0.9
JTS	JuntasAbangare	11.92 315	eP	Pn	16 34 18.9 -0.3
JTS	JuntasAbangare	11.92 315	P	Pn	16 34 18.6 -0.6
JTS	comp=Z,3.0nm,0.3s		Pmax	Pmax	
JTS	comp=Z,346um,22.0s		MLR	MLR	
PLVR	Palo Verde	12.24 314	eP	Pn	16 34 23.8 +0.2
VCR	Vista de Mar	12.32 323	eP	Pn	16 34 24.4 +0.1
ESPN	Las Esperanzas	12.39 323	ePn	Pn	16 34 31.4 -0.4
ESPN	Las Esperanzas	12.89 323	eP	Pn	16 34 31.2 -0.6
ESPN	Las Esperanzas	12.89 323	iP	Pn	16 34 32.2 -0.4
ACON	Acopya	13.27 319	eP	Iamb	16 34 36.2 -0.4
ACON	comp=E,5um,1.5s		Iamb	Iamb	16 34 56.8
NNA	Nana	13.81 182	P	Pn	16 34 42.7 -0.8
NNA	comp=E,19nm,0.3s,baz=356,slow=12,SNR=201		P3KPbc		17 10 35.1
NNA	comp=E,0.7nm,0.3s,baz=218,slow=2,SNR=6.3		ePn	Pn	16 34 42.0 -1.6
NNA	Nana	13.81 182	ePn	Pn	17 10 35.1
NNA	Nana	13.81 182	P	Pn	16 34 42.7 -0.8
NNA	comp=Z,19nm,0.3s		Pmax	Pmax	
MASN	Masaya	13.94 316	iP	Pn	16 34 45.3 +0.2
BOAB	BOACO BROADBAN	95 319	ePn	Pn	16 34 45.3 +0.1
BOAB	BOACO BROADBAN	95 319	ePn	Pn	16 34 46.3 +1.1
MGAN	Managua	14.12 317	eP	Pn	16 34 48.3 +0.9
PAYG	Puerto Ayora	14.15 260	ePn	Pn	16 34 47.1 -0.7
PAYG	Puerto Ayora	14.15 260	eP	Pn	16 34 47.0 -0.7
PCRV	Puerto La Cruz	14.22 54	P	Pn	16 34 49.8 +0.6
PCRV	comp=Z,56nm,0.3s,baz=1227,slow=6.1,SNR=208		S	Sn	16 37 26.9 -0.7
PCRV	comp=Z,276,slow=15,SNR=1.2				16 34 51.0 +0.4
COPN	Copalle	14.38 316	eP	Pn	16 34 55.0 +0.6
CNGN	Cerro Negro	14.68 316	eP	Pn	16 34 57.9 +0.8
ESTN	Estel	14.89 319	ePn	Pn	16 34 58.3 -0.6
ESTN	Estel	14.89 319	eP	Pn	16 34 60.0 +0.7
CRIN	San Cristobal	15.06 316	eP	Pn	16 35 06.8 0.0
CSGN	Cosiguina Volc	15.61 315	ePn	P	16 35 06.6 -0.3
CSGN	comp=Z,5um,1.1s		P	P	16 35 17.1 +8.8
CSGN	Cosiguina Volc	15.61 315	eP	P	16 35 18.7 +8.8
PCJ	Portland Cotta	15.75 357	iP	P	16 35 11.8 +1.0
YHJ	Yallahs	15.88 360	iP	P	16 35 12.4 +1.3
MCJ	Malvern	16.00 359	iP	P	16 35 13.6 +1.6
HOJ	Hope	16.07 359	iP	P	16 35 13.3 +1.3
GWJ	Greenwich	16.07 359	iP	P	16 35 13.9 +0.8
STH	Stony Hill	16.07 358	iP	P	16 35 15.7 +1.7
TGUH	Tegucigalpa,Un	16.18 319	iP	P	16 35 14.9 +0.9
CVJ	comp=Z,23um,1.3s				16 35 15.7 +1.7
MTDJ	Mount Denham	16.26 356	iP	P	16 35 14.8 +0.7
MTDJ	comp=Z,13um,1.0s				16 35 15.7 +0.7
NEJ	Negril	16.36 353	iP	P	16 35 16.5 +0.4
VSM	San Miguel	16.42 315	eP	Pn	16 35 21.0 +2.9
PTGA	Pitinga	16.61 99	P	Pn	16 36 20.2 -2.4
PTGA	comp=Z,86nm,0.3s,baz=280,slow=13,SNR=721		S	S	17 10 23.4
PTGA	comp=Z,28nm,0.3s,baz=325,slow=23,SNR=1.1		P3KPbc		16 35 20.2 +2.1
PTGA	comp=Z,0.2nm,0.3s,baz=97,slow=6.0,SNR=2.9		eS	Sn	16 38 20.2 -2.4
PTGA	comp=Z,19um,1.7s				16 35 23.2 +1.6
LGNH	L'ognee	16.91 12	eP	Pn	16 35 26.0 +3.9
TCE	Chacachacare	16.94 58	eP	Pn	16 35 22.7 -0.1
SAML	Samuel	17.00 130	eP	Pn	16 35 22.7 -0.1
SAML	Samuel	17.00 130	eP	Pn	16 35 22.7 -0.1
SAML	comp=Z,7um,0.8s		Pmax	Pmax	
TPP	Pointe-a-Pierr	17.02 60	eP	P	16 35 28.9 +5.9
LFRS	El Faro	17.12 313	eP	Pn	16 35 24.3 -0.1
LBR5	Las Brisas	17.18 314	eP	Pn	16 35 25.7 +0.6
TRN	Trinidad (W)	17.21 59	eP	Pn	16 35 28.2 +2.8
SNET	Serv Nac Est T	17.28 313	eP	Pn	16 35 26.4 +0.0
COLS	Colinas	17.32 315	eP	Pn	16 35 27.7 +0.9
BOQS	Boqueron	17.35 313	eP	Pn	16 35 28.1 +0.9
BANI	BANI	17.41 19	eP	Pn	16 35 29.0 +1.2
TBH	Brigand Hill	17.43 60	eP	Pn	16 35 30.5 +2.6
SDD	Santo Domingo	17.62 21	eP	Pn	16 35 31.2 +0.9
SBSL	comp=Z,46um,1.5s				16 35 32.0 +0.9
SNJE	San Jose	17.68 313	eP	Pn	16 35 32.2 +1.1
GRGR	Grenville	17.78 54	eP	Pn	16 35 29.7 -1.0
GRGR	Grenville	17.78 54	eP	Pn	16 35 30.4 -0.3
GRGH	Grenville	17.78 54	eP	Pn	16 35 32.4 -0.4
GRSS	Sisters	17.90 59	eP	Pn	16 35 34.9 +1.3
TPR	Prospect	18.01 54	eP	Pn	16 35 36.2 +1.3
WBCV	West Bay, Gran	18.05 345	eP	Pn	16 35 35.6 +0.4
WBCV	comp=Z,9um,1.5s				16 35 35.8 +0.5
TOSP	Speyside	18.27 59	eP	P	16 35 36.6 +0.5
CRPR	Cabo Rojo, PR	18.40 29	eP	P	16 35 38.6 -0.8
IXG	Ixpaco	18.50 312	eP	Pn	16 35 40.1 -0.6
MPR	Mayaguez	18.59 29	eP	Pn	16 35 41.0 -0.3
ICMP	comp=Z,13um,1.1s				16 35 40.9 +0.4
ICMP	Isla Caja de M	18.59 31	eP	Pn	16 35 40.9 +0.4
OBIP	Obispo Ponce	18.68 30	eP	Pn	16 35 40.9 +0.4
OBIP	comp=Z,8um,0.9s				16 35 41.6 +1.0
OBIP	comp=Z,47um,1.4s				16 35 43.7 +0.5
OBIP	comp=Z,2um,0.5s				16 35 40.2 -1.1
OBIP	Belmont	18.75 52	eP	P	16 35 40.8 -0.4
OBIP	comp=Z,1um,0.5s				16 35 43.3 -0.9
OBIP	Souffriere Volc	18.80 52	eP	Pn	16 35 42.1 -0.1
OBIP	Crater Summit	18.82 52	eP	Pn	16 35 45.0 +0.1
OBIP	St. Vincent, C	18.83 52	eP	Pn	16 35 43.7 +1.1
OBIP	Arcelbio Observ	18.86 29	eP	Pn	16 35 44.7 +1.1
OBIP	comp=Z,866nm,0.3s,baz=208,slow=9.8,SNR=571				16 39 12.4 +1.4
SFAN	Fancy Village	18.87 52	eP	P	16 35 45.2 -0.9
SJG	San Juan	18.97 31	P	Pn	16 39 12.4 +1.4
SJG	comp=Z,1.1nm,0.3s,baz=194,slow=15,SNR=2.5				17 09 59.1
SJG	comp=Z,0.4nm,0.3s,baz=59,slow=19,SNR=1.4				16 35 45.2 -0.9
SJG	San Juan	18.97 31	eP	Pn	16 39 12.4 +1.4
SJG	comp=Z,19um,0.9s		S	S	17 09 59.1
SJG	San Juan	18.97 31	eP	Pn	16 35 45.2 -0.9
SJG	San Juan	18.97 31	eP	Pn	16 39 12.4 +1.4
APG	El Apazote	19.05 314	eP	Pn	16 35 44.5 +0.6
APG	comp=Z,64nm,0.3s,baz=132,slow=4.5,SNR=328		Sn	Sn	16 39 22.0 -0.3
HUMP	comp=Z,1.0nm,0.3s,baz=154,slow=22,SNR=0.9				16 35 47.3 -0.9
HUMP	Col San Antoni	19.15 32	eP	Pn	16 35 47.3 -0.9
SLB	Belton	19.24 51	eP	Pn	16 35 47.3 -0.7
CBYP	Canovanas	19.26 32	eP	Pn	16 35 48.5 -1.0
MTP	Monte Pirata	19.28 33	eP	Pn	16 35 48.1 +1.2
SLW	Salplatre	19.35 51	eP	Pn	16 35 48.0 +0.2
SLP	Petit Mionie	19.43 51	eP	Pn	16 35 48.9 +0.1
CDVI	St. Croix	19.44 35	eP	Pn	16 35 49.0 +0.3
DFD	Fort de France	19.70 49	eP	Pn	16 35 51.3 -0.4
DFD	Fort de France	19.70 49	eP	Pn	16 35 52.0 +0.4
DFD	Fort de France	19.70 49	eP	Pn	16 35 51.3 -0.4
STV	Saint Thomas	19.81 34	eP	Pn	16 35 53.0 +0.3
LPAZ	La Paz	19.83 156	P	Pn	16 35 53.9 +0.3
LPAZ	comp=Z,257nm,0.3s,baz=337,slow=10,SNR=3547		S	S	16 39 25.8 -3.2
LPAZ	comp=Z,0.1nm,0.3s,baz=135,slow=4.6,SNR=3.6		P3KPbc		17

Table with columns: ID, Name, Az, El, SNR, and other parameters. Rows include stations like 447A, 349A, 545A, etc.

Table with columns: ID, Name, Az, El, SNR, and other parameters. Rows include stations like VBMS Vicksburg, Y50A, Z47A, etc.

Table with columns: ID, Name, Az, El, SNR, and other parameters. Rows include stations like NATX Nacogdoches, RTCV Cerro Valdivia, Y44A Strider, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PMNB, Nancy, Clarksville, Basin Creek Fa, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like T42A Van Buren, U40A Nancy, HP1G Clarksville, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ACSO Alum Creek Sta, O50A Alum Creek Sta, BRNJ Basking Ridge, etc.

30d 16h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SCHQ, SCHEFF, HESPERIA, BOZEMAN, etc.

2012 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PMAN, K04D, B040, J05D, etc.

1602

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like B203, FL2, LON, etc.

30d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ESK, WACR, MCK, MDM, ELSH, ELSH, RND, etc.

2012 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRLK, WACR, MCK, MDM, ELSH, ELSH, RND, etc.

1604

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

30d 16h

Table with columns for station name, frequency, power, and various performance metrics. Includes stations like Ostrava-Krasne, Raciborz, Hammerfest, etc.

2012 SEP

Table with columns for station name, frequency, power, and various performance metrics. Includes stations like Tirane, Korca, Fines, etc.

1606

Table with columns for station name, frequency, power, and various performance metrics. Includes stations like LAKA, KANTON, TRIZ, etc.

30d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MA2 Magadan, MA2 Petropavlovsk, MA2 Petropavlovsk, etc.

2012 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANKE Casey, ANKE DZM, ANKE DZM, etc.

1608

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, etc.

30d 18h

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, BER, BER). Includes stations like ENH, YOJ, YON, MNCY, etc.

2012 SEP

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like SJMP, SAN, SANI, SANG, etc.

1610

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like LEM, LEM, LEM, etc.

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

IDC 30 18:35:42.8, 7.9, 21.02S; 177.54W, h443km, 76km, mb3.5/9, mb1 3.7/9, mb1mx3.5/19, mbtmp4.2/9, Error ellipse: s-maj=46.5km s-min=25.2km az=124.0

ISC 30 18:35:35.2, 1.4, 21.02S; 177.55W, h365km, n13, c1508/15, mb3.9/9, Fiji Islands region

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

MEX 30 18:39:02.8, 0.4, 16.26N; 98.04W, h5km, MD3.7, Near coast of Guerrero

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

DDA 30 18:47:41.9, 42.25N; 43.05E, h5km, M13.2

TIF 30 18:46:39.8, 42.42N; 42.99E, h17km, 2km, Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ONI Oni, AKH Akhalkalaki, TRLG Trialeti, etc.

ISN 30 19:00:31.6, 0.3, 37.24N; 42.50E, h0km, ML2.3

ISCJB 30 19:00:35.4, 1.4, 37.21N; 0.07, 42.50E; 0.07, h0km, 13km, Error ellipse: s-maj=13.1km s-min=6.2km az=37.3

DDA 30 19:00:35.4, 37.26N; 42.52E, h6km, ML2.8

ISK 30 19:00:35.1, 37.25N; 42.47E, h5km, ML2.4/4

ISC 30 19:00:35.6, 1.6, 37.25N; 0.07, 42.50E; 0.05, h5km, 11km, n12, c0566/19, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIRR S-rrnak, SIRT Sirkak, SIFM Siirt_Merkez, etc.

ISN 30 19:02:56.6, 0.3, 37.23N; 42.49E, h0km, ML2.6

ISK 30 19:02:59.5, 37.25N; 42.46E, h4km, ML2.6/5

DDA 30 19:03:00.3, 37.26N; 42.48E, h7km, M13.0

ISC 30 19:03:00.4, 1.8, 37.24N; 0.07, 42.48E; 0.04, h3km, 11km, n15, c0564/26, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIRR S-rrnak, SIRT Sirkak, SIFM Siirt_Merkez, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 30 19:03:03.4, 9.8, 28.87N; 141.07E, h0km, mb3.4/3, mb1 3.5/3, mb1mx3.3/40, mbtmp3.4/3, Error ellipse: s-maj=368.8km s-min=31.8km az=68.0, Bonin Islands

ISCJB 30 19:06:04.0, 4.0, 32.50N; 0.02, 18.61E; 0.02, h1km, 2km, Error ellipse: s-maj=2.6km s-min=2.4km az=27.6

PDG 30 19:06:04.0, 5.0, 1.42, 49N; 18.61E, h11km, MD2.9/8, ML2.9/12, Error ellipse: s-maj=0.1km s-min=0.0, az=0.0

SAR 30 19:06:05.2, 0.3, 42.45N; 18.61E, h3km, 1km, ML2.9/1

BEO 30 19:06:06.8, 0.3, 42.52N; 18.71E, h1km, 1km, ML2.7/20

ISC 30 19:06:05.0, 1.0, 42.49N; 0.02, 18.62E; 0.01, h4km, 6km, n84, c1530/136, 15C-13Z, Northwest Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HCY Herceg Novi, CEME Cevo, BUM Brajici-Budva, etc.

ISCJB 30 19:21:54.0, 2.0, 8.31, 31N; 142.30E, h0km, mb3.7/8, mb1 4.0/10, mb1mx3.7/35, mbtmp3.7/10, ML3.4/2, Error ellipse: s-maj=23.6km s-min=20.9km az=72.0

ISCJB 30 19:21:59.0, 0.7, 31.55N; 0.17, 142.21E; 0.09, h49km, mb3.7/8, Error ellipse: s-maj=13.4km s-min=6.8km az=141.5

JMA 30 19:21:59.0, 6.0, 4.31, 65N; 142.32E, h74km, M3.8

ISC 30 19:22:01.0, 0.8, 31.58N; 0.08, 142.26E; 0.09, h49km, n18, c1983/24, mb3.7/8, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAOM Aogashimamukai, JHU2 Mitsune, JHU1 Hachijo jima 2, etc.

ISC 30 19:39:54.9, 1.0, 9.95N; 126.61E, h0km, mb3.9/12, mb1 4.3/1, mb1mx3.9/39, mbtmp4.0/13, ML4.7/1, MS4.3/1, Ms1 4.3/1, ms1mx3.3/38, Error ellipse: s-maj=42.6km s-min=14.9km az=78.0

MAN 30 19:39:59.5, 9.70N; 126.56E, h14km, mb4.9, ML3.9, MS3.9

ISC 30 19:39:54.1, 1.8, 9.97N; 0.03, 126.67E; 0.07, h0km, 10km, n34, c1963/32, mb3.9/10, 5D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUTP Butuan, BIPH Bislig, MSLP Maasin, etc.

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

MEX 30 19:07:20.7, 0.7, 15.94N; 98.31W, h16km, 27km, MD3.6, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, PNIG Mollin, TLIG Tlapa.

NNC 30 19:12:35.0, 2.8, 37.03N; 70.84E, h0km, mb3.7, mpv3.2, 3C-4Z, Error ellipse: s-maj=24.0km s-min=20.7km az=131.0, Afghanistan-Tajikistan border region

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

ISCJB 30 19:21:54.0, 2.0, 8.31, 31N; 142.30E, h0km, mb3.7/8, mb1 4.0/10, mb1mx3.7/35, mbtmp3.7/10, ML3.4/2, Error ellipse: s-maj=23.6km s-min=20.9km az=72.0

ISCJB 30 19:21:59.0, 0.7, 31.55N; 0.17, 142.21E; 0.09, h49km, mb3.7/8, Error ellipse: s-maj=13.4km s-min=6.8km az=141.5

JMA 30 19:21:59.0, 6.0, 4.31, 65N; 142.32E, h74km, M3.8

ISC 30 19:22:01.0, 0.8, 31.58N; 0.08, 142.26E; 0.09, h49km, n18, c1983/24, mb3.7/8, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAOM Aogashimamukai, JHU2 Mitsune, JHU1 Hachijo jima 2, etc.

ISC 30 19:39:54.9, 1.0, 9.95N; 126.61E, h0km, mb3.9/12, mb1 4.3/1, mb1mx3.9/39, mbtmp4.0/13, ML4.7/1, MS4.3/1, Ms1 4.3/1, ms1mx3.3/38, Error ellipse: s-maj=42.6km s-min=14.9km az=78.0

MAN 30 19:39:59.5, 9.70N; 126.56E, h14km, mb4.9, ML3.9, MS3.9

ISC 30 19:39:54.1, 1.8, 9.97N; 0.03, 126.67E; 0.07, h0km, 10km, n34, c1963/32, mb3.9/10, 5D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUTP Butuan, BIPH Bislig, MSLP Maasin, etc.

30d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, GEYT Alibek, etc.

IDC 30 19:48:14.0,2.3,20.83S;168.91E,h0km,mb4.0/3, mb1.4/2.4,mb1mx3.8/39,mbtmp3.9/4,ML3.1/1, Error ellipse: s-maj=122.2km s-min=25.3km az=152.0

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.

MAN 30 19:55:43.5,11.60N;126.43E,h27km,mb4.6,ML3.5, MS3.3

ISCJB 30 19:55:44.3,0.5,11.61N;0.04;126.40E;0.05,h40km, mb4.1/16, Error ellipse: s-maj=7.0km s-min=5.1km

IDC 30 19:55:48.7,7.8,11.46N;126.28E,h64km,77km,mb3.6/1/2, mb1.3/1/2,mb1mx3.6/40,mbtmp3.9/12, Error ellipse: s-maj=29.0km s-min=16.1km az=77.0

ISC 30 19:55:46.0,0.7,11.63N;0.005;126.42E;0.08,h40km,n41, s=1541/47,mb4.0/16,2,C,Philippine Islands region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including Borongan, Palo, Ormoc, etc.

NEIC 30 20:02:28.1e,0.0,15.57N;94.16W,h20km,MD4.2(MEX), After MEX.

MEX 30 20:02:28.0,0.7,15.58N;94.15W,h16km,5km,MD4.1, Near coast of Oaxaca

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

ISCJB 30 20:03:35.0,4.0,43.83N;0.03;105.24W;0.05,h0km, mb3.9/2, Error ellipse: s-maj=5.8km s-min=4.3km az=28.7

NEIC 30 20:03:37.0,0.5,43.76N;105.20W,h0km,ML3.4, Error ellipse: s-maj=8.2km s-min=6.3km az=147.0, Suspected Mining explosion.

NEIC 64 [39 miles] SSE of Gillette.

2012 SEP

IDC 30 20:03:41.2,2.4,44.10N;105.187W,h23km,18km,mb3.7/2, mb1.3/7.6,mb1mx3.4/38,mbtmp3.6/6,ML3.5/4, Error ellipse: s-maj=22.8km s-min=9.6km az=143.0

ISC 30 20:03:37.4,0.8,43.77N;0.004;105.26W;0.06,h0km,n36, s=1913/38,Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, K22A Casper, N23A Red Feather L, etc.

IDC 30 20:25:26.0,0.8,20.10S;173.88W,h0km,mb4.1/1/2, mb1.4/3/13,mb1mx4.2/31,mbtmp4.1/13,ML4.4/1, Error ellipse: s-maj=30.5km s-min=19.1km az=147.0

NEIC 30 20:25:27.5,0.7,20.06S;173.86W,h10km,mb4.0/1, Error ellipse: s-maj=25.9km s-min=14.4km az=136.0

ISCJB 30 20:25:28.3,0.8,19.9S;0.1;174.0W;0.1,h25km,mb4.0/1/3, Error ellipse: s-maj=22.6km s-min=9.4km az=34.7

ISC 30 20:20:30.9,0.8,19.9S;0.1;173.9W;0.2,h25km,n18, s=1712/17,mb4.0/13,Tonga Islands

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

ISCJB 30 20:37:42.8,1.1,1.7S;0.2;138.78E;0.07,h33km,mb3.6/2, Error ellipse: s-maj=22.8km s-min=9.0km az=14.0

IDC 30 20:37:44.4,0.0,1.8S;138.80E,h35km,40km,mb3.4/2, mb1.3/9.6,mb1mx3.6/31,mbtmp3.9/6,ML3.8/4, Error ellipse: s-maj=29.1km s-min=22.3km az=6.0

ISC 30 20:37:44.6,1.2,1.7S;0.2;138.81E;0.09,h35km,n6, s=0566/7,Near north coast of Irian Jaya

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

ISCJB 30 20:43:33.9,1.9,2.29N;0.07;89.91E;0.04,h1km,12km, mb4.6/42, Error ellipse: s-maj=11.6km s-min=6.2km az=13.7

1612

ISCJB 30 20:43:36.2,2.50N;89.90E,h10km,mb4.6/34,mb4.9/20, Ms4.6/7,Ms7.4/26

MOS 30 20:43:36.7,1.0,2.57N;89.93E,h12km,mb4.8/23, Error ellipse: s-maj=12.9km s-min=7.1km az=115.8

IDC 30 20:43:36.8,1.1,2.50N;89.87E,h0km,mb4.4/14, mb1.4/5.17,mb1mx4.2/31,mbtmp4.3/17,ML4.0/3,MS3.3/1, s-min=20.3km az=21.0

NEIC 30 20:43:38.0,0.5,2.50N;89.91E,h10km,mb4.7/11, Error ellipse: s-maj=13.4km s-min=5.4km az=193.0

ISC 30 20:43:38.3,0.6,2.54N;0.08;89.92E;0.06,h10km,n154, s=1939/143,mb4.6/50,13C-7D,North Indian Ocean

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including CAMPBELL BAY, LHMI Lhok Sumawe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYK, JFK, JYS, MJAR, MAT, ASAJ, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TIXI, TIKSI, IM3, BPAW, etc.

ISCJB 30 21:47:51.0, 13.232N, 0.0650E, 0.06, h12km, mb4.2/26, MS3.8/3, Error ellipse: s-maj=9.5km

ISC 30 21:47:52.0, 13.228N, 0.0598E, h0km, mb3.8/14, mb1.4, 0.1/7, mb1mx3.8/37, mbmp3.8/17, MLJ=7.3, MS3.8/6, Ms1.3/6, ms1mx3.8/37, Error ellipse: s-maj=20.5km

NEIC 30 21:47:53.0, 13.232N, 0.0650E, h10km, mb4.4/13, Error ellipse: s-maj=9.6km s-min=7.8km az=143.0

ISC 30 21:47:53.4, 0.6, 13.373N, 0.00850E, 0.07, h12km, n47, e1568/46, mb4.1/26, MS3.8/3, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MUKL, ATD, BR10, etc.

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

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

KRSC 30 21:49:22.0, 1.0, 56.52N, 164.33E, h50km, 17km, ML4.9

ISCJB 30 21:49:23.0, 0.8, 56.47N, 0.03, 164.15E, 0.03, h20km, 6km, mb4.5/141, MS4.1/2, Error ellipse: s-maj=4.9km

BUI 30 21:49:23.5, 56.25N, 164.66E, h28km, mb4.5/26, MB4.9/14, MS4.6/10, Ms7.4/3/10

MOS 30 21:49:25.0, 0.8, 56.48N, 164.03E, h44km, mb4.7/30, Error ellipse: s-maj=7.8km s-min=4.5km az=54.7

NEIC 30 21:49:26.0, 0.5, 56.53N, 164.02E, h31km, 3km, mb4.5/98, Error ellipse: s-maj=6.3km s-min=2.7km az=158.0

ISC 30 21:49:26.7, 0.5, 56.53N, 163.96E, h32km, 2km, mb3.9/22, mb1.4/2/24, mb1mx1.4/31, mbmp4.1/24, ML3.9/22, MS3.7/2

WMO 30 21:49:26.0, 0.3, 56.48N, 164.02E, h31km, 3km, mb4.5/98, Error ellipse: s-maj=6.3km s-min=2.7km az=158.0

ISC 30 21:49:26.7, 0.5, 56.53N, 163.96E, h32km, 2km, mb3.9/22, mb1.4/2/24, mb1mx1.4/31, mbmp4.1/24, ML3.9/22, MS3.7/2

ISC 30 21:49:26.7, 0.5, 56.53N, 163.96E, h32km, 2km, mb3.9/22, mb1.4/2/24, mb1mx1.4/31, mbmp4.1/24, ML3.9/22, MS3.7/2

ISC 30 21:49:26.7, 0.5, 56.53N, 163.96E, h32km, 2km, mb3.9/22, mb1.4/2/24, mb1mx1.4/31, mbmp4.1/24, ML3.9/22, MS3.7/2

ISC 30 21:49:26.7, 0.5, 56.53N, 163.96E, h32km, 2km, mb3.9/22, mb1.4/2/24, mb1mx1.4/31, mbmp4.1/24, ML3.9/22, MS3.7/2

ISC 30 21:49:26.7, 0.5, 56.53N, 163.96E, h32km, 2km, mb3.9/22, mb1.4/2/24, mb1mx1.4/31, mbmp4.1/24, ML3.9/22, MS3.7/2

1615

MKAR	comp=Z,1.2nm,0.6s,baz=56,slow=6.2,SNR=7.3	pP	21 58 16.9 +0.2
MKAR	comp=Z,0.8nm,0.7s,baz=56,slow=4.8,SNR=3.8	pP	21 59 46.0
J08A	Circle 81 comp=Z,4.1nm,1.0s	EP	21 58 09.7 +0.5
MOD	Modoc Plateau comp=Z,6.6nm,0.8s	EP	21 58 10.3 +0.7
WVOR	Wild Horse Val comp=Z,5.5nm,1.0s	EP	21 58 14.0 +0.6
WVOR	Wild Horse Val comp=Z,6.0nm,1.0s	EP	21 58 14.0 +0.6
ORV	Oroville comp=Z,4.9nm,0.8s	EP	21 58 17.3 +0.1
ORV	Oroville comp=Z,4.9nm,0.8s	EP	21 58 17.3 +0.1
BRVK	Borovoye comp=Z,5.0nm,0.8s	iP	21 58 16.6 -2.1
BRVK	Borovoye comp=Z,3.0nm,0.8s	iP	21 58 16.6 -2.1
SUMG	Summit comp=Z,3.4nm,1.0s	iP	21 58 28.8 +9.0
SUMG	Summit comp=Z,3.4nm,1.0s	iP	21 58 28.8 +9.0
BEKR	Beckworth comp=Z,6.0nm,0.9s	EP	21 58 20.9 +0.5
AFDM	Forest Hills D comp=Z,2.8nm,1.0s	EP	21 58 23.1 +0.4
ARCES	ACCESS Array B comp=Z,5.9nm,0.7s,baz=12,slow=12,SNR=4.1	pP	21 58 31.8 +0.6
HLID	Halley comp=Z,1.8nm,0.8s	EP	21 58 24.3 +0.2
PAHR	Pah Rah Range comp=Z,3.8nm,0.8s	EP	21 58 25.8 +0.6
VCNR	Virginia City comp=Z,2.0nm,0.9s	EP	21 58 27.5 +1.1
PNTR	Pine Nut comp=Z,1.0nm,0.8s	EP	21 58 28.8 +1.1
SVE	Sverdlouvs comp=Z,1.5nm,1.4s	EP	21 58 37.0 +8.9
YERR	Yerington comp=Z,4.3nm,0.9s	EP	21 58 30.6 +0.9
YHH	Holmes Hill comp=Z,5.0nm,1.0s	EP	21 58 32.0 +0.7
WAKR	Walker comp=Z,6.3nm,0.7s	EP	21 58 32.8 +1.3
KVN	Kaiserville comp=Z,4.0nm,0.9s	EP	21 58 34.9 +1.0
KVN	Kaiserville comp=Z,4.0nm,0.9s	EP	21 58 34.9 +1.0
RYN	Ryan comp=Z,3.8nm,0.8s	EP	21 58 35.5 +1.0
RLMT	Red Lodge comp=Z,7.2nm,0.9s	EP	21 58 35.6 +0.3
IMW	Indian Meadow comp=Z,6.3nm,1.0s	EP	21 58 35.6 -0.1
IMW	Indian Meadow comp=Z,6.3nm,1.0s	EP	21 58 35.6 -0.1
NV01	Mina Array Sit comp=Z,4.0nm,0.8s,baz=296,slow=8.1,SNR=29	pP	21 58 44.5 +0.6
NVAR	Mina Array Bea comp=Z,4.0nm,0.8s,baz=296,slow=8.1,SNR=29	pP	21 58 37.0 +0.5
NVAR	Mina Array Bea comp=Z,4.0nm,0.8s,baz=296,slow=8.1,SNR=29	pP	21 58 37.4 +0.9
ARU	Arti comp=Z,1.3nm,0.7s,baz=310,slow=6.9,SNR=5.8	EP	21 58 49.2 +1.4
ARU	Arti comp=Z,1.9nm,1.1s	EP	21 58 36.4 +0.3
ARU	Arti comp=Z,1.9nm,1.1s	EP	21 58 35.9 -0.2
ARU	Arti comp=Z,1.9nm,1.1s	EP	21 58 44.3 +0.1
ARU	Arti comp=Z,1.9nm,1.1s	EP	21 59 39.8
ARU	Arti comp=Z,1.9nm,1.1s	EP	22 06 02.7 +2.2
FWXY	Fox Creek comp=Z,3.0nm,1.0s	EP	21 58 37.4 +0.7
NV11	Mina Array Sit comp=Z,4.5nm,0.9s	EP	21 58 38.0 +1.0
TPAW	Teton comp=Z,0.3nm,0.9s	EP	21 58 38.8 +1.0
LOHW	Long Hollow comp=Z,4.2nm,0.8s	EP	21 58 39.7 +1.3
REDW	Red Top Meadow comp=Z,3.8nm,1.4s	EP	21 58 40.1 +1.3
HVU	Hansel Valley comp=Z,2.8nm,0.8s	EP	21 58 40.8 +0.9
HVU	Hansel Valley comp=Z,2.8nm,0.8s	EP	21 58 40.8 +0.9
HVU	Hansel Valley comp=Z,2.8nm,0.8s	EP	21 58 40.8 +0.9
HWUT	Hardware Ranch comp=Z,3.0nm,0.8s	EP	21 58 46.4 +0.9
KMI	Kunming comp=Z,5.0nm,0.8s	EP	21 58 48.5 +2.8
KMI	Kunming comp=Z,5.0nm,0.8s	EP	21 58 56.8 -0.3
BW06	Boulder Array comp=Z,4.0nm,0.5s	EP	21 58 46.8 0.0
PD31	Pinedale, Lake comp=Z,3.5nm,0.8s	EP	21 58 46.8 -0.1
PDAR	Pinedale Array comp=Z,3.1nm,0.8s,baz=317,slow=3.1,SNR=24	EP	21 58 47.1 +0.3
PDAR	Pinedale Array comp=Z,3.6nm,1.0s,baz=316,slow=4.1,SNR=6.2	EP	21 58 58.0 -0.8
PDAR	Pinedale Array comp=Z,3.6nm,1.0s,baz=316,slow=4.1,SNR=6.2	EP	21 58 58.0 -0.8
R11A	Troy Canyon, C comp=Z,2.5nm,1.1s	EP	21 58 48.1 +0.6
DUG	Dugway, Tooele comp=Z,2.8nm,0.9s	EP	21 58 49.1 +0.8
DUG	Dugway, Tooele comp=Z,2.8nm,0.9s	EP	21 58 49.1 +0.8
DUG	Dugway, Tooele comp=Z,2.8nm,0.9s	EP	21 58 49.1 +0.8
ISA	Isabella, Lake comp=Z,4.0nm,0.9s	EP	21 58 50.9 +0.3
ISA	Isabella, Lake comp=Z,6.0nm,1.1s	EP	21 58 50.9 +0.3
ISA	Isabella, Lake comp=Z,6.0nm,1.1s	EP	21 58 50.9 +0.3
DAC	Darwin (Calif) comp=Z,6.0nm,1.1s	EP	21 58 51.8 +0.9
DAC	Darwin (Calif) comp=Z,6.0nm,1.1s	EP	21 58 51.8 +0.9
DAC	Darwin (Calif) comp=Z,6.0nm,1.1s	EP	21 58 51.8 +0.9
NLU	North Lily Mir comp=Z,3.6nm,0.9s	EP	21 58 53.2 +0.8
TPNV	Topopah Spring comp=Z,5.3nm,0.8s	EP	21 58 53.1 +0.6
PSUT	Pine Spring comp=Z,3.9nm,1.1s	EP	21 58 54.2 +0.9
ULM	Lac du Bonnet comp=Z,2.2nm,0.6s,baz=333,slow=11,SNR=3.4	EP	21 58 52.5 -0.6
ULM	Lac du Bonnet comp=Z,2.7nm,0.3s,baz=353,slow=5.6,SNR=3.0	EP	21 59 05.1 +0.6
TMUT	Trail Mountain comp=Z,6.9nm,0.8s	EP	21 59 00.4 +1.1
GSC	Goldstone, Bar comp=Z,5.0nm,0.9s	EP	21 58 59.7 +0.6
GSC	Goldstone, Bar comp=Z,5.0nm,0.9s	EP	21 58 59.7 +0.6
GSC	Goldstone, Bar comp=Z,5.0nm,0.9s	EP	21 58 59.7 +0.6
MSU	Marysville comp=Z,2.8nm,0.9s	EP	21 59 01.2 +1.4
MWC	Mount Wilson comp=Z,2.1nm,1.0s	EP	21 59 01.4 +1.2
MWC	Mount Wilson comp=Z,2.1nm,1.0s	EP	21 59 01.4 +1.2
MWC	Mount Wilson comp=Z,2.1nm,1.0s	EP	21 59 01.4 +1.2
CCUT	Cedar City comp=Z,1.1nm,1.0s	EP	21 59 01.6 +1.1
P18A	Preston Nutter comp=Z,4.4nm,0.8s	EP	21 59 02.1 +1.0
MTPU	Mount Pierson comp=Z,5.3nm,1.1s	EP	21 59 03.9 +1.5
SRU	San Rafael Swe comp=Z,5.0nm,0.9s	EP	21 59 03.8 +1.1
LCMT	Little Creek M comp=Z,3.1nm,1.0s	EP	21 59 04.9 +1.3
KNB	Kanab comp=Z,4.4nm,0.9s	EP	21 59 06.7 +1.4
KNB	Kanab comp=Z,4.4nm,0.9s	EP	21 59 06.7 +1.4
KNB	Kanab comp=Z,4.4nm,0.9s	EP	21 59 06.7 +1.4
O20A	White River Ci comp=Z,4.0nm,0.9s	EP	21 59 06.3 +0.7
LSA	Lhasa comp=Z,1.1nm,0.8s	EP	21 59 08.3 +1.8
U15A	North Rim comp=Z,4.1nm,1.2s	EP	21 59 11.6 +1.0
KK31	Karatay Array comp=Z,5.7nm,0.9s	EP	21 59 09.9 -1.0

2012 SEP

KK31	Karatay Array comp=Z,5.7nm,0.9s	EP	21 59 09.9 -1.0
KKAR	Karatay Array comp=Z,5.7nm,0.9s	EP	21 59 09.9 -1.0
KKAR	Karatay Array comp=Z,5.7nm,0.9s	EP	21 59 09.9 -1.0
ABKR	Abkulkul array comp=Z,5.7nm,0.9s	EP	21 59 11.8 +0.4
PV22	Blue Mesa, Pa comp=Z,5.7nm,0.9s	EP	21 59 12.9 +0.8
PV16	Nyswenger Mesa comp=Z,9.7nm,1.1s	EP	21 59 14.1 +1.3
PV11	David Mesa, Pa comp=Z,5.7nm,0.9s	EP	21 59 14.3 +1.3
PV18	Skein Mesa, Pa comp=Z,5.7nm,0.9s	EP	21 59 14.1 +0.9
PV12	Saucer Basin, comp=Z,6.6nm,0.9s	EP	21 59 14.5 +1.3
PV03	Paradox Vay comp=Z,5.7nm,0.9s	EP	21 59 14.2 +0.8
PV13	Radium Mtn., P comp=Z,5.7nm,0.9s	EP	21 59 15.0 +0.9
SMCO	Snowmass comp=Z,5.7nm,0.9s	EP	21 59 16.3 +0.8
FINES	FINESS Array B comp=Z,2.4nm,0.7s,baz=31,slow=8.9,SNR=3.3	pP	21 59 23.3 0.0
ISCO	Idaho Springs comp=Z,5.8nm,0.9s	EP	21 59 18.2 +1.3
ISCO	Idaho Springs comp=Z,5.8nm,0.9s	EP	21 59 18.2 +1.3
Y14A	Wickenburg comp=Z,4.4nm,0.9s	EP	21 59 22.4 +1.5
S22A	Sierra Ranch, Cr comp=Z,2.7nm,1.0s	EP	21 59 24.8 +1.3
X16A	Lo Mia Camp, P comp=Z,2.7nm,1.3s	EP	21 59 25.6 +1.4
X18A	Snowflake comp=Z,2.6nm,0.9s	EP	21 59 30.5 +1.4
PAYA	Payao comp=Z,2.7nm,0.6s	EP	21 59 38.5 +9.0
LAMP	Lampart comp=Z,2.7nm,0.7s	EP	21 59 44.2 +9.2
UTTA	Utтарит comp=Z,3.4nm,0.7s	EP	21 59 44.5 +8.6
CMMT	Chiang Mai comp=Z,3.3nm,1.0s	EP	21 59 44.0 +8.0
CHTO	Chiang Mai comp=Z,4.4nm,0.6s	EP	21 59 39.9 +3.9
CHTO	Chiang Mai comp=Z,4.4nm,0.6s	EP	21 59 44.1 +8.1
NB2	NORSAR Subarra comp=Z,4.9nm,0.8s,baz=17,slow=6.9	EP	21 59 39.3 +3.5
NB20	NORSAR Array S comp=Z,4.9nm,0.8s,baz=17,slow=6.9	EP	21 59 32.5 -3.3
NOA	NORSAR Array B comp=Z,0.5nm,0.7s,baz=20,slow=6.3,SNR=1.6	EP	21 59 32.5 -3.3
NOA	NORSAR Array B comp=Z,0.5nm,0.7s,baz=20,slow=6.3,SNR=1.6	EP	21 59 32.5 -3.3
CM31	Chiang Mai Arr comp=Z,3.2nm,0.8s,baz=18,slow=6.9,SNR=8.7	EP	21 59 37.3 -0.7
CMAR	Chiang Mai Arr comp=Z,0.9nm,0.3s,baz=25,slow=7.4,SNR=6.7	EP	21 59 37.3 -0.7
CMAR	Chiang Mai Arr comp=Z,3.0nm,0.7s,baz=21,slow=7.0,SNR=4.5	EP	21 59 46.4 +0.1
CMAR	Chiang Mai Arr comp=Z,3.0nm,0.7s,baz=21,slow=7.0,SNR=4.5	EP	22 00 30.4
ANMO	Albuquerque comp=Z,3.0nm,0.7s,baz=16,slow=3.5,SNR=8.9	EP	21 59 39.9 +0.5
LPSR	Galich'ya Gora comp=Z,3.0nm,0.7s,baz=16,slow=3.5,SNR=8.9	EP	21 59 37.7 +8.1
LPSR	Galich'ya Gora comp=Z,3.0nm,0.7s,baz=16,slow=3.5,SNR=8.9	EP	21 59 39.9 +0.5
VRH	Novokhopovsk comp=Z,2.0nm,0.8s	EP	21 59 55.3 +7.7
VRH	Novokhopovsk comp=Z,2.0nm,0.8s	EP	21 59 55.3 +7.7
UMPA	Umpang Tak comp=Z,7.1nm,0.8s,comp=Z,5.0nm,0.8s	EP	22 00 00.6 +1.0
NIL	Nilore comp=Z,2.1nm,0.8s	EP	21 59 50.2 -1.1
NIL	Nilore comp=Z,2.1nm,0.8s	EP	21 59 50.2 -1.1
NIL	Nilore comp=Z,2.1nm,0.8s	EP	21 59 50.2 -1.1
VSR	Storozhevo comp=Z,2.1nm,0.8s	EP	22 00 00.7 +7.7
VSR	Storozhevo comp=Z,2.1nm,0.8s	EP	22 00 00.7 +7.7
MNTX	Cornudas Mount comp=Z,2.9nm,0.8s	EP	22 00 00.6 +0.8
WMOK	Wichita Mounta comp=Z,4.7nm,1.0s	EP	22 00 05.9 -0.3
WMOK	Wichita Mounta comp=Z,4.7nm,1.0s	EP	22 00 05.9 -0.3
WMOK	Wichita Mounta comp=Z,4.7nm,1.0s	EP	22 00 05.9 -0.3
AKASG	Malin Array B comp=Z,5.0nm,1.0s	EP	22 00 14.8 -0.3
AKASG	Malin Array B comp=Z,1.6nm,0.7s,baz=26,slow=6.4,SNR=2.9	EP	22 00 23.4 -0.1
AKKB	Malin Array Si comp=Z,2.6nm,0.7s,baz=28,slow=5.6,SNR=5.6	EP	22 00 14.8 -0.3
AKKB	Malin Array Si comp=Z,2.6nm,0.7s,baz=28,slow=5.6,SNR=5.6	EP	22 00 14.8 -0.3
GEYT	Alibeck comp=Z,2.6nm,0.8s,baz=284,slow=7.5,SNR=9.7	EP	22 00 16.1 -1.3
GEYT	Alibeck comp=Z,2.6nm,0.8s,baz=284,slow=7.5,SNR=9.7	EP	22 00 16.1 -1.3
GEYT	Alibeck comp=Z,2.6nm,0.8s,baz=284,slow=7.5,SNR=9.7	EP	22 00 16.1 -1.3
GYA0B	ALIBECK ARRAY comp=Z,1.4nm,1.0s,baz=55,slow=7.8,SNR=24	EP	22 00 17.5 +0.2
TX31	Lajitas Ar. Si comp=Z,2.5nm,0.8s	EP	22 00 18.1 +0.3
LTX	Lajitas comp=Z,2.5nm,0.8s	EP	22 00 18.1 +0.4
LTX	Lajitas comp=Z,2.5nm,0.8s	EP	22 00 18.2 +0.4
TXAR	Lajitas Array comp=Z,4.8nm,0.8s,baz=299,slow=4.5,SNR=6.5	EP	22 00 18.1 +0.4
TXAR	Lajitas Array comp=Z,4.8nm,0.8s,baz=299,slow=4.5,SNR=6.5	EP	22 00 28.6 -0.7
GOF	Gofitskov comp=Z,1.4nm,0.7s,baz=293,slow=4.5,SNR=6.6	EP	22 00 25.7 +6.9
KIV	Kislovodsk comp=Z,5.0nm,1.1s	EP	22 00 24.1 -1.6
KIV	Kislovodsk comp=Z,5.0nm,1.1s	EP	22 00 25.7 +6.9
KIV	Kislovodsk comp=Z,5.0nm,1.1s	EP	22 00 24.1 -1.6
KBZ	Khabaz comp=Z,7.5nm,17.0s	EP	22 00 26.3 0.0
KBZ	Khabaz comp=Z,1.8nm,0.7s,baz=296,slow=4.5,SNR=5.5	EP	22 00 35.6 +0.9
ZEI	Tsey comp=Z,7.5nm,0.8s,baz=76,slow=1.5,SNR=16	EP	22 00 28.9 -0.4
ZEI	Tsey comp=Z,7.5nm,0.8s,baz=76,slow=1.5,SNR=16	EP	22 00 28.9 -0.4
TBLG	Delisi comp=Z,10.0nm,1.0s	EP	22 00 37.4 +4.6
TBLG	Delisi comp=Z,16nm,0.8s	EP	22 00 37.4 +4.6
TBLG	Delisi comp=Z,16nm,0.8s	EP	22 00 37.4 +4.6
CLL	Collim comp=Z,1.6nm,0.8s	EP	22 00 46.0 +3.2
AKH	Akhalkalaki comp=Z,7.0nm,1.4s	EP	22 00 39.2 +1.7
AKH	Akhalkalaki comp=Z,7.0nm,1.4s	EP	22 00 39.2 +1.7
AKH	Akhalkalaki comp=Z,7.0nm,1.4s	EP	22 00 39.2 +1.7
MORC	Moravsky Berou comp=Z,7.0nm,1.4s	EP	22 00 47.5 +9.4
MORC	Moravsky Berou comp=Z,7.0nm,1.4s	EP	22 00 47.6 +10
LANS	Liptovska Anna comp=Z,7.0nm,1.4s	EP	22 00 43.9 +4.7
LANS	Liptovska Anna comp=Z,7.0nm,1.4s	EP	22 00 43.9 +4.7
LANS	Liptovska Anna comp=Z,7.0nm,1.4s	EP	22 00 43.9 +4.7
BUR04	Bucovina Ar. S comp=Z,7.0nm,1.4s	EP	22 00 49.3 +1.7
BUR04	Bucovina Ar. S comp=Z,7.0nm,1.4s	EP	22 00 43.5 +4.1
BUR04	Bucovina Ar. S comp=Z,7.0nm,1.4s	EP	22 00 43.2 +3.7
BUR04	Bucovina Ar. S comp=Z,7.0nm,1.4s	EP	22 00 47.8 +8.3
TRPA	Tarpa comp=Z,7.0nm,1.4s	EP	22 00 50.1 +

30d 22h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GUR GOURA, DLFAL DELPHI, etc.

ICD 30:22:36.06:8.0.6, 24.93Sx13.38W, h0km, mb4.0/14, mb1.4/0.14, mb1mx3.9/32, mbtmp4.0/14, MS4.3/14, Ms1.4/3/14, ms1mx1.1/24, Error ellipse: s-maj=20.4km s-min=14.5km az=171.0

ISCJB 30:22:36.07:1.0.4, 24.88S:0.08:13.41W:0.07, h14km, mb4.3/26, MS4.3/14, Error ellipse: s-maj=12.3km s-min=8.8km az=163.2

NEIC 30:22:36.08:2.0.3, 24.90S:13.42W, h10km, mb4.6/19, Error ellipse: s-maj=8.9km s-min=6.4km az=164.0

ISC 30:22:36.09:0.0.5, 24.95S:0.1x13.43W:0.09, h14km, n47, 0.679/37, mb4.4/26, MS4.4/14, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H10S2 ASCENSION HYDR15.89 356, H10S3 ASCENSION HYDR15.90 356, etc.

2012 SEP

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

NIED 30:22:39.00:38.40N, 141.90E, h14km, Mw4.1. Best double couple: M1.58000-1015, NP13=191.00000, s67.00000, s-16.00000, NP2=287.00000, s76.00000, s-156.00000

BUL 30:22:39.13.2, 38.39N:142.37E, h14km, mb4.5/22, mB4.8/7, Ms4.2/4, Ms7.4/14

ISCJB 30:22:39.13.9.0.2, 38.36N:0.02:142.08E:0.03, h10km, mb4.3/59, MS4.0/1, Error ellipse: s-maj=3.5km s-min=2.9km az=35.2

ICD 30:22:39.14.8.0.6, 38.32N:142.05E, h0km, mb4.0/18, mb1.4/2/24, mb1mx1.1/48, mbtmp4.0/24, ML3.9/5, MS3.2/1, Ms1.3/2/1, ms1mx2.7/40, Error ellipse: s-maj=16.8km s-min=12.0km az=103.0

MOS 30:22:39.16.9.1.4, 38.42N:142.10E, h25km, mb4.5/14, Error ellipse: s-maj=8.8km s-min=6.6km az=91.0

NEIC 30:22:39.17.9.2.1, 38.33N:142.08E, h26km, 15km, mb4.6/27, Error ellipse: s-maj=8.4km s-min=5.5km az=119.0

NEIC Recorded [3 JMA] in Iwate and Miyagi. JMA 30:22:39.17.1.0.1, 38.41N:141.89E, h19km, 1km, M4.6 JMA Felt III J1.

ISC 30:22:39.15.3.0.4, 38.32N:0.03:142.08E:0.04, h10km, n138, 0.222/159, mb4.4/59, 3C-1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JIO Ouri, JIO Ofunato, JIO Ichinoseki, etc.

1616

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PETK Petropavlovsk, PEAN Petropavlovsk-Narjany, MA2 Magadan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARU Arti, ABKAR Akbulak array, ASO1 Alice Springs, etc.

DJA 30 22:47:21.9-0.7, 3.1Nw, 7x12.7E, h10km, M4.3/11, mb4.4/8, mb4.9/4, MLV4.2/11, Mw(MB)2.4

ISCJB 30 22:47:22.9-0.3, 2.92N, 0.03x127.48E, 0.04, h49km, mb4.3/29, Error ellipse: s-maj=5.9km s-min=4.1km az=150.9

BUI 30 22:47:24.1, 3.00N, 127.60E, h53km, mb4.6/6, mb5.1/2, IDC 30 22:47:24.8-3.0, 2.73N, 127.22E, h46km, 3.1km, mb3.7/11, mb1.3/12, mb1mx3.7/35, mbtmp3.9/12, ML4.0/1, MS3.2/1, Ms1.3/2.1, ms1mx2.6/20, Error ellipse: s-maj=31.9km s-min=13.6km az=63.0

NEIC 30 22:47:25.9-0.9, 2.82N, 127.41E, h44km, 9km, mb4.4/15, Error ellipse: s-maj=10.9km s-min=5.7km az=61.0

ISC 30 22:47:24.9-0.5, 2.93N, 0.06x127.47E, 0.07, h49km, n67, s128/67, mb4.2/29, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SGSI Sangihe, TMTI Ternate, LBMI Labuha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONAO Songino Array, WMQ Urumqi, PETK Petropavlovsk, etc.

MEX 30 22:53:01.7-0.8, 16.89N, 96.52W, h73km, 6km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VHO Vista Hermosa, VHU Huatulo, HUIG Huajuapam, etc.

ISCJB 30 22:55:45.8-0.6, 24.25S, 0.08-180.0W, 0.1, h505km, mb3.8/8, Error ellipse: s-maj=17.1km s-min=8.3km az=29.6

IDC 30 22:55:45.1-2.1, 24.23S, 179.91E, h487km, 23km, mb3.4/8, mb1.3/7.10, mb1mx3.4/34, mbtmp4.3/10, Error ellipse: s-maj=32.6km s-min=15.3km az=149.0

ISC 30 22:55:46.1-0.7, 24.45S, 0.1x179.89W, 0.1, h505km, n16, s151/18, mb3.7/8, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, AFI Afiamalu, AFU Afu, etc.

ISCJB 30 23:02:04.7-1.4, 50.5N, 0.3x149.3E, 0.2, h500km, mb3.6/9, Error ellipse: s-maj=34.3km s-min=15.2km az=168.6

IDC 30 23:02:04.8-3.1, 50.34N, 149.31E, h499km, 30km, mb3.3/9, mb1.3/4.11, mb1mx3.0/43, mbtmp4.1/11, Error ellipse: s-maj=34.9km s-min=15.8km az=179.0

ISC 30 23:02:05.1-1.3, 50.4N, 0.2x149.3E, 0.1, h500km, n14, s056/14, mb3.8/9, Sea of Okhotsk

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KLR Kul'dur, SEY Seychman, KDAK Kodiak Island, etc.

SOME 30 23:04:22.8, 40.38N, 81.67E, h5km, MS3.6

ISCJB 30 23:04:39.8, 0.1, 41.43N, 0.02x81.88E, 0.03, h18km, mb4.5/88, MS3.6/5, Error ellipse: s-maj=3.2km s-min=2.6km az=40.7

BUI 30 23:04:41.6, 41.46N, 81.81E, h25km, mb4.5/33, mb4.4/18, ML4.7/12, Ms4.0/15, Ms7.3/8/17

MOS 30 23:04:42.9, 1.0, 41.47N, 81.91E, h45km, mb4.8/30, Error ellipse: s-maj=6.5km s-min=4.4km az=124.7

NEIC 30 23:04:45.0-0.4, 41.47N, 81.89E, h47km, 4km, mb4.7/41, Error ellipse: s-maj=3.9km s-min=3.0km az=190.0

NNC 30 23:04:50.3-0.3, 41.83N, 81.75E, h57km, 27km, mb4.6, mp4.6, Error ellipse: s-maj=34.1km s-min=7.9km az=127.0

ISC 30 23:04:42.3-0.3, 41.40N, 0.03x81.86E, 0.03, h18km, h18km, n13, s21/31, pp-P, n321, s251/394, mb4.6/90, MS3.6/5, 55C-31D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KTMS Ketmen, SHLS Shaikode, PDGK Podgornoye, etc.

MAK2 Makanchi Array 5.41 1 ePn Pn 23 06 03.1 +1.0

30d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SFK, MNAS, KK31, etc.

2012 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKTO, SVU, ARU, etc.

1618

Table with columns for station name, frequency, power, and other technical details. Includes stations like JNU, VRI, PLOR, etc.

GERES	comp=Z,1.9nm,0.6s,baz=69,slow=7.3,SNR=9.9	PcP	PcP	23 14 44.7	-0.5
GEAD	comp=Z,0.3nm,0.5s,baz=57,slow=4.1,SNR=2.3	eP	eP	23 13 13.1	-0.8
GEAD	GERESS Array S	47.20 303	eP	23 13 27.4	+5.6
KSM	Kuching	47.30 140	eP	23 13 15.1	+0.2
OBKA	Obir	47.41 300	eP	23 13 14.3	-1.2
SBUM	Sibu	47.42 137	eP	23 13 16.9	+1.0
LJU	Ljubljana	47.58 299	iP	23 13 15.6	-1.2
CEY	Cerknica	47.75 299	iP	23 13 16.6	-1.5
MOX	Moxa	47.94 306	eP	23 13 18.8	-0.8
GRFO	Grafenberg	48.48 305	eP	23 13 22.7	-1.0
GRFO	Grafenberg	48.48 305	eP	23 13 22.7	-1.0
TIP	Timpagrande	48.65 290	eP	23 13 23.7	-1.5
MYLDM	Lahad Datu	48.67 128	eP	23 13 24.4	-1.1
WTTA	Wattenberg	49.03 302	eP	23 13 27.0	-1.1
WATA	Walderalm	49.04 302	eP	23 13 27.0	-1.3
MOTA	Moosalm	49.34 302	eP	23 13 29.4	-1.1
RETA	Reutte	49.51 302	P	23 13 30.7	-1.0
AQU	L'Aquila	49.69 295	eP	23 13 32.2	-0.9
AQU	L'Aquila	49.69 295	eP	23 13 32.2	-0.9
FETA	Feichten	49.69 302	eP	23 13 31.9	-1.3
FUORNI	Ofenpass-Fuorn	50.14 302	eP	23 13 35.5	-1.2
DAVA	Damuels	50.14 302	eP	23 13 36.2	-0.4
PETK	Petrovavovsk-	50.46 49	eP	23 13 37.5	-1.3
PETK	Petrovavovsk-	50.46 49	eP	23 13 37.5	-1.3
TUE	Stuetta	50.78 302	eP	23 13 41.1	-0.4
VLC	Villacollemand	51.00 299	eP	23 13 42.1	-0.9
SENIN	Lac Senin/Sane	52.13 302	eP	23 13 49.7	-1.9
SENIN	Lac Senin/Sane	52.13 302	eP	23 14 05.0	+5.5
LPL	La Plagne	52.83 301	eP	23 13 55.6	-1.3
BNI	Bardonecchia	53.05 301	eP	23 13 57.3	-1.1
BNI	Bardonecchia	53.05 301	eP	23 13 57.3	-1.1
SSB	Saint Sauveur	54.33 302	eP	23 14 06.1	-1.6
SSB	Saint Sauveur	54.33 302	eP	23 14 06.1	-1.6
LFF	La Frestale	56.89 303	eP	23 14 24.5	-1.5
ES19	SONSECA Array	62.48 300	eP	23 15 03.5	-1.1
ES19	SONSECA Array	62.48 300	eP	23 15 18.3	+5.6
ESDC	Sonsec Array	62.54 300	eP	23 15 02.9	-2.1
ESDC	Sonsec Array	62.54 300	eP	23 15 18.1	+5.1
TOLK	Toolik Lake Re	63.82 19	eP	23 15 12.0	-1.0
RES	Resolute Bay	64.19 359	eP	23 15 14.9	-0.3
RES	Resolute Bay	64.19 359	eP	23 15 14.9	-0.3
IM3	Indian Mountai	64.71 22	eP	23 15 16.2	-2.7
IM3	Indian Mountai	64.71 22	eP	23 15 32.0	+5.2
TAM	Tamanrasset	65.31 279	eP	23 15 21.9	-1.7
TAM	Tamanrasset	65.31 279	eP	23 15 36.4	+4.8
TAM	Tamanrasset	65.31 279	eP	23 15 21.9	-1.7
TAM	Tamanrasset	65.31 279	eP	23 15 36.4	+4.8
CAST	Castle Rocks	67.10 23	eP	23 15 33.8	-0.5
INK	Inuvik	67.45 13	P	23 15 34.8	-1.5
INK	Inuvik	67.45 13	P	23 15 49.3	+4.9
IL1	Eielson Array	67.51 20	eP	23 15 34.5	-2.3
ILAR	Eielson Array	67.51 20	P	23 15 34.8	-2.1
ILAR	Eielson Array	67.51 20	P	23 15 49.2	+4.4
ILAR	Eielson Array	67.51 20	P	23 48 40.0	
RIDG	Independ'e Rid	68.87 20	eP	23 15 43.8	-1.7
LSZ	Lusaka	75.07 234	eP	23 16 22.5	-0.8
LSZ	Lusaka	75.07 234	eP	23 16 22.5	-0.8
YKA	Yellowknife Ar	75.61 8	P	23 16 23.7	-1.9
YKA	Yellowknife Ar	75.61 8	P	23 16 38.8	+0.3
WRAB	Tennant Creek	78.01 130	eP	23 16 39.1	-0.6
WRAB	Tennant Creek	78.01 130	eP	23 16 39.1	-0.6
WRA	Warramunga Arr	78.01 130	P	23 16 38.7	-1.0
WRA	Warramunga Arr	78.01 130	P	23 16 53.9	+4.4
WRA	Warramunga Arr	78.01 130	P	23 16 39.0	-0.7
WRA	Warramunga Arr	78.01 130	P	23 16 39.0	-0.7
WB2	Warramunga Arr	78.02 130	eP	23 16 39.0	-0.8
ASAR	Alice Springs	80.71 133	P	23 16 53.4	-1.1
ASAR	Alice Springs	80.71 133	P	23 17 08.6	+6.0
AS01	Alice Springs	80.74 133	eP	23 16 53.5	-1.1
DBIC	Dimbokro	83.18 273	P	23 17 05.6	-2.1
DBIC	Dimbokro	83.18 273	P	23 17 20.7	+4.9
FFC	Flin Flon	84.19 2	iP	23 17 11.3	-1.0
TSUM	Tsumeb	84.65 239	eP	23 17 13.9	-1.3
BOSA	Boshof	87.12 227	P	23 17 26.9	-0.2
BOSA	Boshof	87.12 227	P	23 17 40.5	+5.2

UGLR	Uglovaya	3.10 20	eP	Pn	23 18 50.6	+3.6
AVH	Avacha	3.13 18	eP	Pn	23 18 51.1	+3.6
KOK	Koryaka	3.14 17	eP	Pn	23 18 51.0	+3.4
SMAR	Somma	3.15 19	eP	Pn	23 18 51.4	+3.6
SDLR	Sedlovina	3.18 20	eP	Pn	23 18 51.5	+3.4
KRX	Ariki	3.21 17	eP	Pn	23 18 52.3	+3.8
GNL	Ganally	3.44 8	eP	Pn	23 18 55.3	+3.6

ISCJB 30 23:56:28.5±1.3, 3.6N±0.1×127.95E±0.07, h71km, mb3.4/3, Error ellipse: s-maj=18.0km s-min=6.9km az=29.2
 DJA 30 23:56:30.6±1.5, 4.1N±1.3×12.8E±1.2, h27km, 23km, M4.4/6, mb5.7/3, mb4.4/6, MLv4.3/6, Mw(mB)5.2/3
 IDC 30 23:56:31.8±5.7, 3.67N±1.28, 16E, h88km, 66km, mb3.3/3, mb1.3.5/4, mb1mx3.1/29, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=133.6km s-min=24.4km az=68.0
 ISC 30 23:56:30.1±1.5, 3.7N±0.1×127.9E±0.1, h71km, n14, s104/13, mb3.6/3, Talaud Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
SGSI	Sangihe	2.39	271	P	23 57 06.8	-0.3
SGSI	Sangihe	2.39	271	P	23 57 34.5	-1.0
LBMI	Labuha	4.30	186	P	23 57 33.5	+0.4
SIJI	Sorong	5.61	143	P	23 57 51.4	+0.4
SIJI	Sorong	5.61	143	P	23 58 52.8	-1.3
SANI	Sanana	6.00	199	P	23 57 55.4	-1.0
MRSI	Marisa	6.77	242	P	23 58 09.0	+2.1
BNDI	Bandanaira	8.37	166	P	23 58 30.0	+1.2
MPSI	Mapaga	8.68	248	P	23 58 33.4	+0.4
KDI	Kendari	9.25	215	P	23 58 41.0	+0.2
WRA	Warramunga Arr	24.29	165	P	00 01 40.7	-0.3
ASAR	Alice Springs	27.79	168	P	00 02 12.1	-0.5
H11S3	WAKE ISLAND Hy	40.66	66	T	00 47 20.7	
H11S1	WAKE ISLAND Hy	40.68	66	T	00 47 22.6	
H11S2	WAKE ISLAND Hy	40.68	66	T	00 47 18.7	
MKAR	Makanchi Array	58.29	325	P	00 06 18.3	+0.7

DJA 30 23:06:07.3±0.7, 1°S±4.1×12°0E±, h11km, 8km, M3.6/8, MLv3.6/8, Sulawesi

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PCI	Palu	0.51	338	P	23 06 18.3	0.0
TTSI	Tana Toraja	1.67	187	P	23 06 34.8	-1.7
APSI	Ampapa	1.68	74	P	23 06 35.5	+1.2
MPSI	Mapaga	1.71	356	P	23 06 36.3	-0.8
SPSI	Sidrap Palu	2.58	186	P	23 06 50.3	+1.3
BNSI	Bone	3.00	179	P	23 06 55.3	+0.5

KRSC 30 23:18:00.2±0.7, 50°31N×157°10E, h31km±11km, ML3.9, Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
SKR	Severo-Kuril's	0.73	302	eP	23 18 14.4	0.0
SKR	Severo-Kuril's	0.73	302	eP	23 18 24.2	+0.1
PAU	Pauzhetka	1.18	351	eP	23 18 22.1	+0.2
PAU	Pauzhetka	1.18	351	eP	23 18 37.9	+1.1
KDTR	Khodutka, Kamc	1.63	22	eP	23 18 28.7	-0.8
KDTR	Khodutka, Kamc	1.63	22	eP	23 18 49.0	-0.7
ASAK	Asacha	2.14	13	eP	23 18 36.2	-2.1
RUS	Russkaya	2.31	22	eP	23 18 38.2	+2.1
RUS	Russkaya	2.31	22	eP	23 19 05.9	+2.5
KRMR	Karymshinskiy	2.61	14	eP	23 18 42.5	+2.3

ISC Computed Locations for September 2012

